

LFV, SE-601 79 NORRKÖPING. Phone +46 11 19 20 00. Fax +46 11 19 25 75. AFTN ESKLYAYT

Principal changes included in this Amendment./
Ändringens huvudsakliga innehåll.

Do not insert in AIP until/Sätt ej in i
AIP förrän **30 NOV 2023**

Subject(s)	AIRAC Changes	AIP page
Location indicators Karlstad AD Kristianstad AD Skellefteå AD Stockholm/Bromma AD	NEW: ESJS Skellefteå lasarett. IFR only allowed when ATS is open, strip dimensions. TWY surface, RWY not grooved. AD Operating hours. LPV minima.	GEN 2.4 AD 2 ESOK AD 2 ESMK AD 2 ESNS AD 2 ESSB

Subject(s)	Non AIRAC changes. Effective on receipt. Users are advised not to insert the replacement pages before the effective date of this Amendment. Any NOTAM preceding the changes below will remain in force until the AIRAC date.	AIP page
Differences from ICAO Standards, Recommended Practices and Procedures	Updated differences and references.	GEN 1.7
Measuring system, aircraft marking, holidays	Public holidays.	GEN 2.1
Conversion tables	Updated.	GEN 2.6
Aeronautical Information Services	Schedule of AIRAC effective dates.	GEN 3.1
Air traffic services	ESTL, ESMS, ESNU, ESTA.	GEN 3.3
Flight planning	New type of aircraft and information regarding surveillance applications.	ENR 1.10
Aerodrome directory	ESSG, ESJS.	AD 1.1
Index to aerodromes	ESJS.	AD 1.3
Malmö AD	RTC information.	AD 2 ESMS
Stockholm/Arlanda AD	Rescue equipment, ALS RWY 19R not LED.	AD 2 ESSA

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Record the Amendment on page GEN 0.2--1.
Anteckna ändringen på sida GEN 0.2--1.

Följande AIP Supplement, AIC och NOTAM är inarbetade i detta AMDT och upphör att gälla den 30 NOV.
The following AIP Supplements, AIC and NOTAMs are incorporated in this amendment and will expire on 30 NOV.

Supplement: -

AIC: -

NOTAM:

Series A: -
Series B: -
Series C: -
Series D: -
Series E: 0794/23, 0795/23, 0796/23, 0797/23, 0844/23.
Series H: -

For comments, please contact: aip@lfv.se

- E N D / S L U T -

GEN 0.4 Kontrollista/Checklist of AIP pages

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ESSV 5-12	25 MAR 2021	ESNZ 5-12	02 DEC 2021	ESNO 1-5	28 MAR 2019		
ESSV 5-13	25 MAR 2021	ESNZ 6-1	26 JAN 2023	ESNO 1-6	17 JUN 2021		
ESSV 6-1	02 NOV 2023			ESNO 1-7	11 AUG 2022		
		Ängelholm ESTA		ESNO 2-1	17 JUN 2021		
Växjö/Kronoberg ESMX		ESTA 1-1	19 MAY 2022	ESNO 3-1	15 AUG 2019		
ESMX 1-1	23 MAR 2023	ESTA 1-2	02 NOV 2023	ESNO 4-1	24 MAR 2022		
ESMX 1-2	12 NOV 2015	ESTA 1-3	27 JAN 2022	ESNO 4-3	16 AUG 2018		
ESMX 1-3	23 MAR 2023	ESTA 1-4	27 JAN 2022	ESNO 4-91	28 JAN 2021		
ESMX 1-4	23 MAR 2023	ESTA 1-5	27 JAN 2022	ESNO 5-1	15 AUG 2019		
ESMX 1-5	23 MAR 2023	ESTA 1-6	02 NOV 2023	ESNO 5-2	07 NOV 2019		
ESMX 1-6	23 MAR 2023	ESTA 1-7	02 NOV 2023	ESNO 5-3	07 NOV 2019		
ESMX 1-7	23 MAR 2023	ESTA 1-8	19 MAY 2022	ESNO 5-5	15 AUG 2019		
ESMX 2-1	23 MAR 2023	ESTA 1-9	19 MAY 2022	ESNO 5-6	15 AUG 2019		
ESMX 3-1	23 MAR 2023	ESTA 2-1	27 JAN 2022	ESNO 5-7	04 NOV 2021		
ESMX 4-1	23 MAR 2023	ESTA 2-3	27 JAN 2022	ESNO 5-8	08 NOV 2018		
ESMX 4-3	25 APR 2019	ESTA 3-1	27 JAN 2022	ESNO 5-9	16 AUG 2018		
ESMX 4-91	23 MAR 2023	ESTA 3-3	07 DEC 2017	ESNO 5-11	07 NOV 2019		
ESMX 5-1	23 MAR 2023	ESTA 4-1	18 MAY 2023	ESNO 5-12	07 NOV 2019		
ESMX 5-2	23 MAR 2023	ESTA 4-3	24 MAR 2022	ESNO 5-13	16 AUG 2018		
ESMX 5-3	23 MAR 2023	ESTA 4-5	04 NOV 2021	ESNO 6-1	16 JUN 2022		
ESMX 5-4	23 MAR 2023	ESTA 4-6	18 JUN 2020				
ESMX 5-5	23 MAR 2023	ESTA 4-7	04 NOV 2021	AD 3			
ESMX 5-6	23 MAR 2023	ESTA 4-8	18 JUN 2020	3.1-1	31 MAR 2016		
ESMX 5-7	23 MAR 2023	ESTA 4-91	23 MAR 2023				
ESMX 5-9	23 MAR 2023	ESTA 5-1	04 NOV 2021				
ESMX 5-10	23 MAR 2023	ESTA 5-2	04 NOV 2021				
ESMX 5-11	23 MAR 2023	ESTA 5-3	04 NOV 2021				
ESMX 6-1	23 MAR 2023	ESTA 5-4	04 NOV 2021				
		ESTA 5-5	27 JAN 2022				
Äre Östersund ESNZ		ESTA 5-7	24 MAR 2022				
ESNZ 1-1	26 JAN 2023	ESTA 5-8	24 MAR 2022				
ESNZ 1-2	28 JAN 2021	ESTA 5-9	24 MAR 2022				
ESNZ 1-3	26 JAN 2023	ESTA 5-11	24 MAR 2022				
ESNZ 1-4	27 JAN 2022	ESTA 5-12	24 MAR 2022				
ESNZ 1-5	17 JUN 2021	ESTA 5-13	24 MAR 2022				
ESNZ 1-6	27 JAN 2022	ESTA 6-1	27 JAN 2022				
ESNZ 1-7	11 AUG 2022						
ESNZ 1-8	26 JAN 2023	Örebro ESOE					
ESNZ 1-9	27 JAN 2022	ESOE 1-1	15 JUN 2023				
ESNZ 2-1	26 JAN 2023	ESOE 1-2	15 JUN 2023				
ESNZ 3-1	23 MAR 2023	ESOE 1-3	15 JUN 2023				
ESNZ 3-3	13 AUG 2020	ESOE 1-4	15 JUN 2023				
ESNZ 4-1	15 JUN 2023	ESOE 1-5	15 JUN 2023				
ESNZ 4-3	02 DEC 2021	ESOE 1-6	15 JUN 2023				
ESNZ 4-5	08 DEC 2016	ESOE 1-7	15 JUN 2023				
ESNZ 4-7	08 NOV 2018	ESOE 1-8	15 JUN 2023				
ESNZ 4-8	08 DEC 2016	ESOE 1-9	15 JUN 2023				
ESNZ 4-9	08 DEC 2016	ESOE 2-1	15 JUN 2023				
ESNZ 4-11	08 NOV 2018	ESOE 3-1	15 JUN 2023				
ESNZ 4-12	08 DEC 2016	ESOE 4-1	15 JUN 2023				
ESNZ 4-13	08 DEC 2016	ESOE 4-3	15 JUN 2023				
ESNZ 4-15	08 DEC 2016	ESOE 4-91	15 JUN 2023				
ESNZ 4-17	02 DEC 2021	ESOE 5-1	15 JUN 2023				
ESNZ 4-18	02 DEC 2021	ESOE 5-2	15 JUN 2023				
ESNZ 4-19	08 NOV 2018	ESOE 5-3	15 JUN 2023				
ESNZ 4-20	09 NOV 2017	ESOE 5-4	10 AUG 2023				
ESNZ 4-21	09 NOV 2017	ESOE 5-5	15 JUN 2023				
ESNZ 4-23	28 MAR 2019	ESOE 5-6	15 JUN 2023				
ESNZ 4-24	28 MAR 2019	ESOE 5-7	15 JUN 2023				
ESNZ 4-25	28 MAR 2019	ESOE 5-8	15 JUN 2023				
ESNZ 4-26	28 MAR 2019	ESOE 5-9	15 JUN 2023				
ESNZ 4-91	15 JUN 2023	ESOE 5-11	15 JUN 2023				
ESNZ 5-1	17 JUN 2021	ESOE 5-12	15 JUN 2023				

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1.7 Avvikelser från ICAO standards, rekommenderade förfaranden och procedurer

1 Avvikelser från ICAO standards, rekommenderade förfaranden och procedurer

Paragrafnumren nedan tillhör rubricerat Annex. Avvikelser från Annex och Doc redovisas endast på engelska.

ANNEX 1 – PERSONNEL LICENSING (Fourteenth Edition, July 2022 including amd. 178)

- 1.1 Aircraft avionics. It is not defined in EU rules. **Less protective or partially implemented or not implemented.**
- 1.1 Aircraft required to be operated with a co-pilot. Under Part-FCL it is limited to the aeroplane, while the ICAO definition is about aircraft. **Different in character or Other means of compliance.**
- 1.1 Airship. In Part-FCL the hot-air airships do not fall under this definition but under the definition of "balloon". **Different in character or Other means of compliance.**
- 1.1 ATS surveillance service. Not defined in EU rules. **Less protective or partially implemented or not implemented.**
- 1.1 ATS surveillance system. Not defined in EU rules. **Less protective or partially implemented or not implemented.**
- 1.1 Certify as airworthy (to). This term and meaning is not implemented in EU rules. **Less protective or partially implemented or not implemented.**
- 1.1 Competency. Regulation (EU) 1178/2011 include this definition as specified in ICAO Annex 1, 12th edition 2018. Regulation (EU) 2015/340 does not include the referenced definition. **Less protective or partially implemented or not implemented.**
- 1.1 Competency-based training and assessment. EU regulations do not include this definition. **Less protective or partially implemented or not implemented.**
- 1.1 Competency standard. EU regulations do not include this definition. **Less protective or partially implemented or not implemented.**
- 1.1 Conditions. EU regulations do not include this definition. **Less protective or partially implemented or not implemented.**
- 1.1 Error management. Regulation (EU) 1178/2011 include this definition as specified in ICAO Annex 1, 12th edition 2018. Regulation (EU) 2015/340 does not include the referenced definition. **Less protective or partially implemented or not implemented.**
- 1.1 Flight crew member. No definition as such in Commission Regulation (EU) No 1178/2011, Annex 1, Part-FCL, but the different crew member is licensed in their specific chapters. Included in Commission Regulation (EU) No 965/2012. **Different in character or Other means of compliance.**
- 1.1 Flight procedures trainer. No definition in EU rules. **Less protective or partially implemented or not implemented.**
- 1.1 ICAO competency framework. EU regulations do not include this definition. **Less protective or partially implemented or not implemented.**
- 1.1 Likely. Different phrases used such as "likely to interfere with the safe exercise of the privileges of the applicable licence(s)". **Different in character or Other means of compliance.**
- 1.1 Monitoring. EU regulations do not include this definition. **Less protective or partially implemented or not implemented.**
- 1.1 Observable behaviour (OB). EU regulations do not include this definition. **Less protective or partially implemented or not implemented.**
- 1.1 Performance criteria. Regulation (EU) 1178/2011 include this definition as specified in ICAO Annex 1, 12th edition 2018. Regulation (EU) 2015/340 does not include the referenced definition. **Less protective or partially implemented or not implemented.**

1.7 Differences from ICAO Standards, Recommended Practices and Procedures

1 Differences from ICAO Standards, Recommended Practices and Procedures

Paragraph numbers below refer to headlined Annex. Differences from Annex and Doc only shown in English.

- 1.1 Pilot (to). No definition as such in Commission Regulation (EU) No 1178/2011, Annex 1. Part-FCL.
Less protective or partially implemented or not implemented.
- 1.1 Pilot flying (PF). EU regulations do not include this definition.
Less protective or partially implemented or not implemented.
- 1.1 Pilot monitoring (PM). EU regulations do not include this definition.
Less protective or partially implemented or not implemented.
- 1.1 Rendering (a licence) valid. It is not precisely defined in EU rules, for AMLs it is not applicable.
Less protective or partially implemented or not implemented.
- 1.1 Significant. Term used throughout Commission Regulation (EU) No 1178/2011 but defined as “incapacity to function as a member of the flight crew”. **Different in character or Other means of compliance.**
- 1.1 Threat management. Regulation (EU) 1178/2011 include this definition as specified in ICAO Annex 1, 12th edition 2018. Regulation (EU) 2015/340 does not include the referenced definition.
Less protective or partially implemented or not implemented.
- 1.2.4.1 *Standard:* The term “medical certificate” is used in lieu of “medical assessment”.
Different in character or Other means of compliance.
- 1.2.4.11.2 *Standard:* Not specifically mentioned in EU rules.
Less protective or partially implemented or not implemented.
- 1.2.8.4 *Standard:* The competency-based training concept is not implemented in EU rules.
Less protective or partially implemented or not implemented.
- 2.1.9.2 *Recommendation:* Glider and free balloon pilots are excluded from the language proficiency. No such a specific requirement. **Less protective or partially implemented or not implemented.**
- 1.2.9.6 *Recommendation:* Pilots who have demonstrated language proficiency at operational level are reevaluated every 4 years. **Less protective or partially implemented or not implemented.**
- 2.1.10.1 *Standard:* Pilots aged 60-64 may act as pilots in command in the single-pilots international CAT operations of aircraft other than aeroplanes and helicopters. **Less protective or partially implemented or not implemented.**
- 2.3.2.1 *Standard:* Part-FCL differs here from ICAO in that sense that the holder of a PPL to provide flight instruction may receive remunerations. **Different in character or Other means of compliance.**
- 2.3.3.1.1 *Standard:* Applicant for a PPL (A) shall have completed at least 45 hours of flight instruction in aeroplanes, 5 which may have been in an FSTD. **More Exacting or Exceeds.**
- 2.3.4.1.1 *Standard:* Applicants for a PPL (H) shall have completed at least 45 hours of flight instruction on helicopters, 5 of which may have been completed in an FNPT or FFS. **More Exacting or Exceeds.**
- 2.3.4.2.1 *Standard:* The total dual flight instruction in ICAO is 20 hours and in Part-FCL 25 hours.
More Exacting or Exceeds.
- 2.3.5.1.1 *Recommendation:* It is required to have a CPL (A) or (H) Part FCL license, and due to which of these 2 a pilot has – requirements are listed in provision FCL.720.PL. **More Exacting or Exceeds.**
- 2.3.5.1.2 *Recommendation:* It is required to have a CPL (A) or (H) Part FCL license, and due to which of these 2 a pilot has – requirements are listed in provision FCL.720.PL. **More Exacting or Exceeds.**
- 2.3.5.1.3 *Recommendation:* It is required to have a CPL (A) or (H) Part FCL license, and due to which of these 2 a pilot has – requirements are listed in provision FCL.720.PL. **More Exacting or Exceeds.**
- 2.3.5.2 *Recommendation:* It is required to have a CPL (A) or (H) Part FCL license, and due to which of these 2 a pilot has – requirements are listed in provision FCL.720.PL. **More Exacting or Exceeds.**
- 2.3.6.1 *Standard:* The total flight time in ICAO is 25 hours and in Part-FCL 35 hours.
More Exacting or Exceeds.
- 2.4.3.1.1 *Standard:* FCL.315 CPL together with Appendix 3 to Annex I (Part-FCL) of Reg.1178/2011 allows a maximum of 10 hours credit. **More Exacting or Exceeds.**
- 2.4.4.1.1 *Standard:* The total flight time in ICAO is 150 hours and in Part-FCL 185 hours. The amount of hours is taken over from the JAR-FCL 2 where the difference was already there. **More Exacting or Exceeds.**
- 2.4.4.1.1.1 *Standard:* Total flight time in ICAO is 150 hours and in Part-FCL 185 hours. **More Exacting or Exceeds.**

- 2.4.5.1.1 *Recommendation:* It is required to have a CPL (A) or (H) Part FCL license, and due to which of these 2 a pilot has – requirements are listed in provision FCL.720.PL.
Different in character or Other means of compliance.
- 2.4.5.1.2 *Recommendation:* It is required to have a CPL (A) or (H) Part FCL license, and due to which of these 2 a pilot has – requirements are listed in provision FCL.720.PL.
Different in character or Other means of compliance.
- 2.4.6.1.1 *Standard:* The total flight time for experience in ICAO is 200 hours and in Part-FCL 250 hours.
More Exacting or Exceeds.
- 2.4.6.1.1.1 *Standard:* Division of hours is different, like in Part-FCL it is 5 hours cross-country flight time and 5 hours of night flight. **Different in character or Other means of compliance.**
- 2.6.3.1.1.1 *Standard:* Part-FCL requires in addition 500 hours in multi-pilot operations on aeroplane.
More Exacting or Exceeds.
- 2.6.4.1.1.1 *Standard:* Part-FCL requires in addition 350 hours in multi-pilot helicopters. **More Exacting or Exceeds.**
- 2.9.1.3.1 *Standard:* The total flight time in ICAO is 6 hours and in Annex III (Part-SFCL) of Reg.2018/1976 is 15 hours. Also the amount of launches differs. ICAO requires 20 launches and Annex III (Part-SFCL) of Reg.2018/1976 45 launches. **More Exacting or Exceeds.**
- 2.9.2.2 *Recommendation:* The total flight time in ICAO and in Annex III (Part-SFCL) of Reg.2018/1976 are the same, but the requirement in SFCL can also be met if the pilot instead has completed 30 launches or take-offs and landings. **Less protective or partially implemented or not implemented.**
- 2.10.1.3.1 *Standard:* The total flight time in ICAO and in Annex III (Part-BFCL) of Reg.2018/395 are the same, but Part-BFCL requires 12 inflations and 20 take-offs and landings where ICAO only requires 8 launches and ascents.
More Exacting or Exceeds.
- 2.10.1.3.4 *Recommendation:* In case of remuneration ICAO recommends 35 hours of flight time, while Annex III (Part-BFCL) of Reg.2018/395 require 50 hours of flight time and 50 take-offs and landings on balloons. **More Exacting or Exceeds.**
- 3.3.1.5 *Standard:* The applicant shall hold a current class 1 medical assessment. **More Exacting or Exceeds.**
- 4.2.1.4 *Recommendation:* For Basic training – Part 66 A.25 only requires that the level of knowledge is demonstrated by examinations. For aircraft type training – Approved type rating courses are only required for Group 1 aircraft. For other 2 groups it is optional. **Less protective or partially implemented or not implemented.**
- 4.2.1.5 *Standard:* The skill assessment is not required in case of licence issue based on the Basic knowledge examination only. For Cat A CS the assessment is performed in Part-145 Organisations. For type examination for Group 2 and 3 aircraft the skill assessment is not mandatory.
Different in character or Other means of compliance.
- 4.2.2.2 *Standard:* No certifying staff licensing for the release of the components, the entire aircraft can be released by Cat. C CS after the base maintenance. **Less protective or partially implemented or not implemented.**
- 4.4.1.1 *Standard:* There is implicitly no age requirement for the issuance of an air traffic issuance of an air traffic.
Different in character or Other means of compliance.
- 4.4.1.3 *Standard:* The unit endorsement course duration is not established by the Regulation.
Different in character or Other means of compliance.
- 4.4.1.3.2 *Standard:* EU regulation 2015/340 addresses the referenced standard in detailed manner as regards experience and training of on-the-job training instructors. **More Exacting or Exceeds.**
- 4.5.1 *Standard:* The list of ratings is slightly different: a) aerodrome control visual; b) aerodrome control instrument; c) approach d) radar control rating is approach control surveillance; e) area control procedural.; f) area control surveillance. **Different in character or Other means of compliance.**
- 4.5.2.2.1 *Standard:* The unit endorsement course duration is not established by the endorsement course(s).
Less protective or partially implemented or not implemented.
- 4.5.2.2.2 *Standard:* The validity period of unit endorsements for initial issue and renewal shall commence not later than 30 days from the date on which the assessment has been successfully completed.
Different in character or Other means of compliance.
- 4.5.3.1 *Standard:* Some ratings are slightly different, although the Regulation covers all of them.
Different in character or Other means of compliance.

- 4.5.3.3 *Standard:* Holders of an instructor endorsement shall be authorized to provide on-the-job training and supervision at a working position for areas covered by a valid unit endorsement. **More Exacting or Exceeds.**
- 4.5.3.4 *Standard:* Although the concept of "invalidation of a rating" as implemented or not implemented requirements, the holder of an air traffic controller licence is not allowed to exercise the privileges of a rating after a period of absence of more than 90 days or if the revalidation of the unit endorsement fails due to the non availability of the minimum number of working hours. **Less protective or partially implemented or not implemented.**
- 5.1.1 *Standard:* Although electronic licenses are not expressly referred to in the EU Regulatory framework, its provisions are broad enough to include also a digital or electronic license in the domain of personnel licenses, provided that the content therein complies the EU requirements on content of the licenses and the integrity of the license, and the authenticity of the document can be verified. **Less protective or partially implemented or not implemented.**
- 5.2.2 *Standard:* No corresponding provisions on the material of the licence in Part-66. **Less protective or partially implemented or not implemented.**
- 5.2.3 *Standard:* For maintenance staff the requirements are different but serve the same compliance purpose, in particular when licence is issued by the MS in the national language and the bearer is working in that MS, the rule allows for such licence not to have any English translation. **Different in character or Other means of compliance.**
- 5.3.1 *Standard:* Not implemented. **Less protective or partially implemented or not implemented.**
- 5.3.1.1 *Standard:* Not implemented. **Less protective or partially implemented or not implemented.**
- 5.3.1.2 *Standard:* Not implemented. **Less protective or partially implemented or not implemented.**
- 5.3.1.3 *Standard:* Not implemented. **Less protective or partially implemented or not implemented.**
- 5.3.2.1 *Standard:* Not implemented. **Less protective or partially implemented or not implemented.**
- 5.3.2.2 *Standard:* Not implemented. **Less protective or partially implemented or not implemented.**
- 5.3.3 *Standard:* Not implemented. **Less protective or partially implemented or not implemented.**
- 5.3.4 *Standard:* Not implemented. **Less protective or partially implemented or not implemented.**
- 5.3.5.1 *Standard:* Not implemented. **Less protective or partially implemented or not implemented.**
- 5.3.5.2 *Standard:* Not implemented. **Less protective or partially implemented or not implemented.**
- 5.3.6 *Standard:* Not implemented. **Less protective or partially implemented or not implemented.**
- 5.3.7 *Standard:* Not implemented. **Less protective or partially implemented or not implemented.**
- 6.1.1 *Standard:* Flight engineers are required to hold a class 1 medical certificate. **More Exacting or Exceeds.**
- 6.2.3.2 *Recommendation:* Not specified in EU regulations. **Less protective or partially implemented or not implemented.**
- 6.2.4.2 *Standard:* For ATCO the requirements are more restrictive: applicants shall be normal trichromates. **More Exacting or Exceeds.**
- 6.2.4.3 *Standard:* For aircrew regulations state that applicants shall pass the Ishihara test. For ATCO the requirements are more restrictive: pseudoisochromatic plate testing alone is not sufficient. Colour vision should be assessed using means to demonstrate normal trichromacy. **More Exacting or Exceeds.**
- 6.2.4.4.1 *Recommendation:* Not specified in EU regulations. **Less protective or partially implemented or not implemented.**
- 6.2.5.5 *Recommendation:* Performed only when an instrument rating is to be added to licence. **Less protective or partially implemented or not implemented.**
- 6.3.2.9.1 *Recommendation:* Only required on clinical or epidemiological indication. **Less protective or partially implemented or not implemented.**
- 6.3.2.21.1 *Recommendation:* Fit assessment permitted from start of pregnancy until end 26th week (restricted to multi crew operation). **Less protective or partially implemented or not implemented.**
- 6.3.3.2.3 *Standard:* Different in Ophthalmic reports requirement is dependent on refractive error limits rather than visual acuity limits. **Different in character or Other means of compliance.**

- 6.4.2.6.2 *Recommendation:* Not implemented. **Less protective or partially implemented or not implemented.**
- 6.4.2.21.1 *Recommendation:* Fit assessment permitted from start of pregnancy until end 26th week. **Less protective or partially implemented or not implemented.**
- 6.4.3.2.3 *Recommendation:* Not required under EU regulations. **Less protective or partially implemented or not implemented.**
- 6.4.3.5 *Standard:* This Acceptable means of Compliance states that visual field should be examined but does not define that the fields should be normal. **Different in character or Other means of compliance.**
- 6.4.3.6 *Standard:* This Acceptable means of Compliance states that binocular function should be examined but does not define that the binocular function should be normal. **Different in character or Other means of compliance.**
- 6.5.2.6.1 *Standard:* Annual ECGs required after age 40. **More Exacting or Exceeds.**
- 6.5.2.20 *Standard:* Not permitted for initial issue of class 3 certificate. **More Exacting or Exceeds.**
- 6.5.2.21.1 *Recommendation:* Not implemented. **Less protective or partially implemented or not implemented.**
- 6.5.3.2 *Standard:* Applicants with hypermetropia exceeding +5.0 dioptres, myopia exceeding -6 dioptres, an astigmatic component exceeding 3 dioptres or anisometropia exceeding 3 dioptres: shall have a corrected visual acuity of 6/6 or better in each eye. **More Exacting or Exceeds.**
- 6.5.3.2.3 *Standard:* All initial Medical character or assessments include an other means of comprehensive eye examination which is repeated periodically depending on the refractive error and the functional performance of the eye. **Different in character or Other means of compliance.**

ANNEX 2 – RULES OF THE AIR
(Tenth Edition, July 2005, amd. 46)

- 3.2.2 b) Right-of-way.
An aircraft that is aware that the manoeuvrability of another aircraft is impaired shall give way to that aircraft.
- 3.2.3.2 b) Lights to be displayed by aircraft.
Unless stationary and otherwise adequately illuminated, all aircraft on the movement area of an aerodrome shall display lights intended to indicate the extremities of their structure, as far as practicable;
- 3.2.5 Operation on and in the vicinity of an aerodrome.
An aircraft operated on or in the vicinity of an aerodrome shall:
- c) except for balloons, make all turns to the left, when approaching for a landing and after taking off, unless otherwise indicated, or instructed by ATC;
 - d) except for balloons, land and take off into the wind unless safety, the runway configuration, or air traffic considerations determine that a different direction is preferable.
- When AFIS is provided, right turns are accepted if they cause no hazard to others and the intention is notified in advance to the AFIS unit.
If equipped with radio and in the vicinity of an aerodrome, the aircraft shall:
- a) when a AFIS unit is available; maintain continuous air-ground voice communication watch on the appropriate communication channel of, and report its position as necessary to, the air traffic services unit providing flight information service. (see 4.9, 5.3.2 and 5.3.3);
 - b) if the ATS is closed; stand by on the ATS frequency and transmit blind the position and the intention;
 - c) when ATS is not provided at the aerodrome; stand by on a published frequency or, if not published, on 123,450 MHz and transmit blind information of use to others, like position, level and intention.
- In published VFR holding IAS is limited to maximum 140 kt. If not possible ATS shall be advised.
The published holding pattern shall be followed.
- 3.2.2.4 i) Overtaking.
A sailplane overtaking another sailplane may alter its course to the right or to the left.
- 3.3.1.2 Submission of a flight plan.
A flight plan shall also be submitted for:
- a) VFR and IFR flights planned to operate at night, if leaving the vicinity of an aerodrome;
 - b) IFR flights in airspace class G flying above the highest of 5 000 ft AMSL or 3 000 ft AGL;
 - c) VFR and IFR flights which will affect a traffic information zone and/or a traffic information area.
 - d) Any flight across international borders, unless otherwise prescribed by the States concerned.

- 3.8 Interception.
The words 'in distress' are not included in the national regulation, thus enlarging the scope of escort missions to any type of flight requesting such service.
Furthermore the provisions contained in Appendix 2 Parts 1.1 to 1.3 inclusive as well as those found in Attachment A, are not contained in national regulation.
- 4.4.6 Visual Flight Rules.
Except when necessary for take-off or landing, or except by permission from the competent authority, a VFR flight shall not be flown:
- over the congested areas of cities, towns or settlements or over an open-air assembly of persons at a height less than 300 m (1 000 ft) above the highest obstacle within a radius of 600 m from the aircraft;
 - elsewhere than as specified in a), at a height less than 150 m (500 ft) above the ground or water, or 150 m (500 ft) above the highest obstacle within a radius of 150 m (500 ft) from the aircraft.

ANNEX 3 – METEOROLOGY

(*Twentieth Edition, July 2018, amd. 80*)

- Chapter 5 Competent authorities shall prescribe as necessary other conditions which shall be reported by all aircraft when encountered or observed.

ANNEX 4 – AERONAUTICAL CHARTS

(*Eleventh Edition, July 2009, amd. 61*)

- 2.4.4 Requirement concerning Symbol 121 Reporting and Fly-by/Flyover functionality is not shown on all charts as required in 2.4.2 and 2.4.3.
- 9.9.4.1.1 Minimum obstacle clearance altitudes, along the route or route segment are not shown on standard departure charts.
- a) 6)
- 9.9.4.1.1 h) Designation of the navigation specification(s) including any limitations is not shown on standard departure charts.
- 10.8.1 Bearings and tracks provided as true values for RNAV segments are not shown on standard arrival charts.
- 10.9.4.1.1 Minimum obstacle clearance altitudes along the route or route segment and altitudes required by the procedures are not shown on standard arrival charts.
- a) 6)
- 10.9.4.1.1 g) Designation of the navigation specification(s) including any limitations is not shown on standard arrivals charts.

ANNEX 5 – UNITS OF MEASUREMENT TO BE USED IN AIR AND GROUND OPERATIONS

(*Fifth Edition, July 2010*)

No differences.

ANNEX 6 - OPERATION OF AIRCRAFT

ANNEX 6 Part I

(*Twelfth Edition, July 2022, including amd. 48*)

- 3.3.1 *Recommendation:* The European rules on Air Operations Reg. (EU) 965/2012 ORO.AOC.130 requires that an operator establish and maintain a flight data analysis programme as part of its safety management system only when operating aeroplanes with a certificated take-off mass in excess of 27 000 kg..
Less protective or partially implemented or not implemented.
- 3.3.3. *Standard:* The European rules on Air Operations Reg. (EU) 965/2012 ORO.AOC.130 requires in addition that the FDM programme is non-punitive, regardless of the date.
More exacting or exceeds.
- 3.5.1 *Standard:* The European rules on Air Operations for aircraft tracking is only applicable to some categories of aeroplanes. See Regulation (EU) 965/2012 CAT.GEN.MPA.205 and supporting EASA AMC/GM.
Less protective or partially implemented or not implemented.
- 3.5.2 *Recommendation:* The European rules on Air Operations for aircraft tracking applies only to aeroplanes which are equipped with a capability to provide a position additional to the secondary surveillance radar transponder or which are first issued with an individual on or after 16 December 2018. See Regulation (EU) 965/2012 ORO.GEN.110 and CAT.GEN.MPA.205 and supporting EASA AMC/GM.
Less protective or partially implemented or not implemented.

- 3.5.3 *Standard:* The European rules on Air Operations for aircraft tracking applies only to aeroplanes which are equipped with a capability to provide a position additional to the secondary surveillance radar transponder or which are first issued with an individual on or after 16 December 2018. In addition the provisions in Regulation (EU) 965/2012 CAT.GEN.MPA.205 includes aeroplanes with a MCTOM of more than 27 000 kg and a MOPSC of more than 19 as well as aeroplanes with a MCTOM of over 45 500 kg whatever their MOPSC. The provisions also requires tracking everywhere where ATC surveillance cannot track the aeroplane, not just in oceanic areas. **Different in character or Other means of compliance.**
- 3.5.4 *Standard:* The European rules on Air Operations for aircraft tracking introduces some flexibility and variations to automated reporting intervals in AMC1 and AMC2 CAT.GEN.MPA.205. **Different in character or Other means of compliance.**
- 4.2.1.3.1 *Standard:* The European rules on Air Operations Reg. (EU) 965/2012 ORO.GEN.205 prescribe that the operator remains responsible that the contracted services comply with the applicable requirements and that the aviation safety hazards associated with contracted services or products are considered by the operator's management system. However, it is not specified in the European rules on air operations that the operator shall develop policies and procedures for third parties. **Different in character or Other means of compliance.**
- 4.2.1.5 *Standard:* The European rules on Air Operations Reg. (EU) 965/2012 Appendix I to Part-ARO; ORO.AOC.100 stipulates that The AOC has no expiration date. The AOC is issued for an unlimited duration, but its validity is confirmed as per compliance with ORO.GEN.135. Several other entries requiring prior approval by the Competent Authority have been added to the EU Operations Specifications. **Different in character or Other means of compliance.**
- 4.2.1.7 *Standard:* The European rules on Air Operations Reg. (EU) 965/2012 Part-ARO Appendices I & II has several other entries where prior approval by the Competent Authority have been added to EU Operations Specifications in Appendix II. The AOC has no validity date. **Different in character or Other means of compliance.**
- 4.2.2.1 *Standard:* The EU regulation Reg. (EU) 452/2014 PART-TCO: TCO.200 (a)(1) also requires compliance with ICAO Annexes 1, 2, 8, and 18. Additionally, compliance with the mitigating measures accepted by EASA in accordance with ART.200(d); the relevant requirements of Part-TCO; and the applicable Union rules of the air. **More Exacting or Exceeds.**
- 4.2.8.1.1 *Standard:* The European rules on Air Operations do not address the granting of operational credits for SVS and CVS. Sweden is awaiting future amendments to the European rules on Air Operations. No differences are expected at the end of 2021. **Less protective or partially implemented or not implemented.**
- 4.2.8.2 *Standard:* Partially implemented. The newly introduced elements of the standard are not yet transposed in the EU rules. **Less protective or partially implemented or not implemented.**
- 4.2.9 *Standard:* 3D instrument approach operations is not used as a term in the European rules on Air Operation in Reg. (EU) 965/2012 CAT.OP.MPA.310. ICAO approach classification is not yet implemented. **Different in character or Other means of compliance.**
- 4.3.1 *Standard:* In the basic regulation Reg. (EU) 2018/1139 Annex V pt. 2.(c) and The European Rules of Air Operations Reg. (EU) 965/2012: CAT.OP.MPA.175 provide an alleviation stating that an operational flight plan is not required for operations under VFR of other-than-complex motor-powered aeroplane taking off and landing at the same aerodrome or operating site. **Less protective or partially implemented or not implemented.**
- 4.3.4.1.2 *Standard:* The European rules on Air Operations do not yet address ICAO EDTO provisions. Sweden uses ETOPS provisions as described in the European rules on Air Operations Reg. (EU) 965/2012 CAT.OP.MPA.180 (a). Sweden is awaiting future amendments to the European rules on Air Operations regarding EDTO. No differences are expected at the end of 2021. **Less protective or partially implemented or not implemented.**
- 4.3.4.1.3 *Standard:* The European rules on Air Operations requires a period commencing one hour before and ending one hour after the estimated time of arrival at the aerodrome. **More Exacting or Exceeds.**
- 4.3.4.3.1 *Standard:* The European rules on Air Operations requires a period commencing one hour before and ending one hour after the estimated time of arrival at the aerodrome. **More Exacting or Exceeds.**
- 4.3.6.2 *Standard:* The European rules on Air Operations do not yet address the effect of deferred maintenance items. The SARPS will be transposed in to Air Operation provisions through RMT.0573. Sweden is awaiting future amendments to the European rules on Air Operations. No differences are expected at the end of 2021. **Less protective or partially implemented or not implemented.**

- 4.3.6.3 *Standard:* Partially implemented through Reg. (EU) 965/2012. The European rules on Air Operations do not yet address ICAO EDTO provisions. No differences are expected at the end of 2025.
Less protective or partially implemented or not implemented.
- 4.3.6.4 *Recommendation:* The European rules on Air Operations requires a final reserve fuel value for each estimated mass and every flight. **More Exacting or Exceeds**
- 4.3.8.1 *Standard:* The European rules on Air Operations Reg. (EU) 965/2012 CAT.OP.MPA.200 allows refuelling with passengers on board except for Avgas type fuels or a mixture of these types of fuel.
More Exacting or Exceeds.
- 4.3.9.2 *Standard:* The European rules on Air Operations Reg. (EU) 965/2012 CAT.IDE.A.235 has additional and more specific requirements on the quantities of oxygen and the percentage of passengers. Also specific requirements on automatically deployable masks for aeroplanes certified to fly above 25.000 ft.
More exacting or exceeds.
- 4.3.10.1 *Recommendation:* Time capability of cargo compartment fire suppression is not yet addressed in European rules on Air Operations. Sweden is awaiting future amendments to the European rules on Air Operations. No differences are expected at the end of 2025. **Less protective or partially implemented or not implemented.**
- 4.6.1 *Standard:* The European rules on Air Operations do not give any formal status to flight operations officers/flight dispatchers as European rules doesn't require licensing of operations officers/flight dispatchers. Sweden requires an operator to ensure that the operations manual contains instructions and information necessary for operations personnel to perform their duty including training for those other than crew members. The European rules on Air Operations will be further developed for alignment with ICAO provisions which is expected to be in force by the end of 2025.
Less protective or partially implemented or not implemented.
- 4.6.2
- 4.7.1.1 *Standard:* The European rules on Air Operations do not yet address ICAO EDTO provisions. Sweden is awaiting future amendments to the European rules on Air Operations. No differences are expected at the end of 2025. **Less protective or partially implemented or not implemented.**
- 4.7.1.2
- 4.7.2.1
- 4.7.2.2
- 4.7.2.3
- 4.7.2.4
- 4.7.2.6
- 4.9.2 *Standard:* Partially implemented through the European rules on Air Operations Reg. (EU) 965/2012 ORO.FC.200 (c) ORO.FC.202. The European rules do not have provisions for maximum certified take-off mass (MCTOM). However there is a limitation in the number of passengers to 9 or less.
- 5.1.1 *Standard:* In the European rules on Air Operations, the responsibilities of the State of the Registry are assumed by the State of the Operator instead. **Different in character or Other means of compliance.**
- 5.2.4 *Standard:* In the European rules on Air Operations, the responsibilities of the State of the Registry are assumed by the State of the Operator instead. **Different in character or Other means of compliance.**
- 5.2.10 *Standard:* The European rules on Air Operations provide stricter and more detailed requirements.
More Exacting or Exceeds
- 5.4.1 *Standard:* The European rules on Air Operations require the operators to ensure that the routes and cruising altitudes are selected so as to have a landing site within gliding range.
More Exacting or Exceeds
- 6.1.5.1 *Standard:* The European Rules on Air Operations is not aligned with the new ICAO provisions on aeroplanes operated under Article 83 bis agreement. **Less protective or partially implemented or not implemented.**
- 6.1.5.2
- 6.1.5.3
- 6.1.5.4 *Recommendation:* The European Rules on Air Operations is not aligned with the new ICAO provisions on aeroplanes operated under Article 83 bis agreement.
Less protective or partially implemented or not implemented.
- 6.2.2.1 *Standard:* Partially implemented in the European rules. Only for Large Aeroplanes: Initial CofA after 18 Feb 2020 (lavatory) and 18 May 2019 (portable). **Less protective or partially implemented or not implemented.**

- 6.3.1.1.1 *Standard:* Partially implemented in the European Rules of Air Operation. Reg. (EU) 965/2012: CAT.IDE.A.190 pt. (a)(3) and (b)(5); CAT.IDE.A.191 pt.(b); AMC1 CAT.IDE.A.191.
Less protective or partially implemented or not implemented.
- 6.3.1.1.2 *Recommendation:* Partially implemented in the European Rules of Air Operation Reg. (EU) 965/2012: CAT.IDE.A.191 pt. (b); AMC1 CAT.IDE.A.191.
Less protective or partially implemented or not implemented.
- 6.3.1.1.3 *Standard:* The European rules on Air Operations regarding specific flight recorders apply to aeroplanes with an individual CofA after 1 June 1990. **Different in character or Other means of compliance.**
- 6.3.1.1.4 *Standard:* The European rules on Air Operations regarding specific flight recorders apply to aeroplanes with an individual CofA after 1 June 1990. **Less protective or partially implemented or not implemented.**
- 6.3.1.1.5 *Recommendation:* The European rules on Air Operations on specific flight recorders are not fully aligned with ICAO provisions. CAT.IDE.A.190 (a)(3) applies to aeroplanes with an individual CofA after 1 April 1998.
Less protective or partially implemented or not implemented.
- 6.3.1.1.6 *Standard:* The European rules on Air Operations applies to turbine-engined aeroplanes with an individual CofA first issued before 1 June 1990. According to Reg. (EU) 965/2012, CAT.IDE.A.190 (a)(1) and (a)(2), all turbine-engined aeroplanes shall be equipped with an FDR, whatever the date of first issuance of the individual CofA.
More Exacting or Exceeds.
- 6.3.1.1.7 *Recommendation:* The European rules on Air Operations Reg. (EU) 965/2012 CAT.IDE.A.190 (a) captures all turbine-engined aeroplanes with an individual CofA before 1 June 1990 and MCTOM of more than 5 700 kg. The list of parameters is given in AMC6 CAT.IDE.A.190 and it contains the first 9 parameters of table A8-1.
More Exacting or Exceeds.
- 6.3.1.1.8 *Standard:* The European rules on Air Operations applies to turbine-engined aeroplanes with an MCTOM of over 5700 kg and first issued with an individual CofA before 1 June 1990 whatever the date of prototype certification. **More Exacting or Exceeds.**
- 6.3.1.1.10 *Standard:* The European rules on Air Operations on specific flight recorders are not fully aligned with ICAO provisions. Sweden is awaiting future amendments to the European rules on Air Operations.
Less protective or partially implemented or not implemented.
- 6.3.1.3 *Standard:* The European rules on Air Operations require longer recording durations.
More Exacting or Exceeds.
- 6.3.2.1.1 *Standard:* The European rules on Air Operations regarding specific flight recorders do not fully address CVR for light aircraft. Partially implemented. The scope of CAT.IDE.A.185(a)(2) is limited to multi-engine turbine powered aeroplanes with a MCTOM of less than 5 700 kg. The scope of CAT.IDE.A.191 covers aircraft with an individual CofA first issued on or after 5/09/2022; no retrofit. Sweden is awaiting future amendments to the European rules on Air Operations.
Less protective or partially implemented or not implemented.
- 6.3.2.1.2 *Recommendation:* The European rules on Air Operations regarding specific flight recorders do not fully address CVR for light aircraft. Sweden is awaiting future amendments to the European rules on Air Operations.
Less protective or partially implemented or not implemented
- 6.3.2.1.3 *Standard:* The European rules on Air Operations is applicable to all aeroplanes with a MCTOM of more than 5700 kg, irrespective of the date of first issuance of the CofA. **More Exacting or Exceeds.**
- 6.3.2.1.4 *Standard:* The European rules on Air Operations regarding CVR applies to all aeroplanes with a MCTOM exceeding 5700 kg whatever the date of delivery of the individual CofA
More Exacting or Exceeds.
- 6.3.2.1.5 *Recommendation:* The European rules on Air Operations CAT.IDE.A.185 (a) (1) Reg. (EU) 965/2012 states that it applies to all aeroplanes with a MCTOM exceeding 5 700 kg, be they turbine-engined or not. CAT.IDE.A.185 (a) (1) applies whatever the date of certification of the prototype. **More Exacting or Exceeds.**
- 6.3.2.4.1 *Standard:* The European rules on Air Operations on specific flight recorders are not fully aligned with ICAO provisions. Sweden is awaiting future European rules on Air Operations.
Less protective or partially implemented or not implemented.

- 6.3.2.4.2 *Standard:* The European rules on Air Operations on specific flight recorders are not fully aligned with ICAO provisions. Sweden is awaiting future European rules on Air Operations.
Less protective or partially implemented or not implemented.
- 6.3.2.4.3 *Recommendation:* The European rules on Air Operations on specific flight recorders are not fully aligned with ICAO provisions. Sweden is awaiting future European rules on Air Operations.
Less protective or partially implemented or not implemented.
- 6.3.3.1.1 *Standard:* The European rules on Air Operations require recording of data-link communications for aeroplanes issued with an individual CofA on or after 08 April 2014.**More Exacting or Exceeds.**
- 6.3.3.1.2 *Standard:* The European rules on Air Operations on specific flight recorders are not fully aligned with ICAO provisions regarding retrofit of data-link communication recording. Sweden is awaiting future amendments to the European rules on Air Operations. **Less protective or partially implemented or not implemented.**
- 6.3.3.1.3 *Recommendation:* The European Rules on Air Operation is not aligned with the new ICAO provision on flight recorders. **Less protective or partially implemented or not implemented.**
- 6.3.4 *Standards and Recommendations:* Currently the European rules on Air Operations does not contain any provisions on "Flight crew-machine interface recording". Sweden is awaiting future amendments to the European rules on Air Operations. **Less protective or partially implemented or not implemented.**
- 6.3.5.4 *Recommendation:* The European rules on Air Operations on specific flight recorders are not fully aligned with ICAO provisions regarding FDR documentation in electronic format. Sweden is awaiting future amendments to the European rules on Air Operations. **Less protective or partially implemented or not implemented.**
- 6.3.5.5.1 *Recommendation:* The European rules on Air Operations on specific flight recorders are not fully aligned with ICAO provisions regarding combination recorders. Sweden is awaiting future European rules on Air Operations. **Less protective or partially implemented or not implemented.**
- 6.3.5.5.2 *Standard:* The European rules on Air Operations on specific flight recorders are not fully aligned with ICAO provisions regarding combination recorders. The requirement of a dual combination recorder configuration for aeroplanes with an MCTOM exceeding 15000 kg is not implemented. Sweden is awaiting future amendments to the European rules on Air Operations. **Less protective or partially implemented or not implemented.**
- 6.3.6.1 *Standard:* The European rules on Air Operations are not fully aligned with ICAO provisions regarding flight recorder data recovery. Different in character. CAT.GEN.MPA.210 is also applicable to aeroplanes with MCTOM of over 45 500 kg and less than 19 passengers. CAT.GEN.MPA.210 is applicable to every aeroplane with a CofA first issued on or after 1 January 2024. **Different in character or Other means of compliance.**
- 6.3.6.2 *Standard:* The European rules on Air Operations are not fully aligned with ICAO provisions regarding flight recorder data recovery. Different in character. CAT.GEN.MPA.210 is also applicable to aeroplanes with MCTOM of over 45 500 kg and less than 19 passengers. CAT.GEN.MPA.210 is applicable to every aeroplane with a CofA first issued on or after 1 January 2024. **Different in character or Other means of compliance.**
- 6.5.2.1 *Standard:* The European rules on Air Operations are not fully aligned with ICAO provisions regarding the carriage of life jackets in Reg. (EU) 965/2012 CAT.IDE.A.285. Sweden is awaiting future amendments to the European rules on Air Operations.
Less protective or partially implemented or not implemented.
- 6.5.3.1 *Standard:* The European rules on Air Operations are not fully aligned with ICAO provisions. The requirement applies for aeroplanes with a MCTOM of more than 27000 kg and with an MOPSC of more than 19 and all aeroplanes with an MCTOM of more than 45500 kg. The ULD might not be fitted if the aeroplane is equipped with robust and automatic means to accurately determine, following an accident where the aeroplane is severely damaged, the location of the point of end of flight.
Less protective or partially implemented or not implemented.
- 6.7.3 *Standard:* The European rules on Air Operations Reg. (EU) 965/2012, CAT.IDE.A.235(b)(4) requires a device to provide a warning indication to the flight crew of any loss of pressurisation for all pressurised aeroplanes operated at pressure altitudes above 25 000 ft. **More Exacting or Exceeds.**
- 6.10 *Standard:* The European rules on Air Operations require portable lights also during daylight.
More Exacting or Exceeds.

- 6.11.1 *Recommendation:* The European rules on Air Operations Reg. (EU) 965/2012 CAT.IDE.A.160 also requires weather detecting equipment for non-pressurised aeroplanes with an MCTOM of more than 5 700 kg; and non-pressurised aeroplanes with an MOPSC of more than nine. **More Exacting or Exceeds.**
- 6.12 *Standard:* Council directive 2013/59 EURATOM. Art 35 Protection to air crew. Act on radiation (2018:396), Ordinance on radiation (2018:506). Swedish Radiation Safety Authority regulation SSMFS (2018:11) and guidelines to the said regulation. According to 4§ SSMFS 2018:11 and guidelines alternative methods could be used.
Other Means of Compliance.
- 6.18.1 *Standard:* The European rules on Air Operations are not fully aligned with ICAO provision. The European provisions (CAT.GEN.MPA.210) requires robust and automatic means to accurately locate the point of end of flight, while transmitting a position every minute is one possible solution to address. Furthermore they are only applicable to aeroplanes with an MCTOM of more than 27 000 kg and an MOPSC of more than 19 or an MCTOM of more than 45 500 kg. Furthermore the provisions are applicable to aeroplanes first issued with an individual CofA on or after 1 January 2024. **Less protective or partially implemented or not implemented.**
- 6.18.2 *Recommendation:* The European rules on Air Operations are not aligned with ICAO provisions.
Less protective or partially implemented or not implemented.
- 6.18.3 *Standard:* The European rules on Air Operations are not yet fully aligned with ICAO provisions on operator responsibility to transmit position information when the aircraft is in distress. Reg. (EU) 965/2012 CAT.GEN:MPA.210. In the case of an ELT-based solution (in flight triggered ELT or automatic deployable flight recorder) the ELT signal is detected by COSPAS/SARSAT satellites and then it is directly transmitted to the ground and dispatched to the competent rescue coordination centre.
Different in character or other means of compliance.
- 6.19.2 *Recommendation:* European rules requires mandatory use of ACAS II SW version 7.1 for aeroplanes with an MCTOM of more than 5700 Kg or more than 19 passengers. For aeroplanes outside this category ACAS is not mandatory. If they voluntarily install ACAS, the equipment shall be ACAS II version 7.1.
Less protective or partially implemented or not implemented.
- 6.20.2 *Standard:* The European rules on Air Operations Reg. (EU) 965/2012 CAT.IDE.A.350 are not fully aligned with ICAO provisions regarding resolution of 7.62 m for the pressure altitude reporting transponder. Sweden is awaiting future amendments to the European rules on Air Operations.
Less protective or partially implemented or not implemented.
- 6.20.3
- 6.20.4 *Recommendation:* The European rules on Air Operations Reg. (EU) 965/2012 CAT.IDE.A.350 are not fully aligned with ICAO provisions regarding resolution of 7.62 m for the pressure altitude reporting transponder. Sweden is awaiting future amendments to the European rules on Air Operations.
Less protective or partially implemented or not implemented.
- 6.22.1 *Recommendation:* The European rules on Air Operations are not fully aligned with ICAO provisions regarding forward looking wind shear warning system. **Less protective or partially implemented or not implemented.**
- 6.22.2
- 7.2.9 *Standard:* The European provisions requires monitoring of height keeping performance but, but not in a specific interval. **Less protective or partially implemented or not implemented.**
- 8.2.1 *Standard:* The European rules on aeroplane maintenance are not fully aligned with ICAO provisions on human factor principles. Sweden is awaiting future amendments to the European rules on Continuing Airworthiness.
Less protective or partially implemented or not implemented.
- 8.2.3 *Standard:* Partially implemented. The European rules on aeroplane maintenance are not fully aligned with ICAO provisions. EU requirements do not explicitly describe that 'Copies of all amendments shall be furnished promptly to all organizations or persons to whom the manual has been issued.'
Less protective or partially implemented or not implemented.
- 8.2.4 *Standard:* The European rules on aeroplane maintenance are not fully aligned with ICAO provisions.
Different in character or Other means of compliance.
- 8.3.1 *Standard:* The European rules on continuing airworthiness are not fully aligned with ICAO provisions on human factor principles. Sweden is awaiting future amendments to the European rules on aeroplane maintenance.
Less protective or partially implemented or not implemented.

- 8.3.2 *Standard:* The European rules on continuing airworthiness are not fully aligned with ICAO provisions. EU provisions do not explicitly describe that 'Copies of all amendments shall be furnished promptly to all organizations or persons to whom the manual has been issued.
Less protective or partially implemented or not implemented.
- 8.4.2 *Standard:* The European rules on Continuing Airworthiness prescribe retaining periods exceeding limits in ICAO provisions. **More exacting or exceeds.**
- 8.5.2 *Standard:* The European provisions on continuing airworthiness in Reg. (EU) 1321/2014 Part M is applicable for aeroplanes with an MCTOM above 2730 kg, while Part ML applies to 2730 kg or below. This means that the mass range between 2730 and 5700 is obliged to comply with a higher standard. **More exacting or exceeds.**
- 8.8.2 *Standard:* The European rules on Continuing Airworthiness and on aeroplane maintenance are not fully aligned with ICAO provisions. Sweden is awaiting future amendments.
Less protective or partially implemented or not implemented.
- 8.8.3 *Standard:* Not implemented. **Less protective or partially implemented or not implemented.**
- 9.1.4 *Standard:* Provisions for flight navigator is not within the scope of the European rules on Air Operations.
Less protective or partially implemented or not implemented.
- 9.2 *Standard:* The European rules on Air Operation Reg. (EU) 965/2012 ORO.FC.130 (a) establishes provisions for each type and variant. ORO.GEN.110(h) requires also the use of a checklist. **More exacting or exceeds.**
- 9.4.1.1 *Standard:* For single pilot IFR, the European rules on Air Operations also requires 5 IFR flights including 3 IFR approaches in the single pilot role under Reg. (EU) 965/2012 ORO.FC.202. **More exacting or exceeds.**
- 9.4.2.1 *Standard:* In addition to the requirements in 9.4.2.1 the European rules also requires at least three sectors.
More exacting or exceeds.
- 9.4.3.3 *Standard:* The European rules on Air Operations have implemented provisions on categorisation of aerodromes (A, B, C) depending on how demanding/not demanding the aerodrome is. Rules achieve same safety level even though the classification is slightly different. For reference see Reg. (EU) 965/2012, ORO.FC.105 (b)(2)&(c), AMC1 ORO.FC.105(b)(2);(c) pts. (a), (b) & (c), AMC2 ORO.FC.105(c) pts. (a) & (b).
Different in character or Other means of compliance.
- 9.4.4.1 *Standard:* The European rules on Air Operations allows an Alternative Training and Qualification Program (ATQP) as an alternative to the prescriptive training requirements. Even though checking intervals can be extended, the same or even higher level needs to be achieved. For operations under VFR by day of performance class B aeroplanes conducted during seasons not longer than 8 consecutive months one OPC is sufficient.
Different in character or Other means of compliance.
- 10.1 *Standard:* The European rules on Air Operations does not give any formal status to flight operations officers/flight dispatchers as European rules on Air Operation doesn't require licensing of operations officers/flight dispatchers. The European rules on Air Operations requires an operator to ensure that the operations manual contains instructions and information necessary for operations personnel to perform their duty including training for those other than crew members.
Less protective or partially implemented or not implemented.
- 10.2
- 10.3 *Standard:* The European rules on Air Operations do not give any formal status to flight operations officers/flight dispatchers as European rules doesn't require licensing of operations officers/flight dispatchers. The European rules on Air Operations requires an operator to ensure that the operations manual contains instructions and information necessary for operations personnel to perform their duty including training for those other than crew members.
Less protective or partially implemented or not implemented.
- 10.4 *Recommendation:* The European rules on Air Operations do not give any formal status to flight operations officers/flight dispatchers as European rules doesn't require licensing of operations officers/flight dispatchers. Sweden requires an operator to ensure that the operations manual contains instructions and information necessary for operations personnel to perform their duty including training for those other than crew members.
Less protective or partially implemented or not implemented.
- 10.5

- 11.4.3 *Recommendation:* The European rules on Air Operations only requires a 3 months storage period. Sweden is awaiting future amendments to the European rules on Air Operations.
Less protective or partially implemented or not implemented.
- 11.6 *Standard:* The European rules on Air Operations Reg. (EU) 965/2012 CAT.GEN.MPA.195 requires preservation of original recorded data after an accident or serious incident or an occurrence identified by the investigating authority. In the absence of indication from the investigating authority, the operator is not required to preserve the data for more than 60 days after the accident or serious incident. AMC3 ORO.MLR.100 lists the minimum information to be contained by the operations manual. According to AMC3 ORO.MLR.100, Part A, section 11 of the operations manual should contain procedures for the preservation of recordings.
Less protective or partially implemented or not implemented.
- 12.4 *Standard:* In addition to the completion of initial training required by the Air Ops Regulation, the Aircrew Regulation also requires the issuing of a cabin crew attestation to each cabin crew member who will be operating in CAT operations. This attestation is considered valid as long as the holder acts as cabin crew member and completes the other training required by the Air Ops Regulation. If a holder stops operating during more than 5 years, his/her attestation becomes invalid and initial training has to be completed again.
More Exacting or Exceeds.
- 15.1 *Standard:* The European rules on Air Operations are not fully aligned with ICAO provisions. Sweden is awaiting future amendments. Rulemaking activities has started. No difference is expected after end of 2025. See EASA NPA 2022-11.
Less protective or partially implemented or not implemented.
- 15.2 *Standard:* The European rules on Air Operations are not fully aligned with ICAO provisions. Sweden is awaiting future amendments. Rulemaking activities has started. No difference is expected after end of 2025. See EASA NPA 2022-11.
Less protective or partially implemented or not implemented.
- ANNEX 6 Part II
(*Eleventh Edition, July 2022 including amd. 40*)
- 1.1 *Aerial work:* Search and rescue operations are not included in Specialised Operations (SPO) in the EU system. They are covered at national level. The term 'specialised operations' is used and defined instead of 'aerial work'. **Different in character or other means of compliance.**
- 1.1 *Aerodrome operating minima:* The EU rules are using the old approach classification. Rulemaking Task RMT.0379 will transpose the ICAO def. and concepts (2D, 3D) into R. (EU) 965/2012. **Different in character or other means of compliance.**
- 1.1 *Combined vision system (CVS):* Term not used in R. (EU) 965/2012. This definition will be inserted in R965 through RMT.0379 (AWO). **Less protective or partially implemented or not implemented.**
- 1.1 *Operating base:* The concept of 'principal place of business' is used in the Air Ops rules. It is defined in Annex I of R. (EU) 965/2012. GM18 to Annex I provides more explanations on the use and meaning of this term for non-commercial operations. **Different in character or other means of compliance.**
- 1.1 *Synthetic vision system (SVS):* Term not used in R. (EU) 965/2012. This definition will be inserted in R965 through RMT.0379 (AWO). **Less protective or partially implemented or not implemented.**
- 1.1 *Continuous Descent Final Approach (CDFA):* The application of the CDFA technique to apply until circling approach minima (circling OCA/H) or visual flight manoeuvre altitude/height are reached, are planned to be transposed into Regulation (EU) No 965/2012 through the EASA rulemaking task RMT.0379 All-Weather Operations, the Opinion of which is expected to be published in 2021.
Less protective or partially implemented or not implemented.
- 2.1.1.5 *Recommendation:* No specific requirement for non-commercial operations with other-than complex motorpowered aircraft (NCO). **Less protective or partially implemented or not implemented.**
- 2.1.4 *Standard:* Specific Approvals (SPA) must be issued by the State of the Operator. In addition to the specific approvals listed in Appendix 2.4, SPA are also required for transport of Dangerous Goods and EFB. No difference if the specific approvals for PBN, MNPS, RVSM and LVO are issued for non-commercial operators using aircraft registered in a third country. **Different in character or other means of compliance.**

- 2.2.2.2.1 *Standard:* In NCC, the rule addresses to the operator, not to the PIC. For low visibility operations (LVO), it is the competent authority as established by Annex V (Part SPA): State of the Operator if the aircraft is registered in an EU Member State; or State of Registry if the aircraft is registered in a third country and the State of Registry has already issued the LVO specific approval. **Different in character or other means of compliance.**
- 2.2.2.2.1.1 *Standard:* R.965/2012 currently allows only operational credits for HUDs and EVS. Therefore SVS and CVS rules are more exacting or exceed the provisions of ICAO. The approval for additional operational credits will be introduced through RMT.0379 (All-Weather Operations (AWO)). Classification aspect not mentioned in SPA.LVO.100. For non-commercial operators, the State of Operator approves the operational credits instead of the State of Registry. **Less protective or partially implemented or not implemented.**
- 2.2.2.2.2 *Standard:* Different in character. R.965/2012 has not yet transposed the new approach classification. The EU rules do not yet classify approach operations by Type A and B. RMT 0379 (AWO) is envisaged to update the approach classification, including the removal of the definitions for Category (CAT) IIIA, IIIB and IIIC which are still being used in EU-rules. **Different in character or other means of compliance.**
- 2.2.2.2.3 *Standard:* R.965/2012 has not yet transposed the new approach classification. It will be introduced via RMT.0379 (AWO). No distinction between CDFA with manual calculation (2D) and CDFA with VNAV (3D). **Different in character or other means of compliance.**
- 2.2.2.2.4
- 2.2.3.4.3 *Standard:* No margin defined for destination aerodrome in NCC.OP.150, NCC.OP.180: but margin defined in NCC.OP.151 and NCO.OP.140 for alternate aerodromes. Margin not defined in NCO.OP.160. It is the State of Operator instead of the State of Registry that shall establish those criteria. **Less protective or partially implemented or not implemented.**
- 2.2.3.5 *Standard:* Requirement (a)(2) for separate runways to be usable at the estimated time of use of the destination aerodrome with at least one runway having a operational instrument approach procedure is not implemented in the EU rules. EU rules require a period commencing one hour before and ending one hour after the estimated time of arrival at the aerodrome in accordance with 2.2.3.4.3. EU rules do not require a point of no return but instead require always to have an alternate aerodrome (with very few exceptions e.g. isolated aerodrome) and other conditions (e.g. EU rules require fuel for 2 hours). **Less protective or partially implemented or not implemented.**
- 2.2.3.6.1 *Standard:* Part-NCO allows for lower criteria for VFR A-to A flights when remaining in sight of the aerodrome/landing site. **Less protective or partially implemented or not implemented.**
- 2.2.3.7 *Recommendation:* The EU rules do not allow refueling with passengers on board when aviation gasoline (AVGAS) or wide-cut type fuel or a mixture of these types of fuel are being used. **More Exacting or Exceeds.**
- 2.2.4.6 *Recommendation:* The EU rules contain an alleviation to the availability and use of oxygen on board under NCO.OP.190 and AMC1 NCO.OP.190(a). The PIC can decide to fly at any altitude without using oxygen, and without oxygen being available. AMC1 NCO.OP.190(a) additionally states: "(...) the PIC should: (...) (b)(2) if detecting early symptoms of hypoxia conditions: (i) consider to return to a safe altitude, and (ii) ensure that supplemental oxygen is used, if available." No difference for Part-NCC. **Less protective or partially implemented or not implemented.**
- 2.4.2.2 *Standard:* ELA1 aeroplanes, i.e. aeroplanes with a Maximum Take-off Mass (MTOM) of 1200 kg or less that is not classified as complex motor-powered aircrafts, are exempt from the hand fire extinguisher requirement in NCO.IDE.A.160. For NCC operators in the EU, the State of the Operator is the competent authority not the State of Registry. The State of the Operator also issues the specific approvals. **Less protective or partially implemented or not implemented.**
- 2.4.2.3 *Standard:* Only for Large Aeroplanes Initial CofA after 18 Feb 2020 (lavatory) and 18 May 2019 (portable). No reference for Part-NCO, as it is very unlikely that an NCO aircraft has a lavatory. **Less protective or partially implemented or not implemented.**

- 3.4.3.5.3 *Standard:* European rules do not break down the amount of fuel by phases of flight. **Different in character or other means of compliance.**
- 3.4.3.5.4 *Recommendation:* R. (EU) 965/2012 requires a mandatory final reserve fuel (FRF) of 30 minutes (VFR by day) or 45 minutes (VFR by night and IFR). **More Exacting or Exceeds.**
- 3.4.3.6.2 *Standard:* Part-NCC does not define final reserve fuel as such. Instead NCC.OP.130 gives the amount of minutes for the required final reserve fuel. **Different in character or other means of compliance.**
- 3.4.3.7 *Standard:* Part NCC does not provide such a requirement. **Less protective or partially implemented or not implemented.**
- 3.4.3.8.1 *Standard:* EU rules do not allow embarking, on board or disembarking of passengers while refueling with AVGAS or wide cut type fuel or a mixture of these fuel types. **More Exacting or Exceeds.**
- 3.5.2.3 *Standard:* For operators using third country registered aircraft, the State of Operator shall establish those criteria. **Different in character or other means of compliance.**
- 3.6.1.1 *Standard:* In the EU system, the State of Operator is responsible for approving the MEL. **Different in character or other means of compliance.**
- 3.6.3.1.1.1 *Standard:* Carriage of a flight data recorder is required only for aeroplanes first issued with an individual CofA on or after 1 January 2016. **Less protective or partially implemented or not implemented.**
- 3.6.3.1.1.2
- 3.6.3.1.1.3 *Recommendation:* Carriage of a flight data recorder is required only for aeroplanes first issued with an individual CofA on or after 1 January 2016. **Less protective or partially implemented or not implemented.**
- 3.6.3.2.1.1 *Standard:* NCC.IDE.A.160 (a)(2) is applicable to aeroplanes for which the type certificate is issued after 1 January 2016, while 3.6.3.2.1 criterion is the date of submission of the application for a type certificate. **More exacting or exceeds.**
- 3.6.3.2.1.2 *Standard:* NCC.IDE.A.160(a)(1) only requires a CVR for aeroplanes above 27 000 kg MCTOM which were first issued with an individual CofA on or after 1 Jan 2016. **Less protective or partially implemented or not implemented.**
- 3.6.3.2.1.3 *Recommendation:* NCC.IDE.A.160(a)(1) and (2) only requires a CVR for aeroplanes that were first issued with an individual CofA on or after 1 Jan 2016 (see (a)(1)) or for which a type certificate was first issued on or after 1 Jan 2016 (see (a)(2)). **Less protective or partially implemented or not implemented.**
- 3.6.8.2.1 *Recommendation:* The European regulatory system only requires it when the individual CofA was issued after 31 December 1980. **Less protective or partially implemented or not implemented.**
- 3.6.9.1 *Recommendation:* European Regulatory system requires ACAS II for turbine engine aeroplanes with an MCTOM of more than 5700 kg or MOPSC of more than 19. **More exacting or exceeds.**
- 3.8.1.2. *Recommendation:* Initial and continuation training are not specifically addressed in M.A.607 or Human Factors. **Less protective or partially implemented or not implemented.**
- 3.8.2.1 *Recommendation:* Part M, Part CAMO and Part CAO do not observe Human Factors principles in the design of the Maintenance Control Manual. **Less protective or partially implemented or not implemented.**
- 3.8.3.1 *Standard:* Part M Subpart G, Part CAMO and Part CAO do not observe Human Factors principles in the design of the Maintenance Programme. **Less protective or partially implemented or not implemented.**
- 3.8.3.2 *Standard:* EU requirements are not as explicit. **Different in character or other means of compliance.**
- 3.8.4 *Standard:* For the transmission of the information as per Annex 8 there is no alleviation related to MTOW – required from all aeroplanes' owners. **More exacting or exceeds.**
- 3.8.5.2 *Standard:* Maintenance and release to service by a person can be performed by Part MF or Part CAO. Part M subpart F can be applied until 8-7-2021. **Less protective or partially implemented or not implemented.**
- 3.10.0.1 *Recommendation:* The human factor element of training is not specifically mentioned in ORO.GEN.110.Minimum training requirements for OCC personnel will be addressed in RMT.0392. **Less protective or partially implemented or not implemented.**

ANNEX 6 Part III - INTERNATIONAL OPERATIONS – HELICOPTERS
(Eleventh Edition, July 2022, amd. 24)

Section I GENERAL

Chapter 1 Definitions

1.0.3 Airworthy

Less protective or partially implemented or not implemented.

Details of Difference: No definition as such.

1.0.3 Configuration deviation list (CDL)

Less protective or partially implemented or not implemented.

Details of Difference: Not defined as a term.

1.0.3 Flight crew member

Not Applicable.

State reference: No definition.

1.0.3 Maintenance organization's procedures manual

Less protective or partially implemented or not implemented.

Details of Difference: Not implemented as a term.

1.0.3 Maintenance programme

Less protective or partially implemented or not implemented.

Details of Difference: Not implemented as a term.

1.0.3 Maintenance release

Less protective or partially implemented or not implemented.

Details of Difference: Not implemented as a term.

1.0.3 Operator's maintenance control manual

Less protective or partially implemented or not implemented.

Details of Difference: Not implemented as a term.

1.0.3 Required communication performance (RCP)

Less protective or partially implemented or not implemented.

Details of Difference: Term not used.

RMK: Defined in EUROCAE ED-78A/RTCA DO-264.

1.0.3 Required communication performance type (RCP type)

Less protective or partially implemented or not implemented.

Details of Difference: Term not used.

RMK: Defined in EUROCAE ED-78A/RTCA DO-264.

1.0.3 Take-off and initial climb phase

Less protective or partially implemented or not implemented.

Details of Difference: No definition as such. Explanation used in European rules. Same safety margins. But differences exist depending of the performance class of the Helicopter. RMK: For performance class 1 and 2 "take off phase" is used. For performances class 3 "take off and landing phases" are used. Different requirement of height (300 m for ICAO) in all of them.

Section II INTERNATIONALCOMMERCIAL AIR TRANSPORT

Chapter 1 General

1.1.5 Responsibility for operational control shall be delegated only to the pilot-in-command and to a flight operations officer/flight dispatcher if an operator's approved method of control and supervision of flight operations requires the use of flight operations officer/flight dispatcher personnel.

Less protective or partially implemented or not implemented.

State reference: ORO.GEN. 110, AMC1 ORO.GEN. 110(c). Details of Difference: Reg. (EU) 965/2012 doesn't require licensing of operations officer or flight dispatcher.

1.3.1 Safety management

Note – Annex 19 includes safety management provisions for air operators. Further guidance is contained in the Safety Management Manual (SMM) (Doc 9859).

Less protective or partially implemented or not implemented.

Details of Difference: not transposed to (EU) 965/2012.

- 1.3.2 A flight data analysis programme shall be non-punitive and contain adequate safeguards to protect the source(s) of the data.
Less protective or partially implemented or not implemented.
Details of Difference: No requirement for a flight data analysis programme for helicopter operations.
- Chapter 2 Flight Operations
- 2.3.8.2 A flight to be operated with a pressurized helicopter shall not be commenced unless a sufficient quantity of stored breathing oxygen is carried to supply all the crew members and passengers.
Not applicable
Not Applicable.
State reference: No regulation.
RMK: No rules as there are no pressurized helicopters operated in the EU.
- 2.4.6 Safeguarding of cabin crew and passengers in pressurized aircraft in the event of loss of pressurization.
Not applicable
Less protective or partially implemented or not implemented.
State reference: CAT.OP.MPA.285.
Details of Difference: Art 38.
RMK: Art 38; No rules, as there are no pressurized helicopters operated in the EU.
CAT.OP.MPA.285 is the only requirement at this stage.
- 2.6.1 Duties of flight operations officer/flight dispatcher.
Less protective or partially implemented or not implemented.
Details of Difference: The European rules do not required flight operations officer.
- 2.6.2 In the event of an emergency, a flight operations officer/flight dispatcher shall:…
Not applicable
Not Applicable.
Details of Difference: The European rules do not required flight operations officer.
- Chapter 4 Helicopter Instruments, Equipment, and Flight Documents
- 4.3.1.1.1 Flight recorders
State reference: 4.3; Note 1: There is no definition for crash-protected flight recorder; Note 2: AMC1 CAT.IDE.H.200; Note 4 and 7: There is no definition for lightweight flight recorder; 4.3.1 Note 5 AMC1 CAT.IDE.H.190; Note 6 AMC1 CAT.IDE.H.190 and AMC2 CAT.IDE.H.190; 4.3.11 CAT.IDE.H.190 (b)(3).
Less protective or partially implemented or not implemented.
Details of Difference: For installation design requirements, refer to applicable certification specifications (CS 29.1457 for CVR and CS 29.1459 for FDR).

For equipment design requirements, refer to applicable ETSOs (C123 for CVR, C124 for FDR, C176 for AIR, C177 for DLR, 2C197 for ADRS and CARS).
AMC1 CAT.IDE.H.190 recommends compliance with ED-112 only for helicopters manufactured on or after 01 January 2016.
- 4.3.1.2.3 *Recommendation:* All helicopters of a maximum certificated take-off mass of over 3 180 kg, up to and including 7 000 kg, for which the individual certificate of airworthiness is first issued on or after 1 January 1989, should be equipped with a Type V FDR.
Less protective or partially implemented or not implemented.
State reference: CAT.IDE.H.190 (a)(1) and (b)(2).
Details of Difference: Required for helicopters first issued with an individual CofA on or after 01 August 1999.
- 4.3.1.2.4 All turbine-engined helicopters of a maximum certificated take-off mass of over 2 250 kg, up to and including 3 180 kg for which the application for type certification was submitted to a Contracting State on or after 1 January 2018 shall be equipped with:
a) a Type IV A FDR; or
b) a Class C AIR capable of recording flight path and speed parameters displayed to the pilot(s); or c) an ADRS capable of recording the essential parameters defined in Table A5-3 of Appendix 5.
Less protective or partially implemented or not implemented.
State reference: CAT.IDE.H.190 (a).
Details of Difference: Not implemented. To be developed under RMT.0271.
- 4.3.1.2.5 *Recommendation:* All helicopters of a maximum certificated take-off mass of 3 180 kg or less for which the individual certificate of airworthiness is first issued on or after 1 January 2018 should be equipped with:
a) a Type IV A FDR; or
b) a Class C AIR capable of recording flight path and speed parameters displayed to the pilot(s); or
c) an ADRS capable of recording the essential parameters defined in Table A5-3 of Appendix 5.
Less protective or partially implemented or not implemented.
State reference: CAT.IDE.H.190 (a).
Details of Difference: Not implemented. To be developed under RMT.0271.

- 4.3.1.3.2 *Recommendation:* The use of analogue FDRs using frequency modulation (FM) should be discontinued.
Less protective or partially implemented or not implemented.
State reference: CAT.IDE.H.190 (a).
Details of Difference: Discontinuation of frequency modulation FDR not implemented, European rules allows the use of it.
- 4.3.1.3.4 The use of analogue FDRs using frequency modulation (FM) shall be discontinued by 1 January 2012.
Less protective or partially implemented or not implemented.
State reference: CAT.IDE.H.190 (a).
Details of Difference: Discontinuation of frequency modulation FDR not implemented.
- 4.3.1.3.5 *Recommendation:* The use of magnetic tape FDRs should be discontinued by 1 January 2011.
Less protective or partially implemented or not implemented.
State reference: CAT.IDE.H.190 (a).
Details of Difference: Discontinuation of frequency modulation FDR not implemented.
- 4.3.1.3.6 The use of magnetic tape FDRs shall be discontinued by 1 January 2016.
Less protective or partially implemented or not implemented.
State reference: CAT.IDE.H.190 (a).
Details of Difference: Discontinuation of frequency modulation FDR not implemented.
- 4.3.1.4 Duration
Types IV, IVA and V FDRs shall be capable of retaining the information recorded during at least the last ten hours of their operation.
Less protective or partially implemented or not implemented.
State reference: CAT.IDE.H.190 (b).
Details of Difference: Only in the case of helicopters first issued with an individual CofA on or after 01 January 2016 (corresponding to type IVA) is the FDR required to record data for at least the preceding 10 hours.
- 4.3.2.1.1 Cockpit voice recorders
Less protective or partially implemented or not implemented.
State reference: AMC1 CAT.IDE.H.185.
Details of Difference: Compliance with ED-112 is only required for helicopters first issued with an individual CofA on or after 01 January 2016.
- 4.3.2.2 Discontinuation
- 4.3.2.2.1 The use of magnetic tape and wire CVRs shall be discontinued by 1 January 2016.
Less protective or partially implemented or not implemented.
State reference: CAT.IDE.H.185.
RMK: Discontinuation of magnetic tape CVR not implemented, however Opinion 01/2014 proposes discontinuation by 01 January 2019.
- 4.3.2.2.2 *Recommendation:* The use of magnetic tape and wire CVRs should be discontinued by 1 January 2011.
Less protective or partially implemented or not implemented.
State reference: CAT.IDE.H.185.
RMK: Discontinuation of magnetic tape CVR not implemented, however Opinion 01/2014 proposes discontinuation by 01 January 2019.
- 4.3.2.3.3 *Recommendation:* All helicopters for which the individual certificate of airworthiness is first issued on or after 1 January 1990, and that are required to be equipped with a CVR, should have a CVR capable of retaining the information recorded during at least the last two hours of its operation.
Less protective or partially implemented or not implemented.
State reference: CAT.IDE.H.185.
Details of Difference: Not implemented.
- 4.3.3.1.2 All helicopters which are modified on or after 1 January 2016 to install and utilize any of the data link communications applications listed in 5.1.2 of Appendix 5 and are required to carry a CVR shall record on a flight recorder the data link communications messages.
Less protective or partially implemented or not implemented.
State reference: CAT.IDE.H.195.
Details of Difference: Not implemented.
- 4.3.4.4 Flight recorders electronic documentation
Recommendation: The documentation requirement concerning FDR parameters provided by operators to accident investigation authorities should be in electronic format and take account of industry specifications.
State reference: CAT.GEN.MPA.195 (d);
Details of Difference: It is not required that the FDR documentation is in electronic format.

- 4.4.4 *Recommendation:* A helicopter when operating in accordance with IFR and which has a maximum certificated take-off mass in excess of 3 175 kg or a maximum passenger seating configuration of more than 9 should be equipped with a ground proximity warning system which has a forward-looking terrain avoidance function.
Less protective or partially implemented or not implemented.
Details of Difference: European rules do not require Ground Proximity Warning system for helicopters.
- 4.5.2.8 *Recommendation:* On any helicopter for which the individual certificate of airworthiness was first issued before 1 January 1991, the provisions of 4.5.2.6 and 4.5.2.7 should be complied with no later than 31 December 1992.
Not applicable
Not applicable.
Details of Difference: The AMC is applicable to all helicopters regardless of the date of issuance of the CofA.
- 4.5.3.2 *Recommendation:* For offshore operations, a survival suit should be worn by all occupants when the sea temperature is less than 10°C or when the estimated rescue time exceeds the calculated survival time. When the elevation and strength of the sun results in a high temperature hazard on the flight deck, consideration should be given to alleviating the flight crew from this recommendation. **Less protective or partially implemented or not implemented.**
State reference: CAT.IDE.H.295; GM1 CAT.IDE.H.295;
Details of Difference: Considerations on sun not included.
- 4.8.4 *Recommendation:* A helicopter intended to be operated at flight altitudes at which the atmospheric pressure is more than 376 hPa which cannot descend safely within four minutes to a flight altitude at which the atmospheric pressure is equal to 620 hPa, and for which the individual certificate of airworthiness was issued before 9 November 1998, should be provided with automatically deployable oxygen equipment to satisfy the requirements of 2.3.8.2. The total number of oxygen dispensing units should exceed the number of passenger and cabin crew seats by at least 10 per cent.
Less protective or partially implemented or not implemented.
Details of Difference: Not implemented.
- 4.15 Vibration health monitoring system
Recommendation: A helicopter which has a maximum certificated take-off mass in excess of 3 175 kg or a maximum passenger seating configuration of more than 9 should be equipped with a vibration health monitoring system.
Less protective or partially implemented or not implemented.
Details of Difference: NPA 2013-10; Req offshore in hostile sea.; NPA 2013-22 Not req. onshore.
- Chapter 6 Helicopter Maintenance
- 6.1.3 When the State of Registry accepts an equivalent system, the person signing the maintenance release shall be licensed in accordance with Annex 1.
Not applicable
Not applicable.
- 6.2.1 Operator's maintenance control manual
The operator shall provide, for the use and guidance of maintenance and operational personnel concerned, a maintenance control manual, acceptable to the State of Registry, in accordance with the requirements of 9.2. The design of the manual shall observe Human Factors principles.
Less protective or partially implemented or not implemented.
State reference: M.A.704 (a) AMC M.A.704 point 4, Appendix V to AMC M.A.704.
Details of Difference: Non-compliance is only identified in relation to the HF Requirement;
RMK: M.A.704 (a) requires to provide the CAME although it is not specified to whom. The AMC requires the personnel to be familiar with the relevant parts of the manual. The manual is approved by the State of Operator, due to mutual recognition is valid for the State of Registry within EASA MS.
- 6.2.4 The operator shall provide the State of the Operator and the State of Registry with a copy of the operator's maintenance control manual, together with all amendments and/or revisions to it and shall incorporate in it such mandatory material as the State of the Operator or the State of Registry may require.
Less protective or partially implemented or not implemented.
State reference: Part-M M.A.704(b), AMC M.A.704 point 6, Appendix V to AMC M.A.704, Part-M M.B.104(b)(8).
Details of Difference: Non-compliance relates to the requirement to provide the manual to the State of Registry if different from the SofO. It is currently required to be approved by the State of Operator; RMK: Within the member States this requirement is compensated by the mutual recognition.

- 6.3 Maintenance programme
- 6.3.1 The operator shall provide, for the use and guidance of maintenance and operational personnel concerned, a maintenance programme, approved by the State of Registry, containing the information required by 9.3. The design and application of the operator's maintenance programme shall observe Human Factors principles.
Less protective or partially implemented or not implemented.
State reference: Part-M M.A.302(b), AMC 145.45(b)(2), Part-145 145.A.47(b).
Details of Difference: Non-compliance is in relation to the requirement for HF in MP design.
RMK: Current Maintenance programme should be provided by the operator as part of the maintenance data in accordance with Part-145. For the application of MP the HF principles are taking into account with 145.A.47 production planning.
- 6.4 Maintenance records
- 6.4.1 **Less protective or partially implemented or not implemented.**
State reference: Part-M M.A.305(h).
Details of Difference: Non-compliance refers to the item f) where only aircraft and service LLP's records in are concerned Part-M.
RMK: Also Part-M requires the Technical Logbook to be kept for 36 months.
- 6.7.2 A maintenance release shall contain a certification including:
a) basic details of the maintenance carried out including detailed reference of the approved data used;
b) date such maintenance was completed;
c) when applicable, the identity of the approved maintenance organization; and
d) the identity of the person or persons signing the release.
Less protective or partially implemented or not implemented.
State reference: 145.A.50 (a), AMC 145.A.50 (b), Block 14b of item 5 of Appendix II to Part-M.
Details of Difference: Non-compliance is identified in relation to the requirement for Certifying Personnel identity in the aircraft CRS.
RMK: Partially EASA requirement exceeds ICAO Standard, because of an additional requirement for information on any life or overhaul limitation in terms of date/flying hours/cycles/landings etc.
- Chapter 8 Flight Operations Officer/Flight Dispatcher
- 8.1 *Not applicable* When the State of the Operator requires that a flight operations officer/flight dispatcher, employed in conjunction with an approved method of control and supervision of flight operations be licensed, that flight operations officer/flight dispatcher shall be licensed in accordance with the provisions of Annex 1.
Not applicable.
State reference: ORO.GEN.110.
Details of Difference: Not implemented.
RMK: No requirement for flight operations officer/flight dispatchers to be licensed.
- 8.2 In accepting proof of qualifications other than the option of holding of a flight operations officer/flight dispatcher licence, the State of the Operator, in accordance with the approved method of control and supervision of flight operations, shall require that, as a minimum, such persons meet the requirements specified in Annex 1 for the flight operations officer/flight dispatcher licence.
Less protective or partially implemented or not implemented.
State reference: ORO.GEN.110.
Details of Difference: No detailed requirement for flight dispatchers training.
RMK: Article 38.
- 8.3 A flight operations officer/flight dispatcher shall not be assigned to duty unless ...
Less protective or partially implemented or not implemented.
State reference: ORO.GEN.110.
Details of Difference: No detailed requirement for flight dispatchers training.
RMK: Article 38.
- 8.4 *Recommendation:* A flight operations officer/flight dispatcher assigned to duty should maintain complete familiarization with all features of the operations which are pertinent to such duties, including knowledge and skills related to human performance.
Less protective or partially implemented or not implemented.
State reference: ORO.GEN.110, ORO.AOC.135.
Details of Difference: Not transposed.
- 8.5 *Recommendation:* A flight operations officer/flight dispatcher should not be assigned to duty after 12 consecutive months of absence from such duty, unless the provisions of 8.3 are met.
Less protective or partially implemented or not implemented.
Details of Difference: Not transposed.

Chapter 9 Manuals, Logs and Records

- 9.2 Operator's maintenance control manual.
Less protective or partially implemented or not implemented.
 State reference: Appendix V to AMC M.A.704, Part 5, 5.6; n/a, Part-M M.A.704(a)(3), Part-M M.A.704(a)(9), Appendix V to AMC M.A.704, Part 1, 1.3, Appendix V to AMC M.A.704, Part 1, 1.5;1,8, Appendix V to AMC M.A.704, Part 1, 1.8, Appendix V to AMC M.A.704, Part 1, 1.6, Appendix V to AMC M.A.704, Part 1, 1.4, Appendix V to AMC M.A.704, Part 1, 1.5, Appendix V to AMC M.A.704, Part 0, 0.2, Appendix V to AMC M.A.704, Part 1, 1.1, 1.8, Appendix V to AMC M.A.704, Part 1, 1.8, Part-M M.A.704(a)(8), Appendix V to AMC M.A.704, Part 0, 0.6.
 Details of Difference: No procedures are foreseen in accordance with item m) because under the AIR OPS in most of the cases Regulation 2042/2003 applies. The Non-compliance could be only in case AMC1 ORO.AOC.110(c) – special continuing airworthiness requirements related to the 'wetlease in' of the aircraft from the 3d country.
- 9.4.2 *Recommendation:* Entries in the journey log book should be made currently and in ink or indelible pencil.
Less protective or partially implemented or not implemented.
 Details of Difference: Not transposed.
- 9.4.3 *Recommendation:* Completed journey log books should be retained to provide a continuous record of the last six months' operations .
Less protective or partially implemented or not implemented.
 State reference: ORO.MLR.115.
 Details of Difference: 3 months storage period required under Reg. 965/2012.

ANNEX 7 – AIRCRAFT NATIONALITY AND REGISTRATION MARKS

(Sixth Edition, July 2012, amd. 7)

- 3 Unmanned free balloons are exempted from registration and therefore have no marks or identification plates.
 4.2
 8
- 7 No centralized register of unmanned free balloons is kept. Launching of free balloons requires prior permission from Swedish Transport Agency.
- 3.6 In the Swedish aircraft register the following three-letter combination exists following the country code SE- TTT, XXX and ZZZ.

ANNEX 8 – AIRWORTHINESS OF AIRCRAFT

(Thirteenth Edition, November 2022, amd. 109)

- Part II EASA format only describes category, and not permitted operations.
 Chapter 3.3
 Standard
 form of
 Certificates
 of Air-
 worthiness
- Part IVB Not implemented.
 Chapter 4.7
 Ground
 handling

ANNEX 9 – FACILITATION

(Sixteenth Edition, July 2022)

No differences.

ANNEX 10 – AERONAUTICAL TELECOMMUNICATIONS

Volume I (Seventh Edition, July 2018, amd. 92)

No differences.

Volume II (*Seventh Edition, July 2016, amd. 92*)

- Chapter 5 SERA.14035 Transmission of numbers in radiotelephony
- 5.2.1.4.1 (a) Transmission of numbers (1) All numbers used in the transmission of aircraft call sign, headings, runway, wind direction and speed shall be transmitted by pronouncing each digit separately.
- (i) Flight levels shall be transmitted by pronouncing each digit separately except for the case of flight levels in whole hundreds.
- (ii) The altimeter setting shall be transmitted by pronouncing each digit separately except for the case of a setting of 1000 hPa which shall be transmitted as 'ONE THOUSAND'.
- (iii) All numbers used in the transmission of transponder codes shall be transmitted by pronouncing each digit separately except that, when the transponder codes contain whole thousands only, the information shall be transmitted by pronouncing the digit in the number of thousands followed by the word 'THOUSAND'.
- (2) All numbers used in transmission of other information than those described in point (a)(1) shall be transmitted by pronouncing each digit separately, except that all numbers containing whole hundreds and whole thousands shall be transmitted by pronouncing each digit in the number of hundreds or thousands followed by the word 'HUNDRED' or 'THOUSAND', as appropriate. Combinations of thousands and whole hundreds shall be transmitted by pronouncing each digit in the number of thousands followed by the word 'THOUSAND', followed by the number of hundreds, followed by the word 'HUNDRED'.
- (3) In cases where there is a need to clarify the number transmitted as whole thousands and/or whole hundreds, the number shall be transmitted by pronouncing each digit separately.
- (4) When providing information regarding relative bearing to an object or to conflicting traffic in terms of the 12-hour clock, the information shall be given pronouncing the digits together such as 'TEN O'CLOCK' or 'ELEVEN O'CLOCK'.
- (5) Numbers containing a decimal point shall be transmitted as prescribed in point (a)(1) with the decimal point in appropriate sequence indicated by the word 'DECIMAL'.
- (6) All six digits of the numerical designator shall be used to identify the transmitting channel in Very High Frequency (VHF) radiotelephony communications except in the case of both the fifth and sixth digits being zeros, in which case only the first four digits shall be used.

- Chapter 5 ICAO Annex 10, Volume II, Chapter 5.2.1.7.3.2.3 is transposed in point SERA.14055 of Implementing
- 5.2.1.7.3.2.3 Regulation (EU) No 923/2012 with a difference. The difference between that ICAO Standard and that EU Regulation is as follows:
- SERA.14055 Radiotelephony procedures
- (b) (2) The reply to the above calls shall use the call sign of the station calling, followed by the call sign of the station answering, which shall be considered an invitation to proceed with transmission by the station calling. For transfers of communication within one ATS unit, the call sign of the ATS unit may be omitted, when so authorised by the competent authority.

| Volume III (*Second Edition, July 2007, amd. 91*)

| No differences.

| Volume IV (*Fifth Edition, July 2014, amd. 91*)

| Chapter 4

| 4.3.2 ACAS X provisions not implemented.

| 4.3.3.3.1.2

| 4.3.4.2

| 4.3.4.3.1

| 4.3.4.3.4.2

| 4.3.4.6

| 4.3.4.7

| 4.3.5.1.2.2

| 4.3.5.4.2

| 4.3.5.5.2

| 4.3.7.1.3

| 4.3.7.3.4.2

| 4.3.8.4.2.2.2

| 4.3.8.4.2.2.3 Not implemented.

| 4.5.1.6.2 Difference to reduce false alerts for ACAS II ver. 7.1 with hybrid surveillance not implemented

| Volume V (*Third Edition, July 2013, amd. 89*)

| 4.5.1.6.2 No differences.

ANNEX 11 – AIR TRAFFIC SERVICES
(Fifteenth Edition, July 2018, amd. 52)

Chapter 2

2.6.3 A higher speed may be approved by the competent authority for aircraft types which for technical or safety reason cannot maintain the speed limit of 250 kt in airspace class C for VFR flights and in airspace G for IFR and VFR flights.

2.26.5 Time checks shall be given at least to the nearest minute.

Chapter 3

3.3.1 Regulation (EU) No 923/2012). SERA.5010(c) introduces an accurate description of and requirements for special VFR.

3.3.4 Regulation (EU) No 923/2012). SERA.8005(b) in addition to the ICAO provisions requires the agreement of the pilot of the other aircraft, the maintenance of own separation and allow this exception below 3050 m (10000 ft) during climb or descent, during day.

3.7.3.1 Regulation (EU) No 923/2012) In addition to the ICAO standard in point b), point SERA.5015(e)(ii) also includes 'taxi'; in point c), point SERA.5015(e)(iii) also includes 'the newly assigned communication channels'.

3.7.3.1.1 Regulation (EU) No 923/2012, paragraph SERA.8015(e)(2), includes 'taxi instructions' in addition to the ICAO requirements to be read back.

Chapter 4

4.3.7 Regulation (EU) No 923/2012; SERA.9010(b) of Annex IV (Part-ATS) of Regulation (EU) 2017/373

4.3.8 ATS.TR.230, ATM/ANS.AR.A.015

4.3.9 Braking action will not be provided through ATIS as it is not aligned with the GRF concept, replaced by RCR.

ANNEX 12 – SEARCH AND RESCUE
(Eighth Edition, July 2004, amd. 18)

No differences.

ANNEX 13 – AIRCRAFT ACCIDENT INVESTIGATION
(Twelfth Edition, July 2020, amd. 18)

5.12 With regard to the constitutional freedom of information and access public records and regulation (EU) No 996/2010 of the European parliament and of the Council of 20 October 2010 on the investigation and prevention of accidents and incidents in civil aviation and repealing Directive 94/56/EC, Sweden will not be able to ensure non-disclosure of recordings, transcripts of recordings and names of persons in every case.

5.12.2
5.12.3
5.12.4
5.12.4.1
5.12.5
5.12.6

ANNEX 14 – AERODROMES

(Ninth Edition, July 2022)

- 1.1 Arresting system
Definitions Definitions of arresting system not incorporated in national regulation. Will be changed in the coming revision of national regulations.
- Autonomous runway incursion system
 Definitions of autonomous runway incursion system not incorporated in national regulation. Will be changed in the coming revision of national regulations.
- Foreign object debris (FOD)
 Definitions of arresting system not incorporated in national regulation. Will be changed in the coming revision of national regulations.
- Hot spot
 Definitions of hot spot not incorporated in national regulation. Will be changed in the coming revision of national regulations.
- Instrument runway
 Revised definitions for instrument runway as a result of a new approach classification not incorporated. Will be changed in the coming revision of national regulations.
- Non-instrument runway.
 National definition state “continue VFR” instead of “continue in visual meteorological conditions”. Will be changed in the coming revision of national regulations.
- 2.6 Strength of pavements.
 National regulations in accordance with the previous A14 standards.
 RMK. Will be changed in the coming revision of national regulations.
- 3.1.26 Texture depth.
 National regulation 0.8 mm.
 RMK. Will be changed in the coming revision of national regulations.
- 3.4.7 Runway strips.
 For air navigation or “for aircraft safety purposes” frangibility.
 RMK. Will be changed in the coming revision of national regulations.
- 3.5.3 Dimensions of RESA.
 Or a reduced length when an arresting system is installed.
 RMK. Will be changed in the coming revision of national regulations.
- 5.2.8.9 National regulations in accordance with previous A14 standards.
 RMK. Will be changed in the coming revision of national regulations.

ANNEX 15 – AERONAUTICAL INFORMATION SERVICES

(Sixteenth Edition, July 2018, amd. 42)

- 4.1.1 Contents in AIP AD-section concerning dimensions of runway end safety areas and location and description of arresting system are not provided.
- 10.1.3 Electronic terrain data and electronic obstacle data is not provided in Area 1.
- 10.1.8 Electronic terrain and obstacle data is not provided in Area 4.

ANNEX 16 – ENVIRONMENTAL PROTECTION

Volume I *(Eighth Edition, 2017 amd. 13)*Volume II *(Fourth Edition, 2017, amd. 10)*Volume III *(First Edition, 2017, amd. 1)*Volume IV *(First Edition, 2018, amd. 1)*

- 1.6 The Swedish registered aircraft not under EASA responsibility but holding an ICAO CoA do not have the uniform numbering required by this paragraph on their noise certificate.

ANNEX 17 – SECURITY – SAFEGUARDING INTERNATIONAL CIVIL AVIATION AGAINST ACTS OF UNLAWFUL INTERFERENCE

(Twelfth Edition, November 2022, amd. 18)

No differences.

ANNEX 18 – THE SAFE TRANSPORT OF DANGEROUS GOODS BY AIR
(Fourth Edition, July 2011, amd. 12)

11.4 *Recommendation:* No detailed provisions for postal operators are implemented. However, Postal Operators needs an approval and are subject to oversight by the Swedish Transport Agency. Detailed provisions for Postal Operators are expected in the next couple of years. **Less protective or partially implemented or not implemented.**

ANNEX 19 – SAFETY MANAGEMENT
(Second Edition, July 2016)

Chapter 1. Industry codes of practice. Less protective: No formal definition.
Definitions Operational personnel. Less protective: No formal definition.
Safety, Safety performance, Safety performance indicator, safety performance target. Less protective:
No formal definition.

Doc 4444 – PANS-ATM – Procedures for Air Navigation Services – Air Traffic Management.
(Sixteenth Edition, 2016, amd. 11)

Chapter 6

6.3.2.4 Phraseology regarding clearance for SID and STAR is not implemented.

6.5.2.4 Phraseology regarding clearance for SID and STAR is not implemented.

Chapter 12 Aerodrome information

12.3.1.11.a Phraseology regarding aerodrome information also include SLIPPERY WET and SPECIALLY PREPARED WINTER RUNWAY

12.3.1.2 z) to kk) Phraseology regarding clearance for SID and STAR is not implemented.

Appendix 1 Runway braking action not reported according Regulation (EU) No 923/2012)
1. Reporting instructions APPENDIX 5 TECHNICAL SPECIFICATIONS RELATED TO AIRCRAFT OBSERVATIONS AND REPORTS BY VOICE COMMUNICATIONS, Section 3.
MODEL
AIREP
SPECIAL
Section 3

Doc 8168 – PANS-OPS – Procedures for Air Navigation Services – Aircraft operations.

Vol I The European rules on Air Operations do not yet address the new ICAO approach classification. Sweden is awaiting future amendments to the European rules on Air Operations. No differences are expected at the end of 2020. **Less protective or partially implemented or not implemented.**

Vol II Part I General. Section 3. Departure procedures. Chapter 3 departure routes.
(Seventh Edition, 2020, amd. 9.)

3.1 General.

3.1.2 b) *The dead reckoning leg of turning departures may exceed 10KM (5.4NM) after turns before track guidance can be expected. The distance approved will be decided individually for each case and published on the approach chart.*

3.3 Turning departures.

3.3.4 Turn parameters, f) bank angle:

Nominal track for turn may be based on maximum bank angle 25° at all altitudes, if the PDG used in the design is at least 6,6 %. Nominal tracks for turns can be used to illustrate a probable route, but are never used for obstacle clearance purposes. Sufficient obstacle clearance is always protected for, based on calculations using PDG 3,3 % alternatively the required minimum PDG for the actual SID, and the less bank angle for the corresponding altitude.

Part I General. Section 4. Arrival and approach procedures. Chapter 2 Arrival segment.

2.1 STANDARD INSTRUMENT ARRIVALS

2.1.1 General

2.1.1.5 *STAR procedures may end at FAF or FAP.*

Part I General. Section 4. Arrival and approach procedures. Chapter 3 Initial approach segment.

3.1 GENERAL

3.1.3 *The dead reckoning leg for initial approach segment may exceed 19 KM (10 NM) after turns before track guidance can be expected. The distance approved will be decided individually for each case and published on the relevant approach chart.*

Part I General. Section 4 Arrival and approach procedures. Chapter 4 Intermediate approach segment.

4.3 INTERMEDIATE APPROACH SEGMENT BASED ON A STRAIGHT TRACK ALIGNMENT

4.3.1 AREA

4.3.1.1 *Length*4.3.1.1.1 *Intermediate approach segments may be shorter than the specified minimum distances. There is always a flat segment of minimum 1 NM for Cat A and B aircraft, 1,5 NM for Cat C and D aircraft for non-precision approaches, and 2 NM for all categories of aircraft for precision approaches.*

Part I General Section 4 Arrival and approach procedures. Chapter 5 Final approach segment.

5.4 OBSTACLE CLEARANCE ALTITUDE/HEIGHT (OCA/H)

5.4.1.3 *Non-precision approach procedure (straight-in), b) Reference datum.*

OCH for non-precision approaches is always referenced to the RWY THR elevation, even when the THR ELEV is less than 2 m (7 ft) below the AD ELEV.

5.4.6.5 Penetration of visual segment surface may, as a complement to publication in AD 2.23, be promulgated with a note on the instrument approach chart saying: "VSS penetrated. See AD 2.23".

Vol II Part II Conventional Procedures, Section 1 Precision Approaches. Chapter 1 instrument landing systems (ILS).

Table II-1-1-1 Minimum distance between localizer and glide path interceptions.

Minimum distance 2 NM between localizer and glide path interceptions may be applied also for CAT C/D/E at intercept angles up to 90 degrees (or within reversal or racetrack).

Vol III Aircraft Operating Procedures

Section 10 Chapter 2 The European provisions on Air Operations meets the same objectives but do not address ICAO provisions on the ICAO repository - Location of an Aircraft in Distress Repository (LADR).

Doc 9868 – PANS-TRG – Procedures for Air Navigation Services – Training
(Third Edition, 2020, amd. 7)

PANS-TGR UPRT application

RMK. Differences regarding the UPRT application will exist on 13 November 2014 between the provisions of the PANS-TGR documents and the existing EU-regulations (Commission Regulation (EU) No 1178/2011) and practises (additional AMC and GM).

Doc 10066 – PANS-AIM Aeronautical Information Management
(First Edition, 2018, amd. 1)

Chapter 5 According EU regulation (EU) 2017/373

5.2.1.1.3	<p>When the AIP data set (as specified in 5.3.3.1) is provided, the following sections of the AIP may be omitted and reference to the data set availability shall be provided:</p> <ul style="list-style-type: none"> a) GEN 2.5 List of radio navigation aids; b) ENR 2.1 FIR, UIR, TMA and CTA; c) ENR 3.1 Lower ATS routes; d) ENR 3.2 Upper ATS routes; e) ENR 3.3 Area navigation routes; f) ENR 3.4 Helicopter routes; g) ENR 3.5 Other routes; h) ENR 3.6 En-route holding; i) ENR 4.1 Radio navigation aids — en-route; j) ENR 4.2 Special navigation systems; k) ENR 4.4 Name-code designators for significant points; l) ENR 4.5 Aeronautical ground lights – en-route; m) ENR 5.1 Prohibited, restricted and danger areas; n) ENR 5.2 Military exercise and training areas and air defence identification zone (ADIZ); o) ENR 5.3.1 Other activities of a dangerous nature; p) ENR 5.3.2 Other potential hazards; q) ENR 5.5 Aerial sporting and recreational activities; r) ****AD 2.17 Air traffic services airspace; s) **** AD 2.19 Radio navigation and landing aids; t) **** AD 3.16 Air traffic services airspace; and u) **** AD 3.18 Radio navigation and landing aids.
Appendix 1	<p>According EU regulation (EU) 2017/373 Appendix 1 to Annex III</p>
Table A1-1	1. Aerodrome data
Table A1-3	3. ATS Route
Table A1-5	5. Radio navigation aids/systems data
Appendix 2 PART 2 — EN-ROUTE (ENR)	<p>According EU regulation (EU) 2017/373 Appendix 1 to Annex III PART 2 – EN-ROUTE (ENR)</p>
Appendix 2 PART 3- AERODRO- MES (AD) AD 2.19	<p>According EU regulation (EU) 2017/373 Appendix 1 to Annex III PART 3 – AERODROMES (AD)</p>
Appendix 2 PART 3 — AERODRO- MES (AD)	<p>According EU regulation (EU) 2017/373 Appendix 1 to Annex III PART 3 – AERODROMES (AD)</p>
AD 2.25	Not implemented

**2 Data som inte uppfyller kvalitetskraven i
Kommissionens förordning (EU) 2017/373**

Viss data uppfyller inte kraven i förordningen, vidare information finns online via <https://aro.lfv.se/Editorial/View/IAIP>.

**2 Data not fully compliant with data quality
requirements of Commission Regulation (EU) 2017/373**

Some data are not compliant with the given regulation - details can be accessed online via <https://aro.lfv.se/Editorial/View/IAIP>.

6 Helgdagar

Under följande år är nedanstående dagar officiella helgdagar i Sverige

6 Public holidays

During the coming years the following dates are public holidays in Sweden

	2023	2024	2025	2026
	6 January	1 January	1 January	1 January
	7 April	6 January	6 January	6 January
	10 April	29 March	18 April	3 April
	1 May	1 April	21 April	6 April
	18 May	1 May	1 May	1 May
	6 June	9 May	29 May	14 May
	24 June	6 June	6 June	6 June
	4 November	22 June	21 June	20 June
	25 December	2 November	1 November	31 October
	26 December	25 December	25 December	25 December
		26 December	26 December	26 December

INTENTIONALLY BLANK

2.4 Platsindikatorer / Location indicators

» Inte ansluten till AFTN / Not connected to the AFTN

1 Platsindikatorer efter plats / Location indicators by Location

Location	Indicator		Location	Indicator	
AFTN-central/AFTN-centre	ESSS		GÖTEBORG/Sahlgrenska sjukhuset	ESHS	»
ALINGSÅS	ESGI	»	GÖTEBORG/Säve	ESGP	
ANDERSTORP	ESMP	»	GÖTEBORG/Östra sjukhuset	ESHB	»
ARBOGA	ESQO	»	GÖTENE/Brännebrona	ESGN	»
ARBRÅ	ESUB	»	GÖVIKEN/Helikopterflygplats	ESJH	»
ARVIDSJAUR	ESNX		HAGFORS	ESOH	
ARVIKA	ESKV	»	HAGSHULT	ESMV	»
AVESTA	ESVA	»	HALLVIKEN	ESNA	»
BOLLNÄS/Sjukhuset	ESJB	»	HALMSTAD	ESMT	
BORGLANDA	ESMB	»	HEDE/Hedlanda	ESNC	»
BORLÄNGE	ESSD		HEMAVAN TÄRNABY	ESUT	
BORÅS	ESGE	»	HERRLJUNGA	ESGH	»
BORÅS/Borås sjukhus	ESEB	»	HUDIKSVALL	ESNH	»
BRATTFORSHEDEN	ESSM	»	HUDIKSVALL/Sjukhuset	ESHX	»
BUNGE	ESVB	»	HULTSFRED-VIMMERBY	ESSF	»
BÄCKEFORS/Dalslands sjukhus	ESJD	»	HÄLLEFORS	ESVH	»
DALA-JÄRNA	ESKD	»	HÄRNÖSAND/Myran	ESUH	»
EDSBYN	ESUY	»	HÄSSLEHOLM/Bokeberg	ESFA	»
EKSHÄRAD	ESKH	»	HÖGANÄS	ESMH	»
EKSJÖ/Ränneslätt	ESMC	»	IDRE	ESUE	»
ENKÖPING/Långtora	ESVL	»	JOKKMOKK	ESNJ	»
ESKILSTUNA	ESSU		JÖNKÖPING	ESGJ	
ESKILSTUNA/Ekeby	ESSC	»	JÖNKÖPING/Ryhov sjukhus	ESHJ	»
ESLÖV	ESME	»	KALMAR	ESMQ	
FAGERHULT	ESMF	»	KARLSBORG	ESIA	
FALKENBERG/Morup	ESGF	»	KARLSKOGA	ESKK	
FALKÖPING	ESGK	»	KARLSKRONA/Blekingesjukhuset	ESHN	»
FALUN/Falu lasarett	ESEF	»	KARLSTAD	ESOK	
FJÄLLBACKA	ESTF	»	KARLSTAD/Centralsjukhuset	ESHV	»
Flygräddningscentral/ Aeronautical Rescue Co-ordination Centre (ARCC)	ESOR		KATRINEHOLM	ESVK	»
FM Hkv	ESCC		KIRUNA	ESNQ	
GAGNEF	ESVG	»	KIRUNA/Kiruna sjukhus	ESEQ	»
GARGNÄS	ESUG	»	KIRUNA/Luossajärvi	ESEK	»
GNESTA/Vängsö	ESSZ	»	KRAMFORS-SOLLEFTEÅ	ESNK	
GRYTTJOM	ESKG	»	Kriegers Flak A	ESEX	»
GÄLLIVARE	ESNG		Kriegers Flak B	ESEZ	»
GÄLLIVARE/Vassara	ESEG	»	KRISTIANSTAD	ESMK	
GÄVLE	ESSK	»	KRISTIANSTAD/Centralsjukhuset	ESHI	»
GÄVLE/Sjukhuset	ESJA	»	KUNGÄLV/Kungälv's sjukhus	ESHM	»
GÖTEBORG/Landvetter	ESGG		KÅGERÖD	ESMJ	»
			KÖPING	ESVQ	»
			LANDSKRONA	ESML	»

Location	Indicator	
LFV	ESKL	
LIDKÖPING	ESGL	»
LINKÖPING/Malmen	ESCF	
LINKÖPING/Saab	ESSL	
LINKÖPING/US Linköping helikopterflygplats	ESJL	»
LJUNGBY/Feringe	ESMG	»
LJUNGBYHED	ESTL	
LJUSDAL	ESUL	»
LUDVIKA	ESSG	»
LULEÅ/Kallax	ESPA	
LULEÅ/Sunderby sjukhuset	ESES	»
LUND/Skånes universitetssjukhus	ESEM	»
LYCKSELE	ESNL	
LYCKSELE/Sjukhuset	ESEY	»
MALMÖ	ESMS	
MALMÖ ACC	ESMM	
MALUNG/Skinnlanda	ESVM	»
MELLANSEL	ESUI	»
MOHED	ESUM	»
MORA/Mora lasarett	ESJM	»
MORA/Siljan	ESKM	
MUNKFORS	ESKO	»
NORRKÖPING/Kungsängen	ESSP	
NORRTÄLJE	ESSN	»
NORRTÄLJE/Sjukhuset	ESHY	»
OPTAND	ESNM	»
ORSA	ESNR	»
OSKARSHAMN	ESMO	»
OVIKEN	ESUO	»
PAJALA	ESUP	
PITEÅ	ESNP	»
RAMSELE	ESUR	»
RONNEBY	ESDF	
RTC STOCKHOLM	ESSR	
RÅDA	ESFR	»
SANDVIK	ESFS	»
SILJANSNÄS	ESVS	»
SJÖBO SÖVDE	ESMI	»
SKELLEFTEÅ	ESNS	
SKELLEFTEÅ LASARETT	ESJS	»
SKÖVDE	ESGR	»
SKÖVDE/Kärnsjukhuset	ESHO	»
SMÅLANDSSTENAR	ESMY	»
SOLLEFTEÅ	ESNB	»
Statens haverikommission (SHK)/ Swedish Accident Investigation Authority	ESKI	»

Location	Indicator	
STEGEBORG	ESVE	»
STOCKHOLM ACC	ESOS	
Stockholm Radio	ESKR	
STOCKHOLM/Arlanda	ESSA	
STOCKHOLM/Bromma	ESSB	
STOCKHOLM/Danderyds sjukhus	ESHD	»
STOCKHOLM/Gamla Stan	ESHG	»
STOCKHOLM/Gärdet	ESHT	»
STOCKHOLM/Huddinge sjukhus	ESHL	»
STOCKHOLM/Karolinska Universitetssjukhuset Solna	ESHK	»
STOCKHOLM/Skavsta	ESKN	
STOCKHOLM/Skå-Edeby	ESSE	»
STOCKHOLM/Södersjukhuset	ESHC	»
STOCKHOLM/Västerås	ESOW	
STORUMAN	ESUD	»
STORVIK/Lemstanäs	ESOL	»
StriC M	ESCR	
StriC N	ESPF	
StriC S	ESDK	
STRÖMSTAD/Näsinge	ESGS	»
SUNDBRO	ESKC	»
SUNDSVALL/Länssjukhuset	ESED	»
SUNDSVALL-TIMRÅ	ESNN	
SUNNE	ESKU	»
SVEG	ESND	
Sveriges Meteorologiska och Hydrologiska Institut, SMHI/ Swedish Meteorological and Hydrological Institute	ESWI	
SWEDEN FIR	ESAA	
SÅTENÄS	ESIB	
SÄFFLE	ESGY	»
SÄLEN/Scandinavian Mountains	ESKS	
SÖDERHAMN	ESNY	»
TIDAHOLM/Bämmelshed	ESGD	»
TIERP	ESKT	»
TORSBY	ESST	
TORSBY/Torsby sjukhus	ESET	»
Transportstyrelsen/ Swedish Transport Agency	ESAL	
TROLLHÄTTAN/NÄL sjukhus	ESEN	»
TROLLHÄTTAN-VÄNERSBORG	ESGT	
UDDEVALLA/Backamo	ESGA	»
UDDEVALLA/Rörkärr	ESGU	»
UMEÅ	ESNU	
UMEÅ/Universitetssjukhuset	ESHZ	»
UPPSALA	ESCM	
UPPSALA/Akademiska sjukhuset	ESHU	»

Location	Indicator	
VARBERG	ESGV	»
VELLINGE	ESTT	»
VIDSEL	ESPE	
VILHELMINA	ESNV	
VISBY	ESSV	
VISBY/Sjukhuset	ESEV	»
VISINGSÖ	ESSI	»
VÄRGÅRDA	ESGO	»
VÄSTERVIK	ESSW	»
VÄSTERÅS/Johannisberg	ESSX	»
VÄSTERÅS/Västmanlands sjukhus	ESEW	»
VÄXJÖ/Kronoberg	ESMX	
ÅKERSBERGA	ESHR	»
ÄLLEBERG	ESGC	»
ÄNGE/Tälje	ESUJ	»
ÅRE ÖSTERSUND	ESNZ	
ÅSELE	ESUS	»
ÅVIKEN/Åviken Fly Camp	ESNF	»
ÄLMHULT/Möckeln	ESMU	»
ÄLVSBYN	ESUV	»
ÄNGELHOLM	ESTA	
ÖLANDA	ESMZ	»
ÖREBRO	ESOE	
ÖREBRO/Universitetssjukhuset	ESHQ	»
ÖRESTEN	ESGM	»
ÖRNSKÖLDSEVIK	ESNO	

2 Platsindikatorer efter indikator / Location indicators by Indicator

Indicator		Location
ESAA		SWEDEN FIR
ESAL		Transportstyrelsen/ Swedish Transport Agency
ESCC		FM Hkv
ESCF		LINKÖPING/Malmen
ESCM		UPPSALA
ESCR		StriC M
ESDF		RONNEBY
ESDK		StriC S
ESEB	»	BORÅS/Borås sjukhus
ESED	»	SUNDSVALL/Länssjukhuset
ESEF	»	FALUN/Falu lasarett
ESEG	»	GÄLLIVARE/Vassara
ESEK	»	KIRUNA/Luossajärvi
ESEM	»	LUND/Skånes universitetssjukhus
ESEN	»	TROLLHÄTTAN/NÄL sjukhus
ESEQ	»	KIRUNA/Kiruna sjukhus
ESES	»	LULEÅ/Sunderby sjukhuset
ESET	»	TORSBY/Torsby sjukhus
ESEV	»	VISBY/Sjukhuset
ESEW	»	VÄSTERÅS/Västmanlands sjukhus
ESEX	»	Kriegers Flak A
ESEY	»	LYCKSELE/Sjukhuset
ESEZ	»	Kriegers Flak B
ESFA	»	HÄSSLEHOLM/Bokeberg
ESFR	»	RÅDA
ESFS	»	SANDVIK
ESGA	»	UDDEVALLA/Backamo
ESGC	»	ÄLLEBERG
ESGD	»	TIDAHOLM/Bämmelshed
ESGE	»	BORÅS
ESGF	»	FALKENBERG/Morup
ESGG		GÖTEBORG/Landvetter
ESGH	»	HERRLJUNGA
ESGI	»	ALINGSÅS
ESGJ		JÖNKÖPING
ESGK	»	FALKÖPING
ESGL	»	LIDKÖPING
ESGM	»	ÖRESTEN
ESGN	»	GÖTENE/Brännebrona
ESGO	»	VÅRGÅRDA
ESGP		GÖTEBORG/Säve
ESGR	»	SKÖVDE
ESGS	»	STRÖMSTAD/Näsinge
ESGT		TROLLHÄTTAN-VÄNERSBORG

Indicator		Location
ESGU	»	UDDEVALLA/Rörkärr
ESGV	»	VARBERG
ESGY	»	SÄFFLE
ESHB	»	GÖTEBORG/Östra sjukhuset
ESHC	»	STOCKHOLM/Södersjukhuset
ESHD	»	STOCKHOLM/Danderyds sjukhus
ESHG	»	STOCKHOLM/Gamla Stan
ESHI	»	KRISTIANSTAD/Centralsjukhuset
ESHJ	»	JÖNKÖPING/Ryhov sjukhus
ESHK	»	STOCKHOLM/Karolinska Universitetssjukhuset Solna
ESHL	»	STOCKHOLM/Huddinge sjukhus
ESHM	»	KUNGÄLV/Kungälv's sjukhus
ESHN	»	KARLSKRONA/Blekingesjukhuset
ESHO	»	SKÖVDE/Kärnsjukhuset
ESHQ	»	ÖREBRO/Universitetssjukhuset
ESHR	»	ÅKERSBERGA
ESHS	»	GÖTEBORG/Sahlgrenska sjukhuset
ESHT	»	STOCKHOLM/Gärdet
ESHU	»	UPPSALA/Akademiska sjukhuset
ESHV	»	KARLSTAD/Centralsjukhuset
ESHX	»	HUDIKSVALL/Sjukhuset
ESHY	»	NORRTÄLJE/Sjukhuset
ESHZ	»	UMEÅ/Universitetssjukhuset
ESIA		KARLSBORG
ESIB		SÅTENÄS
ESJA	»	GÄVLE/Sjukhuset
ESJB	»	BOLLNÄS/Sjukhuset
ESJD	»	BÄCKEFORS/Dalslands sjukhus
ESJH	»	GÖVIKEN/Helikopterflygplats
ESJL	»	LINKÖPING/US Linköping helikopterflygplats
ESJM	»	MORA/Mora lasarett
ESJS	»	SKELLEFTEÅ LASARETT
ESKC	»	SUNDBRO
ESKD	»	DALA-JÄRNA
ESKG	»	GRYTTJOM
ESKH	»	EKSHÄRAD
ESKI	»	Statens haverikommission (SHK)/ Swedish Accident Investigation Authority
ESKK		KARLSKOGA
ESKL		LFV
ESKM		MORA/Siljan
ESKN		STOCKHOLM/Skavsta
ESKO	»	MUNKFORS

Indicator		Location
ESKR		Stockholm Radio
ESKS		SÄLEN/Scandinavian Mountains
ESKT	»	TIERP
ESKU	»	SUNNE
ESKV	»	ARVIKA
ESMB	»	BORGLANDA
ESMC	»	EKSJÖ/Ränneslätt
ESME	»	ESLÖV
ESMF	»	FAGERHULT
ESMG	»	LJUNGBY/Feringe
ESMH	»	HÖGANÄS
ESMI	»	SJÖBO SÖVDE
ESMJ	»	KÅGERÖD
ESMK		KRISTIANSTAD
ESML	»	LANDSKRONA
ESMM		MALMÖ ACC
ESMO	»	OSKARSHAMN
ESMP	»	ANDERSTORP
ESMQ		KALMAR
ESMS		MALMÖ
ESMT		HALMSTAD
ESMU	»	ÄLMHULT/Möckeln
ESMV	»	HAGSHULT
ESMX		VÄXJÖ/Kronoberg
ESMY	»	SMÅLANDSSTENAR
ESMZ	»	ÖLANDA
ESNA	»	HALLVIKEN
ESNB	»	SOLLEFTEÅ
ESNC	»	HEDE/Hedlanda
ESND		SVEG
ESNF	»	ÅVIKEN/Åviken Fly Camp
ESNG		GÄLLIVARE
ESNH	»	HUDIKSVALL
ESNJ	»	JOKKMOKK
ESNK		KRAMFORS-SOLLEFTEÅ
ESNL		LYCKSELE
ESNM	»	OPTAND
ESNN		SUNDSVALL-TIMRÅ
ESNO		ÖRNSKÖLDSEVIK
ESNP	»	PITEÅ
ESNQ		KIRUNA
ESNR	»	ORSA
ESNS		SKELLEFTEÅ
ESNU		UMEÅ
ESNV		VILHELMINA
ESNX		ARVIDSJAUR
ESNY	»	SÖDERHAMN

Indicator		Location
ESNZ		ÅRE ÖSTERSUND
ESOE		ÖREBRO
ESOH		HAGFORS
ESOK		KARLSTAD
ESOL	»	STORVIK/Lemstanäs
ESOR		Flygräddningscentral/ Aeronautical Rescue Co-ordination Centre (ARCC)
ESOS		STOCKHOLM ACC
ESOW		STOCKHOLM/Västerås
ESPA		LULEÅ/Kallax
ESPE		VIDSEL
ESPF		StriC N
ESQO	»	ARBOGA
ESSA		STOCKHOLM/Arlanda
ESSB		STOCKHOLM/Bromma
ESSC	»	ESKILSTUNA/Ekeby
ESSD		BORLÄNGE
ESSE	»	STOCKHOLM/Skä-Edeby
ESSF	»	HULTSFRED-VIMMERBY
ESSG	»	LUDVIKA
ESSI	»	VISINGSÖ
ESSK	»	GÄVLE
ESSL		LINKÖPING/Saab
ESSM	»	BRATTFORSHEDEN
ESSN	»	NORRTÄLJE
ESSP		NORRÖPING/Kungsängen
ESSR		RTC STOCKHOLM
ESSS		AFTN-central/AFTN-centre
ESST		TORSBY
ESSU		ESKILSTUNA
ESSV		VISBY
ESSW	»	VÄSTERVIK
ESSX	»	VÄSTERÅS/Johannisberg
ESSZ	»	GNESTA/Vängsö
ESTA		ÄNGELHOLM
ESTF	»	FJÄLLBACKA
ESTL		LJUNGBYHED
ESTT	»	VELLINGE
ESUB	»	ARBRÅ
ESUD	»	STORUMAN
ESUE	»	IDRE
ESUG	»	GARGNÄS
ESUH	»	HÄRNÖSAND/Myran
ESUI	»	MELLANSEL
ESUJ	»	ÅNGE/Tälje
ESUL	»	LJUSDAL

Indicator		Location
ESUM	»	MOHED
ESUO	»	OVIKEN
ESUP		PAJALA
ESUR	»	RAMSELE
ESUS	»	ÅSELE
ESUT		HEMAVAN TÄRNABY
ESUV	»	ÄLVSBYN
ESUY	»	EDSBYEN
ESVA	»	AVESTA
ESVB	»	BUNGE
ESVE	»	STEGEBORG

Indicator		Location
ESVG	»	GAGNEF
ESVH	»	HÄLLEFORS
ESVK	»	KATRINEHOLM
ESVL	»	ENKÖPING/Långtora
ESVM	»	MALUNG/Skinlanda
ESVQ	»	KÖPING
ESVS	»	SILJANSNÄS
ESWI		Sveriges Meteorologiska och Hydrologiska Institut, SMHI/ Swedish Meteorological and Hydrological Institute

2.6 Omräkning av måttenheter / Conversion of units of measurement

NM to km 1 NM = 1.852 km		km to NM 1 km = 0.53996 NM		ft to m 1 ft = 0.3048 m		m to ft 1 m = 3.28084 ft	
NM	km	km	NM	ft	m	m	ft
0.1	0.185	0.1	0.05	1	0.305	1	3.28
0.2	0.370	0.2	0.11	2	0.610	2	6.56
0.3	0.556	0.3	0.16	3	0.914	3	9.84
0.4	0.741	0.4	0.22	4	1.219	4	13.12
0.5	0.926	0.5	0.27	5	1.524	5	16.40
0.6	1.111	0.6	0.32	6	1.829	6	19.69
0.7	1.296	0.7	0.38	7	2.134	7	22.97
0.8	1.482	0.8	0.43	8	2.438	8	26.25
0.9	1.667	0.9	0.49	9	2.743	9	29.53
1.0	1.852	1.0	0.54	10	3.048	10	32.81
2.0	3.704	2.0	1.08	20	6.096	20	65.62
3.0	5.556	3.0	1.62	30	9.144	30	98.43
4.0	7.408	4.0	2.16	40	12.192	40	131.23
5.0	9.260	5.0	2.70	50	15.240	50	164.04
6.0	11.112	6.0	3.24	60	18.288	60	196.85
7.0	12.964	7.0	3.78	70	21.336	70	229.66
8.0	14.816	8.0	4.32	80	24.384	80	262.47
9.0	16.668	9.0	4.86	90	27.432	90	295.28
10.0	18.520	10.0	5.40	100	30.480	100	328.08
20.0	37.040	20.0	10.80	200	60.960	200	656.17
30.0	55.560	30.0	16.20	300	91.440	300	984.25
40.0	74.080	40.0	21.60	400	121.920	400	1 312.34
50.0	92.600	50.0	27.00	500	152.400	500	1 640.42
60.0	111.120	60.0	32.40	600	182.880	600	1 968.50
70.0	129.640	70.0	37.80	700	213.360	700	2 296.59
80.0	148.160	80.0	43.20	800	243.840	800	2 624.67
90.0	166.680	90.0	48.60	900	274.320	900	2 952.76
100.0	185.200	100.0	54.00	1 000	304.800	1 000	3 280.84
200.0	370.400	200.0	107.99	2 000	609.600	2 000	6 561.68
300.0	555.600	300.0	161.99	3 000	914.400	3 000	9 842.52
400.0	740.800	400.0	215.98	4 000	1 219.200	4 000	13 123.36
500.0	926.000	500.0	269.98	5 000	1 524.000	5 000	16 404.20
				6 000	1 828.800	6 000	19 685.04
				7 000	2 133.600	7 000	22 965.88
				8 000	2 438.400	8 000	26 246.72
				9 000	2 743.200	9 000	29 527.56
				10 000	3 048.000	10 000	32 808.40

Från bågminuter med decimal till bågsekunder / From decimal minutes of an arc to seconds of an arc

<i>MIN</i>	<i>SEC</i>	<i>MIN</i>	<i>SEC</i>	<i>MIN</i>	<i>SEC</i>	<i>MIN</i>	<i>SEC</i>
0.01	0.6	0.26	15.6	0.51	30.6	0.76	45.6
0.02	1.2	0.27	16.2	0.52	31.2	0.77	46.2
0.03	1.8	0.28	16.8	0.53	31.8	0.78	46.8
0.04	2.4	0.29	17.4	0.54	32.4	0.79	47.4
0.05	3.0	0.30	18.0	0.55	33.0	0.80	48.0
0.06	3.6	0.31	18.6	0.56	33.6	0.81	48.6
0.07	4.2	0.32	19.2	0.57	34.2	0.82	49.2
0.08	4.8	0.33	19.8	0.58	34.8	0.83	49.8
0.09	5.4	0.34	20.4	0.59	35.4	0.84	50.4
0.10	6.0	0.35	21.0	0.60	36.0	0.85	51.0
0.11	6.6	0.36	21.6	0.61	36.6	0.86	51.6
0.12	7.2	0.37	22.2	0.62	37.2	0.87	52.2
0.13	7.8	0.38	22.8	0.63	37.8	0.88	52.8
0.14	8.4	0.39	23.4	0.64	38.4	0.89	53.4
0.15	9.0	0.40	24.0	0.65	39.0	0.90	54.0
0.16	9.6	0.41	24.6	0.66	39.6	0.91	54.6
0.17	10.2	0.42	25.2	0.67	40.2	0.92	55.2
0.18	10.8	0.43	25.8	0.68	40.8	0.93	55.8
0.19	11.4	0.44	26.4	0.69	41.4	0.94	56.4
0.20	12.0	0.45	27.0	0.70	42.0	0.95	57.0
0.21	12.6	0.46	27.6	0.71	42.6	0.96	57.6
0.22	13.2	0.47	28.2	0.72	43.2	0.97	58.2
0.23	13.8	0.48	28.8	0.73	43.8	0.98	58.8
0.24	14.4	0.49	29.4	0.74	44.4	0.99	59.4
0.25	15.0	0.50	30.0	0.75	45.0		

Från bågsekunder till bågminuter med decimal / From seconds of an arc to decimal minutes of an arc

<i>SEC</i>	<i>MIN</i>	<i>SEC</i>	<i>MIN</i>	<i>SEC</i>	<i>MIN</i>	<i>SEC</i>	<i>MIN</i>
1	0.02	16	0.27	31	0.52	46	0.77
2	0.03	17	0.28	32	0.53	47	0.78
3	0.05	18	0.30	33	0.55	48	0.80
4	0.07	19	0.32	34	0.57	49	0.82
5	0.08	20	0.33	35	0.58	50	0.83
6	0.10	21	0.35	36	0.60	51	0.85
7	0.12	22	0.37	37	0.62	52	0.87
8	0.13	23	0.38	38	0.63	53	0.88
9	0.15	24	0.40	39	0.65	54	0.90
10	0.17	25	0.42	40	0.67	55	0.92
11	0.18	26	0.43	41	0.68	56	0.93
12	0.20	27	0.45	42	0.70	57	0.95
13	0.22	28	0.47	43	0.72	58	0.97
14	0.23	29	0.48	44	0.73	59	0.98
15	0.25	30	0.50	45	0.75		

Schema för AIRAC ikraftträdandedatum.

Schedule of AIRAC effective dates.

2023	2024	2025	2026
26 January	25 January	23 January	22 January
23 February	22 February	20 February	19 February
23 March	21 March	20 March	19 March
20 April	18 April	17 April	16 April
18 May	16 May	15 May	14 May
15 June	13 June	12 June	11 June
13 July	11 July	10 July	9 July
10 August	8 August	7 August	6 August
7 September	5 September	4 September	3 September
5 October	3 October	2 October	1 October
2 November	31 October	30 October	29 October
30 November	28 November	27 November	26 November
28 December	26 December	25 December	24 December

5 Integrerad AIS- och MET-briefing

5 Integrated AIS and MET briefing

5.1 Flight Planning Centre

5.1 Flight Planning Centre

AIS- och MET-information finns tillgänglig på www.aro.lfv.se och från Flight Planning Centre.

Aeronautical and meteorological information is available on www.aro.lfv.se and from Flight Planning Centre.

AIS unit	Hours	Web site	Telephone	Fax	e-mail
FPC	H24	www.aro.lfv.se www.lfv.se	+46 (0)8 797 63 40	+46 (0)8 59 36 01 79	fpc@lfv.se

5.2 Språk inom AIS

5.2 Language within AIS

De språk som används är svenska och engelska.

The languages used are Swedish and English.

6 Elektronisk terräng- och hinderdata

6 Electronic Terrain and Obstacle Data

6.1 Terrängdata

6.1 Terrain data

Elektroniska terrängdata förvaltas och lagras av Lantmäteriet.

Electronic terrain data is maintained and stored by Lantmäteriet (the Swedish National Land Survey).

Terrängdata som möter ICAO Annex 15-kraven för område 1 är tillgängligt utan kostnad via följande länk:
<https://www.lantmateriet.se/sv/geodata/vara-produkter/produktlista/markhojdmodell-nedladdning-grid-50/> med beskrivning och dokumentation för aktuellt terrängdata samt instruktioner för nedladdning.

Terrain data meeting the ICAO Annex 15 requirements for area 1 is available free of charge on the following link:
<https://www.lantmateriet.se/en/geodata/geodata-products/product-list/terrain-model-download-grid-50/> along with description and documentation for the terrain data and instructions for download.

Terrängdata som möter ICAO Annex 15-kraven för område 2 och 4 tillhandahålls mot avgift och licens via följande länk:
<https://www.lantmateriet.se/sv/geodata/vara-produkter/produktlista/markhojdmodell-nedladdning-grid-1/> med beskrivning och dokumentation för aktuellt terrängdata samt instruktioner för nedladdning.

Terrain data meeting the ICAO Annex 15 requirements for area 2 and 4 is available with an associated fee and terms for use on the following link:
<https://www.lantmateriet.se/en/geodata/geodata-products/product-list/terrain-model-download-grid-1/> along with description and documentation for the terrain data and instructions for download.

6.2 Hinderdata

Hinderdata för område 1 såsom definierat i ICAO Annex 15 finns tillgängligt i en fil i csv-format på följande webbadress: <https://aro.lfv.se/Editorial/View/Dataset>. Hinderdata i denna fil motsvarar hinderdata i AIP ENR 5.4 och friskrivningen i AIP ENR 5.4 kring kvalitet och kompletthet gäller även csv-filen.

Hinderdata för område 2 och 4 såsom definierat i ICAO Annex 15 finns i nuläget inte tillgängligt i elektroniskt format.

6.2 Obstacle data

Obstacle data for area 1 as defined in ICAO Annex 15 is available in a file in csv format on the following web address: <https://aro.lfv.se/Editorial/View/Dataset>. The obstacle data in this file corresponds to the obstacle data in AIP ENR 5.4 and the disclaimer in AIP ENR 5.4 regarding quality and completeness also applies on the csv file.

Obstacle data for area 2 and 4 as defined in ICAO Annex 15 is currently not available in electronic format.

Unit name/service	Postal address	Telephone	Fax	AFS
KARLSTAD TWR	ACR Flygtrafikledningen SE-655 91 Karlstad	+46 (0)54 55 60 76		ESOKZTZX
KIRUNA TWR	LFV Box 918 SE-195 05 Arlandastad E-mail: atskiruna@lfv.se	+46 (0)8 511 886 14		ESNQZTZX
KRAMFORS AFIS	Höga kusten Airport Gistgårdsön 2150 SE-870 52 Nyland	+46 (0)612 223 55	+46 (0)612 71 81 22	ESNKZTZX
KRISTIANSTAD TWR	ACR Kristianstad Airport AB Flygtrafikledningen Kristianstad flygplats SE-297 92 Everöd	+46 (0)44 23 88 58	+46 (0)44 23 88 78	ESMKZTZX
LINKÖPING/Malmen TWR	LFV Flygtrafikledningen SE-581 98 Linköping	+46 (0)13 28 35 90 +46 (0)13 28 30 00	+46 (0)13 28 36 99	ESCFZTZX
LINKÖPING/Saab TWR	RTC Sundsvall/SDATS Midlandavägen 14 SE-861 41 Sörberge E-mail: ats.saab@saabgroup.com	+46 (0)60 19 75 13		ESSLZTZX
LJUNGBYHED TWR	ACR Flygtrafikledningen Drottningvägen 3 SE-264 51 Ljungbyhed E-mail: ats.ljungbyhed@acr-sweden.se	+46 (0)435 44 03 57 +46 (0)435 44 55 13		ESTLZTZX
LULEÅ/Kallax TWR	LFV ATS F21 SE-971 73 Luleå	+46 (0)920 126 41 +46 (0)920 23 49 32	+46 (0)920 23 49 39	ESPAZTZX
LYCKSELE AFIS	Lycksele Airport AB SE-921 81 Lycksele E-mail: ats@lyckseleairport.se	+46 (0)950 275 51 +46 (0)950 275 60		ESNLZTZX
MALMÖ ACC Marked (+) to be used only for relevant ATS messages, i.e. FPL, DEP and closing of flight plan.	LFV Flygtrafikledningen Box 54 SE-230 32 Malmö-Sturup	+46 (0)40 613 24 00 +46 (0)40 28 34 00 +46 (0)40 613 24 05 (+) +46 (0)40 28 34 05 (+)	+46 (0)40 50 02 54	ESMMZRZX ESMMZQZX (+) ESMMZFZX (+)
MALMÖ/Sturup TWR	LFV Box 918 SE-195 05 Arlandastad E-mail: ats.esms@lfv.se	+46 (0)40 613 15 50 +46 (0)40 613 10 00		ESMSZTZX
MORA/Siljan AFIS	Mora Siljan flygplats Mora flygplats SE-792 91 Mora	+46 (0)250 301 98	+46 (0)250 59 35 25	ESKMZTZX
NORRKÖPING/Kungsängen TWR	ACR Flygtrafikledningen Norrköping Flygplats SE-603 61 Norrköping	+46 (0)11 14 02 00	+46 (0)11 14 54 10	ESSPZTZX
PAJALA AFIS	Pajala Airport Flygtrafikledningen SE-984 91 Pajala	+46 (0)978 511 10	+46 (0)978 511 50	ESUPZTZX
RONNEBY TWR	Blekinge flygflottilj, F17 Box 502 SE-372 25 Ronneby	+46 (0)457 47 15 55	+46 (0)457 47 15 56	ESDFZTZX
SKELLEFTEÅ TWR	ACR Flygtrafikledningen Skellefteå Flygplats SE-931 92 Skellefteå	+46 (0)910 576 90	+46 (0)910 841 00	ESNSZTZX

Unit name/service	Postal address	Telephone	Fax	AFS
STOCKHOLM ACC Marked (+) to be used only for relevant ATS messages, i.e. FPL, DEP and closing of flight plan.	LFV Flygtrafikledningen SE-190 45 Stockholm-Arlanda	+46 (0)8 585 547 00 +46 (0)8 585 547 01 +46 (0)8 585 545 05 (+) +46 (0)8 594 926 96 (+)	+46 (0)8 593 619 00	ESOSZRZX ESOSZQZX (+) ESOSZFZX (+)
STOCKHOLM/Arlanda TWR	LFV Flygtrafikledningen SE-190 45 Stockholm-Arlanda	+46 (0)8 594 922 50 +46 (0)8 797 60 00	+46 (0)8 593 627 23	ESSAZTZX
STOCKHOLM/Bromma TWR	LFV Flygtrafikledningen Bromma Stockholm Airport SE-168 67 Bromma	+46 (0)8 797 68 61 +46 (0)8 28 87 22		ESSBZTZX
STOCKHOLM/Flight Planning Centre AIS/ARO/NOF	LFV FPC/NOF Box 115 SE-190 46 Stockholm-Arlanda	+46 (0)8 797 63 40 +46 (0)8 797 63 38	+46 (0)8 593 601 79	ESSAZPZX ESSAYNYX
STOCKHOLM/Skavsta TWR	ACR Flygtrafikledningen Stockholm Skavsta flygplats AB Box 44 SE-611 22 Nyköping	+46 (0)155 28 04 20 +46 (0)155 28 04 23	+46 (0)155 28 04 86	ESKNZTZX
STOCKHOLM/Västerås TWR	Västerås flygplats AB Flygtrafikledningen Västerås flygplats SE-721 31 Västerås	+46 (0)21 80 00 20	+46 (0)21 80 13 20	ESOWZTZX
SUNDSVALL-TIMRÅ TWR	RTC Sundsvall/SDATS Midlandavägen 14 SE-861 41 Sörberge E-mail: ats.sundsvall@saabgroup.com	+46 (0)60 19 75 07		ESNNZTZX
SVEG AFIS	Härjedalens kommun Härjedalen Sveg Airport SE-842 80 Sveg	+46 (0)680 71 13 50	+46 (0)680 131 30	ESNDZTZX
SÅTENÅS TWR	Skaraborgs flygflottilj, F7 SE-530 32 Sätenäs	+46 (0)510 804 90 +46 (0)510 47 70 00	+46 (0)510 47 73 39	ESIBZTZX
SÅLEN TWR	RTC Sundsvall/SDATS Midlandavägen 14 SE-861 41 Sörberge E-mail: ats.salen@saabgroup.com	+46(0)60 19 75 04		ESKSZTZX
TORSBY AFIS	Torsby Flygplats AB 89. Flygplatsen SE-685 80 Torsby	+46 (0)560 717 24	+46 (0)560 143 99	ESSTZTZX
TROLLHÄTTAN-VÄNERSBORG TWR	ACR Flygtrafikledningen Trollhättan-Vänersborg flygplats SE-461 93 Trollhättan	+46 (0)520 42 93 61	+46 (0)520 173 57	ESGTZTZX
UMEÅ TWR	LFV Box 918 SE-195 05 Arlandastad E-mail: ats.umea@lfv.se	+46 (0)90 71 61 71 +46 (0)90 71 61 72		ESNUZTZX
UPPSALA TWR	LFV Flygtrafikledningen LSS Box 645 SE-751 27 Uppsala E-mail: ats.uppsala@lfv.se	+46 (0)18 19 60 72 +46 (0)18 19 60 73	+46 (0)18 19 60 79	ESCMZTZX
VIDSEL TWR	LFV Flygtrafikledningen RFN SE-942 23 Vidsel	+46 (0)929 360 25 +46 (0)929 370 00	+46 (0)929 374 73	ESPEZTZX

Unit name/service	Postal address	Telephone	Fax	AFS
VILHELMINA AFIS	Vilhelmina flygplats ATS Sagadal 4 SE-912 90 Vilhelmina	+46 (0)940 310 09	+46 (0)940 398 98	ESNVZTZX
VISBY TWR	LFV Flygtrafikledningen Visby flygplats SE-621 41 Visby	+46 (0)498 26 31 42 +46 (0)498 21 23 49	+46 (0)498 27 13 65	ESSVZTZX
VÄXJÖ/Kronoberg TWR	ACR Flygtrafikledningen Växjö flygplats SE-355 93 Växjö	+46 (0)470 75 85 30	+46 (0)470 75 85 39	ESMXZTZX
ÄNGELHOLM TWR	ACR Flygtrafikledningen Fibulavägen 14, Valhall Park SE-262 74 Ängelholm E-mail: ats.angelholm@acr-sweden.se	+46 (0)431 202 14 +46 (0)431 48 45 50		ESTAZTZX
ÖREBRO TWR	ACR Flygtrafikledningen Örebro Bofors flygplats SE-705 94 Örebro	+46 (0)19 30 70 08	+46 (0)19 30 70 06	ESOEZTZX
ÖRNSKÖLDSEVIK TWR	RTC Sundsvall/SDATS Midlandavägen 14 SE-861 41 Sörberge E-mail: ats.ornskoldsvik@saabgroup.com	+46 (0)60 19 75 05		ESNOZTZX
ÖSTERSUND TWR	LFV Box 918 SE-195 05 Arlandastad E-mail: ats.ostersund@lfv.se	+46 (0)8 511 886 17		ESNZTZX
ÖSTGÖTA APP	Norrköping flygplats LFV/ATS ÖKC SE-603 61 Norrköping E-mail : okc@lfv.se	+46 (0)11 19 28 14	+46 (0)11 14 54 16	ESSPYHYX

Typ av luftfartyg

Ange fastställd beteckning med 2, 3 eller 4 tecken i enlighet med ICAO Doc 8643 "Aircraft Type Designators". Om beteckning saknas eller vid en formationsflygning med mer än en typ, fyll i bokstavsgruppen ZZZZ och ange antal (om fler än en) och typ(-erna) i fält 18 efter förkortningen TYP/.

Turbulenskategori

Ange med en av följande bokstäver vilken turbulenskategori luftfartyget tillhör:

J	SUPER för luftfartyg A380-800
H	TUNGT för luftfartyg med en maximal startmassa (MTOM) 136 000 kg eller högre
M	MEDEL TUNGT för luftfartyg med MTOM lägre än 136 000 kg men högre än 7 000 kg
L	LÄTT för luftfartyg med MTOM 7 000 kg eller lägre.

Nedanstående förkortningar och turbulens kategorier ska användas för svenska militära luftfartygstyper.

Type of aircraft (2 to 4 characters)

Insert the appropriate designator as specified in ICAO Doc 8643, "Aircraft Type Designators", or if no such indicator has been assigned, or in case of formation flights comprising more than one type insert ZZZZ, and specify in item 18, the (numbers and) type(s) of aircraft preceded by TYP/.

Wake turbulence category (1 character)

Insert an oblique stroke followed by one of the following letters to indicate the wake turbulence category of the aircraft:

J	SUPER for aircraft A380-800
H	HEAVY: to indicate an aircraft type with a maximum certificated take-off mass (MTOM) of 136,000 kg or more
M	MEDIUM: MTOM less than 136,000 kg but more than 7000 kg
L	LIGHT: MTOM 7000 kg or less.

Following abbreviation and wake turbulence category to be used for Swedish military aircraft.

Typ/Type	Förkortning i FPL/ Abbreviation in flight plan	Anmärkning/Notes	Turbulens kategori/ wake turbulence category
JAS 39 C/D	SB39	JAS 39 C/D	M
SK 40	G12T	Grob G 120TP-A	L
SK 60	SB05	SAAB 105	M
Tp 84	C130	Lockheed C-130 Hercules	M
Tp 100 A	SF34	SAAB SF-340	M
Tp 100 C	SF34	SAAB SF-340	M
S 100 D	SF34	SAAB SF-340	M
Tp 102 C	GLF4	Gulfstream G4	M
Tp 102 D	GLF5	Gulfstream G5	M
S 102 B	GLF4	Gulfstream G4	M
Hkp 14	NH90	NHI NH90	M
Hkp 15	A109	Augusta A 109 Power	L
Hkp 16	H60	Sikorsky UH-60 Blackhawk	M
UAV 03	UAV3	Örnen/AAI Shadow 200	L
UAV 05	UAV5	Svalan/Korpen	L

Fält 10 Utrustning och dess användbarhet**Utrustning för radiokommunikation (COM) och navigation (NAV) samt inflygningshjälpmedel**

Ange en av följande bokstäver:

N	Om ingen utrustning för COM, NAV eller inflygning för den aktuella flygvägen medförs eller om utrustningen är ur funktion, eller om besättningen inte får använda den installerade utrustningen;
S	COM, NAV eller inflygningsutrustning medförs enligt standardutrustning och är användbar. Standardutrustning i Sweden FIR är oberoende av luftrum och flyghöjd följande: VHF RTF (ej 8,33 kHz), ADF, VOR och ILS. Detta gäller även i annat FIR/UIR, om inte vederbörande ATS-myndighet föreskriver annat.

och/eller

Item 10 Equipment and capabilities**Radio communication, navigation and approach aid equipment and capabilities**

Insert one letter as follows:

N	If no COM/NAV/approach aid equipment for the route to be flown is carried, or the equipment is unserviceable,
S	If standard COM/NAV/approach aid equipment for the route to be flown is carried and serviceable: Standard equipment in Sweden FIR is, irrespective of airspace or level, VHF RTF (without 8,33 kHz channel spacing), ADF, VOR and ILS. This also applies in other FIRs/UIRs unless otherwise prescribed by the appropriate ATS authority.

and/or

Ange en eller flera av följande bokstäver för att indikera tillgänglig och användbar utrustning för COM, NAV och inflygning:

A	GBAS landningssystem
B	LPV (APV med SBAS)
C	LORAN C
D	DME
E1	FMC WPR ACARS
E2	D-FIS ACARS
E3	PDC ACARS
F	ADF
G	GNSS (Typ av kvalitetsövervakning ska anges i fält 18 efter indikatorn NAV/)
H	HF RTF
I	INS (Inertial Navigation)
J1	CPDLC ATN VDL Mod 2
J2	CPDLC FANS 1/A HF DL
J3	CPDLC FANS 1/A VDL Mod 4
J4	CPDLC FANS 1/A VDL Mod 2
J5	CPDLC FANS 1/A SATCOM (INMARSAT)
J6	CPDLC FANS 1/A SATCOM (MTSAT)
J7	CPDLC FANS 1/A SATCOM (Iridium)
K	MLS
L	ILS
M1	ATC RTF SATCOM (INMARSAT)
M2	ATC RTF (MTSAT)
M3	ATC RTF (Iridium)
O	VOR
P1-P9	Reserverat för RCP
R	PBN godkänd. Detaljerad information anges alltid i fält 18 PBN/. Om P-RNAV utrustning uppnås genom VOR/DME ska Z anges i fält 10 och i fält 18 NAV/EURPRNAV.
T	TACAN
U	UHF RTF
V	VHF RTF
W	RVSM-godkänd
X	MNPS godkänd
Y	VHF med 8,33 kHz kanalseparation
Z	Annan utrustning. Utrustningen anges i fält 18 efter tillämplig indikator; COM/ NAV/ och/eller DAT/. Anges även inom IFPS-zonen för flygning som är undantagen från kraven på RNAV, CPDLC och 8,33 kHz. Detaljerad information anges i fält 18 under COM/ NAV/ och DAT/.

Insert one or more of the following letters to indicate the serviceable COM/NAV/approach aid equipment and capabilities available:

A	GBAS landing system
B	LPV (APV with SBAS)
C	LORAN C
D	DME
E1	FMC WPR ACARS
E2	D-FIS ACARS
E3	PDC ACARS
F	ADF
G	GNSS (type of external augmentation, if any, are specified in item 18 following the indicator NAV/ and separated by a space)
H	HF RTF
I	INS (Inertial Navigation)
J1	CPDLC ATN VDL Mod 2
J2	CPDLC FANS 1/A HF DL
J3	CPDLC FANS 1/A VDL Mod 4
J4	CPDLC FANS 1/A VDL Mod 2
J5	CPDLC FANS 1/A SATCOM (INMARSAT)
J6	CPDLC FANS 1/A SATCOM (MTSAT)
J7	CPDLC FANS 1/A SATCOM (Iridium)
K	MLS
L	ILS
M1	ATC RTF SATCOM (INMARSAT)
M2	ATC RTF (MTSAT)
M3	ATC RTF (Iridium)
O	VOR
P1-P9	Reserved for RCP
R	PBN approved. Detailed information should always be listed in item 18 PBN/. If P-RNAV equipment is achieved by VOR/DME, Z shall be inserted in item 10 and in item 18 NAV/EURPRNAV.
T	TACAN
U	UHF RTF
V	VHF RTF
W	RVSM-approved
X	MNPS approved
Y	VHF RTF with 8,33 kHz channel spacing
Z	Other equipment. If the letter Z is used, specify in item 18 the other equipment carried or capabilities, preceded by COM/, NAV/ and/or DAT/, as appropriate. Also required within the IFPS zone for flights exempted from requirements for RNAV, CPDLC and 8.33 kHz. Detailed information to be inserted in item 18 preceded by COM/, NAV/ and DAT/.

Fält 18 Övriga upplysningar

Om inga övriga upplysningar ska lämnas anges siffran 0 (noll). Upplysningar anges i nedan angiven ordning. Efter tillämplig indikator, följt av ett snedstreck, anges den upplysning som ska lämnas.

Följande indikatorer ska användas för nationella och internationella flygningar.

STS/ Anledning till att särskilda åtgärder behövs från ATS. Nedanstående beteckningar får användas:

STS/ALTRV	Flygning som opererar i enlighet med en given höjdrreservation.
STS/ATFMX	Flygning som är godkänd att undantas från ATFM av behörig ATS-myndighet.
STS/FFR	Brandbekämpning.
STS/FLTCK	Flygmätning för kalibrering av navigationshjälpmedel.
STS/HAZMAT	Flygning med farligt gods ombord.
STS/HEAD	Flygning med statschef ombord.
STS/HOSP	Ambulansflygning som av medicinsk myndighet förklarats ha denna status.
STS/HUM	Flygning av humanitära ändamål.
STS/MEDEVAC	Flygning som innebär medicinsk evakuering för att rädda liv.
STS/NONRVSM	Flygning som saknar RVSM förmåga men som planerar flyga i luftrum med krav på RVSM.
STS/SAR	Flygning för SAR-ändamål.
STS/STATE	Flygning för statligt ändamål (dock ej flygning med statschef ombord).

Övriga skäl när särskilda åtgärder behövs från ATS ska anges under förkortningen RMK/.

Item 18 Other information

Insert 0 (zero) if no other information, or, any other necessary information in the sequence shown hereunder, in the form of the appropriate indicator selected from those defined hereunder followed by an oblique stroke and the information to be recorded.

The following indicators will be used for national and international flights.

STS/ Reason for special handling by ATS, for example search and rescue missions, as follows:

STS/ALTRV	For a flight operated in accordance with an altitude reservation.
STS/ATFMX	For a flight approved for exemption from ATFM measures by the appropriate ATS authority.
STS/FFR	Fire-fighting.
STS/FLTCK	Flight check for calibration of nav aids.
STS/HAZMAT	For flight carrying hazardous material.
STS/HEAD	A flight with Head of State status.
STS/HOSP	For a medical flight declared by medical authorities.
STS/HUM	For all flight operating on a humanitarian mission.
STS/MEDEVAC	For all life critical emergency evacuation.
STS/NONRVSM	For a non-RVSM capable flight intending to operate in RVSM airspace.
STS/SAR	For a flight engaged in a search and rescue mission.
STS/STATE	For a flight engaged in military, customs or police services.

Other reasons for special handling by ATS shall be denoted under the designator RMK/.

PBN/ Anger möjlig RNAV och/eller RNP förmåga. Inkludera det antal indikatorer som är aktuella för flygningen, max 8 enheter (totalt 16 karaktärer). RNAV och/eller PBN förmåga ska alltid anges om R angivits i fält 10.

RNAV specifikation

A1 RNAV 10 (RNP 10)
 B1 RNAV 5 med samtliga godkända positionsgivare
 B2 RNAV 5 GNSS
 B3 RNAV 5 DME/DME
 B4 RNAV 5 VOR/DME
 B5 RNAV 5 INS eller IRS
 B6 RNAV 5 LORANC
 C1 RNAV 2 med samtliga godkända positionsgivare
 C2 RNAV 2 GNSS
 C3 RNAV 2 DME/DME
 C4 RNAV 2 DME/DME/IRU
 D1 RNAV 1 med samtliga godkända positionsgivare
 D2 RNAV 1 GNSS
 D3 RNAV 1 DME/DME
 D4 RNAV 1 DME/DME/IRU

RNP specifikation

L1 RNP 4
 O1 Basic RNP 1 med samtliga godkända positionsgivare
 O2 Basic RNP 1 GNSS
 O3 Basic RNP 1 DME/DME
 O4 Basic RNP 1 DME/DME/IRU
 S1 RNP APCH
 S2 RNP APCH med BARO-NAV
 T1 RNP AR APCH med RF (speciellt tillstånd krävs)
 T2 RNP AR APCH utan RF (speciellt tillstånd krävs)

NAV/ Kompletterande uppgifter om navigeringsutrustning som inte angivits under PBN/ eller om bokstaven Z har angivits i fält 10. GNSS förstärkning anges med ett mellanslag mellan olika metoder för förstärkning. Exempel: NAV/GBAS SBAS För flygning inom IFPS-zonen som är undantagen från kraven på RNAV anges NAV/RNAVX (RNAV saknas) eller NAV/RNAVINOP (RNAV ur funktion).

COM/ Kompletterande uppgifter om radiokommunikationsutrustningen, om bokstaven Z har angivits i fält 10. Exempel: COM/UHF ONLY För flygning inom IFPS-zonen som är undantagen från kraven på 8,33 kHz anges COM/EXM833.

DAT/ Väsentliga uppgifter om datalänkmöjlighet som inte angivits under 10. För flygning inom IFPS-zonen som är undantagen från kraven på CPDLC anges DAT/CPDLCX.

PBN/ Indication of RNAV and/or RNP capabilities. Include as many of the descriptors below, as apply to the flight, up to a maximum of 8 entries, i.e. a total of not more than 16 characters.

RNAV specifications

A1 RNAV 10 (RNP 10)
 B1 RNAV 5 all permitted sensors
 B2 RNAV 5 GNSS
 B3 RNAV 5 DME/DME
 B4 RNAV 5 VOR/DME
 B5 RNAV 5 INS or IRS
 B6 RNAV 5 LORANC
 C1 RNAV 2 all permitted sensors
 C2 RNAV 2 GNSS
 C3 RNAV 2 DME/DME
 C4 RNAV 2 DME/DME/IRU
 D1 RNAV 1 all permitted sensors
 D2 RNAV 1 GNSS
 D3 RNAV 1 DME/DME
 D4 RNAV 1 DME/DME/IRU

RNP specifications

L1 RNP 4
 O1 Basic RNP 1 all permitted sensors
 O2 Basic RNP 1 GNSS
 O3 Basic RNP 1 DME/DME
 O4 Basic RNP 1 DME/DME/IRU
 S1 RNP APCH
 S2 RNP APCH with BARO-NAV
 T1 RNP AR APCH with RF (special authorization Required)
 T2 RNP AR APCH without RF (special authorization required)

NAV/ Significant data related to navigation equipment, other than specified in PBN/, or if the letter Z is inserted in item 10. Indicate GNSS augmentation under this indicator, with a space between two or more methods of augmentation. Example: NAV/GBAS SBAS. For flights within the IFPS zone exempted from the requirements for RNAV, insert NAV/RNAVX (RNAV missing) or NAV/RNAVINOP (RNAV inoperative).

COM/ Indicate communications applications or capabilities not specified in item 10. Example: COM/UHF ONLY. Flights within IFPS zone exempted from requirements for 8,33 kHz, insert COM/EXM833.

DAT/ Indicate data applications or capabilities not specified in item 10. Flights within IFPS zone exempted from requirements for CPDLC, insert DAT/CPDLCX.

SUR/	<p>Övervakningsutrustning som inte angivits i 10.</p> <p>Statsluftfart som saknar utrustning Mod S ELS ska ange SUR/EUELSX.</p> <p>Luftfart, inklusive statsluftfart, som saknar eller har tillfälligt obrukbar utrustning Mod S EHS och/eller ADS-B, ska ange SUR/EUEHSX och/eller SUR/EUADSBX.</p>	SUR/	<p>Include surveillance applications or capabilities not specified in item 10.</p> <p>State aircraft not equipped Mode S ELS should insert SUR/EUELSX.</p> <p>Aircraft, including state aircraft, not equipped, or with temporarily inoperative equipment, Mode S EHS and/or ADS-B, should insert SUR/EUEHSX and/or SUR/EUADSBX.</p>
DEP/	<p>Namn på avgångsflygplatsen om ZZZZ eller AFIL har angivits i fält 13 alternativt ICAO:s plats-indikator för den ATS-enhet där kompletterande färdplansuppgifter kan inhämtas anges. Exempel: DEP/ESNQ.</p> <p>För flygplatser som inte är publicerade i AIP anges även följande: Namn på avgångsflygplatsen i klartext eller latitud/longitud omfattande 11 tecken om det inte klart framgår var platsen ligger. Det rekommenderas att alltid ange flygplatsens namn i klartext och läge i latitud/longitud.</p> <p>Exempel: DEP/RASTOJAURE 6845N02030E.</p> <p>Alternativt anges bäring och distans från närmast signifikanta punkt uttryckt som magnetiska grader med tre siffror följt av distansen i NM angiven med tre siffror. Exempel: DEP/KRA360045.</p>	DEP/	<p>Name and location of departure aerodrome, if ZZZZ is inserted in item 13, or the ATS unit from which supplementary flight plan data can be obtained. Example: DEP/ESNQ.</p> <p>For aerodromes not listed in AIP, indicate as follows: The airport of departure identified by airport name in plain text or latitude/longitude extensive 11 characters if it is not clear where the site is located. It is recommended to always insert name of aerodrome and position in latitude/longitude.</p> <p>Example: DEP/RASTOJAURE 6845N02030E.</p> <p>or bearing and distance from the nearest significant point in the form of 3 figures giving degrees magnetic, followed by the distance in the form of 3 figures expressing nautical miles. Example: DEP/KRA360045.</p>
DEST/	<p>Namn på destinationsflygplatsen om ZZZZ har angivits i fält 16. För flygplatser som inte är publicerade i AIP anges destinationsflygplatsen på samma sätt som för DEP/ enligt ovan. Exempel: DEST/ABISKO 6821N01849E.</p>	DEST/	<p>Name and location of destination aerodrome, if ZZZZ is inserted in item 16. For aerodromes not listed in AIP, indicate location in LAT/LONG or bearing and distance from the nearest significant point, as described under DEP/ above. Example: DEST/ABISKO 6821N01849E.</p>
DOF/	<p>Datum då flygningen ska påbörjas (date of flight). Datum ska anges när färdplanen lämnas in mer än 24 timmar i förväg, och får anges även när färdplanen lämnas in mindre än 24 timmar i förväg. Datum anges som en sexställig datumgrupp (år, månad, dag). Exempel: DOF/121115.</p>	DOF/	<p>The date of flight departure in a six-figure format (YYMMDD). Date of flight shall be entered if the flight plan is filed more than 24 hours before EOBT and may be entered also when the flight plan is filed later than 24 hours before EOBT. Example: DOF/121115.</p>
REG/	<p>Luftfartygets registreringsbeteckning, om den avviker från den i fält 7 angivna beteckningen. Vid formationsflygning anges samtliga luftfartygsbeteckningar åtskilda av ett mellanslag. Exempel: REG/SEABC SEDEF.</p>	REG/	<p>The nationality or common mark and registration mark of the aircraft, if different from the aircraft identification in item 7. Example: REG/SEABC SEDEF.</p>
EET/	<p>Beteckningar för signifikanta punkter eller FIR-gränser och ackumulerad beräknad flygtid från start till dessa punkter eller FIR-gränser, om vederbörande ATS-myndighet har föreskrivet det. Exempel: EET/CAP0745 XYZ0830, EET/ESAA0204.</p> <p>Vid VFR-flygning ska plats och beräknad flygtid för passage av gräns till svenskt territorium anges.</p>	EET/	<p>Significant points or FIR boundary designators and accumulated estimated elapsed times from take-off to such points or FIR boundaries, when so prescribed by appropriate ATS authority. Examples: EET/CAP0745 XYZ0830, EET/ESAA0204.</p> <p>For VFR flight place and estimated elapsed time for crossing the border into Swedish territory to be specified.</p>
SEL/	<p>Eventuell SELCAL-kod. Exempel: SEL/BDFL.</p>	SEL/	<p>SELCAL Code, for aircraft so equipped. Example: SEL/BDFL.</p>

TYP/	Om ZZZZ har angivits i fält 9 ska typ(er) av luftfartyg anges. I förekommande fall ska uppgiften föregås av antalet luftfartyg. Exempel: TYP/2F15 5F5 3B2.	TYP/	Type(s) of aircraft, preceded if necessary without a space by number(s) of aircraft and separated by one space, if ZZZZ is inserted in item 9. Example: TYP/2F15 5F5 3B2.
CODE/	Flygning som planerar använda CPDLC ska ange flygplanets 24-bitas kod med 6 tecken. Exempel: F00001.	CODE/	Aircraft address (expressed in the form of an alphanumeric code of six hexadecimal characters) when required by the appropriate ATS authority. Example: F00001.
DLE/	Känd undervägsförseening eller väntläge anges med signifikant(a) punkt(er) där förseeningen eller väntläget förväntas inträffa, följt av tiden för den förväntade förseeningen uttryckt med fyra siffror i timmar och minuter. Exempel: DLE/VS0030.	DLE/	Enroute delay or holding, insert the significant point(s) on the route where a delay is planned to occur, followed by the length of delay using four figure time in hours and minutes (hhmm). Example: DLE/VS0030.
OPR/	Namnet på operatören om det inte framgår av luftfartygets beteckning i fält 7. Exempel: OPR/FASTAIR.	OPR/	ICAO designator or name of the aircraft operating agency, if different from the aircraft identification in item 7.
ORGN/	Originalavsändares AFTN-adress med 8 bokstäver eller andra kontaktuppgifter när avsändaren inte med säkerhet kan identifieras av ATS-enheter.	ORGN/	The originator's 8 letter AFTN address or other appropriate contact details, in cases where the originator of the flight plan may not be readily identified, by ATS-units.
PER/	Eventuell uppgift om luftfartygets prestanda indikerad med ett tecken, ref. ICAO Doc 8168 PANS OPS Volume 1 – Flight Procedures.	PER/	Aircraft performance data, indicated by a single letter as specified in ICAO Doc 8168 PANS-OPS.
ALTN/	Namn på alternativflygplats(er) om ZZZZ har angivits i fält 16. Exempel: ALTN/ABISKO. För flygplatser som inte är publicerade i AIP anges destinationsflygplatsen på samma sätt som för DEP/ enligt ovan.	ALTN/	Name of destination alternate aerodrome(s), if ZZZZ is inserted in item 16. Example: ALTN/ABISKO. For aerodromes not listed in AIP, indicate location in LAT/LONG or bearing and distance from the nearest significant point, as described in DEP/ above.
RALT/	ICAO:s fyrställiga platsindikator eller namnet på den eller de flygplatser som är alternativflygplats för undervägsdelen av flygningen. Exempel: RALT/ESMS: För flygplatser som inte är publicerade i AIP ska destinationsflygplatsen anges på samma sätt som för DEP/ enligt ovan.	RALT/	ICAO four letter indicator(s) for en-route alternate(s), as specified in Doc 7910, or name(s) of en-route alternate aerodrome(s), if no indicator is allocated. Example: RALT/ESMS. For aerodromes not listed in AIP, indicate location in LAT/LONG or bearing and distance from the nearest significant point, as described in DEP/ above.
TALT/	ICAO:s fyrställiga platsindikator på den eller de flygplatser som är alternativflygplats för start. Exempel: TALT/ESMS. För flygplatser som inte är publicerade i AIP ska destinationsflygplatsen anges på samma sätt som för DEP/ enligt ovan.	TALT/	ICAO four letter indicator(s) for take-off alternate, as specified in Doc 7910, or name(s) of take-off alternate aerodrome, if no indicator is allocated. Example: TALT/ESMS. For aerodromes not listed in AIP, indicate location in LAT/LONG or bearing and distance from the nearest significant point, as described in DEP/ above.
RIF/	Flygvägsdetaljer till ändrad destinationsflygplats, följt av ICAO:s platsindikator för denna flygplats. Flygvägsändringen förutsätter ändring av klarering i luften. Exempel: RIF/RUNGA XILAN ESSA.	RIF/	The route details to the revised destination aerodrome, followed by the ICAO four-letter location indicator of the aerodrome. The revised route is subject to reclearance in flight. Example: RIF/RUNGA XILAN ESSA.

<p>RMK/ Här anges alla ytterligare upplysningar i klartext. Godkända förkortningar enligt AIP SVERIGE GEN-2 får användas. Svenska militära luftfartyg ska vid flygning inom Sverige, om tillämpligt ange följande tilläggsinformation: OAT (militär färdplan), QRA (Quick Reaction Alert) och ARMED (laddad). Detta ska anges som första information efter RMK/ och i angiven ordning. Exempel: RMK/OAT QRA ARMED.</p>	<p>RMK/ Any other plain language remarks. Approved abbreviations listed in AIP SWEDEN GEN-2 may be used. Swedish military aircraft in flight within Sweden, shall if applicable provide the following additional information: OAT (military flight), QRA (Quick Reaction Alert) and ARMED (charged). This should be listed as the first information after RMK/ and in order. Example: RMK/OAT QRA ARMED.</p>
<p>Följande indikatorer får endast användas för flygningar inom IFPS-zonen:</p>	<p>The following indicators may be used for flights within the IFPS zone:</p>
<p>AWR/Rn (Aircraft Operator What-If Reroute) Färdplanen är en av flygoperatören modifierad färdplan. AWR/ ska utan mellanrum följas av Rn, där n ska vara en siffra som i ordningsföljd anger vilken färdplan det är i förhållande till den ursprungliga färdplanen. Exempel: AWR/R1 (=den första modifierade färdplanen, AWR/R2 (=den andra modifierade färdplanen).</p>	<p>AWR/Rn (Aircraft Operator What-If Reroute) To indicate that the flight plan is an alternative flight plan on the basis of the Aircraft Operator. AWR/ should be followed without a space by "Rn", whereby "n" designates the current number of the alternative flight plan. Example: AWR/R1 (= the first modified flight plan), AWR/R2 (= the second modified flight plan).</p>
<p>RFP/ Färdplanen är en ersättande färdplan (replacement flight plan). RFP/ ska utan mellanrum följas av Qn där n ska vara en siffra som i ordningsföljd anger vilken färdplan det är i förhållande till den ursprungliga färdplanen. Exempel: RFP/Q1 (=den första ersättande färdplanen), RFP/Q2 (=den andra ersättande färdplanen).</p>	<p>RFP/ To indicate that the flight plan is a replacement flight plan. RFP/ should be followed without a space by "Qn", whereby "n" designates the current number of the replacement flight plan for the flight concerned in relation to the original flight plan. Example: RFP/Q1 (= the first replacement), RFP/Q2 (=the second replacement).</p>
<p>RVR/ Ange lägsta RVR som krävs vid landning. (IFPS vidarebefordrar denna information till berörda ATS enheter samt till TACT, som kan använda den för flödesplaneringsändamål vid dimförhållanden). Exempel: RVR/350.</p>	<p>RVR/ Enter the minimum RVR required for landing. (IFPS will forward this information to relevant ATS units and to TACT, who can use it for ATFCM purposes when low visibility conditions apply. Example: RVR/350.</p>
<p>STAYINFO/ Ange vilken verksamhet som ska utföras under STAY. Numreringen på STAY och STAYINFO ska överensstämma. Exempel: STAYINFO1/CALIBRATION OF VSB VOR.</p>	<p>STAYINFO/ Insert type of activity to be carried out during STAY. STAYINFO should have the same sequence number as STAY. Example: STAYINFO1/CALIBRATION OF VSB VOR.</p>
<p>EUR/ Protected. Används när flygningen av olika skäl ska vara konfidentiell. Manuell handläggning utförs inom IFPS, inklusive en bedömning av behovet för att ange flygningen som konfidentiell. Exempel: EUR/PROTECTED.</p>	<p>EUR/ Protected. Used when the flight for various reasons, should be confidential. Manual processing is performed within the IFPS, including an assessment of the need to indicate the flight as confidential. Example: EUR/PROTECTED.</p>
<p>Följande indikator får endast användas för flygning inom Sverige med svenska militära luftfartyg.</p>	<p>The following indicator may only be used for flight in Sweden with Swedish military aircraft.</p>
<p>FOR/ (Formationsflygning) Används vid förbandsflygning inom svenskt område. Anropssignaler för samtliga flygplansindivider, åtskilda med ett plustecken, ska anges.</p>	<p>FOR/ (Formation flight) Used for formation flights within Swedish territory. Call Signs for all aircraft, separated by a plus, must be specified.</p>

Fält 19 Kompletterande upplysningar**Aktionstid**

Efter E/ Ange aktionstiden i timmar och minuter med 4 siffror. Exempel: E/0430.

Antalet personer ombord

Efter P/ Ange det totala antalet personer ombord (passagerare och besättning). Om totala antalet personer ombord inte är känt när färdplanen fylls i, för in bokstäverna TBN (To Be Notified = meddelas senare). Antalet personer ska då meddelas ATS senast vid uttaxning för avgång. Exempel: P/4, P/TBN.

Nöd- och räddningsutrustning

R/ Nödradio
Stryk över bokstäverna enligt nedan för sådan räddningsutrustning som inte medförs. Stryk alla bokstäver om ingen räddningsutrustning medförs. Stryk "U" om UHF (243 MHz) inte är tillgänglig på bärbar nödradio. Stryk "V" om VHF (121,5 MHz) inte är tillgänglig på bärbar nödradio. Stryk "E" om automatisk nödsändare (ELT) saknas i luftfartyget.

S/ Räddningsutrustning
Stryk över bokstäverna enligt nedan för sådan räddningsutrustning som inte medförs.

J/ Flytvästar
Stryk alla bokstäver om flytvästar inte medförs, eller stryk "L" om medförda flytvästar saknar ljus; stryk "F" om flytvästarna inte är av fluorescerande typ; stryk "U" och/eller "V" som efter R/ ovan, om flytvästradio saknas.

D/ Livbåtar
Ange antalet livbåtar och antalet personer som livbåtarna sammanlagt kan ta. Stryk "C" om livbåtarna inte är utrustade med tak. För in färgen på livbåtarna samt eventuella framträdande markeringar. Stryk både "D" och "C" om inga livbåtar medförs.

A/ Färg och markeringar på luftfartyget
För in luftfartygets huvudsaklig(a) färg(er) samt eventuella framträdande markeringar.

Tillåtna förkortningar:

B Blå
G Grön
R Röd
W Vit
Y Gul

Annan färg anges i klartext. Ange även kontrastmarkering enligt Transportstyrelsens föreskrifter och allmänna råd om flygning i fjällområdet, t.ex. med termen "DAYGLO" (=lysfärg) eller "CONTRAST".

Item 19 Supplementary information**Endurance**

After E/ Insert a 4-figure group giving the fuel endurance in hours and minutes. Example: E/0430.

Persons on board

After P/ Insert the total number of persons (passengers and crew) on board. Insert TBN (to be notified) if the total number of persons is not known at the time of filing. The number of persons on board should be given to ATS no later than when taxiing for departure. Example: P/4, P/TBN.

Emergency and survival equipment

R/ Emergency Radio
Cross out the letters as shown below for such rescue equipment not carried. Delete all characters if no rescue equipment is carried. Cross out U if UHF on frequency 243.0 MHz is not available. Cross out V if VHF on frequency 121.5 MHz is not available. Cross out E if emergency locator transmitter (ELT) is not available.

S/ Survival equipment
Cross out all indicators if survival equipment is not carried.

J/ Jackets
Cross out all indicators if life jackets are not carried. Cross out "L" if life jackets are not equipped with lights. Cross out "F" if life jackets are not equipped with fluorescent. Cross out "U" or "V" or both as in "R/" above to indicate radio capability of jackets, if any.

D/ Dinghies
Cross out indicators D and C if no dinghies are carried, or insert number of dinghies carried and insert total capacity, in persons, of all dinghies carried: and cross out indicator C if dinghies are not covered: and insert colour of dinghies if carried.

A/ Aircraft colour and markings
Insert colour of aircraft and significant markings.

Approved abbreviations:

B Blue
G Green
R Red
W White
Y Yellow

Other colours to be indicated in plain language. When appropriate, indicate contrast markings arranged in accordance with Swedish Transport Agency's regulations and general advice on flying in mountain area by the designation "DAYGLO" or "CONTRAST".

N/ Anmärkningar
Ange varje ytterligare medförd räddningsutrustning samt eventuellt andra upplysningar om räddningsutrustningen. Stryk "N" om det inte finns några anmärkningar att föra in.

C/ Befälhavarens namn
Texta befälhavarens namn.

Färdplanen inlämnad av

Fyll i namnet på den enhet, organisation eller person som lämnar in färdplanen. Fyll om möjligt i det telefonnummer på vilket flygoperatören kan nås före start så att ATS/ARO kan hämta eller lämna kompletterande information före avgång eller förmedla upplysningar om t.ex. en ATFCM restriktion. Uppgift om telefonnummer kan även underlätta efterforskning i samband med exempelvis ej avslutad färdplan.

N/ Remarks
Cross out indicator N if no remarks, or indicate any other survival equipment carried and any other remarks regarding survival equipment.

C/ Pilot in command
Insert name of pilot-in-command.

Flight plan filed by

Indicate name of the unit, organization or person filing the flight plan. If possible, also fill in the telephone number where aircraft operator can be reached before departure for additional information regarding ATFCM restrictions etc. Telephone number to PIC also facilitate search and rescue missions for example when flight plan is not closed.

ICAO färdplansblankett/ICAO model flight plan form

PRIORITY	ADDRESSEE(S)		
< ≡ FF			
< ≡			
FILING TIME	ORIGINATOR		
<input type="text"/>	<input type="text"/>		
SPECIFIC IDENTIFICATION OF ADDRESSEE(S) AND/OR ORIGINATOR			
ADDITIONAL ADDRESSEE(S)			
AD			
AD			
3 MESSAGE TYPE	7 AIRCRAFT IDENTIFICATION	8 FLIGHT RULES	TYPE OF FLIGHT
< ≡ (FPL	<input type="text"/>	<input type="text"/>	<input type="text"/>
9 NUMBER	TYPE OF AIRCRAFT	WAKE TURBULENCE CAT.	10 EQUIPMENT
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
13 DEPARTURE AERODROME	TIME		
<input type="text"/>	<input type="text"/>		
15 CRUISING SPEED	LEVEL	ROUTE	
<input type="text"/>	<input type="text"/>	<input type="text"/>	
< ≡			
16 DESTINATION AERODROME	TOTAL EET HR MIN	ALTERNATE AERODROME(S)	
<input type="text"/>	<input type="text"/>	<input type="text"/>	
18 OTHER INFORMATION	<input type="text"/>		
) < ≡			
19 SUPPLEMENTARY INFORMATION (NOT TO BE TRANSMITTED IN FPL MESSAGES)			
ENDURANCE HR MIN	PERSONS ON BOARD		EMERGENCY RADIO
E / <input type="text"/>	P / <input type="text"/>		R / U <input type="text"/>
			VHF V E
SURVIVAL EQUIPMENT	JACKETS		
S / P D M J F	J / L F U V		
DINGHIES NUMBER	CAPACITY	COVER	COLOUR
D / <input type="text"/>	<input type="text"/>	C / <input type="text"/>	<input type="text"/>
AIRCRAFT COLOUR AND MARKINGS			REMARKS
A / <input type="text"/>			N / <input type="text"/>
PILOT-IN-COMMAND (block letters)			
C / <input type="text"/>			
AVAILABLE UNTIL EOBT, TEL:		RECEIVED AT (time)	RECEIVED BY
FILED BY NAME			

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	15510	GREVEKULLA	574339.3N 0151504.6E	656	1555	FLG W	Wind turbine
	15511	GREVEKULLA	574353.4N 0151523.4E	656	1572	FLG W	Wind turbine
	15512	GREVEKULLA	574341.3N 0151555.8E	656	1558	FLG W	Wind turbine
	15513	GREVEKULLA	574330.9N 0151528.4E	656	1624	F R	Wind turbine
	15514	GREVEKULLA	574313.6N 0151531.7E	656	1568	F R	Wind turbine
	15515	GREVEKULLA	574302.1N 0151559.8E	656	1578	FLG W	Wind turbine
	15684	ÅSEDA	570636.5N 0151728.9E	627	1529	FLG W	Wind turbine
	15685	ÅSEDA	570618.8N 0151753.9E	627	1523	FLG W	Wind turbine
	15686	ÅSEDA	570517.6N 0151859.9E	627	1550	FLG W	Wind turbine
	15687	ÅSEDA	570524.0N 0151725.1E	627	1568	FLG W	Wind turbine
	15688	ÅSEDA	570403.2N 0151442.2E	627	1568	FLG W	Wind turbine
	15689	ÅSEDA	570352.4N 0151410.3E	627	1542	F R	Wind turbine
	15690	ÅSEDA	570351.4N 0151331.0E	627	1555	FLG W	Wind turbine
	15691	ÅSEDA	570424.6N 0151832.3E	627	1555	FLG W	Wind turbine
	15692	ÅSEDA	570416.8N 0151901.8E	627	1539	F R	Wind turbine
	15693	ÅSEDA	570404.4N 0151924.0E	627	1575	FLG W	Wind turbine
	15694	ÅSEDA	570350.1N 0151842.4E	627	1535	F R	Wind turbine
	15695	ÅSEDA	570358.6N 0151813.2E	627	1562	F R	Wind turbine
	15696	ÅSEDA	570330.6N 0151902.4E	627	1554	FLG W	Wind turbine
	15697	ÅSEDA	570302.9N 0151845.1E	627	1540	F R	Wind turbine
	15698	ÅSEDA	570246.2N 0151837.9E	627	1491	F R	Wind turbine
	15699	ÅSEDA	570231.6N 0151828.4E	627	1492	FLG W	Wind turbine
	15700	ÅSEDA	570319.5N 0151818.0E	627	1522	F R	Wind turbine
	15701	ÅSEDA	570332.4N 0151804.5E	627	1527	F R	Wind turbine
	15702	ÅSEDA	570319.0N 0151740.6E	627	1514	FLG W	Wind turbine
	15703	ÅSEDA	570300.9N 0151814.9E	627	1521	F R	Wind turbine
	15704	LENHOVDA	570223.6N 0151719.7E	607	1488	FLG W	Wind turbine
	15705	LENHOVDA	570244.8N 0151701.2E	607	1518	FLG W	Wind turbine
	15706	LENHOVDA	570223.7N 0151634.4E	607	1503	F R	Wind turbine
	15707	LENHOVDA	570206.0N 0151600.2E	607	1517	F R	Wind turbine
	15708	LENHOVDA	570215.3N 0151526.0E	607	1552	FLG W	Wind turbine
	15709	LENHOVDA	570201.6N 0151521.2E	607	1538	F R	Wind turbine
	15710	LENHOVDA	570144.7N 0151515.7E	607	1528	FLG W	Wind turbine
	15860	LÖNHULT	574516.4N 0150357.9E	423	1375	F R	Mast
57N 16E	145	LOFTAHAMMAR	575435.8N 0164429.2E	367	491	F R	Mast
	146	RUDA	570713.2N 0160910.8E	696	999	F R/FLG W	Mast, Note:Support cables within radius 300 m.
	147	VÅSTERVIK/FÅRHULT	574315.3N 0162533.8E	1099	1396	F R/FLG W	Mast
	148	VÅSTERVIK/MARIELUND	574334.2N 0163933.3E	413	485	F R	Mast
	149	OSKARSHAMN/SIMPEVARP	572446.3N 0164004.7E	361	380	F R	Chimney
	712	OSKARSHAMN/SIMPEVARP	572450.6N 0163935.2E	335	365	F R	Mast
	1292	BLANKAHOLM	573532.3N 0163006.1E	344	430	F R	Mast
	4141	GAMLEBY/LINKÖPING	575428.9N 0162350.7E	344	559	F R	Mast
	4500	VÅSTERVIK/FÅRHULT	574315.0N 0162536.8E	577	886	F R	Mast
	4906	OSKARSHAMN/SIMPEVARP	572458.5N 0164022.6E	328	332	F R	Chimney
	9872	MÖNSTERÅS	570524.9N 0163124.2E (*)	492	558	FLG R	Wind turbine
	9873	MÖNSTERÅS	570536.1N 0163143.5E (*)	492	541	FLG R	Wind turbine
	9874	MÖNSTERÅS	570549.7N 0163207.4E (*)	492	541	FLG R	Wind turbine
	9875	MÖNSTERÅS	570603.7N 0163232.0E (*)	492	518	FLG R	Wind turbine
	9876	MÖNSTERÅS	570554.3N 0163311.7E (*)	492	512	FLG R	Wind turbine
	9877	MÖNSTERÅS	570543.0N 0163348.5E (*)	492	505	FLG R	Wind turbine
	9954	MÖNSTERÅS/NYGÅRD	570532.6N 0163047.5E (*)	492	535	FLG R	Wind turbine
	9955	MÖNSTERÅS/NYGÅRD	570550.0N 0163119.7E (*)	492	535	FLG R	Wind turbine
	9956	MÖNSTERÅS/NYGÅRD	570604.0N 0163145.5E (*)	492	518	FLG R	Wind turbine
	9957	MÖNSTERÅS/NYGÅRD	570619.5N 0163214.2E (*)	492	525	FLG R	Wind turbine
	10314	GAMLEBY	575023.6N 0162214.8E (*)	492	758	FLG R	Wind turbine
	10315	GAMLEBY	575017.5N 0162146.5E (*)	492	771	FLG R	Wind turbine
	10316	GAMLEBY	575027.6N 0162127.9E (*)	492	810	FLG R	Wind turbine
	10317	GAMLEBY	575038.6N 0162156.5E (*)	492	764	FLG R	Wind turbine
	10318	GAMLEBY	575046.6N 0162133.7E (*)	492	768	FLG R	Wind turbine
	10319	GAMLEBY	575022.1N 0162104.6E (*)	492	774	FLG R	Wind turbine
	10797	HÄSSELSTAD	575805.4N 0162951.8E (*)	328	466	F R	Mast

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	11061	BÖDA	571544.0N 0165959.9E (*)	335	394	F R	Mast
	11672	GETTERUM	573359.5N 0162315.3E (*)	404	617	F R	Mast
	12385	BLANKAHOLM	573703.7N 0162744.3E (*)	394	633	F R	Mast
	14602	FLISERYD	570723.0N 0161813.9E	656	773	FLG W	Wind turbine
	14603	FLISERYD	570702.9N 0161753.5E	656	807	FLG W	Wind turbine
	14604	FLISERYD	570704.9N 0161853.1E	656	785	F R	Wind turbine
	14605	FLISERYD	570651.2N 0161823.7E	656	805	F R	Wind turbine
	14606	FLISERYD	570630.2N 0161819.4E	656	791	F R	Wind turbine
	14607	FLISERYD	570614.2N 0161820.4E	656	790	FLG W	Wind turbine
	14608	FLISERYD	570639.9N 0161854.0E	656	776	F R	Wind turbine
	14609	FLISERYD	570653.2N 0161929.7E	656	792	F R	Wind turbine
	14610	FLISERYD	570639.6N 0161952.2E	656	802	FLG W	Wind turbine
	14611	FLISERYD	570621.4N 0161900.5E	656	794	F R	Wind turbine
	14612	FLISERYD	570600.7N 0161905.5E	656	813	F R	Wind turbine
	14613	FLISERYD	570543.3N 0161921.7E	656	795	FLG W	Wind turbine
	14614	FLISERYD	570616.4N 0162003.2E	656	810	F R	Wind turbine
	14615	FLISERYD	570617.0N 0162052.6E	656	777	F R	Wind turbine
	14616	FLISERYD	570621.5N 0162129.8E	656	739	F R	Wind turbine
	14617	FLISERYD	570555.9N 0161959.8E	656	800	F R	Wind turbine
	14618	FLISERYD	570601.1N 0162037.9E	656	788	F R	Wind turbine
	14619	FLISERYD	570545.0N 0162019.5E	656	811	F R	Wind turbine
	14620	FLISERYD	570550.4N 0162118.9E	656	767	F R	Wind turbine
	14621	FLISERYD	570531.0N 0162040.7E	656	812	FLG W	Wind turbine
	14622	FLISERYD	570530.1N 0162121.2E	656	753	F R	Wind turbine
	14623	FLISERYD	570619.1N 0162215.9E	656	789	F R	Wind turbine
	14624	FLISERYD	570600.3N 0162208.1E	656	746	F R	Wind turbine
	14625	FLISERYD	570530.2N 0162221.6E	656	756	FLG W	Wind turbine
	14626	FLISERYD	570559.8N 0162247.9E	656	784	F R	Wind turbine
	14627	FLISERYD	570544.4N 0162243.1E	656	790	F R	Wind turbine
	14628	FLISERYD	570730.7N 0162248.3E	656	741	FLG W	Wind turbine
	14629	FLISERYD	570703.3N 0162308.2E	656	734	F R	Wind turbine
	14630	FLISERYD	570646.9N 0162403.3E	656	738	F R	Wind turbine
	14631	FLISERYD	570635.4N 0162425.7E	656	742	FLG W	Wind turbine
	14632	FLISERYD	570622.0N 0162341.8E	656	746	F R	Wind turbine
	14633	FLISERYD	570613.0N 0162413.3E	656	755	F R	Wind turbine
	14634	FLISERYD	570616.4N 0162452.3E	656	722	F R	Wind turbine
	14635	FLISERYD	570601.3N 0162505.8E	656	732	F R	Wind turbine
	14636	FLISERYD	570539.8N 0162439.2E	656	730	FLG W	Wind turbine
	14637	FLISERYD	570544.7N 0162519.8E	656	743	FLG W	Wind turbine
	15852	LEBO	573807.7N 0162637.9E	656	773	FLG W	Wind turbine
	15853	LEBO	573704.1N 0162742.9E	656	807	FLG W	Wind turbine
	15854	LEBO	573644.7N 0162748.4E	656	825	F R	Wind turbine
	15855	LEBO	573606.0N 0162740.8E	656	805	FLG W	Wind turbine
	15856	LEBO	573629.8N 0162658.0E	656	821	FLG W	Wind turbine
57N 17E	152	BYXELKROK	572106.8N 0170406.5E	420	444	F R	Mast
	11284	YTTERGRUND	570032.8N 0170016.6E (*)	446	446	FLG R	Wind turbine
	11285	YTTERGRUND	570019.5N 0170018.8E (*)	446	446	FLG R	Wind turbine
	11286	YTTERGRUND	570006.1N 0170019.6E (*)	446	446	FLG R	Wind turbine
57N 18E	159	IRE	574917.2N 0183627.1E	420	520	F R	Mast
	160	VISBY/FOLLINGBO	573533.6N 0182222.7E	853	1109	F R/FLG W	Mast
	161	VISBY/YGNE	573507.7N 0181101.2E	459	619	F R	Mast
	689	SLITE 2	574233.2N 0184812.2E	367	404	F R	Tower
	728	NÄSUDDEN	570422.9N 0181327.2E	453	478	FLG R	Wind turbine
	1289	LOJSTA	572008.3N 0182046.1E	328	612	F R	Mast
	1320	LJUGARN	572109.5N 0184353.0E	361	413	F R	Mast
	1449	SLITE	574232.4N 0184804.1E	358	403	F R	Silo
	1586	NÄSUDDEN	570420.5N 0181314.6E (*)	394	413	F R	Mast
	2193	NÄS	570350.3N 0181312.0E (*)	387	394	F R	Wind turbine
	2214	NÄS	570642.5N 0181311.8E (*)	410	413	FLG R	Wind turbine
	3249	NÄS	570422.9N 0181353.4E	328	369	F R	Wind turbine
	3969	SMÖJEN	574359.9N 0185632.1E (*)	328	361	F R	Wind turbine
	3970	SMÖJEN	574351.5N 0185640.5E (*)	328	344	F R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	3971	SMÖJEN	574342.6N 0185649.7E (*)	328	361	F R	Wind turbine
	3972	SMÖJEN	574334.5N 0185657.9E (*)	328	351	F R	Wind turbine
	4031	STORA VIKERS	575006.3N 0184908.4E (*)	328	443	F R	Wind turbine
	4032	STORA VIKERS	575005.9N 0184928.4E (*)	328	443	F R	Wind turbine
	4033	STORA VIKERS	575009.6N 0184947.3E (*)	328	443	F R	Wind turbine
	4034	STORA VIKERS	575014.3N 0185004.4E (*)	328	459	F R	Wind turbine
	4035	STORA VIKERS	575017.9N 0185022.4E (*)	328	459	F R	Wind turbine
	4036	STORA VIKERS	575016.6N 0185042.4E (*)	328	456	F R	Wind turbine
	4195	NÄSUDDEN	570354.6N 0181301.5E (*)	328	341	-	Wind turbine
	4355	LÄRBRO	575024.1N 0185038.8E (*)	364	479	F R	Wind turbine
	4356	LÄRBRO	575027.1N 0185007.4E (*)	364	489	F R	Wind turbine
	4357	LÄRBRO	575020.5N 0184953.0E (*)	364	489	F R	Wind turbine
	5343	NÄSUDDEN	570409.4N 0181428.7E (*)	410	420	F R	Wind turbine
	9485	NÄS	570632.2N 0181310.9E (*)	410	417	FLG R	Wind turbine
	9486	NÄS	570621.8N 0181310.1E (*)	410	417	FLG R	Wind turbine
	9487	NÄS	570611.5N 0181309.3E (*)	410	417	FLG R	Wind turbine
	9488	NÄS	570601.1N 0181308.4E (*)	410	417	FLG R	Wind turbine
	9489	NÄS	570550.8N 0181307.6E (*)	410	417	FLG R	Wind turbine
	9494	GRÖTLINGBO	570544.7N 0181949.6E (*)	410	443	FLG R	Wind turbine
	9495	GRÖTLINGBO	570451.5N 0181949.2E (*)	410	443	FLG R	Wind turbine
	10113	LÄRBRO	574838.8N 0184543.8E (*)	489	571	FLG R	Wind turbine
	10114	LÄRBRO	574827.4N 0184601.9E (*)	489	581	FLG R	Wind turbine
	10368	KRÄKLINGBO	572632.6N 0184601.8E (*)	459	486	FLG R	Wind turbine
	10387	NÄSUDDEN	570542.4N 0181241.5E (*)	443	449	FLG R	Wind turbine
	10388	NÄSUDDEN	570531.9N 0181240.7E (*)	443	449	FLG R	Wind turbine
	10389	NÄSUDDEN	570521.2N 0181239.9E (*)	443	449	FLG R	Wind turbine
	10390	NÄSUDDEN	570510.9N 0181239.1E (*)	443	453	FLG R	Wind turbine
	10391	NÄSUDDEN	570500.4N 0181238.2E (*)	443	459	FLG R	Wind turbine
	10392	NÄSUDDEN	570449.7N 0181237.4E (*)	443	463	FLG R	Wind turbine
	10393	NÄSUDDEN	570540.4N 0181306.8E (*)	443	456	FLG R	Wind turbine
	10394	NÄSUDDEN	570508.3N 0181304.3E (*)	443	463	FLG R	Wind turbine
	10395	NÄSUDDEN	570458.0N 0181303.4E (*)	443	466	FLG R	Wind turbine
	10396	NÄSUDDEN	570447.7N 0181302.6E (*)	443	466	FLG R	Wind turbine
	10397	NÄSUDDEN	570529.4N 0181305.9E (*)	443	459	FLG R	Wind turbine
	10398	NÄSUDDEN	570518.7N 0181305.1E (*)	443	459	FLG R	Wind turbine
	10399	NÄSUDDEN	570431.5N 0181211.2E (*)	443	449	FLG R	Wind turbine
	10400	NÄSUDDEN	570412.2N 0181209.6E (*)	443	466	FLG R	Wind turbine
	10401	NÄSUDDEN	570421.9N 0181210.4E (*)	443	456	FLG R	Wind turbine
	10402	NÄSUDDEN	570402.5N 0181208.9E (*)	443	466	FLG R	Wind turbine
	10403	NÄSUDDEN	570352.7N 0181208.1E (*)	443	456	FLG R	Wind turbine
	10404	NÄSUDDEN	570429.2N 0181235.8E (*)	443	466	FLG R	Wind turbine
	10405	NÄSUDDEN	570419.5N 0181235.0E (*)	443	466	FLG R	Wind turbine
	10406	NÄSUDDEN	570400.0N 0181233.4E (*)	443	466	FLG R	Wind turbine
	10407	NÄSUDDEN	570350.1N 0181232.7E (*)	443	466	FLG R	Wind turbine
	10408	SMÖJEN	574350.6N 0185710.3E (*)	456	469	FLG R	Wind turbine
	10751	STENGRINDE	574528.1N 0185153.1E (*)	492	561	FLG R	Wind turbine
	10791	STORA VIKERS	574937.3N 0184924.3E (*)	492	610	FLG R	Wind turbine
	12077	STORUNGS	574957.8N 0185043.7E (*)	492	610	FLG W	Wind turbine
	12103	STORUNGS	574947.7N 0184959.6E (*)	492	614	FLG W	Wind turbine
	12731	KRÄKLINGBO	572641.1N 0184536.9E (*)	489	522	FLG R	Wind turbine
	13137	NÄSUDDEN	570439.6N 0181236.6E (*)	476	495	FLG R	Wind turbine
	13138	NÄSUDDEN	570427.0N 0181301.0E (*)	476	499	FLG R	Wind turbine
	13139	NÄSUDDEN	570437.3N 0181301.8E (*)	476	499	FLG R	Wind turbine
	14503	NÄR	571321.6N 0183857.8E	476	500	FLG R	Wind turbine
57N 19E	165	BUNGE	575155.9N 0190008.0E	387	575	F R	Mast
	999	HOLMUDDEN	575729.7N 0192039.4E	666	716	F R/FLG W	Mast, 40 per min.
58N 11E	176	STRÖMSTAD	585607.4N 0111108.9E	377	510	F R	Mast
	177	UDEVALLA/HERRESTAD	582226.5N 0114917.0E	1089	1588	F R/FLG W	Mast
	179	TANUM	584337.3N 0112527.9E	387	845	F R	Mast
	180	SVANESUND/ORUST	581128.1N 0114803.8E	417	704	F R	Mast
	181	LYSEKIL	582043.5N 0112518.1E (*)	459	541	F R	Chimney
	719	STENUNGSUND 3	580507.6N 0114930.9E (*)	410	489	-	Chimney, Torch.

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	803	TJÖRNBRON	580333.6N 0114641.9E (*)	404	427	F R	Tower
	1725	KUNGSHAMN	582125.5N 0111510.2E	344	455	F R	Mast
	3958	UDDEVALLABRON	581927.3N 0115049.1E (*)	492	492	F R/FLG W	Tower, 60 per minute
	3959	UDDEVALLABRON	581936.2N 0115030.1E (*)	492	492	F R/FLG W	Tower, 60 per minute
	4433	TJÖRNBRON	580333.6N 0114702.9E (*)	404	427	F R	Tower
	4495	LYSEKIL	582045.5N 0112525.1E (*)	459	541	F R	Chimney
	7800	MUNGSERÖD	584616.6N 0112241.9E (*)	331	676	F R	Wind turbine
	7801	MUNGSERÖD	584628.7N 0112237.4E (*)	331	682	F R	Wind turbine
	7802	MUNGSERÖD	584627.4N 0112305.2E (*)	331	728	F R	Wind turbine
	7803	MUNGSERÖD	584637.8N 0112251.1E (*)	331	705	F R	Wind turbine
	7804	MUNGSERÖD	584637.4N 0112323.8E (*)	331	781	F R	Wind turbine
	7805	MUNGSERÖD	584646.8N 0112312.8E (*)	331	758	F R	Wind turbine
	7876	HÄLLEVADSHOLM	583616.5N 0113141.4E (*)	328	820	F R	Wind turbine
	7877	HÄLLEVADSHOLM	583528.3N 0112947.3E (*)	328	741	F R	Wind turbine
	8243	RÅLANDA	582223.0N 0114305.9E (*)	328	610	F R	Wind turbine
	8670	ÖDEBORG	583159.1N 0115016.3E (*)	328	820	F R	Wind turbine
	8856	HUMLEKÄRR	582036.0N 0112435.4E (*)	453	614	FLG R	Wind turbine
	8857	HUMLEKÄRR	582026.5N 0112446.4E (*)	453	692	FLG R	Wind turbine
	8984	TANUMSHEDE	584009.9N 0112513.8E (*)	476	856	FLG R	Wind turbine
	8985	TANUMSHEDE	583949.4N 0112538.4E (*)	476	892	FLG R	Wind turbine
	8986	TANUMSHEDE	583856.7N 0112644.9E (*)	476	886	FLG R	Wind turbine
	8987	TANUMSHEDE	583910.8N 0112652.1E (*)	476	912	FLG R	Wind turbine
	8992	TANUMSHEDE	583918.9N 0112609.1E (*)	476	919	FLG R	Wind turbine
	8993	TANUMSHEDE	583906.0N 0112624.7E (*)	476	915	FLG R	Wind turbine
	9387	SKEE	585344.9N 0111558.0E (*)	328	640	F R	Mast
	9451	LUR	584908.9N 0111645.7E (*)	456	607	FLG R	Wind turbine
	9452	LUR	584914.7N 0111624.7E (*)	456	659	FLG R	Wind turbine
	9453	LUR	584924.7N 0111642.4E (*)	456	643	FLG R	Wind turbine
	9454	LUR	584935.4N 0111630.0E (*)	456	610	FLG R	Wind turbine
	9752	HEDEKAS	583711.5N 0114911.2E (*)	476	994	FLG R	Wind turbine
	9753	HEDEKAS	583654.5N 0114819.2E (*)	476	1047	FLG R	Wind turbine
	9754	HEDEKAS	583650.7N 0114748.8E (*)	476	1086	FLG R	Wind turbine
	9755	HEDEKAS	583652.2N 0114857.1E (*)	476	994	FLG R	Wind turbine
	9756	HEDEKAS	583641.6N 0114824.5E (*)	476	1053	FLG R	Wind turbine
	9758	HEDEKAS	583627.5N 0114810.0E (*)	476	1096	FLG R	Wind turbine
	9963	HERRESTAD	582215.3N 0114311.3E (*)	482	768	FLG R	Wind turbine
	9964	HERRESTAD	582202.3N 0114340.4E (*)	482	810	FLG R	Wind turbine
	9970	TEGNEBY/ORUST	581005.3N 0113840.3E (*)	459	725	FLG R	Wind turbine
	9971	TEGNEBY/ORUST	581019.0N 0113827.0E (*)	459	764	FLG R	Wind turbine
	9972	TEGNEBY/ORUST	581019.9N 0113852.3E (*)	459	758	FLG R	Wind turbine
	10102	VIK	585157.8N 0111641.1E (*)	459	666	FLG R	Wind turbine
	10103	VIK	585142.8N 0111651.1E (*)	459	640	FLG R	Wind turbine
	10104	VIK	585132.4N 0111657.8E (*)	459	666	FLG R	Wind turbine
	10207	TÖFTEDAL	585227.7N 0114838.4E (*)	492	1135	FLG R	Wind turbine
	10208	TÖFTEDAL	585215.4N 0114910.0E (*)	492	1198	FLG R	Wind turbine
	10209	TÖFTEDAL	585155.1N 0114904.9E (*)	492	1188	FLG R	Wind turbine
	10210	TÖFTEDAL	585153.7N 0114953.6E (*)	492	1211	FLG R	Wind turbine
	10211	TÖFTEDAL	585138.9N 0114945.3E (*)	492	1188	FLG R	Wind turbine
	10212	TÖFTEDAL	585134.9N 0114915.3E (*)	492	1191	FLG R	Wind turbine
	10213	TÖFTEDAL	585121.3N 0114945.9E (*)	492	1207	FLG R	Wind turbine
	10214	TÖFTEDAL	585105.7N 0114911.7E (*)	492	1198	FLG R	Wind turbine
	10215	TÖFTEDAL	585054.9N 0114931.2E (*)	492	1217	FLG R	Wind turbine
	10216	TÖFTEDAL	585051.4N 0114857.3E (*)	492	1184	FLG R	Wind turbine
	10217	TÖFTEDAL	585040.0N 0114923.9E (*)	492	1198	FLG R	Wind turbine
	10218	TÖFTEDAL	585031.4N 0115005.3E (*)	492	1165	FLG R	Wind turbine
	10219	TÖFTEDAL	585023.7N 0115034.8E (*)	492	1099	FLG R	Wind turbine
	10220	TÖFTEDAL	585028.7N 0115128.1E (*)	492	1053	FLG R	Wind turbine
	10221	TÖFTEDAL	585035.7N 0115158.2E (*)	492	1086	FLG R	Wind turbine
	10222	TÖFTEDAL	585231.4N 0114752.3E (*)	492	1096	FLG R	Wind turbine
	10223	TÖFTEDAL	585103.3N 0115032.6E (*)	492	1158	FLG R	Wind turbine
	10224	TÖFTEDAL	585055.4N 0115102.6E (*)	492	1109	FLG R	Wind turbine
	10225	TÖFTEDAL	585120.1N 0115106.7E (*)	492	1112	FLG R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	10226	TÖFTEDAL	585113.4N 0115136.3E (*)	492	1132	FLG R	Wind turbine
	10227	TÖFTEDAL	585059.4N 0115143.5E (*)	492	1083	FLG R	Wind turbine
	10233	BOKENÄS	581832.0N 0113746.9E (*)	394	876	FLG R	Wind turbine
	10234	BOKENÄS	581827.8N 0113801.7E (*)	394	840	FLG R	Wind turbine
	10550	TOLVMANSTEGEN	585248.3N 0112450.3E (*)	492	942	FLG R	Wind turbine
	10551	TOLVMANSTEGEN	585247.8N 0112521.8E (*)	492	1014	FLG R	Wind turbine
	10552	TOLVMANSTEGEN	585325.3N 0112516.2E (*)	492	971	FLG R	Wind turbine
	10554	TOLVMANSTEGEN	585312.5N 0112418.1E (*)	492	938	FLG R	Wind turbine
	10555	TOLVMANSTEGEN	585315.6N 0112454.3E (*)	492	1043	FLG R	Wind turbine
	10556	TOLVMANSTEGEN	585305.1N 0112508.3E (*)	492	1033	FLG R	Wind turbine
	10557	TOLVMANSTEGEN	585337.4N 0112357.1E (*)	492	935	FLG R	Wind turbine
	10558	TOLVMANSTEGEN	585315.7N 0112530.3E (*)	492	1089	FLG R	Wind turbine
	10559	TOLVMANSTEGEN	585342.9N 0112522.8E (*)	492	1004	FLG R	Wind turbine
	10560	TOLVMANSTEGEN	585356.2N 0112503.8E (*)	492	1070	FLG R	Wind turbine
	10561	TOLVMANSTEGEN	585405.3N 0112534.1E (*)	492	1106	FLG R	Wind turbine
	10562	TOLVMANSTEGEN	585409.4N 0112510.2E (*)	492	1073	FLG R	Wind turbine
	10563	TOLVMANSTEGEN	585328.2N 0112429.1E (*)	492	978	FLG R	Wind turbine
	10564	TOLVMANSTEGEN	585329.3N 0112456.5E (*)	492	1020	FLG R	Wind turbine
	10565	TOLVMANSTEGEN	585325.3N 0112516.2E (*)	492	1076	FLG R	Wind turbine
	10566	TOLVMANSTEGEN	585340.9N 0112456.3E (*)	492	1040	FLG R	Wind turbine
	10567	TOLVMANSTEGEN	585351.2N 0112414.1E (*)	492	981	FLG R	Wind turbine
	10568	TOLVMANSTEGEN	585348.3N 0112439.9E (*)	492	1017	FLG R	Wind turbine
	10569	TOLVMANSTEGEN	585403.8N 0112434.1E (*)	492	1017	FLG R	Wind turbine
	10570	TOLVMANSTEGEN	585424.4N 0112524.6E (*)	492	1043	FLG R	Wind turbine
	10571	TOLVMANSTEGEN	585421.8N 0112547.8E (*)	492	1050	FLG R	Wind turbine
	10681	MUNKEDAL	583102.8N 0114418.0E (*)	492	961	FLG R	Wind turbine
	10682	MUNKEDAL	583114.4N 0114400.0E (*)	492	984	FLG R	Wind turbine
	10683	MUNKEDAL	583132.2N 0114412.5E (*)	492	1083	FLG R	Wind turbine
	10949	HÄLLEVADSHOLM	583355.6N 0113023.0E (*)	489	896	FLG R	Wind turbine
	10950	HÄLLEVADSHOLM	583402.4N 0113051.9E (*)	489	886	FLG R	Wind turbine
	11106	GUNNARBY	582424.6N 0114117.3E (*)	489	948	FLG R	Wind turbine
	11107	GUNNARBY	582406.5N 0114114.9E (*)	489	899	FLG R	Wind turbine
	11108	GUNNARBY	582417.5N 0114055.5E (*)	489	932	FLG R	Wind turbine
	11109	GUNNARBY	582340.6N 0114201.8E (*)	489	922	FLG R	Wind turbine
	11110	GUNNARP	582318.4N 0114235.5E (*)	489	886	FLG R	Wind turbine
	11111	GUNNARBY	582310.1N 0114302.8E (*)	489	810	FLG R	Wind turbine
	11112	GUNNARBY	582355.9N 0114121.5E (*)	489	922	FLG R	Wind turbine
	11113	GUNNARBY	582351.3N 0114139.4E (*)	489	919	FLG R	Wind turbine
	11258	DINGLE	583212.7N 0112920.2E (*)	489	928	FLG R	Wind turbine
	11259	DINGLE	583215.4N 0112952.3E (*)	489	919	FLG R	Wind turbine
	11260	DINGLE	583229.2N 0112959.0E (*)	489	827	FLG R	Wind turbine
	11261	DINGLE	583202.1N 0112941.5E (*)	489	928	FLG R	Wind turbine
	11262	DINGLE	583210.1N 0112853.7E (*)	489	951	FLG R	Wind turbine
	11263	DINGLE	583210.1N 0112824.6E (*)	489	971	FLG R	Wind turbine
	11264	DINGLE	583239.0N 0113520.4E (*)	489	1004	FLG R	Wind turbine
	11265	DINGLE	583227.4N 0113548.9E (*)	489	965	FLG R	Wind turbine
	11266	DINGLE	583234.6N 0113616.7E (*)	489	889	FLG R	Wind turbine
	11267	DINGLE	583220.7N 0113525.4E (*)	489	981	FLG R	Wind turbine
	11268	DINGLE	583221.3N 0113627.2E (*)	489	889	FLG R	Wind turbine
	11269	DINGLE	583233.9N 0113718.8E (*)	489	886	FLG R	Wind turbine
	11878	TANUMSHED	584542.7N 0112449.0E (*)	492	948	FLG R	Wind turbine
	11879	TANUMSHED	584551.9N 0112512.2E (*)	492	968	FLG R	Wind turbine
	11880	TANUMSHED	584609.1N 0112524.8E (*)	492	1014	FLG R	Wind turbine
	11881	TANUMSHED	584621.8N 0112550.3E (*)	492	1017	FLG R	Wind turbine
	11882	TANUMSHED	584608.6N 0112607.3E (*)	492	1017	FLG R	Wind turbine
	11883	TANUMSHED	584552.7N 0112610.7E (*)	492	1043	FLG R	Wind turbine
	11884	TANUMSHED	584536.9N 0112616.9E (*)	492	1007	FLG R	Wind turbine
	11885	TANUMSHED	584529.6N 0112550.5E (*)	492	984	FLG R	Wind turbine
	11886	TANUMSHED	584613.9N 0112631.3E (*)	492	1066	FLG R	Wind turbine
	11887	TANUMSHED	584602.8N 0112654.1E (*)	492	1066	FLG R	Wind turbine
	11888	TANUMSHED	584547.2N 0112648.2E (*)	492	1007	FLG R	Wind turbine
	11989	TANUMSHED	584647.2N 0112344.5E (*)	476	928	FLG R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	11990	TANUMSHEDE	584659.7N 0112332.3E (*)	476	928	FLG R	Wind turbine
	11991	TANUMSHEDE	584614.6N 0112318.6E (*)	476	906	FLG R	Wind turbine
	11992	TANUMSHEDE	584631.3N 0112341.4E (*)	476	942	FLG R	Wind turbine
	11993	TANUMSHEDE	584635.8N 0112408.8E (*)	476	948	FLG R	Wind turbine
	11994	TANUMSHEDE	584606.3N 0112405.8E (*)	476	935	FLG R	Wind turbine
	11995	TANUMSHEDE	584618.9N 0112419.1E (*)	476	958	FLG R	Wind turbine
	11996	TANUMSHEDE	584631.3N 0112439.0E (*)	476	1020	FLG R	Wind turbine
	12201	TANUMSHEDE	584444.1N 0112646.7E (*)	492	909	FLG R	Wind turbine
	12384	STENUNGSUND	580741.9N 0115536.5E (*)	410	853	FLG R	Wind turbine
	12822	HÄLLEVDASHOLM	583346.4N 0113001.1E (*)	492	837	FLG R	Wind turbine
	12991	TANUMSHEDE	584556.1N 0112424.7E (*)	364	767	FLG R	Wind turbine
	12992	TANUMSHEDE	584607.2N 0112441.6E (*)	364	807	FLG R	Wind turbine
	12993	TANUMSHEDE	584618.1N 0112500.0E (*)	364	848	FLG R	Wind turbine
	12994	TANUMSHEDE	584628.5N 0112508.2E (*)	364	859	FLG R	Wind turbine
	13881	SKEE	585429.9N 0111833.2E (*)	492	850	FLG R	Wind turbine
	13882	SKEE	585416.7N 0111849.0E (*)	492	820	FLG R	Wind turbine
	15322	LUR	585048.2N 0112003.9E	656	1004	FLG W	Wind turbine
	15323	LUR	585025.7N 0111941.5E	656	978	FLG W	Wind turbine
	15324	LUR	585034.0N 0112016.5E	656	997	FLG W	Wind turbine
	15325	SKEE	585349.1N 0111557.2E	656	961	FLG W	Wind turbine
	15326	SKEE	585320.9N 0111521.3E (*)	656	909	FLG W	Wind turbine
	15327	SKEE	585341.3N 0111524.5E	656	915	F R	Wind turbine
	15328	SKEE	585253.8N 0111555.8E	656	797	FLG W	Wind turbine
	15329	SKEE	585303.3N 0111534.2E	656	810	F R	Wind turbine
	15330	SKEE	585316.9N 0111548.9E	656	892	F R	Wind turbine
	15331	SKEE	585334.1N 0111549.8E	656	942	F R	Wind turbine
	15666	TORMOSERÖD	585138.6N 0112442.6E	656	1112	FLG W	Wind turbine
	15667	TORMOSERÖD	585136.8N 0112522.0E	656	1137	F R	Wind turbine
	15668	TORMOSERÖD	585140.1N 0112603.9E	656	1197	F R	Wind turbine
	15669	TORMOSERÖD	585154.7N 0112632.5E	656	1189	FLG W	Wind turbine
	15670	TORMOSERÖD	585151.6N 0112717.0E	656	1249	F R	Wind turbine
	15671	TORMOSERÖD	585146.2N 0112749.4E	656	1284	FLG W	Wind turbine
	15672	TORMOSERÖD	585130.9N 0112636.3E	656	1170	F R	Wind turbine
	15673	TORMOSERÖD	585119.8N 0112539.4E	656	1115	FLG W	Wind turbine
	15674	TORMOSERÖD	585105.5N 0112632.7E	656	1168	F R	Wind turbine
	15675	TORMOSERÖD	585128.0N 0112741.0E	656	1263	F R	Wind turbine
	15676	TORMOSERÖD	585107.1N 0112712.0E	656	1203	FLG W	Wind turbine
58N 12E	186	BÄCKEFORS	584920.0N 0121200.8E	1073	1785	F R/FLG W	Mast
	191	TROLLHÄTTAN/STRÖMSLUND	581723.5N 0121637.7E (*)	394	686	F R	Mast
	4524	BÄCKEFORS	584920.3N 0121200.8E	417	1132	-	Mast
	5161	SKOG	583304.3N 0125919.7E (*)	328	538	F R	Wind turbine
	5295	HÄBERG	582002.4N 0123443.9E (*)	328	489	F R	Wind turbine
	5786	FLO HALLEBO	582038.0N 0123740.2E (*)	328	499	F R	Wind turbine
	5971	VÅRGÅRDA	580026.7N 0123347.2E (*)	354	902	F R	Mast
	6430	FRITTORP	582046.4N 0124732.1E (*)	328	558	F R	Wind turbine
	7098	BREDVIKEN	583232.4N 0123140.6E (*)	328	531	F R	Wind turbine
	7631	ERIKSTAD	583717.3N 0122559.0E (*)	328	545	F R	Wind turbine
	7767	BOLSTAD	583431.0N 0122739.9E (*)	328	525	F R	Wind turbine
	8466	LILLA EDET	580833.8N 0120851.7E (*)	331	784	F R	Wind turbine
	8516	VARA	581347.0N 0125955.2E (*)	328	614	F R	Wind turbine
	8583	JÄRN	583928.1N 0123153.3E (*)	328	518	F R	Wind turbine
	8608	SÖDRA HÄRENE	580718.0N 0125126.5E (*)	328	663	F R	Wind turbine
	8666	BRÅLANDA	583446.3N 0122243.4E (*)	328	531	F R	Wind turbine
	8667	BRÅLANDA	583522.5N 0122226.9E (*)	328	512	F R	Wind turbine
	8671	BOLSTAD	583716.8N 0123143.8E (*)	328	505	F R	Wind turbine
	8672	GRINSTAD	583718.4N 0123158.5E (*)	328	505	F R	Wind turbine
	8711	BOLSTAD	583604.2N 0123319.3E (*)	456	620	F R	Wind turbine
	8712	BOLSTAD	583611.1N 0123344.2E (*)	456	620	F R	Wind turbine
	8713	BOLSTAD	583602.2N 0123404.4E (*)	456	620	F R	Wind turbine
	8724	ARENTORP	581248.7N 0124934.7E (*)	328	623	F R	Wind turbine
	8876	ST LEVENE	581859.2N 0125821.6E (*)	328	561	F R	Wind turbine
	8886	VARA	581549.8N 0125437.3E (*)	328	587	F R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	9103	VÄNERSNÄS	582801.2N 0123639.5E (*)	328	482	FLG R	Wind turbine
	9119	ERIKSTAD	583725.1N 0122338.9E (*)	459	689	FLG R	Wind turbine
	9120	ERIKSTAD	583727.8N 0122407.0E (*)	459	689	FLG R	Wind turbine
	9121	ERIKSTAD	583712.7N 0122421.2E (*)	459	679	FLG R	Wind turbine
	9122	ERIKSTAD	583710.5N 0122343.8E (*)	459	679	FLG R	Wind turbine
	9134	ERIKSTAD	583528.0N 0122501.9E (*)	459	653	FLG R	Wind turbine
	9135	ERIKSTAD	583516.8N 0122520.4E (*)	459	653	FLG R	Wind turbine
	9178	STORA MELLBY	581000.9N 0123825.6E (*)	328	738	FLG R	Wind turbine
	9254	ST LEVENE	581925.9N 0125741.2E (*)	328	571	F R	Wind turbine
	9302	RYDA	581714.1N 0125358.9E (*)	335	597	FLG R	Wind turbine
	9408	HÄBERG	581948.1N 0123459.5E (*)	492	656	FLG R	Wind turbine
	9409	HÄBERG	582007.7N 0123506.6E (*)	492	656	FLG R	Wind turbine
	9410	GRÅSTORP	582106.9N 0123730.2E (*)	492	666	FLG R	Wind turbine
	9417	VARA	581603.6N 0125219.6E (*)	328	600	F R	Wind turbine
	9446	HÅKANTORP	581816.9N 0125541.2E (*)	456	696	FLG R	Wind turbine
	9447	HÅKANTORP	581831.1N 0125559.6E (*)	456	692	FLG R	Wind turbine
	9471	GRINSTAD	583635.7N 0123026.1E (*)	456	627	FLG R	Wind turbine
	9472	GRINSTAD	583619.3N 0123028.6E (*)	456	620	FLG R	Wind turbine
	9482	VARA	581655.6N 0125918.9E (*)	459	719	FLG R	Wind turbine
	9483	VARA	581702.2N 0125829.9E (*)	459	719	FLG R	Wind turbine
	9484	VARA	581658.8N 0125855.5E (*)	459	712	FLG R	Wind turbine
	9542	ESSUNGA	581144.9N 0124949.6E (*)	492	784	FLG R	Wind turbine
	9543	ESSUNGA	581132.1N 0124940.9E (*)	509	807	FLG R	Wind turbine
	9717	LILLA EDET	580829.4N 0120905.2E (*)	331	791	FLG R	Wind turbine
	9774	FLAKEBERG	582011.9N 0124707.0E (*)	459	692	FLG R	Wind turbine
	9775	FLAKEBERG	581959.3N 0124714.8E (*)	459	696	FLG R	Wind turbine
	9776	FLAKEBERG	581946.7N 0124722.6E (*)	459	692	FLG R	Wind turbine
	9777	FLAKEBERG	581923.3N 0124829.5E (*)	459	702	FLG R	Wind turbine
	9778	VARA	581922.1N 0124802.4E (*)	459	699	FLG R	Wind turbine
	9817	LILLA EDET	580854.0N 0120938.8E (*)	456	906	FLG R	Wind turbine
	9818	LILLA EDET	580845.3N 0120839.3E (*)	456	833	FLG R	Wind turbine
	9819	LILLA EDET	580859.9N 0121004.5E (*)	456	843	FLG R	Wind turbine
	9830	GRÅSTORP	582141.2N 0123655.6E (*)	492	669	FLG R	Wind turbine
	9947	ÅNIMSKOG	585520.5N 0123342.8E (*)	328	755	F R	Mast
	9987	GRINSTAD	583741.9N 0123004.6E (*)	492	686	FLG R	Wind turbine
	10016	ERIKSTAD	583709.9N 0122542.5E (*)	492	709	FLG R	Wind turbine
	10074	ERIKSTAD	583830.0N 0122556.6E (*)	492	702	FLG R	Wind turbine
	10075	ERIKSTAD	583821.9N 0122625.1E (*)	492	702	FLG R	Wind turbine
	10078	SVECKLINGEBYN	583924.7N 0122335.4E (*)	492	725	FLG R	Wind turbine
	10079	SVECKLINGEBYN	583908.9N 0122354.2E (*)	492	722	FLG R	Wind turbine
	10080	BOLSTAD	583414.4N 0122807.3E (*)	489	673	FLG R	Wind turbine
	10125	BOLSTAD	583455.4N 0122930.2E (*)	489	650	FLG R	Wind turbine
	10126	BOLSTAD	583459.8N 0122901.5E (*)	489	653	FLG R	Wind turbine
	10127	BRÅLANDA	583438.0N 0122223.5E (*)	489	686	FLG R	Wind turbine
	10128	BRÅLANDA	583436.8N 0122153.1E (*)	489	689	FLG R	Wind turbine
	10203	LILLA EDET	580916.8N 0120847.3E (*)	492	919	FLG R	Wind turbine
	10204	LILLA EDET	580901.4N 0120857.3E (*)	492	919	FLG R	Wind turbine
	10205	LILLA EDET	580822.3N 0120933.2E (*)	492	919	FLG R	Wind turbine
	10278	RANGELTORP	581323.5N 0125955.2E (*)	489	784	FLG R	Wind turbine
	10504	GRÅSTORP	581738.1N 0124636.6E (*)	459	709	FLG R	Wind turbine
	10505	GRÅSTORP	581721.9N 0124629.2E (*)	459	712	FLG R	Wind turbine
	10761	LILLA EDET	580618.4N 0120447.7E (*)	459	899	FLG R	Wind turbine
	10762	LILLA EDET	580632.6N 0120449.1E (*)	459	899	FLG R	Wind turbine
	13130	RÄNSLIDEN	585025.9N 0121903.6E (*)	656	1322	FLG W	Wind turbine
	13131	RÄNSLIDEN	585009.3N 0121857.7E (*)	656	1273	F R	Wind turbine
	13132	RÄNSLIDEN	584951.2N 0121855.0E (*)	656	1260	FLG W	Wind turbine
	13133	RÄNSLIDEN	585030.9N 0121827.3E (*)	656	1319	F R	Wind turbine
	13134	RÄNSLIDEN	585014.5N 0121812.8E (*)	656	1322	F R	Wind turbine
	13135	RÄNSLIDEN	584958.4N 0121817.1E (*)	656	1306	FLG W	Wind turbine
	13136	RÄNSLIDEN	585026.9N 0121750.5E (*)	656	1322	FLG W	Wind turbine
	14406	SVENSHÖGEN	580949.3N 0120042.6E (*)	591	1066	FLG W	Wind turbine
	14407	SVENSHÖGEN	580926.6N 0120047.0E (*)	591	1102	FLG W	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
58N 13E	14408	SVENSHÖGEN	580933.8N 0120142.9E (*)	591	1102	FLG W	Wind turbine
	14440	SVARTEHALLEN	580656.6N 0120023.4E	591	1063	FLG W	Wind turbine
	14441	SVARTEHALLEN	580620.0N 0120059.6E	591	1073	FLG W	Wind turbine
	14442	SVARTEHALLEN	580619.1N 0120134.1E	591	1083	FLG W	Wind turbine
	14811	FENGERSFORS	585833.0N 0123100.9E	377	873	F R	Mast
	15225	KINGEBOL	585539.0N 0123403.7E	656	1073	FLG R	Wind turbine
	15226	KINGEBOL	585520.1N 0123340.4E	656	1073	FLG R	Wind turbine
	15227	KINGEBOL	585456.4N 0123338.2E	656	1040	FLG W	Wind turbine
	15228	KINGEBOL	585510.0N 0123410.2E	656	1060	FLG W	Wind turbine
	15229	KINGEBOL	585534.3N 0123322.6E	656	1099	FLG W	Wind turbine
	15230	KINGEBOL	585553.1N 0123354.0E	656	1076	FLG W	Wind turbine
	199	SKÖVDE/BILLINGEN	582435.2N 0134848.5E	1070	2000	FLG W	Mast
	776	BILLINGEN 2	582604.0N 0134907.0E	354	1290	F R	Mast
	4523	SKÖVDE/BILLINGEN	582435.4N 0134847.9E	328	1265	F R	Mast
	5759	STORA LUND	582816.2N 0132758.7E (*)	328	741	F R	Wind turbine
	6000	ERIKSTORP	582743.6N 0133220.8E (*)	328	735	F R	Wind turbine
	6188	MÄRENE	582532.1N 0132915.2E (*)	328	728	F R	Wind turbine
	6233	SKARA	582721.8N 0133431.6E (*)	328	755	F R	Wind turbine
	6368	NOLGÅRDEN	580505.3N 0134233.6E (*)	328	1083	F R	Wind turbine
	6689	BROBY	583005.2N 0132217.1E (*)	328	545	F R	Wind turbine
	6786	MÖRKAGÅRDEN	581700.9N 0131332.6E (*)	328	630	F R	Wind turbine
	6963	LEDSJÖ	582806.5N 0132909.0E (*)	328	758	F R	Wind turbine
	6981	LEDSJÖ	582724.7N 0132807.5E (*)	328	725	F R	Wind turbine
	7060	LUNDSBRUNN	582910.6N 0132400.9E (*)	328	577	F R	Wind turbine
	7249	N VÅNGA	581627.2N 0131529.0E (*)	328	653	F R	Wind turbine
	7408	SKÅNINGS-ÅSAKA	582544.5N 0133009.4E (*)	328	722	F R	Wind turbine
	7409	STOMMEN	582312.1N 0131206.9E (*)	328	561	F R	Wind turbine
	7595	DIMBO	580934.4N 0134836.1E (*)	328	1115	F R	Wind turbine
	7643	LUNDSBRUNN	582802.4N 0132743.2E (*)	328	738	F R	Wind turbine
	7687	HANGELÖSA	582811.0N 0132037.9E (*)	328	587	F R	Wind turbine
	7721	BROBY	582937.1N 0132235.2E (*)	328	568	F R	Wind turbine
	7722	SKALLMEJA	582349.7N 0131138.5E (*)	328	564	F R	Wind turbine
	7840	SANDHEM	580055.0N 0134903.6E (*)	328	1250	F R	Wind turbine
	7905	KINNARP	580510.1N 0132917.0E (*)	331	981	F R	Wind turbine
	8326	EGGBY	582618.6N 0133530.9E (*)	328	761	F R	Wind turbine
	8330	BRUNNSGRÅDEN	580448.1N 0134254.7E (*)	335	1086	F R	Wind turbine
	8331	BROBY	583014.7N 0132135.1E (*)	335	564	F R	Wind turbine
	8350	KVÅNUM	581706.3N 0131346.5E (*)	331	633	F R	Wind turbine
	8351	KVÅNUM	581710.5N 0131333.0E (*)	331	633	F R	Wind turbine
	8387	LANNA	582143.1N 0130918.8E (*)	459	705	F R	Wind turbine
	8388	LANNA	582133.9N 0130936.6E (*)	459	709	F R	Wind turbine
	8417	SALEBY	582254.8N 0131211.9E (*)	335	574	FLG R	Wind turbine
	8497	LUNDSBRUNN	582712.0N 0133036.5E (*)	328	741	FLG R	Wind turbine
	8515	SKÅNINGS ÅSAKA	582656.9N 0133313.7E (*)	328	761	F R	Wind turbine
	8517	FALKÖPING	580701.5N 0132640.4E (*)	328	971	F R	Wind turbine
	8522	HÄRJEVAD	582224.0N 0130325.0E (*)	328	558	FLG R	Wind turbine
	8573	SYNNERBY	582244.3N 0131759.2E (*)	390	686	FLG R	Wind turbine
8574	SYNNERBY	582242.0N 0131823.4E (*)	390	689	FLG R	Wind turbine	
8575	LUTTRA	580650.9N 0133338.4E (*)	390	1119	FLG R	Wind turbine	
8578	LOVENE	582559.8N 0130233.0E (*)	328	528	FLG R	Wind turbine	
8579	HJÅLSTAD	583553.2N 0135940.3E (*)	335	581	F R	Wind turbine	
8622	N VÅNGA	581550.1N 0131519.1E (*)	328	659	FLG R	Wind turbine	
8668	KVÅNUM	581814.4N 0130828.1E (*)	459	719	FLG R	Wind turbine	
8688	SKÖRSTORP	580721.6N 0134446.7E (*)	456	1243	F R	Wind turbine	
8689	SKÖRSTORP	580712.4N 0134450.8E (*)	456	1243	F R	Wind turbine	
8690	SKÖRSTORP	580702.2N 0134457.5E (*)	456	1250	F R	Wind turbine	
8722	KVÅNUM	581807.1N 0130742.8E (*)	459	719	FLG R	Wind turbine	
8845	BROBY	582957.2N 0132230.1E (*)	328	558	F R	Wind turbine	
8846	BROBY	582948.2N 0132238.5E (*)	328	561	FLG W	Wind turbine	
8850	ESKILSÄTER	585811.8N 0131236.9E (*)	328	528	F R	Wind turbine	
8871	FALKÖPING	580620.6N 0132640.2E (*)	328	968	F R	Wind turbine	
8973	YLLESTAD	580318.5N 0134346.6E (*)	328	1109	F R	Wind turbine	

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	9075	VEDUM	581232.2N 0130319.9E (*)	328	646	F R	Wind turbine
	9089	SANDHEM	580106.7N 0134920.6E (*)	459	1378	FLG R	Wind turbine
	9209	HASSLÖSA	582542.1N 0131510.6E (*)	328	597	F R	Wind turbine
	9210	GUDHEM	581318.5N 0133327.4E (*)	328	1076	F R	Wind turbine
	9216	GÖTENE	583307.0N 0133108.4E (*)	456	702	F R	Wind turbine
	9227	HJÄLSTAD	583645.3N 0135623.3E (*)	328	614	F R	Wind turbine
	9245	NAGLARP	580517.2N 0132913.7E (*)	328	978	F R	Wind turbine
	9344	SKÖVDE	582247.2N 0135120.5E (*)	328	787	F R	Chimney
	9361	KÄLVENE	580508.6N 0134218.7E (*)	492	1247	FLG R	Wind turbine
	9404	LOVENE	582559.3N 0130139.5E (*)	328	531	FLG R	Wind turbine
	9405	LOVENE	582600.9N 0130123.2E (*)	328	551	FLG R	Wind turbine
	9406	LOVENE	582551.5N 0130215.5E (*)	328	531	FLG R	Wind turbine
	9450	GÖTENE	583020.9N 0132919.5E (*)	456	728	FLG R	Wind turbine
	9544	KVÄNUM	581723.0N 0131402.4E (*)	492	810	FLG R	Wind turbine
	9584	LUNDSBRUNN	582703.7N 0132714.0E (*)	456	850	F R	Wind turbine
	9585	LUNDSBRUNN	582710.2N 0132743.3E (*)	456	850	F R	Wind turbine
	9586	LUNDSBRUNN	582711.7N 0132833.3E (*)	456	850	F R	Wind turbine
	9587	LUNDSBRUNN	582700.6N 0132840.8E (*)	456	883	F R	Wind turbine
	9589	LUNDSBRUNN	582658.7N 0132905.9E (*)	456	866	F R	Wind turbine
	9592	LUNDSBRUNN	582808.2N 0132933.4E (*)	413	856	F R	Wind turbine
	9621	ERIKSTORP	582715.9N 0133200.6E (*)	486	873	FLG R	Wind turbine
	9661	LUNDSBRUNN	582758.5N 0132759.2E (*)	328	771	F R	Wind turbine
	9662	SKARSTAD	581652.5N 0130153.7E (*)	456	712	F R	Wind turbine
	9669	SIMMATORP	582147.0N 0132142.6E (*)	492	853	FLG R	Wind turbine
	9732	JUNG	581957.3N 0131019.5E (*)	492	735	FLG R	Wind turbine
	9733	JUNG	581957.1N 0131050.3E (*)	492	741	FLG R	Wind turbine
	9737	LUNDSBRUNN	582846.6N 0132944.4E (*)	492	879	FLG R	Wind turbine
	9738	LUNDSBRUNN	582907.9N 0132841.4E (*)	492	869	FLG R	Wind turbine
	9739	LUNDSBRUNN	582912.4N 0132817.4E (*)	492	869	FLG R	Wind turbine
	9740	SIMMATORP	582157.3N 0132206.4E (*)	492	853	FLG R	Wind turbine
	9741	SIMMATORP	582158.2N 0132230.4E (*)	492	863	FLG R	Wind turbine
	9772	JÄRPÅS	582150.0N 0130100.7E (*)	459	689	FLG R	Wind turbine
	9773	JÄRPÅS	582140.7N 0130117.7E (*)	459	689	FLG R	Wind turbine
	9796	SKÅNINGS-ÅSAKA	582544.8N 0132916.2E (*)	456	840	FLG R	Wind turbine
	9797	SKÅNINGS-ÅSAKA	582554.6N 0132938.5E (*)	456	850	FLG R	Wind turbine
	9798	SKÅNINGS-ÅSAKA	582554.3N 0133006.3E (*)	456	850	FLG R	Wind turbine
	9821	KÄLLEBERG	580823.5N 0134217.2E (*)	492	1263	FLG R	Wind turbine
	9822	KÄLLEBERG	580840.7N 0134222.4E (*)	492	1266	FLG R	Wind turbine
	9823	KÄLLEBERG	580857.8N 0134227.6E (*)	492	1273	FLG R	Wind turbine
	9824	KÄLLEBERG	580822.1N 0134146.1E (*)	492	1243	FLG R	Wind turbine
	9825	KÄLLEBERG	580840.3N 0134151.4E (*)	492	1224	FLG R	Wind turbine
	9832	VARTOFTA	580524.5N 0134219.9E (*)	492	1240	FLG R	Wind turbine
	9833	VARTOFTA	580511.6N 0134142.8E (*)	492	1237	FLG R	Wind turbine
	10084	LUNDSBRUNN	582839.4N 0132450.9E (*)	492	781	FLG R	Wind turbine
	10098	TRÅVAD	581441.5N 0130332.8E (*)	492	774	FLG R	Wind turbine
	10099	TRÅVAD	581354.4N 0130347.9E (*)	492	781	FLG R	Wind turbine
	10100	TRÅVAD	581337.3N 0130458.2E (*)	492	781	FLG R	Wind turbine
	10131	LARV	581236.3N 0130655.5E (*)	456	794	FLG R	Wind turbine
	10132	LARV	581252.7N 0130642.8E (*)	456	774	FLG R	Wind turbine
	10133	LARV	581257.6N 0130707.8E (*)	456	784	FLG R	Wind turbine
	10139	ERIKSTORP	582729.4N 0133234.5E (*)	489	892	FLG R	Wind turbine
	10258	SKARA	582323.9N 0132302.6E (*)	489	843	FLG R	Wind turbine
	10259	SKARA	582336.4N 0132300.7E (*)	489	846	FLG R	Wind turbine
	10279	RANGELTORP	581325.4N 0130019.2E (*)	489	791	FLG R	Wind turbine
	10519	SUNDSMARKEN	584714.4N 0135609.2E (*)	476	656	FLG R	Wind turbine
	10520	SUNDSMARKEN	584642.2N 0135627.4E (*)	476	702	FLG R	Wind turbine
	10521	SUNDSMARKEN	584657.9N 0135601.9E (*)	476	682	FLG R	Wind turbine
	10522	HÄRJEVAD	582051.4N 0130319.3E (*)	459	696	FLG R	Wind turbine
	10523	HÄRJEVAD	582058.5N 0130258.7E (*)	459	699	FLG R	Wind turbine
	10623	RANGELTORP	581254.5N 0130059.4E (*)	492	791	FLG R	Wind turbine
	10624	SALEBY	582208.5N 0131109.1E (*)	390	643	FLG R	Wind turbine
	10625	SALEBY	582215.0N 0131126.7E (*)	390	623	FLG R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	10626	SALEBY	582209.2N 0131145.3E (*)	390	627	FLG R	Wind turbine
	10627	SALEBY	582202.4N 0131128.3E (*)	390	627	FLG R	Wind turbine
	10664	VINKÖL	582026.1N 0131605.6E (*)	492	794	FLG R	Wind turbine
	10665	VINKÖL	582026.2N 0131633.4E (*)	492	801	FLG R	Wind turbine
	10666	VINKÖL	582026.4N 0131701.2E (*)	492	804	FLG R	Wind turbine
	10667	VINKÖL	582107.0N 0131353.2E (*)	492	768	FLG R	Wind turbine
	10668	VINKÖL	582057.5N 0131416.3E (*)	492	768	FLG R	Wind turbine
	10669	VINKÖL	582112.5N 0131422.3E (*)	492	768	FLG R	Wind turbine
	10677	SKALLMEJA	582346.8N 0131212.6E (*)	459	702	FLG R	Wind turbine
	10691	ARNÅS	583852.7N 0133640.0E (*)	328	574	F R	Mast
	10773	KVÄNUM	581624.3N 0130802.9E (*)	459	735	FLG R	Wind turbine
	10774	KVÄNUM	581642.4N 0130802.6E (*)	459	728	FLG R	Wind turbine
	10775	KVÄNUM	581649.5N 0130849.8E (*)	459	719	FLG R	Wind turbine
	10776	KVÄNUM	581637.2N 0130822.9E (*)	459	728	FLG R	Wind turbine
	10886	SKARSTAD	581821.8N 0130240.4E (*)	459	705	FLG R	Wind turbine
	11156	TOVARP	580614.4N 0132756.2E (*)	492	1129	-	Wind turbine
	11157	TOVARP	580559.1N 0132743.9E (*)	492	1148	-	Wind turbine
	11158	TOVARP	580546.6N 0132727.6E (*)	492	1129	-	Wind turbine
	11159	SKÄNUM	580538.6N 0132717.3E (*)	328	968	-	Wind turbine
	11160	SKÄNUM	580508.3N 0132639.7E (*)	328	965	-	Wind turbine
	11378	TORKELSTORP	582140.6N 0131315.5E (*)	456	735	FLG R	Wind turbine
	11379	TORKELSTORP	582136.5N 0131250.4E (*)	456	732	FLG R	Wind turbine
	11441	JUNG	581855.6N 0130747.6E (*)	459	712	FLG R	Wind turbine
	11620	FLOBY	580754.7N 0131747.3E (*)	489	1047	FLG R	Wind turbine
	11694	JUNG	581910.2N 0130408.9E (*)	492	728	FLG R	Wind turbine
	11695	JUNG	581914.5N 0130432.8E (*)	492	735	FLG R	Wind turbine
	11696	JUNG	581917.6N 0130349.5E (*)	492	728	FLG R	Wind turbine
	11697	JUNG	581921.9N 0130412.5E (*)	492	728	FLG R	Wind turbine
	11698	JUNG	581901.8N 0130429.2E (*)	492	735	FLG R	Wind turbine
	11699	JUNG	581907.7N 0130451.6E (*)	492	735	FLG R	Wind turbine
	11721	ARDALA	582149.4N 0131523.1E (*)	492	787	FLG R	Wind turbine
	11722	ARDALA	582146.2N 0131553.3E (*)	492	787	FLG R	Wind turbine
	11723	ARDALA	582152.2N 0131453.0E (*)	492	774	FLG R	Wind turbine
	12266	HJÄLSTAD	583618.1N 0135949.8E (*)	328	554	F R	Wind turbine
	13327	ANNEBERG	580842.8N 0134745.3E (*)	568	1368	FLG W	Wind turbine
	13328	ANNEBERG	580828.3N 0134735.4E (*)	568	1365	FLG W	Wind turbine
	13329	ANNEBERG	580813.9N 0134725.6E (*)	568	1368	FLG W	Wind turbine
	14507	SKÖVDE	582308.4N 0135111.7E (*)	328	787	F R	Chimney
	15663	FALKÖPING	580701.2N 0132313.0E	656	1294	FLG W	Wind turbine
	15664	FALKÖPING	580643.4N 0132310.1E	656	1297	FLG W	Wind turbine
	15665	FALKÖPING	580623.0N 0132311.6E	656	1292	FLG W	Wind turbine
	15681	ARDALA	582017.1N 0132105.5E	492	843	FLG R	Wind turbine
58N 14E	5156	BJÄLBO	582227.5N 0145907.7E (*)	331	715	F R	Wind turbine
	5897	SKEBY	581851.7N 0145318.5E (*)	331	725	F R	Wind turbine
	5898	SKEBY	581900.7N 0145312.4E (*)	331	725	F R	Wind turbine
	5899	SKEBY	581909.7N 0145306.2E (*)	331	696	F R	Wind turbine
	7054	HOGSTAD	582003.9N 0145710.7E (*)	328	719	F R	Wind turbine
	7560	HAMMAR	584901.8N 0145536.4E (*)	328	663	F R	Wind turbine
	7592	VÄRSÅS	582153.0N 0140315.8E (*)	331	764	F R	Wind turbine
	7596	TIDAHOLM	581053.9N 0140540.4E (*)	328	961	F R	Wind turbine
	7606	DJURSÅTRA	582025.0N 0140412.0E (*)	331	738	F R	Wind turbine
	7670	VÄRSÅS	582216.3N 0140725.9E (*)	331	725	F R	Wind turbine
	8436	KUNGSRYD	582347.0N 0140435.9E (*)	335	768	F R	Wind turbine
	8465	KORSBERGA	581927.5N 0140843.6E (*)	331	768	F R	Wind turbine
	8489	HJO	582119.2N 0141627.9E (*)	331	1007	F R	Wind turbine
	8535	BLIKSTORP	581809.7N 0140317.7E (*)	328	732	F R	Wind turbine
	8536	KORSBERGA	581906.3N 0140629.9E (*)	328	738	F R	Wind turbine
	8795	HÖKENSÅS	581247.6N 0140827.0E (*)	331	1030	F R	Wind turbine
	8868	BLIKSTORP	581758.9N 0140314.4E (*)	328	748	F R	Wind turbine
	8869	BLIKSTORP	581805.9N 0140255.2E (*)	328	748	F R	Wind turbine
	9051	MILLINGSTORP	581723.8N 0144610.8E (*)	328	696	F R	Wind turbine
	9052	RÖK	581803.6N 0144758.3E (*)	328	696	F R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	9132	BJÄLBO	582242.8N 0145900.1E (*)	328	696	F R	Wind turbine
	9133	BJÄLBO	582235.4N 0145903.6E (*)	328	692	F R	Wind turbine
	9232	VÄDERSTAD	581957.9N 0145441.7E (*)	328	656	F R	Wind turbine
	9304	HOGSTAD	581955.7N 0145712.5E (*)	328	719	FLG R	Wind turbine
	9305	HOGSTAD	581947.4N 0145714.3E (*)	328	702	FLG R	Wind turbine
	9313	SÄTRA	584135.3N 0142015.4E (*)	328	840	F R	Mast
	9320	SKEBY	581918.8N 0145259.9E (*)	328	689	FLG R	Wind turbine
	9365	APPUNA	582120.5N 0145747.0E (*)	387	745	FLG R	Wind turbine
	9507	N HULAN	581643.5N 0141334.3E (*)	459	1204	FLG R	Wind turbine
	9508	N HULAN	581648.7N 0141315.0E (*)	459	1184	FLG R	Wind turbine
	9563	KROKEK	580821.2N 0143517.4E (*)	328	991	FLG R	Wind turbine
	9656	KORSBERGA	581814.8N 0141004.0E (*)	492	1148	F R	Wind turbine
	9694	VADSTENA	582910.5N 0145743.6E (*)	459	774	FLG R	Wind turbine
	9695	VADSTENA	582856.0N 0145743.9E (*)	459	778	FLG R	Wind turbine
	9714	TIDAHOLM	581008.5N 0140901.7E (*)	492	1135	FLG R	Wind turbine
	10026	BRAHEHUS	580338.5N 0143139.2E (*)	492	1414	FLG R	Wind turbine
	10027	BRAHEHUS	580326.6N 0143103.0E (*)	492	1404	FLG R	Wind turbine
	10028	BRAHEHUS	580315.9N 0143132.6E (*)	492	1440	FLG R	Wind turbine
	10029	BRAHEHUS	580300.9N 0143143.3E (*)	492	1427	FLG R	Wind turbine
	10030	BRAHEHUS	580231.7N 0143118.9E (*)	492	1447	FLG R	Wind turbine
	10031	BRAHEHUS	580249.1N 0143105.0E (*)	492	1421	FLG R	Wind turbine
	10032	BRAHEHUS	580240.8N 0143017.7E (*)	492	1457	FLG R	Wind turbine
	10033	BRAHEHUS	580224.6N 0143008.1E (*)	492	1467	FLG R	Wind turbine
	10034	BRAHEHUS	580211.3N 0143033.3E (*)	492	1453	FLG R	Wind turbine
	10076	FORSVIK	583506.3N 0142046.5E (*)	492	1171	FLG R	Wind turbine
	10077	FORSVIK	583512.2N 0142116.0E (*)	492	1152	FLG R	Wind turbine
	10137	HÄSTHOLMEN	581556.3N 0143732.2E (*)	328	676	FLG R	Wind turbine
	10138	HÄSTHOLMEN	581555.4N 0143753.3E (*)	328	686	FLG R	Wind turbine
	10142	TUGGARP	580430.3N 0143424.2E (*)	492	1362	FLG R	Wind turbine
	10143	TUGGARP	580420.5N 0143407.6E (*)	492	1368	FLG R	Wind turbine
	10144	TUGGARP	580413.3N 0143344.1E (*)	492	1368	FLG R	Wind turbine
	10145	TUGGARP	580409.3N 0143318.8E (*)	492	1368	FLG R	Wind turbine
	10237	OTTERBÄCKEN	585552.9N 0140308.0E (*)	492	778	FLG R	Wind turbine
	10238	OTTERBÄCKEN	585537.8N 0140254.3E (*)	492	761	FLG R	Wind turbine
	10239	OTTERBÄCKEN	585525.1N 0140240.3E (*)	492	758	FLG R	Wind turbine
	10247	KROKEK	580922.9N 0143522.6E (*)	492	1037	FLG R	Wind turbine
	10248	KROKEK	580838.4N 0143516.7E (*)	492	1083	FLG R	Wind turbine
	10322	STENBODA	585353.9N 0144518.3E (*)	328	906	F R	Mast
	10337	GRIPENBERG	580005.5N 0144930.2E (*)	492	1270	FLG R	Wind turbine
	10372	HOVA	585210.5N 0140903.6E (*)	394	755	F R	Mast
	10413	SJÖTORP	585143.4N 0140336.9E (*)	489	801	FLG R	Wind turbine
	10414	SJÖTORP	585128.8N 0140336.2E (*)	489	801	FLG R	Wind turbine
	10419	APPUNA	582135.5N 0145736.7E (*)	492	843	FLG R	Wind turbine
	10420	APPUNA	582151.0N 0145726.0E (*)	492	846	FLG R	Wind turbine
	10901	BORGHAMN	582338.3N 0144331.4E (*)	459	778	FLG R	Wind turbine
	11064	GÅRDSJÖ	585332.1N 0142204.7E (*)	459	1040	FLG R	Wind turbine
	11065	GÅRDSJÖ	585319.8N 0142212.4E (*)	459	1037	FLG R	Wind turbine
	11243	MOHOLM	583620.4N 0140637.0E (*)	328	636	F R	Mast
	11470	BORGHAMN	582402.7N 0144320.8E (*)	459	758	FLG R	Wind turbine
	11477	VÄDERSTAD	581747.4N 0145144.5E (*)	476	906	FLG R	Wind turbine
	11478	VÄDERSTAD	581733.0N 0145140.0E (*)	476	928	FLG R	Wind turbine
	11705	SVINNERSTA	585605.1N 0144913.1E (*)	328	919	F R	Mast
	11819	VÄSTANSJÖ	585211.0N 0142839.2E (*)	476	1145	FLG R	Wind turbine
	11820	VÄSTANSJÖ	585151.3N 0142839.9E (*)	476	1070	FLG R	Wind turbine
	11821	VÄSTANSJÖ	585138.1N 0142901.8E (*)	476	1168	FLG R	Wind turbine
	11822	VÄSTANSJÖ	585036.7N 0142946.2E (*)	476	1106	FLG R	Wind turbine
	11823	VÄSTANSJÖ	585048.3N 0142916.4E (*)	476	1135	FLG R	Wind turbine
	11824	VÄSTANSJÖ	585104.8N 0142908.1E (*)	476	1155	FLG R	Wind turbine
	11825	VÄSTANSJÖ	585123.7N 0142900.5E (*)	476	1155	FLG R	Wind turbine
	12120	HJO	581004.3N 0140820.7E (*)	492	1155	FLG R	Wind turbine
	12121	HJO	581012.1N 0140839.8E (*)	492	1115	FLG R	Wind turbine
	12126	HJO	581126.6N 0140850.2E (*)	492	1204	FLG R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	12127	HJO	580952.8N 0140755.8E (*)	476	1158	FLG R	Wind turbine
	12128	HJO	580940.9N 0140817.4E (*)	476	1243	FLG R	Wind turbine
	12129	HJO	580926.3N 0140816.8E (*)	476	1220	FLG R	Wind turbine
	12131	HJO	580834.0N 0141033.2E (*)	476	1273	FLG R	Wind turbine
	12132	HJO	580838.4N 0141100.1E (*)	476	1273	FLG R	Wind turbine
	12133	HJO	580815.4N 0141013.7E (*)	476	1260	FLG R	Wind turbine
	12134	HJO	580820.2N 0141041.4E (*)	476	1250	FLG R	Wind turbine
	12135	HJO	580823.2N 0141106.4E (*)	476	1234	FLG R	Wind turbine
	12919	LYRESTAD	584726.6N 0140124.8E (*)	656	1014	FLG W	Wind turbine
	12920	LYRESTAD	584722.1N 0140154.4E (*)	656	984	F R	Wind turbine
	12921	LYRESTAD	584710.5N 0140121.2E (*)	656	1017	F R	Wind turbine
	12922	LYRESTAD	584703.5N 0140206.2E (*)	656	1017	FLG W	Wind turbine
	12923	LYRESTAD	584656.4N 0140054.4E (*)	656	1014	FLG W	Wind turbine
	12924	LYRESTAD	584653.6N 0140140.0E (*)	656	1050	F R	Wind turbine
	12925	LYRESTAD	584649.8N 0140226.0E (*)	656	1007	F R	Wind turbine
	12926	LYRESTAD	584640.5N 0140157.6E (*)	656	1001	F R	Wind turbine
	12927	LYRESTAD	584635.3N 0140239.7E (*)	656	984	FLG W	Wind turbine
	12928	LYRESTAD	584626.1N 0140213.3E (*)	656	984	F R	Wind turbine
	12929	LYRESTAD	584624.6N 0140106.0E (*)	656	1050	F R	Wind turbine
	12930	LYRESTAD	584612.1N 0140126.1E (*)	656	1043	F R	Wind turbine
	12931	LYRESTAD	584608.5N 0140156.9E (*)	656	1001	F R	Wind turbine
	12932	LYRESTAD	584557.7N 0140110.4E (*)	656	1024	F R	Wind turbine
	12933	LYRESTAD	584553.0N 0140155.7E (*)	656	1017	F R	Wind turbine
	12934	LYRESTAD	584545.6N 0140224.3E (*)	656	1017	FLG W	Wind turbine
	12935	LYRESTAD	584550.4N 0140039.1E (*)	656	1017	FLG W	Wind turbine
	12936	LYRESTAD	584541.6N 0140106.4E (*)	656	1017	F R	Wind turbine
	12937	LYRESTAD	584534.6N 0140139.7E (*)	656	1017	FLG W	Wind turbine
	12938	LYRESTAD	584533.4N 0140031.2E (*)	656	1004	F R	Wind turbine
	12939	LYRESTAD	584525.3N 0140058.9E (*)	656	1017	F R	Wind turbine
	12940	LYRESTAD	584518.0N 0140020.4E (*)	656	1017	FLG W	Wind turbine
	12952	VILSEBERGA	582414.9N 0144550.3E (*)	476	804	FLG R	Wind turbine
	12953	VILSEBERGA	582406.9N 0144557.9E (*)	476	804	FLG R	Wind turbine
	13284	LAXÅ	585635.2N 0144025.7E (*)	656	1148	FLG W	Wind turbine
	13285	LAXÅ	585647.6N 0144147.5E (*)	656	1214	FLG W	Wind turbine
	13286	LAXÅ	585652.4N 0144109.7E (*)	656	1184	FLG W	Wind turbine
	13287	LAXÅ	585636.7N 0144108.5E (*)	656	1237	F R	Wind turbine
	13288	LAXÅ	585618.0N 0144156.8E (*)	656	1184	FLG W	Wind turbine
	13289	LAXÅ	585619.8N 0144033.8E (*)	656	1148	F R	Wind turbine
	13290	LAXÅ	585602.8N 0144053.2E (*)	656	1178	FLG W	Wind turbine
	13586	TIDAHOLM	580612.8N 0140224.5E	591	1686	FLG W	Wind turbine
	13587	TIDAHOLM	580555.2N 0140232.0E	591	1627	F R	Wind turbine
	13588	TIDAHOLM	580533.7N 0140221.6E	591	1608	FLG W	Wind turbine
	14426	SLOTTSBOL	585053.7N 0142411.3E (*)	489	1198	FLG R	Wind turbine
	14427	SLOTTSBOL	585110.5N 0142415.9E (*)	489	1201	FLG R	Wind turbine
	14428	SLOTTSBOL	585125.2N 0142415.8E (*)	489	1188	FLG R	Wind turbine
	14429	SLOTTSBOL	585144.5N 0142420.9E (*)	489	1184	FLG R	Wind turbine
	14430	SLOTTSBOL	585117.5N 0142443.4E (*)	489	1217	FLG R	Wind turbine
	14431	SLOTTSBOL	585102.4N 0142439.7E (*)	489	1178	FLG R	Wind turbine
	14493	SVINNERSTA	585619.7N 0144912.7E	630	1191	FLG W	Wind turbine
	14494	SVINNERSTA	585601.3N 0144922.3E	630	1230	FLG W	Wind turbine
	14495	SVINNERSTA	585602.9N 0145019.9E	630	1138	FLG W	Wind turbine
	14496	SVINNERSTA	585530.6N 0144842.8E	630	1178	FLG W	Wind turbine
	14510	HÖKENSÅS	581415.7N 0140907.8E	459	1198	F R	Mast
	14962	VADSTENA	582323.8N 0144352.6E	492	814	FLG R	Wind turbine
58N 15E	215	MOTALA/BONDEBACKA	583246.3N 0150232.7E	410	822	-	Mast
	217	NYKIL	581244.3N 0152549.6E	344	881	F R	Mast
	219	LINKÖPING/DOMKYRKA	582440.1N 0153700.4E	344	539	-	Church
	220	MOTALA/ERVASTEBY	583518.2N 0150545.0E	1089	1600	F R/FLG W	Mast
	866	KIMSTAD	583212.1N 0155727.2E	328	562	F R	Mast
	871	BÄCKALUND	583602.3N 0150650.3E	328	935	F R	Mast
	1155	TJÄLLMO	584541.3N 0152229.6E	338	797	F R	Mast
	1294	ÖRTOMTA	582439.5N 0155556.6E	338	542	F R	Mast

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	3593	HÄCKERSTAD	581920.5N 0153522.7E	492	896	F R/FLG W	Mast
	3806	STJÄRNORP	583356.5N 0153144.0E (*)	476	928	F R	Mast
	4522	MOTALA/BONDEBACKA	583240.1N 0150241.2E	410	829	-	Mast
	5900	ROCKLUNDA	583020.9N 0150948.0E (*)	331	659	F R	Wind turbine
	7078	STORA SKONSBERGA VERK 3	582525.7N 0151656.0E (*)	331	572	F R	Wind turbine
	7079	STORA SKONSBERGA	582533.3N 0151705.3E (*)	331	572	F R	Wind turbine
	7080	STORA SKONSBERGA VERK 1	582539.9N 0151713.3E (*)	331	572	F R	Wind turbine
	7816	VIBY	582254.1N 0151731.3E (*)	328	574	F R	Wind turbine
	8220	NARVERED	582529.5N 0151133.1E (*)	328	587	F R	Wind turbine
	8399	SKÄNNINGE	582521.3N 0150559.9E (*)	328	636	FLG R	Wind turbine
	8419	HULTA	584233.8N 0150054.9E (*)	335	1106	FLG R	Wind turbine
	8678	FORNÅSA	582752.2N 0151511.1E (*)	328	594	F R	Wind turbine
	8679	FORNÅSA	582801.9N 0151511.5E (*)	328	591	F R	Wind turbine
	8680	FORNÅSA	582811.0N 0151511.9E (*)	328	600	F R	Wind turbine
	8735	SKÄNNINGE	582402.3N 0150842.5E (*)	328	604	F R	Wind turbine
	8918	NORMLÖSA	582432.9N 0151457.8E (*)	328	574	F R	Wind turbine
	8979	SKÄNNINGE	582235.5N 0150201.3E (*)	328	650	F R	Wind turbine
	8981	VINNERSTAD	583045.9N 0150715.8E (*)	328	623	F R	Wind turbine
	9006	ÖSTERSTAD	583109.7N 0151402.1E (*)	459	735	FLG R	Wind turbine
	9007	ÖSTERSTAD	583102.0N 0151422.0E (*)	459	745	FLG R	Wind turbine
	9053	LÄNGERYD	582731.8N 0150033.6E (*)	328	705	F R	Wind turbine
	9248	ORLUNDA	582456.6N 0150001.4E (*)	328	689	F R	Wind turbine
	9249	ORLUNDA	582448.2N 0150006.3E (*)	328	686	F R	Wind turbine
	9250	ORLUNDA	582439.8N 0150011.4E (*)	328	686	F R	Wind turbine
	9558	KLOCKRIKE	582854.5N 0152134.1E (*)	328	558	FLG R	Wind turbine
	9564	SKÄNNINGE	582412.8N 0150803.8E (*)	328	607	FLG R	Wind turbine
	9670	MARIEDAMM	585201.8N 0151147.6E (*)	492	968	FLG R	Wind turbine
	9671	MARIEDAMM	585151.8N 0151205.4E (*)	492	968	FLG R	Wind turbine
	9681	KLOCKRIKE	583058.6N 0151936.0E (*)	459	758	FLG R	Wind turbine
	9750	FÄGELSTA	582834.5N 0150314.9E (*)	492	853	FLG R	Wind turbine
	9751	FÄGELSTA	582817.8N 0150309.8E (*)	492	853	FLG R	Wind turbine
	9930	SKÄNNINGE	582427.5N 0151057.1E (*)	492	745	FLG R	Wind turbine
	9931	SKÄNNINGE	582417.5N 0151113.8E (*)	492	748	FLG R	Wind turbine
	9932	SKÄNNINGE	582407.5N 0151130.4E (*)	492	741	FLG R	Wind turbine
	9965	SKÄNNINGE	582523.7N 0150536.2E (*)	328	646	FLG R	Wind turbine
	10148	BJÖRKA	583634.7N 0150608.7E (*)	492	1102	FLG R	Wind turbine
	10149	BJÖRKA	583636.7N 0150642.8E (*)	492	1112	FLG R	Wind turbine
	10178	SPÅNGSHOLM	582316.4N 0151259.6E (*)	492	768	FLG R	Wind turbine
	10179	SPÅNGSHOLM	582300.4N 0151255.9E (*)	492	768	FLG R	Wind turbine
	10180	SPÅNGSHOLM	582244.4N 0151252.1E (*)	492	768	FLG R	Wind turbine
	10280	HOGSTAD	582029.4N 0150204.4E (*)	459	804	FLG R	Wind turbine
	10281	HOGSTAD	582046.1N 0150213.0E (*)	459	787	FLG R	Wind turbine
	10290	SÄNNA	584504.2N 0150139.5E (*)	492	1204	FLG R	Wind turbine
	10291	SÄNNA	584515.6N 0150149.4E (*)	492	1188	FLG R	Wind turbine
	10292	SÄNNA	584528.6N 0150154.6E (*)	492	1191	FLG R	Wind turbine
	10293	SÄNNA	584526.1N 0150127.8E (*)	492	1198	FLG R	Wind turbine
	10294	SÄNNA	584514.2N 0150122.0E (*)	492	1184	FLG R	Wind turbine
	10295	SÄNNA	584502.4N 0150111.0E (*)	492	1207	FLG R	Wind turbine
	10312	SKÄNNINGE	582404.1N 0150807.7E (*)	328	604	FLG R	Wind turbine
	10313	VINNERSTAD	583036.3N 0150717.9E (*)	328	630	FLG R	Wind turbine
	10376	ÅSBO	581535.9N 0150707.4E (*)	492	1063	FLG R	Wind turbine
	10377	ÅSBO	581539.5N 0150800.1E (*)	492	1030	FLG R	Wind turbine
	10378	ÅSBO	581557.4N 0150836.4E (*)	492	994	FLG R	Wind turbine
	10379	ÅSBO	581625.9N 0150916.1E (*)	492	1043	FLG R	Wind turbine
	10380	ÅSBO	581622.7N 0150945.8E (*)	492	1017	FLG R	Wind turbine
	10381	ÅSBO	581630.3N 0150852.7E (*)	492	1027	FLG R	Wind turbine
	10382	ÅSBO	581615.6N 0150858.8E (*)	492	1020	FLG R	Wind turbine
	10383	ÅSBO	581612.1N 0150924.3E (*)	492	1033	FLG R	Wind turbine
	10384	ÅSBO	581601.7N 0150903.6E (*)	492	1027	FLG R	Wind turbine
	10385	ÅSBO	581548.7N 0150718.1E (*)	492	1040	FLG R	Wind turbine
	10386	ÅSBO	581552.4N 0150802.7E (*)	492	974	FLG R	Wind turbine
	10409	TJÄLLMO	584610.9N 0152104.0E (*)	394	948	F R	Mast

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	10645	BJÄLBO	582218.6N 0150153.9E (*)	328	653	FLG R	Wind turbine
	10646	BJÄLBO	582227.4N 0150205.5E (*)	328	653	FLG R	Wind turbine
	10647	BJÄLBO	582226.6N 0150149.6E (*)	328	653	FLG R	Wind turbine
	10757	SKEPPSÅS	582646.3N 0151305.3E (*)	410	702	FLG R	Wind turbine
	10758	SKEPPSÅS	582633.3N 0151239.7E (*)	410	689	FLG R	Wind turbine
	10763	VÄSTERLÖSA	582617.3N 0152013.1E (*)	492	728	FLG R	Wind turbine
	10764	VÄSTERLÖSA	582549.4N 0152039.7E (*)	492	722	FLG R	Wind turbine
	10765	VÄSTERLÖSA	582603.5N 0152026.4E (*)	492	722	FLG R	Wind turbine
	11301	SÄNNA	584811.2N 0150017.3E (*)	328	879	F R	Mast
	11533	GULLMOSSEN	582859.7N 0151045.5E (*)	490	832	FLG R	Wind turbine
	11534	GULLMOSSEN	582915.6N 0151016.8E (*)	490	835	FLG R	Wind turbine
	11535	GULLMOSSEN	582914.5N 0151025.5E (*)	490	832	FLG R	Wind turbine
	12270	LINKÖPING	582602.6N 0153929.5E (*)	341	469	F R	Chimney
	12949	HAMMAR	584845.4N 0150037.7E (*)	476	994	FLG R	Wind turbine
	12950	HAMMAR	584825.7N 0150040.5E (*)	476	1047	FLG R	Wind turbine
	12951	HAMMAR	584808.6N 0150019.1E (*)	476	1001	FLG R	Wind turbine
	13340	ZINKGRUVAN	584719.4N 0150759.3E (*)	591	1230	FLG W	Wind turbine
	13341	ZINKGRUVAN	584705.2N 0150812.2E (*)	591	1201	F R	Wind turbine
	13342	ZINKGRUVAN	584656.9N 0150820.2E (*)	591	1181	FLG W	Wind turbine
	13343	ZINKGRUVAN	584658.2N 0150508.8E (*)	591	1280	FLG W	Wind turbine
	13344	ZINKGRUVAN	584641.7N 0150509.2E (*)	591	1280	F R	Wind turbine
	13345	ZINKGRUVAN	584611.1N 0150529.2E (*)	591	1306	F R	Wind turbine
	13346	ZINKGRUVAN	584622.3N 0150545.5E (*)	591	1283	F R	Wind turbine
	13347	ZINKGRUVAN	584600.8N 0150609.5E (*)	591	1286	FLG W	Wind turbine
	13348	ZINKGRUVAN	584620.9N 0150617.6E (*)	591	1280	F R	Wind turbine
	13349	ZINKGRUVAN	584649.4N 0150445.8E (*)	591	1263	F R	Wind turbine
	13350	ZINKGRUVAN	584628.1N 0150513.9E (*)	591	1280	F R	Wind turbine
	13351	ZINKGRUVAN	584615.2N 0150505.1E (*)	591	1299	FLG W	Wind turbine
	13352	ZINKGRUVAN	584612.0N 0150554.2E (*)	591	1309	F R	Wind turbine
	13353	ZINKGRUVAN	584635.2N 0150445.9E (*)	591	1247	FLG W	Wind turbine
	13937	SÄNNA	584528.6N 0150233.9E (*)	591	1211	F R	Wind turbine
	13938	SÄNNA	584544.3N 0150218.0E (*)	591	1335	F R	Wind turbine
	13939	SÄNNA	584558.5N 0150216.9E (*)	591	1263	FLG W	Wind turbine
	13940	SÄNNA	584549.7N 0150138.5E (*)	591	1250	FLG W	Wind turbine
	14015	SÄNNA	584511.9N 0150241.8E (*)	591	1171	FLG W	Wind turbine
	15564	TJÄLLMO	584742.8N 0152123.6E	607	1053	FLG W	Wind turbine
	15565	TJÄLLMO	584729.0N 0152114.8E	607	1073	F R	Wind turbine
	15566	TJÄLLMO	584713.5N 0152049.0E	607	1093	FLG W	Wind turbine
	15567	TJÄLLMO	584713.4N 0152123.8E	607	1073	FLG W	Wind turbine
	15568	TJÄLLMO	584647.3N 0152124.7E	607	1070	FLG W	Wind turbine
	15569	TJÄLLMO	584616.7N 0152109.5E	607	1194	FLG W	Wind turbine
	15570	TJÄLLMO	584551.0N 0152009.6E	607	1109	FLG W	Wind turbine
	15571	TJÄLLMO	584547.5N 0152129.7E	607	1076	FLG W	Wind turbine
	15572	TJÄLLMO	584528.5N 0152122.1E	607	1086	F R	Wind turbine
	15573	TJÄLLMO	584509.7N 0152128.1E	607	1096	FLG W	Wind turbine
	15574	TJÄLLMO	584616.5N 0152019.7E	607	1165	FLG W	Wind turbine
58N 16E	227	ÄTVIDABERG	581218.1N 0160138.9E	354	744	F R	Mast
	228	MARVIKEN	583313.9N 0164956.1E	459	472	F R	Chimney
	229	HEDENLUNDA	585952.1N 0163448.3E	354	527	F R	Mast
	232	KROKEK/ORRBERGEN	584035.4N 0162803.9E	1063	1435	F R/FLG W	Mast
	234	FALERUM/LÖPGÖLSBERG	581113.1N 0161431.7E	358	834	F R	Mast
	1147	BETTNA	585446.8N 0163857.6E	338	477	F R	Mast
	1943	SKEDSHULT	580420.4N 0163033.5E	344	503	F R	Mast
	3009	NORSHOLM E	583103.7N 0160618.7E	531	778	F R/FLG W	Mast
	4494	MARVIKEN	583310.7N 0164957.6E	328	335	F R	Chimney
	4503	KROKEK/ORRBERGEN	584037.7N 0162748.5E	371	734	F R	Mast
	9288	VALDEMARSVIK	581251.0N 0163715.9E (*)	394	627	F R	Mast
	10702	SKEDSHULT	580417.1N 0163307.3E (*)	394	509	F R	Mast
	15577	NORRKÖPING	584133.4N 0161913.5E (*)	328	797	F R	Mast
58N 17E	241	STUDSVIK	584621.0N 0172256.5E	394	516	F R	Mast
	243	TORÖ	584914.3N 0175039.1E	351	462	F R	Mast
	3879	BOGSTA/TYSTBERGA	585053.4N 0171036.1E (*)	361	571	F R	Mast

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
59N 11E	14037	NYNÄSHAMN	585600.8N 0175843.4E (*)	408	420	F R	Crane
	14038	NYNÄSHAMN	585614.1N 0175850.8E (*)	408	420	F R	Crane
	246	TÖCKSFORS	593516.8N 0114912.8E	400	998	F R	Mast
59N 12E	248	SVINESUND	590513.7N 0111529.2E	328	602	F R	Mast
	249	SUNNE/BLÄBÄRSKULLEN	595011.4N 0125200.0E	860	2219	F R/FLG W	Mast
	251	ARVIKA/ÖRSHULTABERGET 2	593723.7N 0124016.4E	390	1158	F R	Mast
	258	KOPPOM	594239.0N 0120656.3E	354	1229	F R	Mast
	259	ÅRJÄNG	592413.7N 0120636.4E	381	1160	F R	Mast
	785	SILLERUD/MYSKHÖJDEN	592153.8N 0123924.6E	374	1060	F R	Mast
	958	SVANSKOG 2	590834.0N 0123429.0E (*)	338	1077	F R	Mast
	8621	FENGERSFORS	590006.1N 0123317.3E (*)	328	787	FLG R	Wind turbine
	9512	HOLMERUD	592538.1N 0120205.2E (*)	328	1132	F R	Mast
	10134	FENGERSFORS	590001.0N 0123304.4E (*)	492	938	FLG R	Wind turbine
	10135	FENGERSFORS	590015.4N 0123301.7E (*)	492	958	FLG R	Wind turbine
	11928	ÅRJÄNG	592523.6N 0120235.2E (*)	591	1394	FLG W	Wind turbine
	11929	ÅRJÄNG	592546.3N 0120127.8E (*)	591	1394	FLG W	Wind turbine
	11930	ÅRJÄNG	592549.1N 0120158.0E (*)	591	1427	FLG W	Wind turbine
	11931	ÅRJÄNG	592534.6N 0120147.6E (*)	591	1394	FLG W	Wind turbine
	11932	ÅRJÄNG	592536.1N 0120215.1E (*)	591	1404	FLG W	Wind turbine
	11933	ÅRJÄNG	592509.9N 0120220.7E (*)	591	1417	FLG W	Wind turbine
	11934	ÅRJÄNG	592515.7N 0120154.8E (*)	591	1444	FLG W	Wind turbine
	11935	ÅRJÄNG	592520.7N 0120122.0E (*)	591	1381	FLG W	Wind turbine
	11936	ÅRJÄNG	592532.1N 0120101.6E (*)	591	1342	FLG W	Wind turbine
	11967	ÅRJÄNG	592208.0N 0120334.4E (*)	591	1394	FLG W	Wind turbine
	11968	ÅRJÄNG	592200.1N 0120300.6E (*)	591	1407	FLG W	Wind turbine
	11970	ÅRJÄNG	592140.7N 0120231.3E (*)	591	1394	FLG W	Wind turbine
	11971	ÅRJÄNG	592140.3N 0120301.1E (*)	591	1411	FLG W	Wind turbine
	11972	ÅRJÄNG	592155.3N 0120221.6E (*)	591	1332	FLG W	Wind turbine
	11973	ÅRJÄNG	592125.5N 0120248.1E (*)	591	1394	FLG W	Wind turbine
	11974	ÅRJÄNG	592126.0N 0120320.5E (*)	591	1427	FLG W	Wind turbine
11975	ÅRJÄNG	592141.5N 0120332.0E (*)	591	1411	FLG W	Wind turbine	
11976	ÅRJÄNG	592152.8N 0120348.3E (*)	591	1401	FLG W	Wind turbine	
11977	ÅRJÄNG	592134.5N 0120402.4E (*)	591	1362	FLG W	Wind turbine	
11978	ÅRJÄNG	592110.3N 0120325.2E (*)	591	1362	FLG W	Wind turbine	
11979	ÅRJÄNG	592107.8N 0120254.8E (*)	591	1335	FLG W	Wind turbine	
11980	ÅRJÄNG	592054.0N 0120323.5E (*)	591	1362	FLG W	Wind turbine	
14002	SUNNE	594641.5N 0125738.2E (*)	656	1686	FLG W	Wind turbine	
14003	SUNNE	594639.7N 0125801.2E (*)	656	1680	F R	Wind turbine	
14004	SUNNE	594624.3N 0125719.9E (*)	656	1601	F R	Wind turbine	
14005	SUNNE	594609.7N 0125742.2E (*)	656	1572	FLG W	Wind turbine	
14010	SUNNE	594740.0N 0125928.5E (*)	656	1775	FLG W	Wind turbine	
14011	SUNNE	594713.8N 0125939.5E (*)	656	1801	F R	Wind turbine	
14968	SEGMON	591532.2N 0125406.4E	656	1155	FLG W	Wind turbine	
14969	SEGMON	591537.9N 0125345.7E	656	1138	F R	Wind turbine	
14970	SEGMON	591551.1N 0125419.2E	656	1135	F R	Wind turbine	
14971	SEGMON	591603.4N 0125419.9E	656	1119	FLG W	Wind turbine	
14972	SEGMON	591540.6N 0125302.7E	656	1106	F R	Wind turbine	
14973	SEGMON	591546.0N 0125242.9E	656	1109	F R	Wind turbine	
14974	SEGMON	591531.7N 0125214.8E	656	1129	FLG W	Wind turbine	
14975	SEGMON	591547.9N 0125117.8E	656	1106	FLG W	Wind turbine	
15216	ÅRJÄNG	592457.5N 0120154.2E	755	1552	FLG W	Wind turbine	
15217	ÅRJÄNG	592453.0N 0120335.6E	755	1535	F R	Wind turbine	
15218	ÅRJÄNG	592442.8N 0120342.8E	755	1493	FLG W	Wind turbine	
15219	ÅRJÄNG	592436.1N 0120216.7E	755	1526	F R	Wind turbine	
15220	ÅRJÄNG	592430.7N 0120259.4E	755	1555	F R	Wind turbine	
15221	ÅRJÄNG	592425.7N 0120337.8E	755	1532	F R	Wind turbine	
15222	ÅRJÄNG	592411.9N 0120251.5E	755	1493	FLG W	Wind turbine	
15223	ÅRJÄNG	592449.1N 0120307.8E	755	1578	F R	Wind turbine	
15516	SUNNE	594721.9N 0125639.0E	656	1677	FLG W	Wind turbine	
15517	SUNNE	594708.9N 0125702.4E	656	1624	FLG W	Wind turbine	
15518	SUNNE	594700.3N 0125738.8E	656	1608	FLG W	Wind turbine	
59N 13E	260	KARLSTAD/SÖRMON/1	592331.3N 0132259.7E	604	904	F R/FLG W	Mast

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	966	KARLSTAD	592309.1N 0133423.9E (*)	377	538	F R	Chimney
	4012	GRUMS	592024.1N 0130708.2E (*)	328	489	F R	Chimney
	4508	KARLSTAD/SÖRMON/2	592330.9N 0132256.4E	328	627	F R	Mast
	8277	ÖLSERUD	590059.2N 0130931.4E (*)	328	541	F R	Wind turbine
	8288	AMÖN	592119.4N 0134550.4E (*)	328	558	F R	Wind turbine
	9351	ÖLSERUD	590139.7N 0130720.3E (*)	328	515	F R	Mast
	10511	KNABBTORP	594659.3N 0135905.3E (*)	394	1444	F R	Mast
	10592	BLOMBACKA	593806.4N 0135327.9E (*)	482	1211	FLG R	Wind turbine
	10593	BLOMBACKA	593757.8N 0135336.6E (*)	482	1207	FLG R	Wind turbine
	11516	SEGERSTADS SKÄRGÅRD	591601.2N 0132132.3E (*)	469	624	FLG R	Wind turbine
	11517	SEGERSTADS SKÄRGÅRD	591552.0N 0132206.1E (*)	469	623	FLG R	Wind turbine
	11518	SEGERSTADS SKÄRGÅRD	591555.7N 0132256.5E (*)	469	623	FLG R	Wind turbine
	11519	SEGERSTADS SKÄRGÅRD	591526.7N 0132053.8E (*)	469	623	FLG R	Wind turbine
	11520	SEGERSTADS SKÄRGÅRD	591529.3N 0132304.0E (*)	469	624	FLG R	Wind turbine
	11521	SEGERSTADS SKÄRGÅRD	591551.5N 0132328.7E (*)	469	627	FLG R	Wind turbine
	11522	SEGERSTADS SKÄRGÅRD	591556.1N 0132414.3E (*)	469	623	FLG R	Wind turbine
	11523	SEGERSTADS SKÄRGÅRD	591550.8N 0132452.9E (*)	469	626	FLG R	Wind turbine
	11524	SEGERSTADS SKÄRGÅRD	591533.3N 0132341.3E (*)	469	625	FLG R	Wind turbine
	11525	SEGERSTADS SKÄRGÅRD	591537.1N 0132421.7E (*)	469	625	FLG R	Wind turbine
	14006	SUNNE	594732.0N 0130003.8E (*)	656	1860	F R	Wind turbine
	14007	SUNNE	594714.8N 0130011.3E (*)	656	1890	FLG W	Wind turbine
	14008	SUNNE	594701.5N 0130053.5E (*)	656	1864	FLG W	Wind turbine
	14009	SUNNE	594650.9N 0130117.5E (*)	656	1824	F R	Wind turbine
	14012	SUNNE	594655.7N 0130011.1E (*)	656	1811	F R	Wind turbine
	14013	SUNNE	594644.6N 0130036.2E (*)	656	1742	F R	Wind turbine
	14014	SUNNE	594630.0N 0130111.6E (*)	656	1634	FLG W	Wind turbine
	14039	KARLSTAD	592216.7N 0132950.0E (*)	338	491	F R	Building
	15519	SUNNE	594155.4N 0130257.7E	656	1542	FLG W	Wind turbine
	15520	SUNNE	594142.2N 0130309.6E	656	1509	FLG W	Wind turbine
	15521	SUNNE	594146.3N 0130356.7E	656	1512	FLG W	Wind turbine
	15522	SUNNE	594147.8N 0130439.1E	656	1526	FLG W	Wind turbine
	15523	SUNNE	594124.1N 0130516.0E	656	1496	FLG W	Wind turbine
	15524	SUNNE	594112.1N 0130514.6E	656	1483	FLG W	Wind turbine
	15525	SUNNE	594058.1N 0130515.5E	656	1483	FLG W	Wind turbine
59N 14E	268	ÖLME	592130.7N 0140007.6E	577	715	F R	Mast
	270	DEGERFORS	591226.2N 0142259.6E	525	1052	F R/FLG W	Mast
	271	FILIPSTAD/KLOCKARHÖJDEN	594057.0N 0140726.3E	1083	2013	F R/FLG W	Mast
	4507	KOPPARBERG	595141.0N 0145929.1E	384	1245	F R	Mast
	8289	BJÖRNEBORG	591340.5N 0140904.5E (*)	328	673	F R	Wind turbine
	9468	LÄRNÅS	592514.2N 0140414.6E (*)	328	840	F R	Mast
	9742	KRISTINEHAMN	591701.9N 0141313.2E (*)	328	869	F R	Mast
	10346	LÄMÅS	590203.1N 0142141.5E (*)	492	906	FLG R	Wind turbine
	10347	LÄMÅS	590143.2N 0142138.5E (*)	492	902	FLG R	Wind turbine
	10704	VRETSTORP	590028.0N 0145538.5E (*)	492	965	FLG R	Wind turbine
	10705	VRETSTORP	590041.1N 0145536.6E (*)	492	948	FLG R	Wind turbine
	10706	VRETSTORP	590048.8N 0145521.1E (*)	492	945	FLG R	Wind turbine
	12697	GRANNÅS	590347.7N 0142123.6E (*)	492	925	FLG R	Wind turbine
	12698	GRANNÅS	590332.5N 0142117.6E (*)	492	938	FLG R	Wind turbine
	12769	KRISTINAHAMN VERK 1	591752.8N 0141506.3E (*)	591	1138	FLG W	Wind turbine
	12770	KRISTINAHAMN VERK 2	591733.0N 0141327.6E (*)	591	1175	FLG W	Wind turbine
	12771	KRISTINAHAMN VERK 3	591755.1N 0141322.7E (*)	591	1201	FLG W	Wind turbine
	12772	KRISTINAHAMN VERK 4	591734.5N 0141245.0E (*)	591	1063	FLG W	Wind turbine
	12773	KRISTINAHAMN VERK 5	591735.4N 0141418.4E (*)	591	1158	FLG W	Wind turbine
	12774	KRISTINAHAMN VERK 6	591708.9N 0141342.4E (*)	591	1145	FLG W	Wind turbine
	12775	KRISTINAHAMN VERK 7	591716.5N 0141500.7E (*)	591	1122	FLG W	Wind turbine
	12776	KRISTINAHAMN VERK 8	591914.9N 0141432.7E (*)	591	1188	FLG W	Wind turbine
	12777	KRISTINAHAMN VERK 9	591857.4N 0141451.7E (*)	591	1188	FLG W	Wind turbine
	12778	KRISTINAHAMN VERK 10	591641.1N 0141329.2E (*)	591	1096	FLG W	Wind turbine
	12779	KRISTINAHAMN VERK 11	591628.3N 0141405.7E (*)	591	1099	FLG W	Wind turbine
	12780	KRISTINAHAMN VERK 12	591649.8N 0141431.7E (*)	591	1138	FLG W	Wind turbine
	12781	KRISTINAHAMN VERK 13	591640.1N 0141505.0E (*)	591	1076	FLG W	Wind turbine
	12782	KRISTINAHAMN VERK 14	591648.1N 0141254.1E (*)	591	1099	FLG W	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	12783	KRISTINAHAMN VERK 15	591755.4N 0141237.6E (*)	591	1099	FLG W	Wind turbine
	12784	KRISTINAHAMN VERK 16	591712.1N 0141259.5E (*)	591	1106	FLG W	Wind turbine
	12803	VASSGÅRDA	592146.4N 0141215.3E (*)	591	1191	FLG W	Wind turbine
	12804	VASSGÅRDA	592120.0N 0141127.4E (*)	591	1165	FLG W	Wind turbine
	12805	VASSGÅRDA	592127.1N 0141202.2E (*)	591	1096	FLG W	Wind turbine
	12806	VASSGÅRDA	592044.7N 0140922.4E (*)	591	1043	FLG W	Wind turbine
	12807	VASSGÅRDA	592045.7N 0141000.4E (*)	591	1063	FLG W	Wind turbine
	12808	VASSGÅRDA	592108.8N 0141056.0E (*)	591	1132	FLG W	Wind turbine
	12809	VASSGÅRDA	592040.5N 0141036.3E (*)	591	1079	FLG W	Wind turbine
	12810	VASSGÅRDA	592057.7N 0141027.6E (*)	591	1073	FLG W	Wind turbine
	13601	MULLHYTTAN	591301.4N 0144059.8E (*)	607	1309	F R	Wind turbine
	13602	MULLHYTTAN	591251.3N 0143923.2E (*)	607	1293	F R	Wind turbine
	13603	MULLHYTTAN	591247.1N 0144131.9E (*)	607	1325	F R	Wind turbine
	13604	MULLHYTTAN	591234.8N 0143921.1E (*)	607	1342	FLG W	Wind turbine
	13605	MULLHYTTAN	591234.0N 0143949.0E (*)	607	1296	F R	Wind turbine
	13606	MULLHYTTAN	591239.6N 0144104.8E (*)	607	1332	F R	Wind turbine
	13607	MULLHYTTAN	591240.1N 0144206.1E (*)	607	1355	F R	Wind turbine
	13608	MULLHYTTAN	591225.1N 0144300.1E (*)	607	1329	FLG W	Wind turbine
	13609	MULLHYTTAN	591222.2N 0144123.7E (*)	607	1407	FLG W	Wind turbine
	13610	MULLHYTTAN	591244.0N 0144027.4E (*)	607	1266	F R	Wind turbine
	13611	MULLHYTTAN	591254.3N 0143956.0E (*)	607	1287	F R	Wind turbine
	13612	MULLHYTTAN	591226.9N 0144030.0E (*)	607	1345	F R	Wind turbine
	13613	MULLHYTTAN	591303.5N 0144152.8E (*)	607	1302	F R	Wind turbine
	13614	MULLHYTTAN	591252.8N 0144244.6E (*)	607	1335	FLG W	Wind turbine
	13615	MULLHYTTAN	591238.5N 0144228.5E (*)	607	1325	F R	Wind turbine
	13616	MULLHYTTAN	591311.5N 0144007.7E (*)	607	1309	FLG W	Wind turbine
	14046	BÄCKHAMMAR	590921.6N 0141325.6E (*)	656	1125	FLG W	Wind turbine
	14047	BÄCKHAMMAR	590922.5N 0141356.9E (*)	656	1138	F R	Wind turbine
	14048	BÄCKHAMMAR	590923.9N 0141428.8E (*)	656	1119	FLG W	Wind turbine
	14049	BÄCKHAMMAR	590905.1N 0141325.2E (*)	656	1132	F R	Wind turbine
	14050	BÄCKHAMMAR	590905.9N 0141356.9E (*)	656	1171	F R	Wind turbine
	14051	BÄCKHAMMAR	590906.6N 0141430.8E (*)	656	1122	F R	Wind turbine
	14052	BÄCKHAMMAR	590846.3N 0141325.2E (*)	656	1115	F R	Wind turbine
	14053	BÄCKHAMMAR	590849.8N 0141353.5E (*)	656	1152	F R	Wind turbine
	14054	BÄCKHAMMAR	590850.5N 0141431.2E (*)	656	1125	F R	Wind turbine
	14055	BÄCKHAMMAR	590852.1N 0141500.1E (*)	656	1102	FLG W	Wind turbine
	14056	BÄCKHAMMAR	590833.4N 0141352.4E (*)	656	1122	F R	Wind turbine
	14057	BÄCKHAMMAR	590834.7N 0141430.8E (*)	656	1099	F R	Wind turbine
	14058	BÄCKHAMMAR	590825.9N 0141456.5E (*)	656	1073	F R	Wind turbine
	14059	BÄCKHAMMAR	590838.1N 0141517.2E (*)	656	1086	F R	Wind turbine
	14060	BÄCKHAMMAR	590842.1N 0141554.9E (*)	656	1066	FLG W	Wind turbine
	14061	BÄCKHAMMAR	590826.7N 0141600.6E (*)	656	1040	FLG W	Wind turbine
	14062	BÄCKHAMMAR	590814.2N 0141312.1E (*)	656	1086	FLG W	Wind turbine
	14063	BÄCKHAMMAR	590815.0N 0141340.6E (*)	656	1122	F R	Wind turbine
	14064	BÄCKHAMMAR	590757.1N 0141311.5E (*)	656	1047	F R	Wind turbine
	14065	BÄCKHAMMAR	590800.4N 0141343.9E (*)	656	1083	F R	Wind turbine
	14066	BÄCKHAMMAR	590741.2N 0141314.3E (*)	656	1040	FLG W	Wind turbine
	14067	BÄCKHAMMAR	590744.2N 0141348.0E (*)	656	1073	FLG W	Wind turbine
	14068	BÄCKHAMMAR	591035.4N 0141634.8E (*)	656	1138	FLG W	Wind turbine
	14069	BÄCKHAMMAR	591053.2N 0141626.9E (*)	656	1168	F R	Wind turbine
	14070	BÄCKHAMMAR	591111.1N 0141618.0E (*)	656	1161	FLG W	Wind turbine
	14071	BÄCKHAMMAR	591039.2N 0141713.4E (*)	656	1112	F R	Wind turbine
	14072	BÄCKHAMMAR	591058.0N 0141709.8E (*)	656	1132	F R	Wind turbine
	14073	BÄCKHAMMAR	591115.2N 0141657.6E (*)	656	1152	F R	Wind turbine
	14074	BÄCKHAMMAR	591044.4N 0141753.7E (*)	656	1152	FLG W	Wind turbine
	14075	BÄCKHAMMAR	591102.7N 0141754.5E (*)	656	1175	F R	Wind turbine
	14076	BÄCKHAMMAR	591120.6N 0141748.1E (*)	656	1171	FLG W	Wind turbine
59N 15E	272	ÖREBRO/LOCKHYTTAN	592545.7N 0150255.8E	1060	1873	F R/FLG W	Mast
	276	RIDDARHYTTAN	595058.1N 0153414.4E	427	1319	F R/FLG W	Mast
	1229	GUNNILBO	594745.5N 0154952.2E	344	708	F R	Mast
	4506	ÖREBRO/LOCKHYTTAN	592546.0N 0150255.7E	453	1268	-	Mast
	5350	GÖTARSVIK	591907.5N 0153437.3E (*)	328	430	F R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	6681	LANNÄS	590916.2N 0153331.3E (*)	328	410	F R	Wind turbine
	7904	ODENSBACKEN	591022.8N 0152707.0E (*)	328	410	F R	Wind turbine
	8290	LANNÄS	590915.1N 0153358.9E (*)	328	410	F R	Wind turbine
	9975	ST MELLÖSA	591224.8N 0152803.7E (*)	328	413	FLG R	Wind turbine
	9976	LÄNNÄS	590925.7N 0153400.1E (*)	328	404	FLG R	Wind turbine
	10524	LÄPPE	590808.4N 0155134.4E (*)	492	758	FLG R	Wind turbine
	10963	DAGSJÖN	591111.8N 0155731.6E (*)	335	551	FLG R	Wind turbine
	11211	MOSÄS	591112.9N 0150738.9E (*)	492	620	FLG R	Wind turbine
	11212	MOSÄS	591055.5N 0150734.3E (*)	492	610	FLG R	Wind turbine
	11538	VÄSTTORP	590754.7N 0155148.1E (*)	492	751	FLG R	Wind turbine
	12582	PÅLSBODA	590556.2N 0152146.7E (*)	479	827	FLG R	Wind turbine
	12583	PÅLSBODA	590542.4N 0152203.1E (*)	479	846	FLG R	Wind turbine
	12584	PÅLSBODA	590529.3N 0152220.8E (*)	479	863	FLG R	Wind turbine
	12601	KUMLA	591035.7N 0150718.4E (*)	492	614	FLG R	Wind turbine
	12602	KUMLA	591022.0N 0150709.0E (*)	492	620	FLG R	Wind turbine
	12603	KUMLA	591008.3N 0150659.6E (*)	492	620	FLG R	Wind turbine
	13372	LINDESBERG	593600.3N 0150643.6E (*)	328	1004	F R	Mast
59N 16E	281	VÄSTERÅS/LILLHÄRAD	593837.0N 0162402.4E	1070	1184	F R/FLG W	Mast
	286	SALA 2	595442.7N 0163859.4E	420	580	F R	Mast
	287	VÄSTERÅS	593518.3N 0163048.3E	492	503	F R	Chimney
	1149	DUNKER	591028.0N 0164747.4E	338	569	F R	Mast
	1236	SURAHAMMAR	594118.4N 0161540.0E	348	588	F R	Mast
	1525	NORSA	592954.3N 0160258.6E	338	386	F R	Mast
	1603	KÖPING	593004.6N 0160157.3E	374	395	F R	Silo
	9430	ÄSKÖPING	590829.5N 0160535.8E (*)	328	495	FLG R	Wind turbine
	10487	SKOGBYN	595738.0N 0162333.2E (*)	394	787	F R	Mast
	11388	VÄSTERÅS	593512.4N 0163031.8E (*)	361	384	F R	Chimney
	12125	ESKILSTUNA	591959.7N 0163456.0E (*)	394	636	FLG W	Mast
	13583	VÄSTERÅS	593522.8N 0163023.8E (*)	366	405	F R	Tower, Chimney
	15832	SUNDBY	592506.0N 0163808.3E	492	502	FLG R	Wind turbine
	15833	SUNDBY	592458.1N 0163820.2E	492	502	FLG R	Wind turbine
	15834	SUNDBY	592450.3N 0163832.2E	492	499	FLG R	Wind turbine
	15835	SUNDBY	592444.6N 0163847.9E	492	499	FLG R	Wind turbine
	15836	SUNDBY	592430.5N 0163832.0E	492	502	FLG R	Wind turbine
	15837	SUNDBY	592416.4N 0163819.2E	492	502	FLG R	Wind turbine
	15838	SUNDBY	592404.1N 0163802.4E	492	502	FLG R	Wind turbine
	15839	SUNDBY	592413.7N 0163745.2E	492	502	FLG R	Wind turbine
	15840	SUNDBY	592427.5N 0163738.7E	492	522	FLG R	Wind turbine
59N 17E	293	UPPSALA DOMKYRKA	595128.9N 0173757.8E (*)	377	430	-	Church
	300	UPPSALA/BRÄNNUGNEN	595108.0N 0174043.7E (*)	328	381	F R	Chimney
	301	BÄLSTA/EKOLSUND	593723.8N 0172505.3E	404	576	F R	Mast
	310	OKNÖ	593134.6N 0170736.9E (*)	354	400	F R	Pylon, power line
	319	STOCKHOLM/FITTJA	591529.3N 0175150.7E (*)	328	344	F R	Chimney
	320	STOCKHOLM/HAGBY	592928.9N 0175853.7E	394	452	F R	Mast
	321	STOCKHOLM/HÄSSELBYSTRAND1	592141.2N 0174934.7E (*)	387	482	F R/FLG W	Chimney
	648	SÖDERTÄLJE/RAGNHILDSBORG	591324.4N 0173714.3E	394	658	F R	Mast
	786	SÖDERTÄLJE/KARLEBY	591040.1N 0173957.3E	459	508	F R	Chimney
	899	UPPSALA/BRUNNBY	595122.7N 0174636.1E	738	874	F R/FLG W	Mast
	908	GRANTORP/KOLBOTTEN	592539.2N 0173519.8E (*)	367	384	F R	Pylon, Power line.
	909	GRANTORP/KOLBOTTEN	592557.2N 0173546.8E (*)	374	374	F R	Pylon, Power line.
	911	GRANTORP/KOLBOTTEN	592824.2N 0173401.8E (*)	335	335	F R	Pylon, Power line.
	912	GRANTORP/KOLBOTTEN	593146.1N 0173147.8E (*)	338	354	F R	Pylon, Power line.
	913	GRANTORP/KOLBOTTEN	593200.5N 0173125.8E	331	334	F R	Pylon, Power line.
	1148	JÄRNA	590605.2N 0173600.8E	338	505	F R	Mast
	1194	SPARRSÄTRA	593937.7N 0170150.2E	344	457	F R	Mast
	1503	GNESTA	590218.0N 0171810.6E	338	450	F R	Mast
	2887	KOLBOTTEN	591307.2N 0174213.4E	338	489	F R	Mast
	3210	HÖLÖ	590205.8N 0173356.2E	335	482	F R	Mast
	4417	STOCKHOLM/HÄSSELBYSTRAND1	592140.2N 0174935.7E (*)	381	476	F R/FLG W	Chimney
	5510	KISTA	592405.4N 0175648.9E (*)	525	558	F R/FLG W	Building
	10679	KISTA	592425.0N 0175727.0E (*)	387	495	F R	Building
	14019	SÖDERTÄLJE	591022.4N 0173745.4E (*)	328	528	F R	Chimney

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more								
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles	
59N 18E	14490	UPPSALA	595109.6N 0174056.0E	328	397	F R	Chimney	
	325	BROTBY	593524.0N 0182156.3E	404	643	F R	Mast	
	329	ORNÖ	590117.2N 0182253.1E	358	445	F R	Mast	
	332	VÄDDÖ	595805.6N 0185023.7E	505	628	F R/FLG W	Mast	
	337	ÅGESTA	591222.6N 0180506.2E	394	609	F R	Mast	
	338	STOCKHOLM/DJURGÅRDEN	591923.2N 0180546.6E (*)	328	338	F R/FLG W	Tower	
	339	STOCKHOLM/HÖGDALEN	591523.3N 0180340.6E (*)	459	597	F R	Chimney	
	340	STOCKHOLM/KAKNÄS	592003.2N 0180732.6E (*)	509	591	F R/FLG W	Tower	
	341	STOCKHOLM/KLARA K:A	591952.2N 0180340.6E (*)	348	374	-	Church	
	342	STOCKHOLM/NACKA	591751.3N 0181022.6E	984	1165	F R/FLG W	Mast	
	343	STOCKHOLM/STADSHUSET	591938.2N 0180321.6E (*)	344	348	-	Building	
	344	STOCKHOLM/ÄRTAN1	592122.2N 0180523.6E (*)	328	390	-	Building	
	345	STOCKHOLM/ÄRTAN2(B)	592112.2N 0180610.6E (*)	463	528	F R	Chimney	
	924	STOCKHOLM/HAMMARBY	591801.3N 0180555.6E (*)	344	443	F R	Tower	
	972	STOCKHOLM/HAMMARBYGÅRD	591817.3N 0180542.6E (*)	344	354	F R	Chimney	
	1146	BLADÅKER	595937.5N 0181803.3E	344	445	F R	Mast	
	1399	VAXTUNA	593628.8N 0183623.1E	344	448	F R	Mast	
	1498	NYSÄTTRA	594916.2N 0185310.3E	338	400	F R	Mast	
	1530	STOCKHOLM/LIDINGÖ	592038.2N 0180934.5E (*)	328	335	F R	Chimney	
	1569	STOCKHOLM/SKATTEHUSET	591842.2N 0180423.6E (*)	361	427	-	Building	
	2026	ÅKERSBERGA/LADVIK	592519.1N 0181402.0E	338	479	F R	Mast	
	2371	GOTTRÖRA	594456.6N 0180638.9E	341	454	F R	Mast	
	3331	RÖ/LOVISEDAL	594007.5N 0182753.8E	413	636	F R	Mast	
	3397	KÄPPALA	592119.2N 0181334.5E (*)	489	545	F R	Chimney	
	4414	STOCKHOLM/VÄRTAN2	592110.2N 0180600.6E (*)	341	400	-	Chimney	
	4415	STOCKHOLM	591745.9N 0181034.9E	984	1171	F R/FLG W	Mast	
	7353	NORRA LJUSTERÖ	593046.2N 0183617.6E (*)	328	453	F R	Wind turbine	
	10896	SVANBERGA	595007.1N 0184207.8E (*)	492	525	FLG R	Wind turbine	
	10897	SVANBERGA	594947.9N 0184042.7E (*)	492	541	FLG R	Wind turbine	
	11277	GRÖNA LUND	591922.7N 0180546.6E (*)	397	410	F R	Tower	
	12717	NORRA LJUSTERÖ	593054.9N 0183609.3E (*)	492	571	FLG R	Wind turbine	
	13368	STOCKHOLM	592046.0N 0180202.0E (*)	413	472	F R	Building	
	13904	STOCKHOLM/HAMMARBY SJÖSTAD	591804.2N 0180459.8E (*)	367	410	F R	Building	
	59N 19E	346	TJÄRVEN	594407.6N 0192010.0E	354	378	F R	Mast
	60N 12E	350	SYSSLEBÄCK	604243.6N 0125416.4E	400	1582	F R	Mast
	60N 13E	353	LOFFSTRAND/ENNARBOL	601831.9N 0132257.2E	374	1499	F R	Mast
		359	MALUNG	604000.8N 0133925.8E	344	1966	F R	Mast
		8720	BYRÅSEN	604004.8N 0133900.4E (*)	387	1982	FLG R	Wind turbine
		8721	BYRÅSEN	603958.7N 0133914.0E (*)	387	1995	FLG R	Wind turbine
		10036	KYRKBERGET	605241.3N 0133645.5E (*)	463	2539	FLG R	Wind turbine
		10037	KYRKBERGET	605254.1N 0133647.5E (*)	463	2546	F R	Wind turbine
		10038	KYRKBERGET	605305.1N 0133652.0E (*)	463	2523	FLG R	Wind turbine
		10039	KYRKBERGET	605317.7N 0133650.2E (*)	463	2474	F R	Wind turbine
10040		KYRKBERGET	605328.7N 0133655.1E (*)	463	2497	FLG R	Wind turbine	
10041		KYRKBERGET	605351.7N 0133709.2E (*)	463	2516	FLG R	Wind turbine	
10042		KYRKBERGET	605340.8N 0133708.8E (*)	463	2562	F R	Wind turbine	
10043		KYRKBERGET	605341.4N 0133743.1E (*)	463	2503	FLG R	Wind turbine	
10044		KYRKBERGET	605314.2N 0133721.1E (*)	463	2585	FLG R	Wind turbine	
10045		KYRKBERGET	605322.4N 0133750.3E (*)	463	2562	FLG R	Wind turbine	
10494		ST. SVEDBERGET	602123.4N 0135643.5E (*)	492	2149	FLG R	Wind turbine	
10495		ST. SVEDBERGET	602104.3N 0135634.3E (*)	492	2178	FLG R	Wind turbine	
10496		ST. SVEDBERGET	602050.1N 0135651.7E (*)	492	2297	FLG R	Wind turbine	
10497		ST. SVEDBERGET	602034.9N 0135655.4E (*)	492	2336	FLG R	Wind turbine	
10498		ST. SVEDBERGET	602016.2N 0135649.8E (*)	492	2247	FLG R	Wind turbine	
10499		ST. SVEDBERGET	602005.0N 0135620.1E (*)	492	2172	FLG R	Wind turbine	
10500		ST. SVEDBERGET	602014.0N 0135536.9E (*)	492	2175	FLG R	Wind turbine	
10501		ST. SVEDBERGET	602033.4N 0135601.3E (*)	492	2208	FLG R	Wind turbine	
10502		ST. SVEDBERGET	602050.5N 0135548.8E (*)	492	2192	FLG R	Wind turbine	
10752	SKÖRDRISBERGET	603409.5N 0132855.6E (*)	394	2280	F R	Mast		
11601	ÄPPELBO / HÅBERGET	602408.2N 0135347.2E (*)	574	2067	FLG W	Wind turbine		
11602	ÄPPELBO / HÅBERGET	602350.8N 0135422.1E (*)	574	2300	FLG W	Wind turbine		
11603	ÄPPELBO / HÅBERGET	602334.9N 0135407.9E (*)	574	2316	FLG W	Wind turbine		

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
60N 14E	11604	ÄPPELBO / HÄBERGET	602320.7N 0135338.7E (*)	574	2169	FLG W	Wind turbine
	11605	ÄPPELBO / HÄBERGET	602311.3N 0135515.6E (*)	574	2139	FLG W	Wind turbine
	11606	ÄPPELBO / HÄBERGET	602259.6N 0135531.5E (*)	574	2228	FLG W	Wind turbine
	11607	ÄPPELBO / HÄBERGET	602245.0N 0135547.4E (*)	574	2169	FLG W	Wind turbine
	13902	MALUNG/BRÄNDBERGET	603611.5N 0133016.8E (*)	440	2211	F R	Mast
	15583	YTTERMALUNG	603144.8N 0133433.0E	394	2090	F R	Mast
	15784	MALUNG	602741.0N 0132842.6E	651	2352	F R	Wind turbine
	15785	MALUNG	602739.9N 0132915.4E	649	2335	FLG W	Wind turbine
	15786	MALUNG	602739.4N 0132709.9E	655	2192	FLG W	Wind turbine
	15787	MALUNG	602724.8N 0132734.4E	655	2379	F R	Wind turbine
	15788	MALUNG	602716.1N 0132818.1E	649	2354	F R	Wind turbine
	15789	MALUNG	602714.4N 0132906.5E	650	2351	F R	Wind turbine
	15790	MALUNG	602702.2N 0132808.5E	648	2341	FLG W	Wind turbine
	15791	MALUNG	602644.2N 0132916.7E	650	2243	FLG W	Wind turbine
	362	VANSBRO/HUMMELBERGET	602612.8N 0140628.6E	420	2010	F R	Mast
	7265	ÄPPELBO	603011.3N 0140115.0E (*)	374	1909	F R	Wind turbine
	8284	ÖRTJÄRN	600610.1N 0145340.2E (*)	410	1919	F R	Wind turbine
	8285	ÖRTJÄRN	600606.8N 0145401.5E (*)	410	1883	F R	Wind turbine
	8286	ÖRTJÄRN	600602.4N 0145423.0E (*)	410	1900	F R	Wind turbine
	8287	ÖRTJÄRN	600546.3N 0145458.2E (*)	410	1913	F R	Wind turbine
	8391	ÖRTJÄRN	600555.8N 0145442.8E (*)	410	1906	F R	Wind turbine
	8694	RÖBERGSFJÄLLET	601709.5N 0141322.0E (*)	410	2123	F R	Wind turbine
	8695	FLATBERGET	601659.9N 0141335.1E (*)	410	2083	F R	Wind turbine
	8696	RÖBERGSFJÄLLET	601652.9N 0141310.9E (*)	410	2087	F R	Wind turbine
	8697	FLATBERGET	601647.9N 0141348.8E (*)	410	2106	F R	Wind turbine
	8698	RÖBERGSFJÄLLET	601641.0N 0141315.1E (*)	410	2133	F R	Wind turbine
	8699	RÖBERGSFJÄLLET	601638.7N 0141335.7E (*)	410	2139	F R	Wind turbine
	8700	RÖBERGSFJÄLLET	601633.7N 0141240.6E (*)	410	2087	F R	Wind turbine
	8701	RÖBERGSFJÄLLET	601625.3N 0141313.8E (*)	410	2133	F R	Wind turbine
	8801	BRINGSJÖBERG	600631.1N 0144651.3E (*)	335	1791	FLG R	Wind turbine
	9079	SILKOMHÖJDEN	601421.2N 0141152.1E (*)	456	1864	F R	Wind turbine
	9080	SILKOMHÖJDEN	601432.5N 0141149.1E (*)	456	1936	F R	Wind turbine
	9081	SILKOMHÖJDEN	601443.9N 0141147.4E (*)	456	1850	F R	Wind turbine
	9082	SILKOMHÖJDEN	601451.6N 0141246.1E (*)	456	1952	F R	Wind turbine
	9083	SILKOMHÖJDEN	601504.4N 0141232.0E (*)	456	1932	F R	Wind turbine
	9084	KJÖKEBERGET	601514.9N 0141238.3E (*)	456	1972	F R	Wind turbine
	9107	GRÄNGESBERG	600727.8N 0145655.3E (*)	492	1798	F R	Wind turbine
	9108	GRÄNGESBERG	600730.4N 0145626.6E (*)	492	1850	FLG R	Wind turbine
	9109	GRÄNGESBERG	600734.6N 0145723.5E (*)	492	1824	F R	Wind turbine
	9110	GRÄNGESBERG	600713.0N 0145430.7E (*)	492	1932	FLG R	Wind turbine
	9111	GRÄNGESBERG	600717.8N 0145344.7E (*)	492	1834	FLG R	Wind turbine
	9112	GRÄNGESBERG	600713.9N 0145517.7E (*)	492	1857	FLG R	Wind turbine
	9113	GRÄNGESBERG	600725.9N 0145459.8E (*)	492	1850	F R	Wind turbine
	9114	GRÄNGESBERG	600606.4N 0145614.6E (*)	492	1827	FLG R	Wind turbine
	9115	GRÄNGESBERG	600746.5N 0145740.1E (*)	492	1909	FLG R	Wind turbine
	9116	GRÄNGESBERG	600744.6N 0145501.9E (*)	492	1837	FLG R	Wind turbine
	9117	GRÄNGESBERG	600609.4N 0145513.5E (*)	492	1955	FLG R	Wind turbine
9118	GRÄNGESBERG	600725.9N 0145417.1E (*)	492	1877	F R	Wind turbine	
9124	SÄLEN	604855.8N 0142411.1E (*)	410	2100	FLG R	Wind turbine	
9125	SÄLEN	604838.8N 0142403.5E (*)	410	2113	F R	Wind turbine	
9126	SÄLEN	604833.3N 0142427.9E (*)	410	2198	F R	Wind turbine	
9127	SÄLEN	604824.1N 0142402.4E (*)	410	2188	FLG R	Wind turbine	
9128	SÄLEN	604759.5N 0142411.7E (*)	410	2264	FLG R	Wind turbine	
9129	SÄLEN	604748.6N 0142406.8E (*)	410	2231	F R	Wind turbine	
9130	SÄLEN	604735.5N 0142359.1E (*)	410	2329	F R	Wind turbine	
9131	SÄLEN	604725.2N 0142408.3E (*)	410	2297	FLG R	Wind turbine	
9350	GESUNDA	605123.4N 0142544.6E (*)	328	1860	F R	Mast	
13618	GRÄNGESBERG	600543.2N 0145353.5E (*)	591	1949	FLG W	Wind turbine	
13619	GRÄNGESBERG	600545.7N 0145326.9E (*)	591	1936	F R	Wind turbine	
13620	GRÄNGESBERG	600542.1N 0145353.6E (*)	591	1952	FLG W	Wind turbine	
60N 15E	363	BORLÄNGE/IDKERBERGET	602256.2N 0150818.1E	1073	2656	FLG W	Mast
	370	VIKMANSHYTTAN	601838.7N 0154929.7E	338	968	F R	Mast

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
60N 16E	3613	FALUN/LÖVBERGET	603735.1N 0153406.8E	354	1042	F R	Mast
	8398	UVBERGET	600942.6N 0152358.2E (*)	328	1322	FLG R	Wind turbine
	9046	SÖRSKOG	604810.3N 0152323.8E (*)	459	1969	FLG R	Wind turbine
	9047	SÖRSKOG	604756.9N 0152330.6E (*)	459	1969	FLG R	Wind turbine
	9048	SÖRSKOG	604728.1N 0152406.6E (*)	459	1949	FLG R	Wind turbine
	9049	SÖRSKOG	604719.3N 0152344.7E (*)	459	1893	FLG R	Wind turbine
	9050	SÖRSKOG	604743.5N 0152434.2E (*)	459	1952	FLG R	Wind turbine
	9839	LAXSJÖ / ORRBERGET	602202.8N 0150526.4E (*)	335	1873	F R	Mast
	9879	UVBERGET	600949.3N 0152413.5E (*)	328	1286	FLG R	Wind turbine
	9885	TAVELBERGET	605208.3N 0155757.2E (*)	492	1936	FLG R	Wind turbine
	9886	TAVELBERGET	605154.2N 0155814.4E (*)	492	1936	FLG R	Wind turbine
	9887	TAVELBERGET	605136.3N 0155748.6E (*)	492	1962	FLG R	Wind turbine
	9888	TAVELBERGET	605123.0N 0155729.8E (*)	492	1982	FLG R	Wind turbine
	9889	TAVELBERGET	605114.3N 0155754.8E (*)	492	1936	FLG R	Wind turbine
	12702	TAVELBERGET	605135.1N 0155846.5E (*)	492	1962	FLG R	Wind turbine
	13738	IDKERBERGET	602205.8N 0150528.0E (*)	489	2024	FLG R	Wind turbine
	13739	IDKERBERGET	602150.1N 0150515.1E (*)	489	1955	FLG R	Wind turbine
	13740	IDKERBERGET	602155.7N 0150553.2E (*)	489	2014	FLG R	Wind turbine
	13741	IDKERBERGET	602145.3N 0150621.4E (*)	489	1982	FLG R	Wind turbine
	13742	IDKERBERGET	602130.2N 0150547.2E (*)	489	1965	FLG R	Wind turbine
	13743	IDKERBERGET	602106.3N 0150548.7E (*)	489	1896	FLG R	Wind turbine
	13744	IDKERBERGET	602118.0N 0150614.4E (*)	489	1985	FLG R	Wind turbine
	13745	IDKERBERGET	602111.2N 0150644.6E (*)	489	1972	FLG R	Wind turbine
	13746	IDKERBERGET	602055.7N 0150635.8E (*)	489	2005	FLG R	Wind turbine
	9682	IVANTJÄRN	604627.5N 0163524.8E (*)	489	1352	FLG R	Wind turbine
	9683	IVANTJÄRN	604615.2N 0163511.1E (*)	489	1335	FLG R	Wind turbine
	9711	JÄDRAÅS	605012.6N 0161746.1E (*)	328	1345	F R	Mast
	9736	JÄRBO	604622.3N 0163514.1E (*)	328	1165	F R	Mast
	10058	SVÄRDSJÖ	604651.0N 0161432.0E (*)	394	1417	F R	Mast
	10284	SNEÅSEN	604650.4N 0162053.0E (*)	361	1319	F R	Mast
	10305	VETTÅSEN	604745.9N 0163443.1E (*)	492	1378	FLG R	Wind turbine
	10306	VETTÅSEN	604730.8N 0163445.9E (*)	492	1362	FLG R	Wind turbine
	10307	VETTÅSEN	604720.7N 0163459.2E (*)	492	1329	FLG R	Wind turbine
	10308	VETTÅSEN	604704.6N 0163449.3E (*)	492	1007	FLG R	Wind turbine
	10309	VETTÅSEN	604701.7N 0163542.7E (*)	492	1263	FLG R	Wind turbine
	10310	VETTÅSEN	604647.0N 0163528.2E (*)	492	1312	FLG R	Wind turbine
	10311	VINTJÄRN	605118.7N 0160121.8E (*)	394	1824	F R	Mast
	10323	MÅRTENSKLACK	604843.7N 0163921.6E (*)	492	1332	FLG R	Wind turbine
	10324	MÅRTENSKLACK	604834.7N 0163942.8E (*)	492	1378	FLG R	Wind turbine
	10325	MÅRTENSKLACK	604848.6N 0163946.1E (*)	492	1332	FLG R	Wind turbine
	10326	MÅRTENSKLACK	604839.4N 0164007.9E (*)	492	1358	FLG R	Wind turbine
	10658	HORNDAL	601946.7N 0162825.7E (*)	394	935	F R	Mast
	10692	JÄDRAÅS	604739.7N 0161821.3E (*)	394	1506	F R	Mast
	10693	JÄDRAÅS	604748.2N 0161756.5E (*)	394	1476	F R	Mast
	10694	JÄDRAÅS	604820.5N 0161745.8E (*)	394	1450	F R	Mast
	10695	JÄDRAÅS	604804.4N 0161736.7E (*)	394	1467	F R	Mast
	10708	JÄDRAÅS	604920.7N 0162354.5E (*)	394	1414	F R	Mast
	10709	JÄDRAÅS	604740.5N 0161804.0E (*)	394	1457	F R	Mast
10710	JÄDRAÅS	604813.2N 0161738.1E (*)	394	1417	F R	Mast	
10711	JÄDRAÅS	604917.2N 0162408.2E (*)	394	1398	F R	Mast	
10793	KUNGSBERG	604704.8N 0162707.4E (*)	492	1506	FLG R	Wind turbine	
10794	KUNGSBERG	604713.2N 0162747.1E (*)	492	1503	FLG R	Wind turbine	
10838	ROBERTSHOLM	603525.9N 0161828.2E (*)	492	1401	FLG R	Wind turbine	
10839	ROBERTSHOLM	603546.7N 0161856.5E (*)	492	1342	FLG R	Wind turbine	
10840	ROBERTSHOLM	603526.2N 0161920.2E (*)	492	1345	FLG R	Wind turbine	
10841	ROBERTSHOLM	603511.9N 0161918.7E (*)	492	1355	FLG R	Wind turbine	
10843	JÄDRAÅS	604735.3N 0162842.7E (*)	574	1414	FLG W	Wind turbine	
10844	JÄDRAÅS	604747.5N 0162830.3E (*)	574	1460	F R	Wind turbine	
10845	JÄDRAÅS	604743.3N 0162753.4E (*)	574	1562	F R	Wind turbine	
10846	JÄDRAÅS	604729.7N 0162737.9E (*)	574	1594	F R	Wind turbine	
10847	JÄDRAÅS	604740.5N 0162713.9E (*)	574	1549	FLG W	Wind turbine	
10848	JÄDRAÅS	604727.8N 0162656.3E (*)	574	1555	F R	Wind turbine	

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	10849	JÄDRAÅS	604743.2N 0162636.0E (*)	574	1532	F R	Wind turbine
	10850	JÄDRAÅS	604728.6N 0162624.3E (*)	574	1562	F R	Wind turbine
	10851	JÄDRAÅS	604744.1N 0162557.0E (*)	574	1516	F R	Wind turbine
	10852	JÄDRAÅS	604731.6N 0162526.0E (*)	574	1506	FLG W	Wind turbine
	10853	JÄDRAÅS	604754.7N 0162523.0E (*)	574	1499	F R	Wind turbine
	10854	JÄDRAÅS	604732.9N 0162424.5E (*)	574	1473	F R	Wind turbine
	10877	GARPENBERG	602024.5N 0161238.0E (*)	492	1355	FLG R	Wind turbine
	10878	GARPENBERG	602058.4N 0161422.8E (*)	492	1352	FLG R	Wind turbine
	10879	GARPENBERG	602059.0N 0161421.5E (*)	492	1355	FLG R	Wind turbine
	10880	GARPENBERG	602037.0N 0161619.8E (*)	492	1339	FLG R	Wind turbine
	10881	GARPENBERG	602024.5N 0161633.3E (*)	492	1322	FLG R	Wind turbine
	10882	GARPENBERG	602158.2N 0161704.5E (*)	492	1276	FLG R	Wind turbine
	10883	GARPENBERG	602203.7N 0161807.6E (*)	492	1309	FLG R	Wind turbine
	11035	JÄDRAÅS	604737.4N 0162305.1E (*)	574	1542	F R	Wind turbine
	11036	JÄDRAÅS	604752.0N 0162312.7E (*)	574	1631	F R	Wind turbine
	11037	JÄDRAÅS	604802.8N 0162255.3E (*)	574	1808	F R	Wind turbine
	11038	JÄDRAÅS	604750.0N 0162230.5E (*)	574	1716	F R	Wind turbine
	11039	JÄDRAÅS	604806.2N 0162224.3E (*)	574	1657	F R	Wind turbine
	11040	JÄDRAÅS	604803.2N 0162147.9E (*)	574	1660	F R	Wind turbine
	11041	JÄDRAÅS	604750.7N 0162133.3E (*)	574	1640	F R	Wind turbine
	11042	JÄDRAÅS	604801.1N 0162106.3E (*)	574	1640	F R	Wind turbine
	11043	JÄDRAÅS	604715.6N 0162143.1E (*)	574	1568	F R	Wind turbine
	11044	JÄDRAÅS	604625.6N 0162205.1E (*)	574	1549	FLG W	Wind turbine
	11045	JÄDRAÅS	604656.1N 0162114.8E (*)	574	1565	F R	Wind turbine
	11046	JÄDRAÅS	604641.4N 0162059.7E (*)	574	1552	F R	Wind turbine
	11047	JÄDRAÅS	604656.4N 0162030.2E (*)	574	1581	FLG W	Wind turbine
	11048	JÄDRAÅS	604714.1N 0162030.8E (*)	574	1647	F R	Wind turbine
	11049	JÄDRAÅS	604731.1N 0162016.1E (*)	574	1660	F R	Wind turbine
	11050	JÄDRAÅS	604708.0N 0161947.7E (*)	574	1680	F R	Wind turbine
	11126	JÄDRAÅS	604734.3N 0161941.5E (*)	574	1693	F R	Wind turbine
	11128	JÄDRAÅS	604719.9N 0161921.2E (*)	574	1680	F R	Wind turbine
	11129	JÄDRAÅS	604736.1N 0161908.1E (*)	574	1699	F R	Wind turbine
	11130	JÄDRAÅS	604747.2N 0161858.1E (*)	574	1729	F R	Wind turbine
	11131	JÄDRAÅS	604727.5N 0161828.7E (*)	574	1709	F R	Wind turbine
	11132	JÄDRAÅS	604739.9N 0161822.3E (*)	574	1693	FLG W	Wind turbine
	11133	JÄDRAÅS	604801.0N 0161859.1E (*)	574	1693	F R	Wind turbine
	11134	JÄDRAÅS	604813.6N 0161908.7E (*)	574	1608	F R	Wind turbine
	11135	JÄDRAÅS	604755.4N 0161829.6E (*)	574	1690	F R	Wind turbine
	11136	JÄDRAÅS	604748.7N 0161756.0E (*)	574	1670	F R	Wind turbine
	11137	JÄDRAÅS	604813.5N 0161812.8E (*)	574	1663	F R	Wind turbine
	11138	JÄDRAÅS	604827.0N 0161837.6E (*)	574	1591	F R	Wind turbine
	11139	JÄDRAÅS	604821.0N 0161744.9E (*)	574	1634	FLG W	Wind turbine
	11140	JÄDRAÅS	604804.7N 0161737.8E (*)	574	1644	F R	Wind turbine
	11193	JÄDRAÅS	605004.2N 0161839.5E (*)	574	1624	FLG W	Wind turbine
	11194	JÄDRAÅS	604947.0N 0161912.8E (*)	574	1759	F R	Wind turbine
	11195	JÄDRAÅS	605003.5N 0161914.6E (*)	574	1713	F R	Wind turbine
	11196	JÄDRAÅS	605010.6N 0161942.1E (*)	574	1713	F R	Wind turbine
	11197	JÄDRAÅS	604926.9N 0161936.1E (*)	574	1686	F R	Wind turbine
	11198	JÄDRAÅS	604945.4N 0161943.4E (*)	574	1716	F R	Wind turbine
	11199	JÄDRAÅS	605000.7N 0161957.9E (*)	574	1696	FLG W	Wind turbine
	11200	JÄDRAÅS	604949.1N 0162012.4E (*)	574	1670	F R	Wind turbine
	11201	JÄDRAÅS	604931.4N 0162107.9E (*)	574	1716	F R	Wind turbine
	11202	JÄDRAÅS	604920.7N 0162142.0E (*)	574	1677	F R	Wind turbine
	11203	JÄDRAÅS	604938.6N 0162156.2E (*)	574	1647	F R	Wind turbine
	11204	JÄDRAÅS	604942.1N 0162232.7E (*)	574	1568	F R	Wind turbine
	11205	JÄDRAÅS	604952.2N 0162305.4E (*)	574	1519	FLG W	Wind turbine
	11206	JÄDRAÅS	604936.7N 0162341.6E (*)	574	1535	F R	Wind turbine
	11207	JÄDRAÅS	604921.0N 0162355.1E (*)	574	1591	F R	Wind turbine
	11208	JÄDRAÅS	604910.1N 0162416.4E (*)	574	1549	F R	Wind turbine
	11209	JÄDRAÅS	604855.8N 0162428.0E (*)	574	1516	FLG W	Wind turbine
	11218	JÄDRAÅS	604916.5N 0161952.3E (*)	574	1703	F R	Wind turbine
	11219	JÄDRAÅS	604932.7N 0162001.7E (*)	574	1729	F R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	11220	JÄDRAÅS	604937.8N 0162033.3E (*)	574	1706	F R	Wind turbine
	11221	JÄDRAÅS	604916.3N 0162045.8E (*)	574	1614	F R	Wind turbine
	11222	JÄDRAÅS	604907.7N 0162121.1E (*)	574	1617	F R	Wind turbine
	11223	JÄDRAÅS	604909.2N 0162218.7E (*)	574	1565	F R	Wind turbine
	12738	KUNGSBERG	604452.3N 0162256.8E (*)	623	1522	F R	Wind turbine
	12739	KUNGSBERG	604434.9N 0162244.6E (*)	623	1532	FLG W	Wind turbine
	12740	KUNGSBERG	604501.8N 0162331.3E (*)	623	1506	FLG W	Wind turbine
	12741	KUNGSBERG	604437.7N 0162322.4E (*)	623	1539	F R	Wind turbine
	12742	KUNGSBERG	604417.2N 0162318.1E (*)	623	1594	F R	Wind turbine
	12743	KUNGSBERG	604459.1N 0162406.9E (*)	623	1496	F R	Wind turbine
	12744	KUNGSBERG	604427.5N 0162402.1E (*)	623	1496	F R	Wind turbine
	12745	KUNGSBERG	604402.8N 0162349.4E (*)	623	1539	FLG W	Wind turbine
	12746	KUNGSBERG	604446.9N 0162437.7E (*)	623	1470	FLG W	Wind turbine
	12747	KUNGSBERG	604413.1N 0162428.4E (*)	623	1483	FLG W	Wind turbine
	12899	SVÄRDSJÖ	604806.5N 0161240.5E (*)	459	1608	F R	Mast
	13839	SVARTNÄS	605040.9N 0160752.8E (*)	591	1886	FLG W	Wind turbine
	13840	SVARTNÄS	605016.6N 0160818.1E (*)	591	1942	F R	Wind turbine
	13841	SVARTNÄS	605034.2N 0160839.7E (*)	591	1916	F R	Wind turbine
	13842	SVARTNÄS	604946.4N 0160707.4E (*)	591	1952	FLG W	Wind turbine
	13843	SVARTNÄS	604955.4N 0160804.3E (*)	591	1982	F R	Wind turbine
	13844	SVARTNÄS	604926.4N 0160839.8E (*)	591	1818	F R	Wind turbine
	13845	SVARTNÄS	604957.0N 0160900.0E (*)	591	1886	F R	Wind turbine
	13846	SVARTNÄS	604934.8N 0160936.6E (*)	591	1896	F R	Wind turbine
	13847	SVARTNÄS	605018.7N 0160951.1E (*)	591	1880	FLG W	Wind turbine
	13848	SVARTNÄS	605037.7N 0160922.1E (*)	591	1864	FLG W	Wind turbine
	13849	SVARTNÄS	604905.1N 0160824.7E (*)	591	1762	F R	Wind turbine
	13850	SVARTNÄS	604848.3N 0160758.0E (*)	591	1759	FLG W	Wind turbine
	13851	SVARTNÄS	604815.0N 0161149.9E (*)	591	1699	FLG W	Wind turbine
	13852	SVARTNÄS	604820.5N 0161111.0E (*)	591	1719	F R	Wind turbine
	13853	SVARTNÄS	604839.1N 0161109.6E (*)	591	1801	FLG W	Wind turbine
	13854	SVARTNÄS	604832.3N 0161029.7E (*)	591	1739	F R	Wind turbine
	13855	SVARTNÄS	604820.9N 0160953.4E (*)	591	1686	FLG W	Wind turbine
	13856	SVARTNÄS	604839.0N 0160944.7E (*)	591	1775	F R	Wind turbine
	13857	SVARTNÄS	604839.5N 0160858.7E (*)	591	1729	F R	Wind turbine
	13858	SVARTNÄS	604745.2N 0161208.0E (*)	591	1650	F R	Wind turbine
	13859	SVARTNÄS	604711.8N 0161400.9E (*)	591	1703	F R	Wind turbine
	13860	SVARTNÄS	604652.0N 0161433.1E (*)	591	1617	F R	Wind turbine
	13861	SVARTNÄS	604642.9N 0161514.9E (*)	591	1594	F R	Wind turbine
	13862	SVARTNÄS	604707.7N 0161547.9E (*)	591	1660	FLG W	Wind turbine
	13863	SVARTNÄS	604725.9N 0161525.0E (*)	591	1677	FLG W	Wind turbine
	13864	SVARTNÄS	604723.3N 0161442.1E (*)	591	1660	F R	Wind turbine
	13865	SVARTNÄS	604620.6N 0161455.1E (*)	591	1499	FLG W	Wind turbine
	13866	SVARTNÄS	604631.1N 0161419.0E (*)	591	1506	F R	Wind turbine
	13867	SVARTNÄS	604702.3N 0161258.6E (*)	591	1650	F R	Wind turbine
	13868	SVARTNÄS	604709.5N 0161217.1E (*)	591	1673	FLG W	Wind turbine
	13869	SVARTNÄS	604645.4N 0161235.3E (*)	591	1578	F R	Wind turbine
	13870	SVARTNÄS	604625.6N 0161301.2E (*)	591	1529	FLG W	Wind turbine
	13871	SVARTNÄS	605310.3N 0160840.3E (*)	591	1985	FLG W	Wind turbine
	13872	SVARTNÄS	605215.4N 0160808.2E (*)	591	2047	F R	Wind turbine
	13873	SVARTNÄS	605220.8N 0160850.9E (*)	591	1913	FLG W	Wind turbine
	13874	SVARTNÄS	605227.0N 0160747.0E (*)	591	2021	FLG W	Wind turbine
	13875	SVARTNÄS	605230.3N 0160828.9E (*)	591	2087	F R	Wind turbine
	13876	SVARTNÄS	605239.7N 0160912.5E (*)	591	1959	FLG W	Wind turbine
	13877	SVARTNÄS	605241.6N 0160815.2E (*)	591	2060	F R	Wind turbine
	13878	SVARTNÄS	605255.0N 0160849.8E (*)	591	1919	F R	Wind turbine
	13879	SVARTNÄS	605253.8N 0160806.9E (*)	591	1936	F R	Wind turbine
	13941	JÄDRAÅS	604838.4N 0161348.5E (*)	463	1529	F R	Mast
	14122	SVÄRDSJÖ	604159.0N 0160106.1E	492	1493	FLG R	Wind turbine
	14244	AVESTA	600638.2N 0160406.7E	656	1171	FLG W	Wind turbine
	14245	AVESTA	600602.3N 0160426.8E	656	1227	F R	Wind turbine
	14246	AVESTA	600545.2N 0160525.6E	656	1207	F R	Wind turbine
	14247	AVESTA	600632.7N 0160310.7E	656	1211	FLG W	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	14248	AVESTA	600548.6N 0160613.1E	656	1204	F R	Wind turbine
	14249	AVESTA	600552.3N 0160705.2E	656	1184	FLG W	Wind turbine
	14250	AVESTA	600621.5N 0160712.8E	656	1135	FLG W	Wind turbine
	14251	AVESTA	600618.7N 0160628.9E	656	1165	F R	Wind turbine
	14252	AVESTA	600622.3N 0160751.2E	656	1115	F R	Wind turbine
	14253	AVESTA	600610.6N 0160809.9E	656	1129	F R	Wind turbine
	14254	AVESTA	600557.2N 0160822.0E	656	1099	F R	Wind turbine
	14255	AVESTA	600559.0N 0160908.5E	656	1122	F R	Wind turbine
	14256	AVESTA	600626.5N 0160953.0E	656	1040	FLG W	Wind turbine
	14257	AVESTA	600544.2N 0160929.6E	656	1102	F R	Wind turbine
	14258	AVESTA	600608.3N 0160959.3E	656	1043	F R	Wind turbine
	14259	AVESTA	600528.9N 0160942.6E	656	1138	F R	Wind turbine
	14260	AVESTA	600616.1N 0160314.2E	656	1243	FLG W	Wind turbine
	14261	AVESTA	600543.7N 0160353.3E	656	1240	FLG W	Wind turbine
	14262	AVESTA	600521.4N 0160435.6E	656	1175	FLG W	Wind turbine
	14263	AVESTA	600518.2N 0161040.1E	656	1070	FLG W	Wind turbine
	14264	AVESTA	600441.3N 0160849.3E	656	1099	F R	Wind turbine
	14265	AVESTA	600415.0N 0160856.1E	656	1037	FLG W	Wind turbine
	14266	AVESTA	600557.8N 0160502.9E	656	1220	F R	Wind turbine
	14267	AVESTA	600501.6N 0160922.5E	656	1079	F R	Wind turbine
	14268	AVESTA	600414.4N 0160938.0E	656	1020	FLG W	Wind turbine
	14269	AVESTA	600621.2N 0160440.5E	656	1171	F R	Wind turbine
	14270	AVESTA	600625.5N 0160553.8E	656	1184	FLG W	Wind turbine
	14443	ÅMOT	605600.9N 0162459.1E (*)	591	1624	F R	Mast
	14444	ÅMOT	605424.3N 0162629.1E (*)	492	1562	F R	Mast
	14863	LÅNGSHYTTAN	603226.4N 0160557.1E	656	1642	FLG W	Wind turbine
	14864	LÅNGSHYTTAN	603226.4N 0160507.1E	656	1636	FLG W	Wind turbine
	14865	LÅNGSHYTTAN	603227.9N 0160430.4E	656	1593	F R	Wind turbine
	14866	LÅNGSHYTTAN	603219.4N 0160320.7E	656	1681	FLG W	Wind turbine
	14867	LÅNGSHYTTAN	603209.7N 0160510.3E	656	1599	F R	Wind turbine
	14868	LÅNGSHYTTAN	603202.7N 0160436.5E	656	1603	F R	Wind turbine
	14869	LÅNGSHYTTAN	603151.9N 0160455.3E	656	1659	FLG W	Wind turbine
	15768	HOFORS	603006.1N 0161417.3E	656	1286	FLG W	Wind turbine
	15769	HOFORS	602959.5N 0161451.1E	656	1234	FLG W	Wind turbine
	15770	HOFORS	602940.4N 0161446.8E	656	1168	FLG W	Wind turbine
	15771	HOFORS	602940.3N 0161359.4E	656	1204	FLG W	Wind turbine
	15772	HOFORS	602144.3N 0162850.5E	656	1222	FLG W	Wind turbine
	15773	HOFORS	602104.4N 0162912.4E	656	1186	FLG W	Wind turbine
	15774	HOFORS	602110.3N 0162752.6E	656	1190	FLG W	Wind turbine
	15775	HOFORS	602045.1N 0162814.9E	656	1294	FLG R	Wind turbine
	15776	HOFORS	602022.1N 0162721.6E	656	1259	FLG W	Wind turbine
	15777	HOFORS	602015.2N 0162825.2E	656	1257	FLG R	Wind turbine
	15778	HOFORS	602002.1N 0162911.1E	656	1208	FLG W	Wind turbine
	15779	HOFORS	602001.5N 0162737.0E	656	1242	FLG R	Wind turbine
	15780	HOFORS	601940.2N 0162806.0E	656	1188	FLG W	Wind turbine
	15781	HOFORS	601828.6N 0163117.7E	656	1169	FLG W	Wind turbine
	15782	HOFORS	601830.4N 0163223.4E	656	1167	FLG W	Wind turbine
	15783	HOFORS	601832.0N 0163308.3E	656	1144	FLG R	Wind turbine
60N 17E	383	GÄVLE	603751.1N 0170745.2E	1070	1220	F R/FLG W	Mast
	384	SKUTSKÄR	603844.2N 0172315.8E	394	423	F R	Chimney
	386	GÄVLE/KARSKÄRSVERKEN	604058.3N 0171617.5E	482	505	F R	Chimney
	681	SALSTA/SLÄSBY	600445.2N 0174950.2E	374	606	F R	Mast
	1145	TÄRNSJÖ	600921.4N 0170226.9E	348	525	F R	Mast
	1402	EDSBO	601759.9N 0172029.1E	338	469	F R	Mast
	1611	NORUNDA	600511.0N 0172846.2E	341	483	F R	Mast
	2305	GÄVLE/STUREBORG	603824.8N 0170759.8E	335	494	F R	Mast
	3224	TOBO	601712.7N 0173959.8E	394	539	F R	Mast
	6370	SKUTSKÄR	603842.7N 0172320.2E (*)	335	358	F R	Chimney
	9614	SKUTSKÄR	603912.3N 0172259.9E (*)	492	505	FLG R	Wind turbine
	9615	SKUTSKÄR	603914.8N 0172326.0E (*)	492	505	FLG R	Wind turbine
	9616	SKUTSKÄR	603914.1N 0172402.1E (*)	492	502	FLG R	Wind turbine
	9617	SKUTSKÄR	603917.0N 0172421.2E (*)	492	505	FLG R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
60N 18E	9618	SKUTSKÅR	603910.7N 0172441.7E (*)	492	515	FLG R	Wind turbine
	10064	TRÖDJE	605001.8N 0170924.2E (*)	384	495	F R	Mast
	13297	GÄVLE	603338.3N 0171316.9E (*)	486	663	FLG R	Mast
	14511	GÄVLE	604131.9N 0171350.9E	407	417	FLG R	Crane
	14512	GÄVLE	604131.6N 0171349.0E	407	417	FLG R	Crane
	394	ÖSTHAMMAR/VALÖ	601546.9N 0180421.3E	1086	1228	F R/FLG W	Mast
	395	FORSMARK 1	602414.6N 0181027.1E (*)	328	338	F R	Chimney
	396	FORSMARK 2	602404.9N 0181058.5E	344	350	F R	Mast
	397	GRISSEHAMN	600530.8N 0184857.6E	361	458	F R	Mast
	398	GRÄSÖ	602949.6N 0182352.0E	358	419	F R	Mast
	840	FORSMARK 5	602419.3N 0180939.3E (*)	328	338	F R	Chimney
	863	FORSMARK 6	602347.6N 0180936.1E	384	409	F R	Mast
	1134	HALLSTAVIK	600417.4N 0183446.2E	338	388	F R	Mast
	1404	LÅNGALMA	601613.6N 0182825.7E	348	366	F R	Mast
	3918	GUDINGE	603127.4N 0180043.8E	696	705	F R/FLG W	Mast, Note:Support cables within radius 300 m.
	5091	FORSMARK	602410.8N 0181034.3E (*)	328	338	F R	Chimney
	11063	FLOTTSKÅR	602905.3N 0180147.6E (*)	394	427	F R	Mast
	11938	HALLSTAVIK	600459.4N 0183359.0E (*)	607	699	FLG R	Wind turbine
	11939	HALLSTAVIK	600448.5N 0183416.0E (*)	607	699	FLG R	Wind turbine
	11940	HALLSTAVIK	600427.1N 0183322.8E (*)	607	709	FLG R	Wind turbine
	11941	HALLSTAVIK	600418.0N 0183342.5E (*)	607	705	FLG R	Wind turbine
	11942	HALLSTAVIK	600350.6N 0183355.8E (*)	607	689	FLG R	Wind turbine
	11943	HALLSTAVIK	600520.9N 0183258.6E (*)	607	696	FLG R	Wind turbine
	11944	HALLSTAVIK	600522.2N 0183325.1E (*)	607	696	FLG R	Wind turbine
	11945	HALLSTAVIK	600517.9N 0183409.9E (*)	607	673	FLG R	Wind turbine
	11946	HALLSTAVIK	600504.9N 0183234.4E (*)	607	689	FLG R	Wind turbine
	11947	HALLSTAVIK	600454.2N 0183316.7E (*)	607	709	FLG R	Wind turbine
	11948	HALLSTAVIK	600525.0N 0183212.4E (*)	607	653	FLG W	Wind turbine
	11949	HALLSTAVIK	600531.5N 0183400.3E (*)	607	682	FLG W	Wind turbine
	11950	HALLSTAVIK	600510.1N 0183202.2E (*)	607	659	FLG W	Wind turbine
	11951	HALLSTAVIK	600426.2N 0183246.9E (*)	607	692	FLG W	Wind turbine
11952	HALLSTAVIK	600431.0N 0183428.8E (*)	607	692	FLG W	Wind turbine	
11953	HALLSTAVIK	600357.5N 0183321.8E (*)	607	699	FLG W	Wind turbine	
11954	HALLSTAVIK	600357.5N 0183426.8E (*)	607	692	FLG W	Wind turbine	
12377	FORSMARK	602429.8N 0180952.5E (*)	335	358	F R	Mast	
61N 13E	407	TRANSTRAND	610307.9N 0131812.2E	361	2295	F R	Mast
	10046	BOSSSEL-ANDERSKITT	611245.6N 0135053.5E (*)	410	2467	FLG R	Wind turbine
	10047	BOSSSEL-ANDERSKITT	611231.3N 0135041.3E (*)	410	2500	FLG R	Wind turbine
	10048	BOSSSEL-ANDERSKITT	611233.1N 0135104.0E (*)	410	2480	FLG R	Wind turbine
	10049	BOSSSEL-ANDERSKITT	611223.8N 0135120.2E (*)	410	2464	FLG R	Wind turbine
	10050	BOSSSEL-ANDERSKITT	611214.8N 0135139.1E (*)	410	2415	FLG R	Wind turbine
	14516	ÅNDBERGET	614746.6N 0135812.3E	591	2728	FLG W	Wind turbine
	14517	ÅNDBERGET	614734.2N 0135836.3E	591	2785	FLG W	Wind turbine
	14518	ÅNDBERGET	614721.4N 0135901.2E	591	2702	F R	Wind turbine
	14519	ÅNDBERGET	614659.3N 0135739.0E	591	2867	F R	Wind turbine
	14520	ÅNDBERGET	614645.8N 0135806.7E	591	2795	FLG W	Wind turbine
	14521	ÅNDBERGET	614630.9N 0135851.2E	591	2936	F R	Wind turbine
	14522	ÅNDBERGET	614640.2N 0135933.6E	591	2726	F R	Wind turbine
	14523	ÅNDBERGET	614617.1N 0135915.2E	591	2851	FLG W	Wind turbine
	14524	ÅNDBERGET	614630.0N 0135623.1E	591	2749	F R	Wind turbine
	14525	ÅNDBERGET	614621.4N 0135700.9E	591	2838	FLG W	Wind turbine
	14526	ÅNDBERGET	614618.3N 0135748.2E	591	2838	FLG W	Wind turbine
	14527	ÅNDBERGET	614602.9N 0135829.0E	591	2867	F R	Wind turbine
	14528	ÅNDBERGET	614600.4N 0135627.6E	591	2776	FLG W	Wind turbine
	14529	ÅNDBERGET	614603.6N 0135716.5E	591	2887	F R	Wind turbine
	14530	ÅNDBERGET	614552.1N 0135748.5E	591	3038	F R	Wind turbine
14531	ÅNDBERGET	614543.6N 0135829.8E	591	2953	FLG W	Wind turbine	
14532	ÅNDBERGET	614541.3N 0135705.1E	591	2861	F R	Wind turbine	
14533	ÅNDBERGET	614530.5N 0135751.4E	591	3048	F R	Wind turbine	
14534	ÅNDBERGET	614526.1N 0135838.2E	591	2851	FLG W	Wind turbine	
14535	ÅNDBERGET	614507.4N 0135621.2E	591	2792	FLG W	Wind turbine	

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	14536	ÅNDBERGET	614509.4N 0135722.4E	591	2848	F R	Wind turbine
	14537	ÅNDBERGET	614459.4N 0135743.8E	591	2910	F R	Wind turbine
	14538	ÅNDBERGET	614448.1N 0135840.9E	591	2923	FLG W	Wind turbine
	14539	ÅNDBERGET	614443.1N 0135701.2E	591	2969	F R	Wind turbine
	14540	ÅNDBERGET	614441.4N 0135754.8E	591	3081	F R	Wind turbine
	14541	ÅNDBERGET	614419.4N 0135806.2E	591	2933	F R	Wind turbine
	14542	ÅNDBERGET	614413.7N 0135844.1E	591	2743	F R	Wind turbine
	14543	ÅNDBERGET	614359.0N 0135454.8E	591	2782	F R	Wind turbine
	14544	ÅNDBERGET	614357.6N 0135543.8E	591	2730	F R	Wind turbine
	14545	ÅNDBERGET	614340.0N 0135501.5E	591	2736	F R	Wind turbine
	14546	ÅNDBERGET	614339.8N 0135558.5E	591	2795	F R	Wind turbine
	14548	ÅNDBERGET	614322.7N 0135518.7E	591	2785	F R	Wind turbine
	14549	ÅNDBERGET	614316.6N 0135726.2E	591	2851	F R	Wind turbine
	14550	ÅNDBERGET	614304.8N 0135531.1E	591	2854	F R	Wind turbine
	14551	ÅNDBERGET	614304.2N 0135645.1E	591	2936	F R	Wind turbine
	14552	ÅNDBERGET	614257.6N 0135726.7E	591	2949	FLG W	Wind turbine
	14553	ÅNDBERGET	614303.3N 0135932.6E	591	2841	FLG W	Wind turbine
	14554	ÅNDBERGET	614244.9N 0135623.7E	591	3045	F R	Wind turbine
	14555	ÅNDBERGET	614243.3N 0135751.5E	591	3012	F R	Wind turbine
	14556	ÅNDBERGET	614241.6N 0135832.5E	591	2930	FLG W	Wind turbine
	14557	ÅNDBERGET	614243.6N 0135957.8E	591	2943	F R	Wind turbine
	14560	ÅNDBERGET	614233.1N 0135653.7E	591	3041	F R	Wind turbine
	14561	ÅNDBERGET	614223.8N 0135723.9E	591	3002	F R	Wind turbine
	14562	ÅNDBERGET	614227.0N 0135807.4E	591	3110	FLG W	Wind turbine
	14564	ÅNDBERGET	614207.7N 0135950.6E	591	2956	F R	Wind turbine
	14567	ÅNDBERGET	614153.5N 0135917.3E	591	2963	FLG W	Wind turbine
	14568	ÅNDBERGET	614133.5N 0135920.0E	591	2858	FLG W	Wind turbine
61N 14E	409	MORA/ELDRIS	610101.5N 0141743.7E	1063	2817	FLG W	Mast
	410	SVEG/BRICKAN	615524.8N 0141844.4E	1060	3374	F R/FLG W	Mast
	412	KRÄCKELBÄCKEN	612934.0N 0141229.0E	335	2667	F R	Mast
	8663	BRICKAN	615520.1N 0141825.9E (*)	410	2690	F R	Wind turbine
	11553	SKAFTÅSEN	614534.3N 0142722.4E (*)	459	2608	F R	Mast
	11919	BÖSJÖVARDEN	611907.4N 0142004.1E (*)	492	2625	FLG R	Wind turbine
	11920	BÖSJÖVARDEN	611852.6N 0141947.9E (*)	492	2730	FLG R	Wind turbine
	11921	BÖSJÖVARDEN	611855.1N 0141914.8E (*)	492	2644	FLG R	Wind turbine
	11923	BÖSJÖVARDEN	611827.2N 0141904.3E (*)	492	2575	FLG R	Wind turbine
	11924	BÖSJÖVARDEN	611817.1N 0141930.4E (*)	492	2575	FLG R	Wind turbine
	11925	BÖSJÖVARDEN	611831.9N 0141957.5E (*)	492	2621	FLG R	Wind turbine
	11926	BÖSJÖVARDEN	611756.7N 0141922.3E (*)	492	2520	FLG R	Wind turbine
	11927	BÖSJÖVARDEN	611803.4N 0142003.7E (*)	492	2520	FLG R	Wind turbine
	12090	MÄSSINGBERGET	611935.3N 0143714.7E (*)	476	2356	FLG R	Wind turbine
	12091	MÄSSINGBERGET	611931.8N 0143632.3E (*)	476	2316	FLG R	Wind turbine
	12092	MÄSSINGBERGET	611920.4N 0143653.9E (*)	476	2395	F R	Wind turbine
	12093	MÄSSINGBERGET	611911.0N 0143716.6E (*)	476	2329	FLG R	Wind turbine
	12094	MÄSSINGBERGET	611853.9N 0143714.9E (*)	476	2320	FLG R	Wind turbine
	12095	MÄSSINGBERGET	611902.6N 0143640.0E (*)	476	2375	FLG R	Wind turbine
	12096	MÄSSINGBERGET	611914.2N 0143605.4E (*)	476	2372	F R	Wind turbine
	12097	MÄSSINGBERGET	611924.2N 0143537.2E (*)	476	2349	FLG R	Wind turbine
	12098	MÄSSINGBERGET	611917.0N 0143507.5E (*)	476	2323	FLG R	Wind turbine
	12099	MÄSSINGBERGET	611901.7N 0143510.6E (*)	476	2320	FLG R	Wind turbine
	12100	MÄSSINGBERGET	611856.5N 0143559.0E (*)	476	2329	FLG R	Wind turbine
	14547	ÅNDBERGET	614337.2N 0140014.9E	591	2595	FLG W	Wind turbine
	14558	ÅNDBERGET	614255.6N 0140040.0E	591	2812	F R	Wind turbine
	14559	ÅNDBERGET	614243.7N 0140103.1E	591	2940	F R	Wind turbine
	14563	ÅNDBERGET	614225.7N 0140111.9E	591	2808	F R	Wind turbine
	14565	ÅNDBERGET	614203.8N 0140027.9E	591	2861	F R	Wind turbine
	14566	ÅNDBERGET	614208.0N 0140105.5E	591	2812	F R	Wind turbine
	14776	SKAFTÅSEN	614733.2N 0142840.2E	591	2307	FLG W	Wind turbine
	14777	SKAFTÅSEN	614715.1N 0142856.2E	591	2300	FLG W	Wind turbine
	14778	SKAFTÅSEN	614657.5N 0142614.1E	591	2494	FLG W	Wind turbine
	14779	SKAFTÅSEN	614653.3N 0142649.9E	591	2532	F R	Wind turbine
	14780	SKAFTÅSEN	614653.0N 0142729.5E	591	2463	F R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	14781	SKAFTÅSEN	614555.9N 0142610.5E	591	2470	FLG W	Wind turbine
	14782	SKAFTÅSEN	614604.1N 0142647.9E	591	2483	F R	Wind turbine
	14783	SKAFTÅSEN	614543.3N 0142626.7E	591	2611	F R	Wind turbine
	14784	SKAFTÅSEN	614539.4N 0142657.2E	591	2711	F R	Wind turbine
	14785	SKAFTÅSEN	614532.0N 0142745.8E	591	2802	F R	Wind turbine
	14786	SKAFTÅSEN	614548.5N 0142736.0E	591	2705	F R	Wind turbine
	14787	SKAFTÅSEN	614606.4N 0142730.7E	591	2506	F R	Wind turbine
	14788	SKAFTÅSEN	614603.3N 0142819.6E	591	2612	F R	Wind turbine
	14789	SKAFTÅSEN	614601.4N 0142915.7E	591	2578	F R	Wind turbine
	14790	SKAFTÅSEN	614601.0N 0142949.7E	591	2616	FLG W	Wind turbine
	14791	SKAFTÅSEN	614534.1N 0142817.7E	591	2744	F R	Wind turbine
	14792	SKAFTÅSEN	614524.3N 0142912.1E	591	2722	FLG W	Wind turbine
	14793	SKAFTÅSEN	614512.7N 0142812.7E	591	2727	F R	Wind turbine
	14794	SKAFTÅSEN	614503.7N 0142845.0E	591	2627	F R	Wind turbine
	14795	SKAFTÅSEN	614437.1N 0142823.0E	591	2743	F R	Wind turbine
	14796	SKAFTÅSEN	614438.8N 0142854.1E	591	2772	F R	Wind turbine
	14797	SKAFTÅSEN	614419.7N 0142828.6E	591	2677	F R	Wind turbine
	14798	SKAFTÅSEN	614408.3N 0142904.3E	591	2750	F R	Wind turbine
	14799	SKAFTÅSEN	614415.4N 0142737.9E	591	2636	F R	Wind turbine
	14800	SKAFTÅSEN	614408.8N 0142659.3E	591	2583	FLG W	Wind turbine
	14801	SKAFTÅSEN	614350.1N 0142709.4E	591	2614	F R	Wind turbine
	14802	SKAFTÅSEN	614345.4N 0142749.4E	591	2806	F R	Wind turbine
	14803	SKAFTÅSEN	614342.3N 0142823.0E	591	2784	FLG W	Wind turbine
	14804	SKAFTÅSEN	614355.0N 0142936.4E	591	2671	F R	Wind turbine
	14805	SKAFTÅSEN	614351.3N 0143027.1E	591	2659	FLG W	Wind turbine
	14806	SKAFTÅSEN	614306.2N 0142414.8E	591	2541	FLG W	Wind turbine
	14807	SKAFTÅSEN	614310.0N 0142459.0E	591	2588	F R	Wind turbine
	14808	SKAFTÅSEN	614310.0N 0142536.8E	591	2673	F R	Wind turbine
	14809	SKAFTÅSEN	614226.6N 0142448.8E	591	2523	FLG W	Wind turbine
	14810	SKAFTÅSEN	614237.6N 0142533.8E	591	2529	FLG W	Wind turbine
61N 15E	1029	GAMMELMORSBERGET	615119.0N 0151306.9E	338	2082	F R	Mast
	9184	STORBERGET	611108.1N 0152253.0E (*)	410	1972	FLG R	Wind turbine
	9185	STORBERGET	611055.0N 0152253.4E (*)	410	1952	F R	Wind turbine
	9186	STORBERGET	611044.9N 0152310.8E (*)	410	2034	F R	Wind turbine
	9187	STORBERGET	611036.4N 0152341.2E (*)	410	1936	FLG R	Wind turbine
	9188	STORBERGET	611049.6N 0152415.9E (*)	459	1886	F R	Wind turbine
	9189	STORBERGET	611037.3N 0152423.5E (*)	410	1824	FLG R	Wind turbine
	9190	STORBERGET	611020.7N 0152243.4E (*)	410	1969	F R	Wind turbine
	9191	STORBERGET	611010.3N 0152256.7E (*)	410	1919	F R	Wind turbine
	9192	STORBERGET	611004.7N 0152316.6E (*)	410	1969	FLG R	Wind turbine
	10105	STORBERGET	611014.6N 0152322.6E (*)	492	1985	FLG R	Wind turbine
	10106	STORBERGET	611030.7N 0152303.3E (*)	492	2034	F R	Wind turbine
	10107	STORBERGET	611058.1N 0152320.0E (*)	492	1975	FLG R	Wind turbine
	10108	STORBERGET	611103.9N 0152149.6E (*)	492	1909	FLG R	Wind turbine
	10109	STORBERGET	611050.9N 0152213.2E (*)	492	2018	FLG R	Wind turbine
	10110	STORBERGET	611028.2N 0152221.2E (*)	492	1985	FLG R	Wind turbine
	11435	LÅNGBERGET	615214.6N 0150952.5E (*)	459	2165	F R	Mast
	11479	SVARTVALLSBERGET	614335.1N 0155916.0E (*)	456	1683	FLG R	Wind turbine
	11480	SVARTVALLSBERGET	614345.1N 0155932.7E (*)	456	1594	FLG R	Wind turbine
	11481	SVARTVALLSBERGET	614413.2N 0155725.1E (*)	456	1690	FLG R	Wind turbine
	11482	SVARTVALLSBERGET	614415.2N 0155755.4E (*)	456	1683	FLG R	Wind turbine
	11483	SVARTVALLSBERGET	614401.1N 0155741.4E (*)	456	1762	FLG R	Wind turbine
	11484	SVARTVALLSBERGET	614354.1N 0155712.5E (*)	456	1660	F R	Wind turbine
	11485	SVARTVALLSBERGET	614344.9N 0155741.2E (*)	456	1696	F R	Wind turbine
	11486	SVARTVALLSBERGET	614331.6N 0155720.5E (*)	456	1703	F R	Wind turbine
	11487	SVARTVALLSBERGET	614318.7N 0155733.8E (*)	456	1759	F R	Wind turbine
	11488	SVARTVALLSBERGET	614353.0N 0155809.1E (*)	456	1703	F R	Wind turbine
	12643	FLACKÅSEN	615551.7N 0151001.6E (*)	476	2169	F R	Mast
	13102	KORSKROGEN	614404.9N 0153520.1E (*)	673	1942	FLG W	Wind turbine
	13103	KORSKROGEN	614339.8N 0153440.6E (*)	673	2034	FLG W	Wind turbine
	13104	KORSKROGEN	614332.8N 0153519.5E (*)	673	2060	FLG W	Wind turbine
	13105	KORSKROGEN	614318.8N 0153539.6E (*)	673	2162	FLG W	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	13106	KORSKROGEN	614301.6N 0153551.1E (*)	673	2178	FLG W	Wind turbine
	13107	KORSKROGEN	614245.0N 0153613.4E (*)	673	2234	FLG W	Wind turbine
	13108	KORSKROGEN	614334.2N 0153654.0E (*)	673	1923	FLG W	Wind turbine
	13109	KORSKROGEN	614320.3N 0153740.3E (*)	673	1969	FLG W	Wind turbine
	13110	KORSKROGEN	614239.6N 0153710.8E (*)	673	2136	FLG W	Wind turbine
	13111	KORSKROGEN	614254.6N 0153658.8E (*)	673	2093	FLG W	Wind turbine
	13112	KORSKROGEN	614150.9N 0153537.3E (*)	673	2103	FLG W	Wind turbine
	13113	KORSKROGEN	614157.8N 0153503.4E (*)	673	2185	FLG W	Wind turbine
	13114	KORSKROGEN	614214.7N 0153457.2E (*)	673	2188	FLG W	Wind turbine
	13115	KORSKROGEN	614235.1N 0153435.6E (*)	673	2169	FLG W	Wind turbine
	13116	KORSKROGEN	614254.2N 0153456.6E (*)	673	2129	FLG W	Wind turbine
	13117	KORSKROGEN	614240.1N 0153519.6E (*)	673	2126	FLG W	Wind turbine
	13118	KORSKROGEN	614228.8N 0153628.0E (*)	673	2113	FLG W	Wind turbine
	13119	KORSKROGEN	614215.2N 0153656.2E (*)	673	1978	FLG W	Wind turbine
	14154	LOS/KULLAS	614409.7N 0152413.2E	443	2182	F R	Mast
61N 16E	419	HUDIKSVALL	614224.8N 0165121.7E	1099	2154	FLG W	Mast
	422	BOLLNÄS/ARBRA	612900.5N 0161245.8E	1086	2456	FLG W	Mast
	9548	BLECKEBERGET	613634.3N 0160214.0E (*)	328	1736	F R	Mast
	9829	GAMMELMYRAN	613531.9N 0160627.3E (*)	394	1755	F R	Mast
	9961	GOPÅSEN	610448.1N 0162442.7E (*)	328	1417	F R	Mast
	9962	GRÖNVIKEN	610032.6N 0163632.7E (*)	328	1165	F R	Mast
	10115	FLÄSTA	612756.6N 0162827.9E (*)	492	1608	FLG R	Wind turbine
	10116	FLÄSTA	612747.1N 0162849.7E (*)	492	1585	FLG R	Wind turbine
	10117	FLÄSTA	612747.7N 0162922.6E (*)	492	1631	FLG R	Wind turbine
	10189	LÅNGBO	611100.1N 0160646.7E (*)	394	1749	F R	Mast
	10194	KLUBBÄCKEN	610252.3N 0164656.0E (*)	328	853	F R	Mast
	10206	LINGBO	610504.6N 0163354.3E (*)	328	1329	F R	Mast
	10416	VACKERDALSBEGET	610357.9N 0163414.6E (*)	476	1575	FLG R	Wind turbine
	10417	VACKERDALSBERGET	610352.9N 0163501.9E (*)	476	1549	FLG R	Wind turbine
	10418	VACKERDALSBEGET	610404.2N 0163443.5E (*)	476	1568	FLG R	Wind turbine
	11051	FALLÅSBERGET	610225.3N 0163624.3E (*)	492	1457	FLG R	Wind turbine
	11052	FALLÅSBERGET	610231.5N 0163558.9E (*)	492	1447	FLG R	Wind turbine
	11053	FALLÅSBERGET	610235.7N 0163520.9E (*)	492	1329	FLG R	Wind turbine
	11054	FALLÅSBERGET	610246.7N 0163546.3E (*)	492	1437	FLG R	Wind turbine
	11055	FALLÅSBERGET	610259.9N 0163547.7E (*)	492	1309	FLG R	Wind turbine
	11056	FALLÅSBERGET	610252.1N 0163515.4E (*)	492	1407	F R	Wind turbine
	11057	FALLÅSBERGET	610239.7N 0163453.8E (*)	492	1355	FLG R	Wind turbine
	11058	FALLÅSBERGET	610303.6N 0163453.0E (*)	492	1430	FLG R	Wind turbine
	11059	FALLÅSBERGET	610250.8N 0163433.3E (*)	492	1381	FLG R	Wind turbine
	11060	FALLÅSBERGET	610302.2N 0163420.7E (*)	492	1365	FLG R	Wind turbine
	13245	SÖDERVALLSÅSEN	613650.5N 0160315.8E (*)	492	1919	FLG R	Wind turbine
	13246	SÖDERVALLSÅSEN	613638.2N 0160306.3E (*)	492	1926	FLG R	Wind turbine
	13247	SÖDERVALLSÅSEN	613640.7N 0160408.6E (*)	492	1939	FLG R	Wind turbine
	13248	SÖDERVALLSÅSEN	613614.9N 0160408.4E (*)	492	2008	FLG R	Wind turbine
	13249	SÖDERVALLSÅSEN	613643.2N 0160446.7E (*)	492	1959	FLG R	Wind turbine
	13250	SÖDERVALLSÅSEN	613605.8N 0160427.3E (*)	492	1985	FLG R	Wind turbine
	13251	SÖDERVALLSÅSEN	613623.7N 0160445.3E (*)	492	1919	FLG R	Wind turbine
	13252	SÖDERVALLSÅSEN	613611.6N 0160450.7E (*)	492	1919	FLG R	Wind turbine
	13253	SÖDERVALLSÅSEN	613619.9N 0160509.5E (*)	492	1942	FLG R	Wind turbine
	13254	SÖDERVALLSÅSEN	613614.7N 0160538.0E (*)	492	1857	FLG R	Wind turbine
	13255	SÖDERVALLSÅSEN	613603.2N 0160608.4E (*)	492	1818	FLG R	Wind turbine
	13256	SÖDERVALLSÅSEN	613528.3N 0160421.6E (*)	492	2001	FLG R	Wind turbine
	13257	SÖDERVALLSÅSEN	613548.8N 0160604.8E (*)	492	1886	FLG R	Wind turbine
	13258	SÖDERVALLSÅSEN	613521.1N 0160500.8E (*)	492	1969	FLG R	Wind turbine
	13259	SÖDERVALLSÅSEN	613550.6N 0160645.5E (*)	492	1821	FLG R	Wind turbine
	13260	SÖDERVALLSÅSEN	613604.1N 0160726.4E (*)	492	1808	FLG R	Wind turbine
	13261	SÖDERVALLSÅSEN	613505.4N 0160612.6E (*)	492	1883	FLG R	Wind turbine
	13262	SÖDERVALLSÅSEN	613521.7N 0160606.0E (*)	492	1903	FLG R	Wind turbine
	13263	SÖDERVALLSÅSEN	613534.5N 0160640.0E (*)	492	1831	FLG R	Wind turbine
	13264	SÖDERVALLSÅSEN	613532.5N 0160723.3E (*)	492	1893	FLG R	Wind turbine
	13265	SÖDERVALLSÅSEN	613547.9N 0160753.4E (*)	492	1768	FLG R	Wind turbine
	13266	SÖDERVALLSÅSEN	613455.3N 0160524.7E (*)	492	1837	FLG R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	13267	SÖDERVALLSÅSEN	613506.1N 0160612.6E (*)	492	1890	FLG R	Wind turbine
	13268	SÖDERVALLSÅSEN	613516.4N 0160650.6E (*)	492	1795	FLG R	Wind turbine
	13269	SÖDERVALLSÅSEN	613518.1N 0160814.7E (*)	492	1798	FLG R	Wind turbine
	13270	SÖDERVALLSÅSEN	613509.5N 0160953.6E (*)	492	1709	FLG R	Wind turbine
	13271	SÖDERVALLSÅSEN	613504.2N 0161016.5E (*)	492	1722	FLG R	Wind turbine
	13272	SÖDERVALLSÅSEN	613451.3N 0161016.4E (*)	492	1745	FLG R	Wind turbine
	13273	SÖDERVALLSÅSEN	613435.2N 0160516.7E (*)	492	2054	FLG R	Wind turbine
	13274	SÖDERVALLSÅSEN	613432.0N 0160443.9E (*)	492	1985	FLG R	Wind turbine
	13275	SÖDERVALLSÅSEN	613424.9N 0160501.7E (*)	492	2077	FLG R	Wind turbine
	13276	SÖDERVALLSÅSEN	613418.4N 0160527.4E (*)	492	2011	FLG R	Wind turbine
	13277	SÖDERVALLSÅSEN	613433.2N 0160602.8E (*)	492	1909	FLG R	Wind turbine
	13278	SÖDERVALLSÅSEN	613409.2N 0160658.1E (*)	492	1909	FLG R	Wind turbine
	13279	SÖDERVALLSÅSEN	613403.9N 0160719.7E (*)	492	1837	FLG R	Wind turbine
	13280	SÖDERVALLSÅSEN	613340.7N 0160727.6E (*)	492	1804	FLG R	Wind turbine
	13281	SÖDERVALLSÅSEN	613334.1N 0160804.1E (*)	492	1824	FLG R	Wind turbine
	13747	TÖNSEN	610834.3N 0162732.7E (*)	591	1716	FLG W	Wind turbine
	13748	TÖNSEN	610823.8N 0162806.7E (*)	591	1650	F R	Wind turbine
	13749	TÖNSEN	610819.8N 0162842.3E (*)	591	1640	F R	Wind turbine
	13750	TÖNSEN	610853.4N 0162837.7E (*)	591	1677	FLG W	Wind turbine
	13751	TÖNSEN	610833.8N 0162912.2E (*)	591	1657	F R	Wind turbine
	13752	TÖNSEN	610804.9N 0162913.5E (*)	591	1667	F R	Wind turbine
	13753	TÖNSEN	610828.7N 0163002.8E (*)	591	1663	FLG W	Wind turbine
	13754	TÖNSEN	610809.2N 0163011.0E (*)	591	1693	FLG W	Wind turbine
	13755	TÖNSEN	610725.9N 0162722.4E (*)	591	1673	FLG W	Wind turbine
	13756	TÖNSEN	610712.7N 0162750.4E (*)	591	1640	F R	Wind turbine
	13757	TÖNSEN	610659.6N 0162826.2E (*)	591	1726	F R	Wind turbine
	13758	TÖNSEN	610647.8N 0162852.4E (*)	591	1690	F R	Wind turbine
	13759	TÖNSEN	610709.3N 0162917.2E (*)	591	1709	F R	Wind turbine
	13760	TÖNSEN	610649.2N 0162935.8E (*)	591	1713	F R	Wind turbine
	13761	TÖNSEN	610636.0N 0163014.0E (*)	591	1654	F R	Wind turbine
	13762	TÖNSEN	610655.1N 0163020.1E (*)	591	1631	F R	Wind turbine
	13763	TÖNSEN	610646.9N 0163056.3E (*)	591	1631	F R	Wind turbine
	13764	TÖNSEN	610629.1N 0163104.5E (*)	591	1696	F R	Wind turbine
	13765	TÖNSEN	610627.1N 0163141.8E (*)	591	1752	FLG W	Wind turbine
	13766	TÖNSEN	610628.8N 0162909.4E (*)	591	1631	FLG W	Wind turbine
	13767	TÖNSEN	610605.0N 0163043.8E (*)	591	1594	F R	Wind turbine
	13768	TÖNSEN	610559.1N 0163121.7E (*)	591	1581	F R	Wind turbine
	13769	TÖNSEN	610542.2N 0163205.0E (*)	591	1650	FLG W	Wind turbine
	13770	TÖNSEN	610610.8N 0163231.3E (*)	591	1716	F R	Wind turbine
	13771	TÖNSEN	610554.7N 0163254.6E (*)	591	1709	F R	Wind turbine
	13772	TÖNSEN	610614.9N 0163316.2E (*)	591	1631	FLG W	Wind turbine
	13773	TÖNSEN	610600.5N 0163436.6E (*)	591	1722	FLG W	Wind turbine
	13774	ÅMOT	610514.8N 0162333.8E (*)	591	1696	FLG W	Wind turbine
	13775	ÅMOT	610511.8N 0162414.5E (*)	591	1778	F R	Wind turbine
	13776	ÅMOT	610459.8N 0162452.0E (*)	591	1706	F R	Wind turbine
	13777	ÅMOT	610454.3N 0162533.1E (*)	591	1637	FLG W	Wind turbine
	13778	ÅMOT	610447.2N 0162729.8E (*)	591	1634	FLG W	Wind turbine
	13779	ÅMOT	610429.3N 0162751.8E (*)	591	1624	F R	Wind turbine
	13780	ÅMOT	610439.5N 0162650.0E (*)	591	1614	F R	Wind turbine
	13781	ÅMOT	610400.1N 0162756.7E (*)	591	1558	F R	Wind turbine
	13782	ÅMOT	610443.8N 0162929.2E (*)	591	1608	FLG W	Wind turbine
	13783	ÅMOT	610422.9N 0162930.5E (*)	591	1709	F R	Wind turbine
	13784	ÅMOT	610434.5N 0162849.8E (*)	591	1663	F R	Wind turbine
	13785	ÅMOT	610450.4N 0162821.9E (*)	591	1627	F R	Wind turbine
	13786	ÅMOT	610409.4N 0162840.8E (*)	591	1604	F R	Wind turbine
	13787	ÅMOT	610453.6N 0162409.5E (*)	591	1716	F R	Wind turbine
	13788	ÅMOT	610423.6N 0162430.4E (*)	591	1657	FLG W	Wind turbine
	13789	ÅMOT	610414.9N 0162537.8E (*)	591	1640	F R	Wind turbine
	13790	ÅMOT	610410.3N 0162621.5E (*)	591	1617	F R	Wind turbine
	13791	ÅMOT	610347.4N 0162447.6E (*)	591	1627	FLG W	Wind turbine
	13792	ÅMOT	610333.5N 0162529.6E (*)	591	1555	F R	Wind turbine
	13793	ÅMOT	610254.8N 0162518.2E (*)	591	1722	FLG W	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	13794	ÅMOT	610230.6N 0162549.8E (*)	591	1690	F R	Wind turbine
	13795	ÅMOT	610217.6N 0162512.5E (*)	591	1624	F R	Wind turbine
	13796	ÅMOT	610151.5N 0162517.7E (*)	591	1617	FLG W	Wind turbine
	13797	ÅMOT	610141.5N 0162658.1E (*)	591	1627	FLG W	Wind turbine
	13798	ÅMOT	610148.3N 0162617.2E (*)	591	1696	F R	Wind turbine
	13799	ÅMOT	610218.6N 0162625.6E (*)	591	1719	F R	Wind turbine
	13800	ÅMOT	610207.1N 0162549.3E (*)	591	1696	F R	Wind turbine
	13801	ÅMOT	610244.0N 0162629.3E (*)	591	1637	F R	Wind turbine
	13802	ÅMOT	610230.9N 0162800.4E (*)	591	1621	F R	Wind turbine
	13803	ÅMOT	610212.5N 0162815.8E (*)	591	1634	F R	Wind turbine
	13804	ÅMOT	610230.1N 0162852.4E (*)	591	1598	F R	Wind turbine
	13805	ÅMOT	610203.1N 0162855.2E (*)	591	1535	FLG W	Wind turbine
	13806	ÅMOT	610240.1N 0162932.7E (*)	591	1591	F R	Wind turbine
	13807	ÅMOT	610211.8N 0162935.8E (*)	591	1558	F R	Wind turbine
	13808	ÅMOT	610230.8N 0163010.6E (*)	591	1562	F R	Wind turbine
	13809	ÅMOT	610210.1N 0163023.7E (*)	591	1545	F R	Wind turbine
	13810	ÅMOT	610153.0N 0163042.3E (*)	591	1522	F R	Wind turbine
	13811	ÅMOT	610159.6N 0163120.4E (*)	591	1522	F R	Wind turbine
	13812	ÅMOT	610149.7N 0163224.8E (*)	591	1535	F R	Wind turbine
	13813	ÅMOT	610135.1N 0163115.9E (*)	591	1516	FLG W	Wind turbine
	13814	ÅMOT	610305.0N 0163040.0E (*)	591	1539	FLG W	Wind turbine
	13815	ÅMOT	610243.7N 0163111.3E (*)	591	1519	F R	Wind turbine
	13816	ÅMOT	610234.9N 0163152.1E (*)	591	1490	F R	Wind turbine
	13817	ÅMOT	610225.5N 0163241.4E (*)	591	1631	FLG W	Wind turbine
	13818	ÅMOT	610111.4N 0163154.9E (*)	591	1516	F R	Wind turbine
	13819	ÅMOT	610054.7N 0163225.3E (*)	591	1447	FLG W	Wind turbine
	13820	ÅMOT	610134.0N 0163246.6E (*)	591	1562	F R	Wind turbine
	13821	ÅMOT	610115.3N 0163236.7E (*)	591	1562	F R	Wind turbine
	13822	ÅMOT	610118.3N 0163340.5E (*)	591	1437	FLG W	Wind turbine
	13823	ÅMOT	610058.4N 0163336.0E (*)	591	1414	F R	Wind turbine
	13824	ÅMOT	610039.9N 0163547.9E (*)	591	1545	FLG W	Wind turbine
	13825	ÅMOT	610047.0N 0163652.2E (*)	591	1499	F R	Wind turbine
	13826	ÅMOT	610030.6N 0163720.7E (*)	591	1381	F R	Wind turbine
	13827	ÅMOT	610028.3N 0163634.6E (*)	591	1407	F R	Wind turbine
	13828	ÅMOT	610013.1N 0163704.6E (*)	591	1362	FLG W	Wind turbine
	13829	ÅMOT	610105.5N 0163718.1E (*)	591	1385	FLG W	Wind turbine
	13830	ÅMOT	610047.6N 0163738.3E (*)	591	1427	F R	Wind turbine
	13831	ÅMOT	610025.7N 0163800.9E (*)	591	1273	FLG W	Wind turbine
61N 17E	428	IGGESUND/BRUKET	613821.8N 0170549.2E	400	407	F R	Chimney
	1025	SÖDERHAMN/MALA	611935.9N 0170612.0E	456	573	FLG W	Mast
	9142	STORSAND	614558.4N 0171846.6E (*)	410	604	FLG R	Wind turbine
	9143	STORSAND	614600.6N 0171914.6E (*)	410	636	FLG R	Wind turbine
	9144	STORSAND	614604.3N 0171940.5E (*)	410	656	FLG R	Wind turbine
	9145	STORSAND	614607.0N 0172000.1E (*)	410	646	FLG R	Wind turbine
	9146	STORSAND	614609.0N 0172025.0E (*)	410	607	FLG R	Wind turbine
	10766	GODDAGSMYRAN	610729.1N 0170330.3E (*)	492	627	F R	Mast
	10767	STRANDFÄBODARNA	610429.2N 0170200.8E (*)	492	722	F R	Mast
	11117	ILSBO	614934.6N 0170514.7E (*)	394	837	F R	Mast
62N 12E	429	FUNÄSDALEN/FUNÄSDALSBERGET	623317.1N 0123221.6E	348	3424	F R	Mast
	11661	TROLLKÄRINGVALLEN	622310.6N 0125205.3E (*)	410	3163	FLG W	Wind turbine
	11662	TROLLKÄRINGVALLEN	622258.2N 0125203.5E (*)	410	3140	FLG W	Wind turbine
	11663	TROLLKÄRINGVALLEN	622241.5N 0125236.5E (*)	410	3117	FLG W	Wind turbine
	11664	TROLLKÄRINGVALLEN	622249.7N 0125259.1E (*)	410	3150	FLG W	Wind turbine
	11665	TROLLKÄRINGVALLEN	622305.1N 0125256.0E (*)	410	3071	FLG W	Wind turbine
62N 13E	1284	LÄNGÅKNÄTTEN	622601.9N 0131344.2E	338	2754	F R	Mast
	7609	LÄNGÅVALEN	622759.7N 0131711.8E (*)	397	3156	F R	Wind turbine
	7610	LÄNGÅVALEN	622810.8N 0131641.8E (*)	397	3182	F R	Wind turbine
	7611	LÄNGÅVALEN	622759.6N 0131646.2E (*)	397	3153	F R	Wind turbine
	7612	LÄNGÅVALEN	622818.6N 0131656.3E (*)	397	3189	F R	Wind turbine
	7613	LÄNGÅVALEN	622827.7N 0131647.4E (*)	397	3114	F R	Wind turbine
	9526	LÄNGÅVÅLEN	622749.5N 0131655.6E (*)	456	3199	F R	Wind turbine
	9527	LÄNGÅVÅLEN	622746.0N 0131719.1E (*)	456	3202	F R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	11826	GLÖTESVÅLEN	620842.0N 0133242.8E (*)	410	3543	FLG R	Wind turbine
	11827	GLÖTESVÅLEN	620852.8N 0133255.0E (*)	410	3586	FLG R	Wind turbine
	11828	GLÖTESVÅLEN	620901.4N 0133310.7E (*)	410	3560	FLG R	Wind turbine
	11829	GLÖTESVÅLEN	620911.0N 0133324.3E (*)	410	3615	FLG R	Wind turbine
	11830	GLÖTESVÅLEN	620919.1N 0133341.4E (*)	410	3602	FLG R	Wind turbine
	11831	GLÖTESVÅLEN	620925.7N 0133401.1E (*)	410	3573	FLG R	Wind turbine
	11832	GLÖTESVÅLEN	620838.5N 0133308.6E (*)	410	3560	FLG R	Wind turbine
	11833	GLÖTESVÅLEN	620847.8N 0133322.7E (*)	410	3596	F R	Wind turbine
	11834	GLÖTESVÅLEN	620902.1N 0133347.9E (*)	410	3625	F R	Wind turbine
	11835	GLÖTESVÅLEN	620913.6N 0133408.4E (*)	410	3619	FLG R	Wind turbine
	11836	GLÖTESVÅLEN	620835.0N 0133338.0E (*)	410	3632	FLG R	Wind turbine
	11837	GLÖTESVÅLEN	620849.1N 0133346.3E (*)	410	3652	F R	Wind turbine
	11838	GLÖTESVÅLEN	620859.1N 0133414.2E (*)	410	3632	F R	Wind turbine
	11839	GLÖTESVÅLEN	620906.2N 0133433.7E (*)	410	3599	FLG R	Wind turbine
	11840	GLÖTESVÅLEN	620834.3N 0133403.8E (*)	410	3711	F R	Wind turbine
	11841	GLÖTESVÅLEN	620845.6N 0133412.5E (*)	410	3645	F R	Wind turbine
	11842	GLÖTESVÅLEN	620852.2N 0133440.9E (*)	410	3589	F R	Wind turbine
	11843	GLÖTESVÅLEN	620857.4N 0133508.6E (*)	410	3599	FLG R	Wind turbine
	11844	GLÖTESVÅLEN	620820.7N 0133412.7E (*)	410	3704	FLG R	Wind turbine
	11845	GLÖTESVÅLEN	620828.6N 0133430.1E (*)	410	3655	F R	Wind turbine
	11846	GLÖTESVÅLEN	620843.3N 0133504.9E (*)	410	3553	F R	Wind turbine
	11847	GLÖTESVÅLEN	620845.8N 0133527.7E (*)	410	3530	FLG R	Wind turbine
	11848	GLÖTESVÅLEN	620812.8N 0133436.9E (*)	410	3648	FLG R	Wind turbine
	11849	GLÖTESVÅLEN	620826.5N 0133455.7E (*)	410	3593	F R	Wind turbine
	11850	GLÖTESVÅLEN	620832.2N 0133523.3E (*)	410	3527	FLG R	Wind turbine
	11851	GLÖTESVÅLEN	620812.1N 0133502.0E (*)	410	3671	F R	Wind turbine
	11852	GLÖTESVÅLEN	620817.9N 0133524.2E (*)	410	3606	FLG R	Wind turbine
	11853	GLÖTESVÅLEN	620757.8N 0133508.2E (*)	410	3691	FLG R	Wind turbine
	11854	GLÖTESVÅLEN	620803.2N 0133528.0E (*)	410	3668	FLG R	Wind turbine
	11855	GLÖTESVÅLEN	620800.7N 0133554.1E (*)	410	3560	FLG R	Wind turbine
62N 14E	9593	RODOVÅLEN	622056.4N 0140618.5E (*)	456	3081	F R	Wind turbine
	9594	RODOVÅLEN	622101.1N 0140639.6E (*)	456	3081	F R	Wind turbine
	9595	RODOVÅLEN	622045.7N 0140705.4E (*)	456	3081	F R	Wind turbine
	9697	NYMYRMON/DALÅSBODARNA	624739.5N 0140615.4E (*)	328	2100	F R	Mast
	9927	SVEDJE/KOMMERBERGET	625518.4N 0141611.5E (*)	456	2310	FLG R	Wind turbine
	10753	SKÅLAN	623717.5N 0141004.0E (*)	492	2703	FLG R	Wind turbine
	10754	SKÅLAN	623715.8N 0140918.8E (*)	492	2503	FLG R	Wind turbine
	10755	SKÅLAN	623705.5N 0140945.7E (*)	492	2480	FLG R	Wind turbine
	11098	LÄNSTERHÖJDEN	623306.6N 0145653.1E (*)	394	2119	F R	Mast
	11349	RÅTAN	622716.6N 0143950.3E (*)	587	2254	FLG W	Wind turbine
	11350	RÅTAN	622738.2N 0144001.6E (*)	587	2267	FLG W	Wind turbine
	11351	RÅTAN	622721.6N 0144058.8E (*)	587	2398	FLG W	Wind turbine
	11352	RÅTAN	622705.4N 0144159.7E (*)	587	2484	FLG W	Wind turbine
	11353	RÅTAN	622726.0N 0144224.0E (*)	587	2431	FLG W	Wind turbine
	11354	RÅTAN	622658.9N 0144238.1E (*)	587	2520	FLG W	Wind turbine
	11355	RÅTAN	622711.7N 0144316.3E (*)	587	2418	FLG W	Wind turbine
	11356	RÅTAN	622706.2N 0144406.4E (*)	587	2451	FLG W	Wind turbine
	11357	RÅTAN	622722.6N 0144416.9E (*)	587	2451	FLG W	Wind turbine
	11358	RÅTAN	622744.4N 0144402.9E (*)	587	2323	FLG W	Wind turbine
	11359	RÅTAN	622754.0N 0144315.1E (*)	587	2234	FLG W	Wind turbine
	11360	RÅTAN	622554.9N 0144510.6E (*)	587	2346	FLG W	Wind turbine
	11361	RÅTAN	622536.6N 0144509.8E (*)	587	2402	FLG W	Wind turbine
	11362	RÅTAN	622543.4N 0144425.4E (*)	587	2425	FLG W	Wind turbine
	11363	RÅTAN	622603.6N 0144401.6E (*)	587	2349	FLG W	Wind turbine
	11364	RÅTAN	622553.6N 0144248.6E (*)	587	2372	FLG W	Wind turbine
	11365	RÅTAN	622532.4N 0144304.5E (*)	587	2372	FLG W	Wind turbine
	11366	RÅTAN	622539.5N 0144216.0E (*)	587	2408	FLG W	Wind turbine
	11367	RÅTAN	622535.0N 0144057.4E (*)	587	2385	FLG W	Wind turbine
	11368	RÅTAN	622549.5N 0144027.9E (*)	587	2421	FLG W	Wind turbine
	11369	RÅTAN	622533.0N 0144011.1E (*)	587	2421	FLG W	Wind turbine
	11370	RÅTAN	622511.6N 0144016.4E (*)	587	2425	FLG W	Wind turbine
	11371	RÅTAN	622604.6N 0143958.4E (*)	587	2343	FLG W	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	11372	RÄTAN	622548.1N 0143925.5E (*)	587	2418	FLG W	Wind turbine
	11373	RÄTAN	622525.3N 0143905.6E (*)	587	2316	FLG W	Wind turbine
	11374	RÄTAN	622609.1N 0143825.5E (*)	587	2290	FLG W	Wind turbine
	11656	RÄTANS-DIGERBERGET	623051.0N 0143808.8E (*)	476	2156	FLG R	Wind turbine
	11657	RÄTANS-DIGERBERGET	623038.3N 0143901.6E (*)	476	2139	FLG W	Wind turbine
	11658	RÄTANS-DIGERBERGET	623033.6N 0143849.1E (*)	476	2116	FLG W	Wind turbine
	11659	RÄTANS-DIGERBERGET	623019.2N 0143818.8E (*)	459	2110	FLG W	Wind turbine
	11660	RÄTANS-DIGERBERGET	623032.7N 0143936.0E (*)	476	2054	FLG W	Wind turbine
	13623	RÄTAN	623434.0N 0145522.6E (*)	722	2395	FLG W	Wind turbine
	13624	RÄTAN	623411.4N 0145517.0E (*)	722	2421	F R	Wind turbine
	13625	RÄTAN	623417.4N 0145600.6E (*)	722	2421	F R	Wind turbine
	13626	RÄTAN	623401.8N 0145615.2E (*)	722	2425	FLG W	Wind turbine
	13627	RÄTAN	623356.5N 0145532.0E (*)	722	2503	F R	Wind turbine
	13631	RÄTAN	623342.0N 0145511.1E (*)	722	2434	FLG W	Wind turbine
	13632	RÄTAN	623326.1N 0145528.9E (*)	722	2457	F R	Wind turbine
	13633	RÄTAN	623333.8N 0145604.3E (*)	722	2510	F R	Wind turbine
	13634	RÄTAN	623326.6N 0145641.2E (*)	722	2507	F R	Wind turbine
	13635	RÄTAN	623310.0N 0145656.8E (*)	722	2441	FLG W	Wind turbine
	13728	RÄTAN	623308.4N 0145550.2E (*)	722	2461	F R	Wind turbine
	13729	RÄTAN	623253.7N 0145531.6E (*)	722	2405	FLG W	Wind turbine
	13730	RÄTAN	623252.8N 0145619.1E (*)	722	2438	F R	Wind turbine
	13731	RÄTAN	623252.9N 0145659.2E (*)	722	2408	F R	Wind turbine
	13732	RÄTAN	623222.9N 0145611.7E (*)	722	2405	F R	Wind turbine
	13733	RÄTAN	623223.7N 0145700.0E (*)	722	2438	F R	Wind turbine
	13734	RÄTAN	623146.9N 0145724.2E (*)	722	2382	FLG W	Wind turbine
	13735	RÄTAN	623154.6N 0145639.7E (*)	722	2359	F R	Wind turbine
	13736	RÄTAN	623139.3N 0145650.7E (*)	722	2372	FLG W	Wind turbine
	13737	RÄTAN	623115.6N 0145721.6E (*)	722	2349	FLG W	Wind turbine
	13974	ALBY	623034.2N 0145957.7E (*)	722	2270	FLG W	Wind turbine
62N 15E	438	ÄNGE	623010.7N 0152240.2E	1083	2652	F R/FLG W	Mast
	10943	NORDANBERGSMYRAN	621634.2N 0155058.0E (*)	394	1932	F R	Mast
	11396	MÖRTTJÄRNBERGET	624215.4N 0155456.3E (*)	564	2192	FLG W	Wind turbine
	11397	MÖRTTJÄRNBERGET	624232.6N 0155511.0E (*)	564	2195	F R	Wind turbine
	11398	MÖRTTJÄRNBERGET	624237.1N 0155544.9E (*)	564	2211	F R	Wind turbine
	11399	MÖRTTJÄRNBERGET	624241.0N 0155619.9E (*)	564	2175	F R	Wind turbine
	11400	MÖRTTJÄRNBERGET	624302.2N 0155642.7E (*)	564	2185	F R	Wind turbine
	11401	MÖRTTJÄRNBERGET	624247.8N 0155658.7E (*)	564	2195	FLG W	Wind turbine
	11402	MÖRTTJÄRNBERGET	624252.4N 0155739.2E (*)	564	2142	F R	Wind turbine
	11403	MÖRTTJÄRNBERGET	624302.6N 0155814.9E (*)	564	2159	F R	Wind turbine
	11404	MÖRTTJÄRNBERGET	624308.8N 0155846.8E (*)	564	2228	FLG W	Wind turbine
	11405	MÖRTTJÄRNBERGET	624255.3N 0155539.3E (*)	564	2142	F R	Wind turbine
	11406	MÖRTTJÄRNBERGET	624312.1N 0155612.0E (*)	564	2172	F R	Wind turbine
	11407	MÖRTTJÄRNBERGET	624317.9N 0155650.5E (*)	564	2172	F R	Wind turbine
	11408	MÖRTTJÄRNBERGET	624315.2N 0155739.2E (*)	564	2162	F R	Wind turbine
	11409	MÖRTTJÄRNBERGET	624322.2N 0155817.4E (*)	564	2172	F R	Wind turbine
	11410	MÖRTTJÄRNBERGET	624325.7N 0155852.4E (*)	564	2228	F R	Wind turbine
	11411	MÖRTTJÄRNBERGET	624301.4N 0155434.6E (*)	564	2136	F R	Wind turbine
	11412	MÖRTTJÄRNBERGET	624312.2N 0155501.2E (*)	564	2152	F R	Wind turbine
	11413	MÖRTTJÄRNBERGET	624320.2N 0155530.9E (*)	564	2149	F R	Wind turbine
	11414	MÖRTTJÄRNBERGET	624329.8N 0155603.7E (*)	564	2096	F R	Wind turbine
	11415	MÖRTTJÄRNBERGET	624334.1N 0155646.1E (*)	564	2159	F R	Wind turbine
	11416	MÖRTTJÄRNBERGET	624330.8N 0155721.2E (*)	564	2142	F R	Wind turbine
	11417	MÖRTTJÄRNBERGET	624341.0N 0155749.0E (*)	564	2224	F R	Wind turbine
	11418	MÖRTTJÄRNBERGET	624337.9N 0155821.8E (*)	564	2251	F R	Wind turbine
	11419	MÖRTTJÄRNBERGET	624338.8N 0155913.4E (*)	564	2208	FLG W	Wind turbine
	11420	MÖRTTJÄRNBERGET	624307.6N 0155401.0E (*)	564	2116	FLG W	Wind turbine
	11421	MÖRTTJÄRNBERGET	624327.6N 0155445.5E (*)	564	2116	F R	Wind turbine
	11422	MÖRTTJÄRNBERGET	624341.3N 0155510.7E (*)	564	2126	F R	Wind turbine
	11423	MÖRTTJÄRNBERGET	624347.9N 0155541.9E (*)	564	2129	F R	Wind turbine
	11424	MÖRTTJÄRNBERGET	624349.7N 0155618.9E (*)	564	2123	F R	Wind turbine
	11425	MÖRTTJÄRNBERGET	624358.1N 0155739.9E (*)	564	2234	F R	Wind turbine
	11426	MÖRTTJÄRNBERGET	624357.2N 0155814.4E (*)	564	2241	FLG W	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
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	11427	MÖRTTJÄRNBERGET	624349.4N 0155847.1E (*)	564	2264	F R	Wind turbine
	11428	MÖRTTJÄRNBERGET	624328.3N 0155405.7E (*)	564	2087	F R	Wind turbine
	11429	MÖRTTJÄRNBERGET	624342.2N 0155427.2E (*)	564	2090	FLG W	Wind turbine
	11430	MÖRTTJÄRNBERGET	624354.9N 0155441.8E (*)	564	2064	F R	Wind turbine
	11431	MÖRTTJÄRNBERGET	624359.9N 0155516.1E (*)	564	2083	F R	Wind turbine
	11432	MÖRTTJÄRNBERGET	624406.9N 0155557.9E (*)	564	2077	FLG W	Wind turbine
	11618	ÖSTAVALL	622449.9N 0153252.3E (*)	394	1952	F R	Mast
	11619	ÖSTAVALL	622707.1N 0153109.1E (*)	394	1693	F R	Mast
	12197	STORFLÖTTEN	623031.5N 0150208.2E (*)	394	1991	F R	Mast
	12832	VÄSBERGET	620735.9N 0153146.3E (*)	568	2280	FLG W	Wind turbine
	12833	VÄSBERGET	620742.8N 0153215.8E (*)	568	2343	FLG W	Wind turbine
	12834	VÄSBERGET	620744.1N 0153213.1E (*)	568	2362	FLG W	Wind turbine
	12835	VÄSBERGET	620803.2N 0153200.6E (*)	568	2398	FLG W	Wind turbine
	12836	VÄSBERGET	620816.3N 0153133.6E (*)	568	2385	FLG W	Wind turbine
	12837	VÄSBERGET	620723.5N 0153132.8E (*)	568	2224	FLG W	Wind turbine
	12838	VÄSBERGET	620722.2N 0153208.6E (*)	568	2260	FLG W	Wind turbine
	12839	VÄSBERGET	620706.2N 0153151.5E (*)	568	2274	FLG W	Wind turbine
	13361	RIBERGET	621821.6N 0153012.4E (*)	427	1959	F R	Mast
	13362	BRÄCKE/FASIKAN	623802.6N 0153437.0E (*)	502	2192	F R	Mast
	13912	BRÄCKE	624425.9N 0153208.2E (*)	591	2241	F R	Wind turbine
	13913	BRÄCKE	624447.5N 0153143.1E (*)	591	2218	FLG W	Wind turbine
	13914	BRÄCKE	624409.9N 0153234.3E (*)	591	2310	FLG W	Wind turbine
	13915	BRÄCKE	624418.6N 0153316.1E (*)	591	2333	FLG W	Wind turbine
	13916	BRÄCKE	624401.8N 0153432.1E (*)	591	2234	FLG W	Wind turbine
	13917	BRÄCKE	624727.8N 0153108.3E (*)	591	2270	FLG W	Wind turbine
	13918	BRÄCKE	624708.7N 0153100.1E (*)	591	2264	F R	Wind turbine
	13919	BRÄCKE	624656.4N 0153216.8E (*)	591	2300	FLG W	Wind turbine
	13920	BRÄCKE	624659.7N 0153141.4E (*)	591	2329	F R	Wind turbine
	13921	BRÄCKE	624644.7N 0153119.1E (*)	591	2293	FLG W	Wind turbine
	13922	BRÄCKE	624628.0N 0153223.2E (*)	591	2349	FLG W	Wind turbine
	13966	ALBY	623057.9N 0150417.1E (*)	722	2306	FLG W	Wind turbine
	13967	ALBY	623047.0N 0150341.6E (*)	722	2365	F R	Wind turbine
	13968	ALBY	623052.2N 0150242.8E (*)	722	2349	F R	Wind turbine
	13969	ALBY	623106.8N 0150218.6E (*)	722	2375	FLG W	Wind turbine
	13970	ALBY	623115.2N 0150146.5E (*)	722	2382	F R	Wind turbine
	13971	ALBY	623116.3N 0150101.3E (*)	722	2369	FLG W	Wind turbine
	13972	ALBY	623058.1N 0150123.4E (*)	722	2343	F R	Wind turbine
	13973	ALBY	623057.1N 0150031.8E (*)	722	2365	F R	Wind turbine
	13975	ALBY	623041.0N 0150059.1E (*)	722	2375	F R	Wind turbine
	13976	ALBY	623028.6N 0150138.1E (*)	722	2382	F R	Wind turbine
	13977	ALBY	623017.5N 0150044.9E (*)	722	2382	F R	Wind turbine
	13978	ALBY	623000.3N 0150101.4E (*)	722	2326	F R	Wind turbine
	13979	ALBY	622945.4N 0150127.5E (*)	722	2372	F R	Wind turbine
	13980	ALBY	622932.4N 0150154.6E (*)	722	2402	F R	Wind turbine
	13981	ALBY	622919.2N 0150222.8E (*)	722	2434	F R	Wind turbine
	13982	ALBY	622851.7N 0150213.3E (*)	722	2434	FLG W	Wind turbine
	13983	ALBY	622905.5N 0150111.3E (*)	722	2274	FLG W	Wind turbine
	13984	ALBY	622909.9N 0150035.4E (*)	722	2264	FLG W	Wind turbine
	13985	ALBY	622955.8N 0150209.1E (*)	722	2431	F R	Wind turbine
	13986	ALBY	623019.8N 0150219.5E (*)	722	2418	F R	Wind turbine
	13987	ALBY	622956.2N 0150327.7E (*)	722	2467	F R	Wind turbine
	13988	ALBY	623001.9N 0150250.1E (*)	722	2520	F R	Wind turbine
	13989	ALBY	622950.6N 0150505.3E (*)	722	2408	F R	Wind turbine
	13990	ALBY	622953.3N 0150543.0E (*)	722	2365	FLG W	Wind turbine
	13991	ALBY	622936.2N 0150607.1E (*)	722	2323	F R	Wind turbine
	13992	ALBY	622929.0N 0150652.9E (*)	722	2290	FLG W	Wind turbine
	13993	ALBY	622905.3N 0150649.8E (*)	722	2293	F R	Wind turbine
	13994	ALBY	622842.4N 0150727.3E (*)	722	2375	FLG W	Wind turbine
	13995	ALBY	622906.0N 0150729.0E (*)	722	2208	FLG W	Wind turbine
	13996	ALBY	622838.7N 0150641.3E (*)	722	2247	FLG W	Wind turbine
	13997	ALBY	622919.6N 0150411.5E (*)	722	2477	F R	Wind turbine
	13998	ALBY	622917.6N 0150447.8E (*)	722	2477	F R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	13999	ALBY	622903.7N 0150519.3E (*)	722	2448	FLG W	Wind turbine
	14000	ALBY	622922.8N 0150539.6E (*)	722	2395	F R	Wind turbine
	14001	ALBY	622905.0N 0150558.2E (*)	722	2339	F R	Wind turbine
	14330	MÖRTTJÄRNBERGET	624407.7N 0155506.2E (*)	371	1854	F R	Mast
	14422	RAMSJÖ	621500.6N 0153628.6E	459	1765	F R	Mast
	14423	RAMSJÖ	621750.2N 0153726.4E	459	1864	F R	Mast
	15419	ÅNGE	622527.2N 0154550.0E	722	2365	FLG W	Wind turbine
	15420	ÅNGE	622508.3N 0154627.2E	722	2346	F R	Wind turbine
	15421	ÅNGE	622453.6N 0154504.7E	722	2303	FLG W	Wind turbine
	15422	ÅNGE	622428.3N 0154510.8E	722	2329	FLG W	Wind turbine
	15423	ÅNGE	622431.5N 0154423.6E	722	2244	F R	Wind turbine
	15424	ÅNGE	622443.5N 0155054.4E	722	2133	F R	Wind turbine
	15425	ÅNGE	622407.0N 0154424.6E	722	2329	F R	Wind turbine
	15426	ÅNGE	622131.8N 0154937.3E	722	2113	FLG W	Wind turbine
	15427	ÅNGE	622340.3N 0154438.0E	722	2303	F R	Wind turbine
	15428	ÅNGE	622327.5N 0154516.5E	722	2264	F R	Wind turbine
	15429	ÅNGE	622514.2N 0154528.0E	722	2231	FLG W	Wind turbine
	15430	ÅNGE	622354.9N 0154529.5E	722	2297	F R	Wind turbine
	15431	ÅNGE	622331.8N 0154807.5E	722	2188	F R	Wind turbine
	15432	ÅNGE	621927.7N 0154457.1E	722	2034	F R	Wind turbine
	15433	ÅNGE	622327.2N 0154940.3E	722	2093	F R	Wind turbine
	15434	ÅNGE	622239.8N 0154619.6E	722	2205	F R	Wind turbine
	15435	ÅNGE	622206.9N 0154624.7E	722	2241	FLG W	Wind turbine
	15436	ÅNGE	622305.3N 0154814.2E	722	2159	F R	Wind turbine
	15437	ÅNGE	622332.0N 0154619.1E	722	2247	F R	Wind turbine
	15438	ÅNGE	622142.5N 0154600.3E	722	2293	F R	Wind turbine
	15439	ÅNGE	622149.8N 0154524.2E	722	2303	F R	Wind turbine
	15440	ÅNGE	622138.6N 0154641.0E	722	2234	F R	Wind turbine
	15441	ÅNGE	622140.7N 0154727.9E	722	2274	F R	Wind turbine
	15442	ÅNGE	622151.0N 0154833.2E	722	2244	F R	Wind turbine
	15443	ÅNGE	622138.0N 0154342.7E	722	2162	F R	Wind turbine
	15444	ÅNGE	622212.6N 0154905.9E	722	2297	FLG W	Wind turbine
	15445	ÅNGE	622224.4N 0154942.5E	722	2333	F R	Wind turbine
	15446	ÅNGE	622211.9N 0155031.3E	722	2136	FLG W	Wind turbine
	15447	ÅNGE	622058.1N 0154353.5E	722	2234	F R	Wind turbine
	15448	ÅNGE	622429.8N 0155021.2E	722	2110	F R	Wind turbine
	15449	ÅNGE	622432.8N 0154607.4E	722	2221	F R	Wind turbine
	15450	ÅNGE	622004.7N 0154626.5E	722	2185	FLG W	Wind turbine
	15451	ÅNGE	621939.4N 0154703.3E	722	2244	F R	Wind turbine
	15452	ÅNGE	622406.9N 0154801.6E	722	2116	F R	Wind turbine
	15466	ÅNGE	622348.9N 0154859.3E	722	2110	F R	Wind turbine
	15467	ÅNGE	622006.9N 0154701.7E	722	2178	F R	Wind turbine
	15468	ÅNGE	622410.8N 0154951.4E	722	2047	F R	Wind turbine
	15469	ÅNGE	622001.8N 0154456.2E	722	2129	F R	Wind turbine
	15470	ÅNGE	622018.2N 0154406.7E	722	2221	FLG W	Wind turbine
	15471	ÅNGE	622044.8N 0154313.6E	722	2195	F R	Wind turbine
	15472	ÅNGE	622038.9N 0154547.6E	722	2185	F R	Wind turbine
	15473	ÅNGE	622040.0N 0154504.6E	722	2205	F R	Wind turbine
	15474	ÅNGE	621936.8N 0154612.8E	722	2146	FLG W	Wind turbine
	15475	ÅNGE	622530.4N 0154624.9E	722	2287	F R	Wind turbine
	15476	ÅNGE	622001.5N 0154258.8E	722	2126	F R	Wind turbine
	15477	ÅNGE	622404.1N 0154500.1E	722	2365	F R	Wind turbine
	15478	ÅNGE	622355.1N 0154651.0E	722	2205	FLG W	Wind turbine
	15479	ÅNGE	622056.5N 0154639.7E	722	2087	F R	Wind turbine
	15480	ÅNGE	622249.1N 0154649.9E	722	2306	F R	Wind turbine
	15481	ÅNGE	622246.4N 0154809.7E	722	2198	FLG W	Wind turbine
	15482	ÅNGE	622139.9N 0154453.9E	722	2234	F R	Wind turbine
	15483	ÅNGE	622433.9N 0154645.7E	722	2142	FLG W	Wind turbine
	15484	ÅNGE	622159.4N 0154951.7E	722	2185	F R	Wind turbine
	15485	ÅNGE	622123.9N 0154734.0E	722	2244	F R	Wind turbine
	15486	ÅNGE	622207.9N 0154709.3E	722	2201	F R	Wind turbine
	15487	ÅNGE	622027.9N 0154251.5E	722	2277	F R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	15488	ÅNGE	622326.3N 0154654.7E	722	2218	FLG W	Wind turbine
	15489	ÅNGE	622008.0N 0154225.8E	722	2142	F R	Wind turbine
	15490	ÅNGE	622059.5N 0154429.0E	722	2228	F R	Wind turbine
	15491	ÅNGE	622159.9N 0154456.1E	722	2208	FLG W	Wind turbine
	15527	LJUSDAL	621624.0N 0155150.2E	722	2316	FLG W	Wind turbine
	15528	LJUSDAL	621601.8N 0155123.6E	722	2359	FLG W	Wind turbine
	15529	LJUSDAL	621555.2N 0155203.6E	722	2379	F R	Wind turbine
	15530	LJUSDAL	621556.8N 0155241.0E	722	2320	F R	Wind turbine
	15531	LJUSDAL	621557.4N 0155311.0E	722	2316	FLG W	Wind turbine
	15532	LJUSDAL	621532.8N 0155123.6E	722	2241	F R	Wind turbine
	15533	LJUSDAL	621527.5N 0155323.5E	722	2277	FLG W	Wind turbine
	15534	LJUSDAL	621514.9N 0155127.0E	722	2234	FLG W	Wind turbine
	15535	LJUSDAL	621516.2N 0155157.7E	722	2254	F R	Wind turbine
	15536	LJUSDAL	621457.2N 0155240.9E	722	2316	FLG W	Wind turbine
	15537	LJUSDAL	621501.1N 0155311.7E	722	2303	F R	Wind turbine
	15538	LJUSDAL	621459.4N 0155209.9E	722	2277	F R	Wind turbine
62N 16E	444	BISPFORS	625849.4N 0164232.1E	335	1571	F R	Mast
	9284	POPPBERGET	622103.8N 0161719.4E (*)	328	1932	FLG R	Mast
	9348	NYVALLSÅSEN	620554.1N 0165933.7E (*)	328	1460	F R	Mast
	10081	STOR-FUSKBERGET	624302.2N 0165958.3E (*)	328	1699	F R	Mast
	10262	BYXMYRAN	624243.8N 0165426.0E (*)	328	1650	F R	Mast
	10573	NILS-HANSBERGET	624820.1N 0165942.5E (*)	328	1526	F R	Mast
	10855	NYVALLSÅSEN	620601.7N 0165930.9E (*)	492	1555	FLG R	Wind turbine
	10856	NYVALLSÅSEN	620549.9N 0165934.0E (*)	492	1594	FLG R	Wind turbine
	10862	BRÄNNÅSEN	620254.3N 0165641.8E (*)	492	1490	FLG R	Wind turbine
	10863	BRÄNNÅSEN	620244.2N 0165652.8E (*)	492	1493	FLG R	Wind turbine
	10864	BRÄNNÅSEN	620251.9N 0165724.6E (*)	492	1467	FLG R	Wind turbine
	10865	BRÄNNÅSEN	620242.3N 0165741.0E (*)	492	1476	FLG R	Wind turbine
	10946	JÄRVÅSEN	621935.4N 0161208.9E (*)	394	1818	F R	Mast
	11981	NÖTÅSEN	624108.8N 0163700.2E (*)	492	1637	FLG R	Wind turbine
	11982	NÖTÅSEN	624057.0N 0163720.8E (*)	492	1634	FLG R	Wind turbine
	11983	NÖTÅSEN	624047.4N 0163750.9E (*)	492	1601	FLG R	Wind turbine
	11984	NÖTÅSEN	624041.3N 0163658.1E (*)	492	1558	FLG R	Wind turbine
	12444	LIDEN	625003.8N 0165927.8E (*)	446	1752	F R	Mast
	12446	LIDEN	624646.1N 0165824.7E (*)	446	1785	F R	Mast
	13006	LIDEN	624226.7N 0165414.2E (*)	623	1893	F R	Wind turbine
	13007	LIDEN	624241.8N 0165426.1E (*)	623	1952	F R	Wind turbine
	13008	LIDEN	624236.0N 0165326.8E (*)	623	1844	FLG W	Wind turbine
	13009	LIDEN	624249.1N 0165352.4E (*)	623	1942	F R	Wind turbine
	13010	LIDEN	624258.8N 0165325.4E (*)	623	1854	FLG W	Wind turbine
	13011	LIDEN	624228.0N 0165538.5E (*)	623	1880	F R	Wind turbine
	13012	LIDEN	624240.5N 0165604.5E (*)	623	1886	FLG W	Wind turbine
	13013	LIDEN	624219.0N 0165510.7E (*)	623	1900	F R	Wind turbine
	13014	LIDEN	624203.9N 0165537.7E (*)	623	1909	F R	Wind turbine
	13015	LIDEN	624222.8N 0165639.3E (*)	623	1955	F R	Wind turbine
	13016	LIDEN	624229.4N 0165718.7E (*)	623	1969	FLG W	Wind turbine
	13017	LIDEN	624209.7N 0165700.2E (*)	623	1965	F R	Wind turbine
	13018	LIDEN	624203.9N 0165726.6E (*)	623	1900	F R	Wind turbine
	13019	LIDEN	624152.2N 0165625.8E (*)	623	1975	F R	Wind turbine
	13020	LIDEN	624140.0N 0165653.0E (*)	623	1969	F R	Wind turbine
	13021	LIDEN	624149.1N 0165724.6E (*)	623	1936	FLG W	Wind turbine
	13022	LIDEN	624141.5N 0165553.7E (*)	623	1896	F R	Wind turbine
	13023	LIDEN	624136.7N 0165504.7E (*)	623	1919	FLG W	Wind turbine
	13024	LIDEN	624118.5N 0165545.5E (*)	623	1926	F R	Wind turbine
	13025	LIDEN	624044.0N 0165612.0E (*)	623	1870	FLG W	Wind turbine
	13026	LIDEN	624108.2N 0165621.0E (*)	623	1916	F R	Wind turbine
	13027	LIDEN	624108.7N 0165719.1E (*)	623	1919	F R	Wind turbine
	13028	LIDEN	624121.5N 0165812.9E (*)	623	1955	FLG W	Wind turbine
	13502	JÄRKVISSLE	624610.1N 0163418.2E (*)	591	2018	FLG W	Wind turbine
	13503	JÄRKVISSLE	624320.0N 0162741.8E (*)	591	1893	FLG W	Wind turbine
	13504	JÄRKVISSLE	624344.4N 0162740.5E (*)	591	1949	F R	Wind turbine
	13505	JÄRKVISSLE	624420.1N 0162910.9E (*)	591	1936	FLG W	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	13506	JÄRKVISSLE	624412.0N 0162821.8E (*)	591	1975	F R	Wind turbine
	13507	JÄRKVISSLE	624431.9N 0162827.8E (*)	591	1936	F R	Wind turbine
	13508	JÄRKVISSLE	624424.4N 0162748.1E (*)	591	1972	F R	Wind turbine
	13509	JÄRKVISSLE	624440.3N 0162742.7E (*)	591	1936	F R	Wind turbine
	13510	JÄRKVISSLE	624448.0N 0162713.0E (*)	591	1949	FLG W	Wind turbine
	13511	JÄRKVISSLE	624432.1N 0163034.7E (*)	591	1942	FLG W	Wind turbine
	13512	JÄRKVISSLE	624439.3N 0163002.8E (*)	591	2024	F R	Wind turbine
	13513	JÄRKVISSLE	624451.9N 0162942.2E (*)	591	1975	F R	Wind turbine
	13514	JÄRKVISSLE	624507.8N 0162853.2E (*)	591	2021	F R	Wind turbine
	13515	JÄRKVISSLE	624527.0N 0162852.4E (*)	591	2021	F R	Wind turbine
	13516	JÄRKVISSLE	624500.7N 0163119.6E (*)	591	2037	F R	Wind turbine
	13517	JÄRKVISSLE	624505.7N 0163046.9E (*)	591	2024	F R	Wind turbine
	13518	JÄRKVISSLE	624515.2N 0163129.8E (*)	591	2008	F R	Wind turbine
	13519	JÄRKVISSLE	624524.0N 0163058.3E (*)	591	2073	F R	Wind turbine
	13520	JÄRKVISSLE	624525.5N 0163024.0E (*)	591	2044	F R	Wind turbine
	13521	JÄRKVISSLE	624539.1N 0163010.6E (*)	591	2060	F R	Wind turbine
	13522	JÄRKVISSLE	624532.6N 0162932.5E (*)	591	2034	F R	Wind turbine
	13523	JÄRKVISSLE	624547.5N 0162929.1E (*)	591	2073	FLG W	Wind turbine
	13524	JÄRKVISSLE	624530.8N 0163200.9E (*)	591	2047	F R	Wind turbine
	13525	JÄRKVISSLE	624544.5N 0163115.9E (*)	591	2110	F R	Wind turbine
	13526	JÄRKVISSLE	624600.0N 0163053.6E (*)	591	2103	F R	Wind turbine
	13527	JÄRKVISSLE	624702.0N 0163132.2E (*)	591	2057	FLG W	Wind turbine
	13528	JÄRKVISSLE	624716.8N 0163203.4E (*)	591	1991	F R	Wind turbine
	13529	JÄRKVISSLE	624732.6N 0163147.0E (*)	591	1978	F R	Wind turbine
	13530	JÄRKVISSLE	624753.4N 0163111.5E (*)	591	2011	FLG W	Wind turbine
	13531	JÄRKVISSLE	624738.5N 0163114.3E (*)	591	1988	F R	Wind turbine
	13532	JÄRKVISSLE	624533.8N 0163348.6E (*)	591	2005	FLG W	Wind turbine
	13533	JÄRKVISSLE	624549.2N 0163331.4E (*)	591	2064	F R	Wind turbine
	13534	JÄRKVISSLE	624606.7N 0163323.6E (*)	591	2087	F R	Wind turbine
	13535	JÄRKVISSLE	624634.6N 0163412.4E (*)	591	2054	F R	Wind turbine
	13536	JÄRKVISSLE	624643.5N 0163344.0E (*)	591	2067	F R	Wind turbine
	13537	JÄRKVISSLE	624634.2N 0163309.0E (*)	591	2064	F R	Wind turbine
	13538	JÄRKVISSLE	624654.0N 0163307.9E (*)	591	2123	F R	Wind turbine
	13539	JÄRKVISSLE	624706.3N 0163326.2E (*)	591	2067	F R	Wind turbine
	13540	JÄRKVISSLE	624702.8N 0163415.1E (*)	591	2018	FLG W	Wind turbine
	13541	JÄRKVISSLE	624730.3N 0163321.5E (*)	591	2070	F R	Wind turbine
	13542	JÄRKVISSLE	624734.9N 0163359.0E (*)	591	2024	FLG W	Wind turbine
	13543	JÄRKVISSLE	624518.1N 0163338.5E (*)	591	1962	F R	Wind turbine
	13544	JÄRKVISSLE	624502.6N 0163353.4E (*)	591	1949	FLG W	Wind turbine
	13560	NEDANSJÖ	623200.4N 0164843.1E (*)	591	1827	FLG W	Wind turbine
	13561	NEDANSJÖ	623218.7N 0164851.4E (*)	591	1841	F R	Wind turbine
	13562	NEDANSJÖ	623228.4N 0164819.1E (*)	591	1844	FLG W	Wind turbine
	13563	NEDANSJÖ	623245.1N 0164804.3E (*)	591	1821	F R	Wind turbine
	13564	NEDANSJÖ	623324.7N 0164824.7E (*)	591	1837	F R	Wind turbine
	13565	NEDANSJÖ	623327.7N 0164746.7E (*)	591	1877	FLG W	Wind turbine
	13566	NEDANSJÖ	623310.0N 0164752.7E (*)	591	1903	F R	Wind turbine
	13567	NEDANSJÖ	623337.5N 0165045.4E (*)	591	1768	F R	Wind turbine
	13568	NEDANSJÖ	623358.6N 0165056.3E (*)	591	1752	FLG W	Wind turbine
	13569	NEDANSJÖ	623324.3N 0165118.9E (*)	591	1837	F R	Wind turbine
	13570	NEDANSJÖ	623308.4N 0165139.6E (*)	591	1808	F R	Wind turbine
	13571	NEDANSJÖ	623252.0N 0165158.0E (*)	591	1716	FLG W	Wind turbine
	13572	NEDANSJÖ	623228.6N 0165302.3E (*)	591	1690	F R	Wind turbine
	13573	NEDANSJÖ	623234.1N 0165346.4E (*)	591	1703	F R	Wind turbine
	13574	NEDANSJÖ	623223.6N 0165420.8E (*)	591	1699	FLG W	Wind turbine
	13575	NEDANSJÖ	623204.0N 0165231.6E (*)	591	1762	FLG W	Wind turbine
	13576	NEDANSJÖ	623150.8N 0165302.7E (*)	591	1706	F R	Wind turbine
	13577	NEDANSJÖ	623131.3N 0165319.5E (*)	591	1683	FLG W	Wind turbine
	15606	KLEVBERGET	622725.0N 0160643.7E	656	1873	FLG W	Wind turbine
	15607	KLEVBERGET	622657.2N 0160654.2E	656	2113	F R	Wind turbine
	15608	KLEVBERGET	622610.4N 0160621.5E	656	2024	FLG W	Wind turbine
	15609	KLEVBERGET	622547.2N 0160626.2E	656	2008	F R	Wind turbine
	15610	KLEVBERGET	622622.6N 0160746.5E	656	2110	F R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	15611	KLEVBBERGET	622604.4N 0160732.7E	656	2083	F R	Wind turbine
	15612	KLEVBBERGET	622649.1N 0160728.2E	656	2110	F R	Wind turbine
	15613	KLEVBBERGET	622707.9N 0160754.6E	656	2192	F R	Wind turbine
	15614	KLEVBBERGET	622647.0N 0160826.0E	656	2028	FLG W	Wind turbine
	15615	KLEVBBERGET	622707.6N 0160848.9E	656	2083	F R	Wind turbine
	15616	KLEVBBERGET	622656.0N 0160921.2E	656	2001	FLG W	Wind turbine
	15617	KLEVBBERGET	622605.5N 0160934.1E	656	1978	FLG W	Wind turbine
	15618	KLEVBBERGET	622623.0N 0161017.1E	656	1883	FLG W	Wind turbine
	15619	KLEVBBERGET	622544.2N 0160953.4E	656	2011	FLG W	Wind turbine
	15620	KLEVBBERGET	622556.2N 0160829.1E	656	2080	F R	Wind turbine
	15621	KLEVBBERGET	622530.9N 0160808.3E	656	2070	FLG W	Wind turbine
	15622	KLEVBBERGET	622511.7N 0160756.0E	656	2126	FLG W	Wind turbine
	15623	KLEVBBERGET	622505.8N 0160644.1E	656	1991	F R	Wind turbine
	15624	KLEVBBERGET	622448.5N 0160656.7E	656	2031	FLG W	Wind turbine
	15625	KLEVBBERGET	622450.6N 0160750.3E	656	2057	FLG W	Wind turbine
	15626	KLEVBBERGET	622406.9N 0160743.6E	656	2005	FLG W	Wind turbine
	15627	KLEVBBERGET	622339.0N 0160802.4E	656	2008	FLG W	Wind turbine
	15628	KLEVBBERGET	622333.1N 0160703.1E	656	2034	F R	Wind turbine
	15629	KLEVBBERGET	622311.6N 0160701.5E	656	1978	FLG W	Wind turbine
	15711	TIMRÅ	624336.8N 0165943.8E	656	1795	F R	Wind turbine
	15712	TIMRÅ	624349.3N 0165837.9E	656	1923	FLG W	Wind turbine
	15713	TIMRÅ	624319.7N 0165930.9E	656	1972	F R	Wind turbine
	15714	TIMRÅ	624322.0N 0165823.5E	656	1988	FLG W	Wind turbine
	15716	TIMRÅ	624256.7N 0165928.3E	656	1988	FLG W	Wind turbine
	15730	TIMRÅ	624600.0N 0165938.2E	656	1903	FLG W	Wind turbine
	15731	TIMRÅ	624621.8N 0165854.4E	656	1900	F R	Wind turbine
	15732	TIMRÅ	624635.8N 0165809.6E	656	1972	FLG W	Wind turbine
	15733	TIMRÅ	624623.3N 0165941.5E	682	1903	F R	Wind turbine
	15735	TIMRÅ	624659.0N 0165958.2E	682	1909	F R	Wind turbine
	15736	TIMRÅ	624716.5N 0165912.9E	656	1883	FLG W	Wind turbine
	15737	TIMRÅ	624833.6N 0165958.4E	656	1896	FLG W	Wind turbine
	15746	TIMRÅ	624936.2N 0165944.8E	682	1870	FLG W	Wind turbine
	15747	TIMRÅ	624956.0N 0165939.2E	682	1985	F R	Wind turbine
	15748	TIMRÅ	625013.3N 0165940.4E	682	2008	F R	Wind turbine
62N 17E	460	SUNDSVALL/S STADSBERGET	622203.1N 0171903.6E	709	1480	F R/FLG W	Mast
	461	HÄRNÖSAND/HÄRNÖN	623631.9N 0175742.2E	354	886	F R	Mast
	462	KRAMFORS/LUGNVIK	625629.6N 0175656.8E	463	1376	F R	Mast
	468	MATFORS	621725.3N 0170204.4E	338	782	F R	Mast
	661	SUNDSVALL/KORSTA	622412.9N 0172326.3E	328	377	F R	Chimney
	1340	TIMRÅ/SODAHUSSKORSTEN	622827.3N 0171945.3E (*)	377	404	-	Chimney
	1607	TIMRÅ/MEDSBRÄNNERIET	622825.5N 0171946.5E	328	346	F R	Chimney
	3351	VEDA	624737.3N 0175553.4E	620	620	F R/FLG W	Tower
	3352	VEDA	624808.6N 0175643.9E	620	620	F R/FLG W	Tower
	5095	SUNDSVALL/TIMRÅ	622828.4N 0171951.4E (*)	328	354	-	Chimney
	5096	SUNDSVALL/TIMRÅ	622827.7N 0171944.5E (*)	377	404	F R	Chimney
	9433	ÅSTÖN	622518.6N 0174238.6E (*)	328	427	F R	Mast
	9699	UTANSJÖ	624500.4N 0175225.3E (*)	410	1158	FLG R	Wind turbine
	9700	UTANSJÖ	624451.8N 0175246.8E (*)	410	1214	FLG R	Wind turbine
	9701	UTANSJÖ	624443.4N 0175306.1E (*)	410	1188	FLG R	Wind turbine
	9702	UTANSJÖ	624503.6N 0175336.5E (*)	410	1066	FLG R	Wind turbine
	9703	UTANSJÖ	624448.0N 0175208.5E (*)	410	1106	FLG R	Wind turbine
	10249	STORMON	624619.9N 0174527.9E (*)	335	1322	F R	Mast
	10606	VITBERGET	625859.2N 0172611.1E (*)	328	1745	F R	Mast
	10650	HÄRNÖSAND	623624.3N 0175841.1E (*)	492	932	FLG R	Wind turbine
	10651	HÄRNÖSAND	623618.8N 0175748.3E (*)	427	892	FLG R	Wind turbine
	10874	MÖRKÅSEN	620500.3N 0170206.5E (*)	492	1506	FLG R	Wind turbine
	10875	MÖRKÅSEN	620507.9N 0170233.4E (*)	492	1562	FLG R	Wind turbine
	10876	MÖRKÅSEN	620517.8N 0170258.6E (*)	492	1594	FLG R	Wind turbine
	11186	MJÖVATTNET	625621.8N 0173220.6E (*)	394	1588	F R	Mast
	11702	BJÖRNLANDSHÖJDEN	625156.0N 0172836.7E (*)	394	1814	F R	Mast
	11857	STORLIDBERGET	625739.3N 0171242.0E (*)	394	1673	F R	Mast
	12445	SLÄTTMON	624507.4N 0170433.5E (*)	446	1660	F R	Mast

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	12594	BJÄRTRÅ	625925.1N 0175559.8E (*)	492	1339	FLG R	Wind turbine
	12595	BJÄRTRÅ	625912.1N 0175547.4E (*)	492	1414	FLG R	Wind turbine
	12596	BJÄRTRÅ	625901.5N 0175536.6E (*)	492	1391	FLG R	Wind turbine
	12597	BJÄRTRÅ	625850.0N 0175535.8E (*)	492	1440	FLG R	Wind turbine
	12598	BJÄRTRÅ	625844.0N 0175615.6E (*)	492	1467	FLG R	Wind turbine
	12599	BJÄRTRÅ	625854.4N 0175611.4E (*)	492	1430	FLG R	Wind turbine
	12644	FURUHULT	624611.2N 0174642.9E (*)	492	1401	FLG R	Wind turbine
	12645	FURUHULT	624614.2N 0174538.8E (*)	492	1476	FLG R	Wind turbine
	12646	FURUHULT	624613.2N 0174501.9E (*)	492	1457	FLG R	Wind turbine
	12647	FURUHULT	624629.3N 0174432.9E (*)	492	1434	FLG R	Wind turbine
	12648	FURUHULT	624614.4N 0174414.8E (*)	492	1421	FLG R	Wind turbine
	13883	HÄRNÖSAND	623521.9N 0175009.3E (*)	591	1214	FLG W	Wind turbine
	13884	HÄRNÖSAND	623525.6N 0175046.6E (*)	591	1145	FLG W	Wind turbine
	14148	VIKSJÖ/LUTMYRAN	625139.0N 0172812.0E	410	1699	F R	Mast
	14150	LAXSJÖN	625303.0N 0171100.0E	476	1627	F R	Mast
	14152	LAXSJÖN	625328.0N 0171138.0E	476	1637	F R	Mast
	14241	VIKSJÖ/EKSJÖN	624615.0N 0171736.0E	476	1578	F R	Mast
	14331	VIKSJÖ/EKSJÖN	624605.1N 0171748.7E	722	1804	FLG W	Wind turbine
	14332	VIKSJÖ/EKSJÖN	624615.8N 0171826.3E	722	1824	F R	Wind turbine
	14333	VIKSJÖ/EKSJÖN	624628.3N 0171901.2E	722	1903	F R	Wind turbine
	14334	VIKSJÖ/EKSJÖN	624636.1N 0171956.6E	722	1821	FLG W	Wind turbine
	14335	VIKSJÖ/EKSJÖN	624640.5N 0171752.0E	722	1952	FLG W	Wind turbine
	14336	VIKSJÖ/EKSJÖN	624650.2N 0171845.0E	722	1965	F R	Wind turbine
	14337	VIKSJÖ/EKSJÖN	624657.8N 0171934.2E	722	1919	F R	Wind turbine
	14338	VIKSJÖ/EKSJÖN	624700.6N 0172032.4E	722	1841	F R	Wind turbine
	14339	VIKSJÖ/EKSJÖN	624711.8N 0171841.6E	722	1864	F R	Wind turbine
	14340	VIKSJÖ/EKSJÖN	624721.1N 0172049.4E	722	1906	FLG W	Wind turbine
	14341	VIKSJÖ/EKSJÖN	624725.2N 0171954.5E	722	1995	F R	Wind turbine
	14342	VIKSJÖ/EKSJÖN	624730.6N 0171900.4E	722	1752	F R	Wind turbine
	14343	LAXSJÖN	624826.1N 0171609.5E	722	1909	FLG W	Wind turbine
	14344	LAXSJÖN	624839.6N 0171657.3E	722	1870	F R	Wind turbine
	14345	LAXSJÖN	624847.2N 0171603.7E	722	2001	F R	Wind turbine
	14346	LAXSJÖN	624854.0N 0171726.1E	722	1860	F R	Wind turbine
	14347	LAXSJÖN	624901.1N 0171514.3E	722	2001	F R	Wind turbine
	14348	LAXSJÖN	624902.2N 0171623.0E	656	1969	F R	Wind turbine
	14349	LAXSJÖN	624901.0N 0171824.2E	722	1972	FLG W	Wind turbine
	14350	LAXSJÖN	624909.5N 0171305.5E	722	2001	FLG W	Wind turbine
	14351	LAXSJÖN	624916.8N 0171135.1E	722	1791	FLG W	Wind turbine
	14352	LAXSJÖN	624912.4N 0171701.1E	722	2005	F R	Wind turbine
	14353	LAXSJÖN	624924.0N 0171211.8E	722	2005	F R	Wind turbine
	14354	LAXSJÖN	624923.7N 0171334.8E	722	2001	F R	Wind turbine
	14355	LAXSJÖN	624922.4N 0171512.9E	656	1995	F R	Wind turbine
	14356	LAXSJÖN	624923.4N 0171608.4E	656	2001	F R	Wind turbine
	14357	LAXSJÖN	624924.4N 0171757.1E	656	1995	F R	Wind turbine
	14358	LAXSJÖN	624928.4N 0171845.9E	722	1906	FLG W	Wind turbine
	14359	LAXSJÖN	624935.5N 0171248.2E	610	1988	F R	Wind turbine
	14360	LAXSJÖN	624943.5N 0171137.5E	722	2001	F R	Wind turbine
	14361	LAXSJÖN	624943.4N 0171339.4E	722	2005	F R	Wind turbine
	14362	LAXSJÖN	624942.8N 0171618.4E	656	2001	F R	Wind turbine
	14363	LAXSJÖN	624949.6N 0171425.8E	722	1988	F R	Wind turbine
	14364	LAXSJÖN	624954.2N 0171242.8E	610	1991	F R	Wind turbine
	14365	LAXSJÖN	624950.9N 0171737.6E	656	2005	F R	Wind turbine
	14366	LAXSJÖN	625005.1N 0171154.0E	722	2001	FLG W	Wind turbine
	14367	LAXSJÖN	625004.4N 0171337.0E	722	2001	F R	Wind turbine
	14368	LAXSJÖN	625004.1N 0171556.3E	656	2005	F R	Wind turbine
	14369	LAXSJÖN	625008.5N 0171640.8E	656	1988	F R	Wind turbine
	14370	LAXSJÖN	625022.4N 0171352.5E	722	1998	F R	Wind turbine
	14371	LAXSJÖN	625024.2N 0171259.8E	610	1926	F R	Wind turbine
	14372	LAXSJÖN	625023.1N 0171450.4E	722	1959	FLG W	Wind turbine
	14373	LAXSJÖN	625026.7N 0171205.0E	656	2001	F R	Wind turbine
	14374	LAXSJÖN	625045.6N 0171313.3E	656	2005	F R	Wind turbine
	14375	LAXSJÖN	625047.4N 0171214.2E	722	2001	F R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	14376	LAXSJÖN	625100.2N 0171341.7E	656	2001	F R	Wind turbine
	14377	LAXSJÖN	625058.4N 0171546.3E	656	2001	F R	Wind turbine
	14378	LAXSJÖN	625108.6N 0171211.2E	656	2001	F R	Wind turbine
	14379	LAXSJÖN	625107.0N 0171641.5E	656	1998	FLG W	Wind turbine
	14380	LAXSJÖN	625114.9N 0171300.3E	610	2008	F R	Wind turbine
	14381	LAXSJÖN	625120.4N 0171344.3E	656	1998	F R	Wind turbine
	14382	LAXSJÖN	625122.3N 0171542.1E	656	2001	F R	Wind turbine
	14383	LAXSJÖN	625130.6N 0171149.9E	656	2008	F R	Wind turbine
	14384	LAXSJÖN	625132.2N 0171232.3E	610	1972	F R	Wind turbine
	14385	LAXSJÖN	625131.6N 0171622.4E	656	2005	F R	Wind turbine
	14386	LAXSJÖN	625138.6N 0171356.1E	722	1998	F R	Wind turbine
	14387	LAXSJÖN	625144.4N 0171300.7E	656	2001	F R	Wind turbine
	14388	LAXSJÖN	625146.7N 0171520.7E	722	1995	F R	Wind turbine
	14389	LAXSJÖN	625149.8N 0171206.4E	656	1998	F R	Wind turbine
	14390	LAXSJÖN	625152.1N 0171113.9E	722	2005	FLG W	Wind turbine
	14391	LAXSJÖN	625147.8N 0171645.1E	722	1841	FLG W	Wind turbine
	14392	LAXSJÖN	625204.1N 0171350.7E	722	1919	F R	Wind turbine
	14393	LAXSJÖN	625211.7N 0171237.0E	722	2001	F R	Wind turbine
	14394	LAXSJÖN	625220.1N 0171123.6E	722	1952	F R	Wind turbine
	14395	LAXSJÖN	625223.0N 0171314.9E	656	1969	F R	Wind turbine
	14396	LAXSJÖN	625223.6N 0171409.5E	722	1939	FLG W	Wind turbine
	14397	LAXSJÖN	625234.3N 0171149.9E	722	1886	F R	Wind turbine
	14398	LAXSJÖN	625240.5N 0171231.9E	722	2001	F R	Wind turbine
	14399	LAXSJÖN	625242.6N 0171320.8E	722	1982	F R	Wind turbine
	14400	LAXSJÖN	625253.1N 0171112.5E	722	1893	FLG W	Wind turbine
	14401	LAXSJÖN	625259.7N 0171158.5E	722	1939	F R	Wind turbine
	14402	LAXSJÖN	625311.2N 0171309.6E	722	1864	FLG W	Wind turbine
	14403	LAXSJÖN	625320.6N 0171157.4E	722	1873	FLG W	Wind turbine
	14689	BJÖRNLANDHÖJDEN	624858.8N 0173017.1E	720	1763	F R	Wind turbine
	14690	BJÖRNLANDHÖJDEN	624920.5N 0173040.7E	720	1767	F R	Wind turbine
	14710	BJÖRNLANDHÖJDEN	624928.2N 0172936.1E	720	1996	F R	Wind turbine
	14711	BJÖRNLANDHÖJDEN	624940.4N 0173009.7E	720	1872	F R	Wind turbine
	14712	BJÖRNLANDHÖJDEN	624958.8N 0173206.3E	720	1727	F R	Wind turbine
	14713	BJÖRNLANDHÖJDEN	625002.2N 0172907.2E	720	1993	F R	Wind turbine
	14714	BJÖRNLANDHÖJDEN	624958.2N 0173336.6E	720	1770	F R	Wind turbine
	14715	BJÖRNLANDHÖJDEN	625007.9N 0172948.0E	720	1911	F R	Wind turbine
	14716	BJÖRNLANDHÖJDEN	625011.7N 0172812.1E	720	1865	F R	Wind turbine
	14717	BJÖRNLANDHÖJDEN	625009.0N 0173243.2E	720	1901	F R	Wind turbine
	14718	BJÖRNLANDHÖJDEN	625011.9N 0173548.4E	720	1675	F R	Wind turbine
	14719	BJÖRNLANDHÖJDEN	625011.1N 0173113.9E	720	1882	F R	Wind turbine
	14720	BJÖRNLANDHÖJDEN	625012.4N 0173032.9E	655	1845	F R	Wind turbine
	14721	BJÖRNLANDHÖJDEN	625021.2N 0172858.0E	720	1996	F R	Wind turbine
	14722	BJÖRNLANDHÖJDEN	625017.6N 0173405.2E	720	1790	F R	Wind turbine
	14723	BJÖRNLANDHÖJDEN	625013.1N 0173458.3E	720	1695	F R	Wind turbine
	14724	BJÖRNLANDHÖJDEN	625028.1N 0172953.4E	720	1983	F R	Wind turbine
	14725	BJÖRNLANDHÖJDEN	625034.0N 0172740.7E	720	1868	F R	Wind turbine
	14726	BJÖRNLANDHÖJDEN	625033.3N 0173034.8E	720	2000	F R	Wind turbine
	14727	BJÖRNLANDHÖJDEN	625031.3N 0173242.5E	720	1964	F R	Wind turbine
	14728	BJÖRNLANDHÖJDEN	625038.8N 0172910.2E	655	1990	F R	Wind turbine
	14729	BJÖRNLANDHÖJDEN	625037.5N 0173144.1E	720	1882	F R	Wind turbine
	14730	BJÖRNLANDHÖJDEN	625037.2N 0173339.2E	720	1806	F R	Wind turbine
	14731	BJÖRNLANDHÖJDEN	625036.2N 0173438.4E	720	1678	F R	Wind turbine
	14732	BJÖRNLANDHÖJDEN	625042.8N 0172817.6E	720	1980	F R	Wind turbine
	14733	BJÖRNLANDHÖJDEN	625044.3N 0172943.0E	655	1990	F R	Wind turbine
	14734	BJÖRNLANDHÖJDEN	625050.6N 0173250.0E	720	1967	F R	Wind turbine
	14735	BJÖRNLANDHÖJDEN	625055.2N 0173026.8E	655	1914	F R	Wind turbine
	14736	BJÖRNLANDHÖJDEN	625055.2N 0173331.4E	720	1740	F R	Wind turbine
	14737	BJÖRNLANDHÖJDEN	625058.0N 0173133.5E	720	1931	F R	Wind turbine
	14738	BJÖRNLANDHÖJDEN	625103.1N 0172809.0E	720	1993	F R	Wind turbine
	14739	BJÖRNLANDHÖJDEN	625113.1N 0172903.4E	609	2003	F R	Wind turbine
	14740	BJÖRNLANDHÖJDEN	625110.4N 0173240.2E	720	1780	F R	Wind turbine
	14741	BJÖRNLANDHÖJDEN	625115.4N 0172942.4E	655	1990	F R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	14742	BJÖRNLANDHÖJDEN	625119.3N 0173032.6E	720	1914	F R	Wind turbine
	14743	BJÖRNLANDHÖJDEN	625119.3N 0173135.2E	720	1895	F R	Wind turbine
	14744	BJÖRNLANDHÖJDEN	625127.7N 0172813.8E	655	1957	F R	Wind turbine
	14745	BJÖRNLANDHÖJDEN	625135.0N 0172941.6E	655	1996	F R	Wind turbine
	14746	BJÖRNLANDHÖJDEN	625138.9N 0173218.0E	720	1819	F R	Wind turbine
	14747	BJÖRNLANDHÖJDEN	625144.1N 0173045.9E	720	1996	F R	Wind turbine
	14748	BJÖRNLANDHÖJDEN	625151.2N 0173126.2E	720	1921	F R	Wind turbine
	15715	TIMRÅ	624308.7N 0170028.4E	656	1985	FLG W	Wind turbine
	15717	TIMRÅ	624457.4N 0170130.2E	656	1713	FLG W	Wind turbine
	15718	TIMRÅ	624447.6N 0170245.7E	656	1814	F R	Wind turbine
	15719	TIMRÅ	624504.6N 0170248.3E	656	1923	F R	Wind turbine
	15720	TIMRÅ	624419.8N 0170417.8E	656	1785	FLG W	Wind turbine
	15721	TIMRÅ	624340.7N 0170516.7E	656	1893	FLG W	Wind turbine
	15722	TIMRÅ	624456.0N 0170352.5E	656	1870	F R	Wind turbine
	15723	TIMRÅ	624507.4N 0170622.5E	682	1906	FLG W	Wind turbine
	15724	TIMRÅ	624500.2N 0170527.9E	682	1903	F R	Wind turbine
	15725	TIMRÅ	624444.5N 0170601.6E	682	1896	FLG W	Wind turbine
	15726	TIMRÅ	624531.2N 0170502.6E	682	1877	FLG W	Wind turbine
	15727	TIMRÅ	624554.6N 0170345.5E	682	1880	FLG W	Wind turbine
	15728	TIMRÅ	624547.2N 0170308.4E	682	1955	F R	Wind turbine
	15729	TIMRÅ	624529.5N 0170344.7E	682	1955	F R	Wind turbine
	15734	TIMRÅ	624636.4N 0170006.6E	682	1860	F R	Wind turbine
	15738	TIMRÅ	624805.6N 0170018.5E	656	1896	F R	Wind turbine
	15739	TIMRÅ	624740.0N 0170024.7E	682	1857	F R	Wind turbine
	15740	TIMRÅ	624713.2N 0170104.0E	682	1827	F R	Wind turbine
	15741	TIMRÅ	624650.7N 0170135.7E	682	1854	F R	Wind turbine
	15742	TIMRÅ	624803.7N 0170239.0E	656	1909	FLG W	Wind turbine
	15743	TIMRÅ	624739.6N 0170344.4E	656	1969	FLG W	Wind turbine
	15744	TIMRÅ	625004.0N 0170138.2E	656	1985	FLG W	Wind turbine
	15745	TIMRÅ	625020.0N 0170154.8E	656	1919	FLG W	Wind turbine
	15749	TIMRÅ	625029.0N 0170000.8E	682	1972	FLG W	Wind turbine
	15750	TIMRÅ	624953.5N 0170036.2E	682	1988	F R	Wind turbine
	15751	TIMRÅ	625012.2N 0170045.6E	682	2103	F R	Wind turbine
	15752	TIMRÅ	625029.5N 0170056.4E	682	2005	F R	Wind turbine
62N 18E	469	MJÄLLOM	625908.5N 0182334.3E	348	1249	F R	Mast
	901	RINGKALLEN	625300.6N 0181907.6E	344	1227	F R	Mast
	10572	HEMSÖN	624351.6N 0180251.7E (*)	328	1033	F R	Mast
63N 13E	11174	STORBACKEN	634505.8N 0133511.8E	410	2713	FLG R	Wind turbine
	11175	STORBACKEN	634510.3N 0133529.6E	410	2680	FLG R	Wind turbine
	11176	STORBACKEN	634521.7N 0133548.0E	410	2602	FLG R	Wind turbine
	11177	STORBACKEN	634520.5N 0133507.3E	410	2677	FLG R	Wind turbine
	11178	STORBACKEN	634534.3N 0133450.4E	410	2621	FLG R	Wind turbine
	11179	STORBACKEN	634545.6N 0133425.8E	410	2697	FLG R	Wind turbine
	11180	STORBACKEN	634552.0N 0133446.1E	410	2795	FLG R	Wind turbine
	11181	STORBACKEN	634553.1N 0133510.9E	410	2900	FLG R	Wind turbine
	11182	STORBACKEN	634540.6N 0133510.8E	410	2782	FLG R	Wind turbine
	11183	STORBACKEN	634544.2N 0133540.7E	410	2730	FLG R	Wind turbine
	11184	STORBACKEN	634551.8N 0133558.5E	410	2746	FLG R	Wind turbine
	11185	STORBACKEN	634559.1N 0133608.6E	410	2726	FLG R	Wind turbine
63N 14E	480	ÖSTERSUND/BRATTÅSEN	630642.5N 0143600.0E	1083	2577	F R/FLG W	Mast
	6982	RÅSHÖN	632913.9N 0140642.9E (*)	394	2369	F R	Wind turbine
	6983	RÅSHÖN	632920.2N 0140653.2E (*)	394	2480	F R	Wind turbine
	6984	RÅSHÖN	632926.0N 0140704.5E (*)	394	2441	F R	Wind turbine
	6985	RÅSHÖN	632904.3N 0140728.6E (*)	394	2425	F R	Wind turbine
	6986	RÅSHÖN	632911.1N 0140738.6E (*)	394	2464	F R	Wind turbine
	6987	RÅSHÖN	632921.5N 0140747.7E (*)	394	2418	F R	Wind turbine
	6988	RÅSHÖN	632928.4N 0140758.5E (*)	394	2395	F R	Wind turbine
	9590	SVARTBODHÖN	632939.5N 0140834.4E (*)	410	2444	F R	Wind turbine
	9633	MUNKFLOHÖGEN	633258.5N 0145717.8E (*)	410	2090	F R	Mast
	10512	RAFTSJÖHÖJDEN	633534.8N 0145954.8E (*)	492	2034	FLG R	Wind turbine
	10513	RAFTSJÖHÖJDEN	633548.9N 0145952.6E (*)	492	2047	FLG R	Wind turbine
	10514	RAFTSJÖHÖJDEN	633526.4N 0145931.9E (*)	492	2018	FLG R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
63N 15E	10515	RAFTSJÖHÖJDEN	633541.0N 0145930.0E (*)	492	2080	FLG R	Wind turbine
	12570	FÖLLINGE	633808.6N 0143014.3E (*)	394	1893	F R	Mast
	13301	MUNKFLOHÖGEN	633253.1N 0145759.1E (*)	591	2251	FLG W	Wind turbine
	13302	MUNKFLOHÖGEN	633251.0N 0145721.9E (*)	591	2290	F R	Wind turbine
	13303	MUNKFLOHÖGEN	633242.7N 0145655.3E (*)	591	2283	F R	Wind turbine
	13304	MUNKFLOHÖGEN	633229.6N 0145629.4E (*)	591	2247	F R	Wind turbine
	13305	MUNKFLOHÖGEN	633244.7N 0145620.9E (*)	591	2221	FLG W	Wind turbine
	13306	MUNKFLOHÖGEN	633223.6N 0145558.5E (*)	591	2228	FLG W	Wind turbine
	13307	MUNKFLOHÖGEN	633213.9N 0145636.0E (*)	591	2267	F R	Wind turbine
	13308	MUNKFLOHÖGEN	633219.3N 0145713.1E (*)	591	2320	F R	Wind turbine
	13309	MUNKFLOHÖGEN	633204.7N 0145746.1E (*)	591	2359	F R	Wind turbine
	13310	MUNKFLOHÖGEN	633152.6N 0145820.9E (*)	591	2349	F R	Wind turbine
	13311	MUNKFLOHÖGEN	633138.4N 0145810.7E (*)	591	2359	FLG W	Wind turbine
	13312	MUNKFLOHÖGEN	633153.7N 0145903.7E (*)	591	2283	F R	Wind turbine
	13313	MUNKFLOHÖGEN	633210.2N 0145845.4E (*)	591	2306	F R	Wind turbine
	13314	MUNKFLOHÖGEN	633225.8N 0145912.2E (*)	591	2270	F R	Wind turbine
	13315	MUNKFLOHÖGEN	633208.6N 0145942.6E (*)	591	2290	FLG W	Wind turbine
	13317	MUNKFLOHÖGEN	633218.6N 0145801.4E (*)	591	2326	F R	Wind turbine
	13318	MUNKFLOHÖGEN	633236.7N 0145744.6E (*)	591	2300	F R	Wind turbine
	13319	MUNKFLOHÖGEN	633235.4N 0145832.8E (*)	591	2287	F R	Wind turbine
	13320	MUNKFLOHÖGEN	633249.2N 0145853.9E (*)	591	2241	F R	Wind turbine
	13321	MUNKFLOHÖGEN	633257.8N 0145930.7E (*)	591	2182	FLG W	Wind turbine
	13322	MUNKFLOHÖGEN	633243.5N 0145949.2E (*)	591	2224	F R	Wind turbine
	14822	RAFTSJÖHÖJDEN	633739.9N 0145959.5E	722	2283	FLG W	Wind turbine
	14823	RAFTSJÖHÖJDEN	633724.4N 0145939.2E	722	2313	FLG W	Wind turbine
	484	STRÖMSUND	635151.6N 0153634.5E	653	1966	F R/FLG W	Mast
	737	STUGUN	631030.9N 0153511.1E	338	1577	F R	Mast
	8343	RAFTSHÖJDEN	633624.2N 0150203.0E (*)	328	2106	F R	Wind turbine
	9552	BRÄNNKULLEN	632915.3N 0155833.1E (*)	328	2001	F R	Mast
	9596	STORHÖGEN	632255.5N 0150818.7E (*)	328	1969	F R	Mast
	10296	RAFTSJÖHÖJDEN	633638.1N 0150215.3E (*)	456	2146	FLG R	Wind turbine
	10297	RAFTSJÖHÖJDEN	633631.5N 0150244.6E (*)	456	2198	FLG R	Wind turbine
	10298	RAFTSJÖHÖJDEN	633651.9N 0150229.7E (*)	456	2106	FLG R	Wind turbine
	10299	RAFTSJÖHÖJDEN	633650.4N 0150305.7E (*)	456	2113	FLG R	Wind turbine
	10300	RAFTSJÖHÖJDEN	633644.9N 0150405.7E (*)	456	2113	FLG R	Wind turbine
	10301	RAFTSJÖHÖJDEN	633646.8N 0150438.9E (*)	456	2113	FLG R	Wind turbine
	10302	NYBODARNA	632749.8N 0150858.7E (*)	328	1870	F R	Mast
	10303	FYRINGSKÄLEN	633151.7N 0150611.5E (*)	328	2057	F R	Mast
	10993	STAMÅSEN	634042.1N 0154821.1E (*)	564	1837	FLG W	Wind turbine
	10994	STAMÅSEN	634037.8N 0154749.4E (*)	564	1818	F R	Wind turbine
	10995	STAMÅSEN	634025.2N 0154745.4E (*)	564	1834	F R	Wind turbine
	10996	STAMÅSEN	634017.5N 0154717.4E (*)	564	1916	F R	Wind turbine
10997	STAMÅSEN	634013.0N 0154644.9E (*)	564	1824	FLG W	Wind turbine	
10998	STAMÅSEN	633952.9N 0154755.6E (*)	564	1959	F R	Wind turbine	
10999	STAMÅSEN	633940.3N 0154806.1E (*)	564	1998	F R	Wind turbine	
11000	STAMÅSEN	633930.1N 0154744.0E (*)	564	1952	FLG W	Wind turbine	
11001	STAMÅSEN	634003.8N 0154905.6E (*)	564	1886	FLG W	Wind turbine	
11002	STAMÅSEN	633946.9N 0154838.1E (*)	564	1949	F R	Wind turbine	
11003	STAMÅSEN	633931.3N 0154843.2E (*)	564	2014	F R	Wind turbine	
11004	STAMÅSEN	633920.0N 0154834.5E (*)	564	1972	F R	Wind turbine	
11005	STAMÅSEN	633944.2N 0154946.1E (*)	564	1906	F R	Wind turbine	
11006	STAMÅSEN	633921.8N 0154912.5E (*)	564	2018	F R	Wind turbine	
11007	STAMÅSEN	633907.8N 0154910.4E (*)	564	1988	F R	Wind turbine	
11008	STAMÅSEN	633854.8N 0154859.8E (*)	564	1909	F R	Wind turbine	
11009	STAMÅSEN	633847.1N 0154840.0E (*)	564	1959	FLG W	Wind turbine	
11010	STAMÅSEN	633942.3N 0155030.4E (*)	564	1909	F R	Wind turbine	
11011	STAMÅSEN	633930.7N 0155011.1E (*)	564	1939	F R	Wind turbine	
11012	STAMÅSEN	633917.3N 0155045.3E (*)	564	1949	F R	Wind turbine	
11013	STAMÅSEN	633929.3N 0155134.4E (*)	564	1883	FLG W	Wind turbine	
11014	STAMÅSEN	633917.1N 0155127.6E (*)	564	1913	F R	Wind turbine	
11015	STAMÅSEN	633900.3N 0155109.9E (*)	564	1978	F R	Wind turbine	
11016	STAMÅSEN	633848.4N 0155104.5E (*)	564	1982	F R	Wind turbine	

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	11017	STAMÅSEN	633835.0N 0155119.3E (*)	564	1913	F R/FLG W	Wind turbine
	11569	BODMYREN	633125.4N 0155547.9E (*)	367	1739	F R	Mast
	11595	FULLSJÖN	633015.2N 0155620.4E (*)	367	1854	F R	Mast
	11717	STAMÅSEN	633837.4N 0155159.1E (*)	568	1939	F R/FLG W	Wind turbine
	11749	ÖGONFÄGNADEN	633146.8N 0155808.8E (*)	564	1991	FLG W	Wind turbine
	11750	ÖGONFÄGNADEN	633134.2N 0155829.2E (*)	564	2054	F R	Wind turbine
	11751	ÖGONFÄGNADEN	633117.3N 0155907.3E (*)	564	2080	F R	Wind turbine
	11752	ÖGONFÄGNADEN	633058.2N 0155919.8E (*)	564	2110	F R	Wind turbine
	11753	ÖGONFÄGNADEN	633050.2N 0155948.5E (*)	564	2090	FLG W	Wind turbine
	11754	ÖGONFÄGNADEN	633119.3N 0155810.1E (*)	564	2041	F R	Wind turbine
	11755	ÖGONFÄGNADEN	633047.8N 0155900.6E (*)	564	2146	F R	Wind turbine
	11756	ÖGONFÄGNADEN	633037.9N 0155917.8E (*)	564	2119	F R	Wind turbine
	11757	ÖGONFÄGNADEN	633151.9N 0155625.0E (*)	564	1955	FLG W	Wind turbine
	11758	ÖGONFÄGNADEN	633123.8N 0155708.2E (*)	564	2064	F R	Wind turbine
	11759	ÖGONFÄGNADEN	633057.0N 0155732.7E (*)	564	2201	F R	Wind turbine
	11760	ÖGONFÄGNADEN	633122.2N 0155606.8E (*)	564	2001	FLG W	Wind turbine
	11761	ÖGONFÄGNADEN	633114.3N 0155639.0E (*)	564	2093	F R	Wind turbine
	11762	ÖGONFÄGNADEN	633058.0N 0155659.0E (*)	564	2215	F R	Wind turbine
	11763	ÖGONFÄGNADEN	633045.2N 0155718.7E (*)	564	2231	F R	Wind turbine
	11764	ÖGONFÄGNADEN	633101.9N 0155626.4E (*)	564	2126	F R	Wind turbine
	11765	ÖGONFÄGNADEN	633046.5N 0155643.5E (*)	564	2169	F R	Wind turbine
	11766	ÖGONFÄGNADEN	633029.2N 0155805.2E (*)	564	2234	F R	Wind turbine
	11767	ÖGONFÄGNADEN	633033.7N 0155845.3E (*)	564	2113	F R	Wind turbine
	11768	ÖGONFÄGNADEN	633030.0N 0155731.7E (*)	564	2267	F R	Wind turbine
	11769	ÖGONFÄGNADEN	633030.2N 0155653.5E (*)	564	2149	F R	Wind turbine
	11770	ÖGONFÄGNADEN	633012.1N 0155639.5E (*)	564	2116	F R	Wind turbine
	11771	ÖGONFÄGNADEN	632958.9N 0155658.6E (*)	564	2149	F R	Wind turbine
	11772	ÖGONFÄGNADEN	632959.4N 0155736.2E (*)	564	2136	F R	Wind turbine
	11773	ÖGONFÄGNADEN	633001.3N 0155620.0E (*)	564	2077	FLG W	Wind turbine
	11774	ÖGONFÄGNADEN	632944.7N 0155707.9E (*)	564	2116	F R	Wind turbine
	11775	ÖGONFÄGNADEN	632935.6N 0155828.3E (*)	564	2218	F R	Wind turbine
	11776	ÖGONFÄGNADEN	632932.6N 0155906.3E (*)	564	2133	F R	Wind turbine
	11777	ÖGONFÄGNADEN	632927.6N 0155938.2E (*)	564	2119	FLG W	Wind turbine
	11778	ÖGONFÄGNADEN	632929.5N 0155752.6E (*)	564	2218	F R	Wind turbine
	11779	ÖGONFÄGNADEN	632923.7N 0155836.9E (*)	564	2277	F R	Wind turbine
	11780	ÖGONFÄGNADEN	632913.1N 0155744.3E (*)	564	2198	F R	Wind turbine
	11781	ÖGONFÄGNADEN	632901.5N 0155737.1E (*)	564	2277	FLG W	Wind turbine
	12374	STAMÅSEN	633950.2N 0154739.2E (*)	394	1749	F R	Mast
	12902	KÄLARNE	630003.4N 0155429.0E (*)	328	1926	F R	Mast
	13316	MUNKFLOHÖGEN	633223.2N 0150001.3E (*)	591	2257	F R	Wind turbine
	13323	MUNKFLOHÖGEN	633236.4N 0150027.3E (*)	591	2201	FLG W	Wind turbine
	13648	HAMMERDAL	633315.1N 0150311.0E (*)	591	2087	FLG W	Wind turbine
	13649	HAMMERDAL	633302.0N 0150241.1E (*)	591	2123	F R	Wind turbine
	13650	HAMMERDAL	633300.5N 0150356.4E (*)	591	2123	F R	Wind turbine
	13651	HAMMERDAL	633244.5N 0150222.8E (*)	591	2146	FLG W	Wind turbine
	13652	HAMMERDAL	633249.6N 0150319.6E (*)	591	2188	F R	Wind turbine
	13653	HAMMERDAL	633241.9N 0150404.9E (*)	591	2165	F R	Wind turbine
	13654	HAMMERDAL	633232.4N 0150307.9E (*)	591	2178	F R	Wind turbine
	13655	HAMMERDAL	633224.1N 0150355.6E (*)	591	2188	F R	Wind turbine
	13656	HAMMERDAL	633312.3N 0150558.5E (*)	591	2083	FLG W	Wind turbine
	13657	HAMMERDAL	633256.3N 0150534.9E (*)	591	2152	F R	Wind turbine
	13658	HAMMERDAL	633256.9N 0150622.2E (*)	591	2146	F R	Wind turbine
	13659	HAMMERDAL	633236.9N 0150531.0E (*)	591	2218	F R	Wind turbine
	13660	HAMMERDAL	633238.5N 0150618.6E (*)	591	2228	F R	Wind turbine
	13661	HAMMERDAL	633219.2N 0150521.1E (*)	591	2238	F R	Wind turbine
	13662	HAMMERDAL	633217.6N 0150616.8E (*)	591	2224	F R	Wind turbine
	13663	HAMMERDAL	633202.7N 0150457.7E (*)	591	2228	F R	Wind turbine
	13664	HAMMERDAL	633201.8N 0150546.1E (*)	591	2267	F R	Wind turbine
	13665	HAMMERDAL	633151.0N 0150621.7E (*)	591	2290	F R	Wind turbine
	13666	HAMMERDAL	633147.6N 0150431.5E (*)	591	2172	FLG W	Wind turbine
	13667	HAMMERDAL	633145.2N 0150516.1E (*)	591	2274	F R	Wind turbine
	13668	HAMMERDAL	633135.1N 0150600.9E (*)	591	2231	FLG W	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	13669	HAMMERDAL	633410.6N 0151008.2E (*)	591	1972	FLG W	Wind turbine
	13670	HAMMERDAL	633353.8N 0150945.5E (*)	591	2051	F R	Wind turbine
	13671	HAMMERDAL	633356.6N 0151051.6E (*)	591	2031	F R	Wind turbine
	13672	HAMMERDAL	633336.1N 0150927.6E (*)	591	2054	F R	Wind turbine
	13673	HAMMERDAL	633340.3N 0151031.9E (*)	591	2080	F R	Wind turbine
	13674	HAMMERDAL	633335.1N 0151121.7E (*)	591	2060	FLG W	Wind turbine
	13675	HAMMERDAL	633321.9N 0150856.7E (*)	591	2057	FLG W	Wind turbine
	13676	HAMMERDAL	633324.5N 0151010.3E (*)	591	2080	F R	Wind turbine
	13677	HAMMERDAL	633303.9N 0150916.2E (*)	591	2073	F R	Wind turbine
	13678	HAMMERDAL	633248.7N 0150852.7E (*)	591	2080	F R	Wind turbine
	13679	HAMMERDAL	633154.6N 0150953.7E (*)	591	2142	F R	Wind turbine
	13680	HAMMERDAL	633139.0N 0150917.8E (*)	591	2254	F R	Wind turbine
	13681	HAMMERDAL	633126.9N 0150840.1E (*)	591	2201	F R	Wind turbine
	13682	HAMMERDAL	633108.4N 0150856.7E (*)	591	2211	FLG W	Wind turbine
	13683	HAMMERDAL	633120.9N 0150935.1E (*)	591	2293	F R	Wind turbine
	13684	HAMMERDAL	633107.2N 0151002.9E (*)	591	2188	F R	Wind turbine
	13685	HAMMERDAL	633053.6N 0150931.6E (*)	591	2172	F R	Wind turbine
	13686	HAMMERDAL	633051.7N 0151026.2E (*)	591	2133	F R	Wind turbine
	13687	HAMMERDAL	633034.3N 0151022.8E (*)	591	2110	FLG W	Wind turbine
	13688	HAMMERDAL	633052.6N 0151148.7E (*)	591	2037	F R	Wind turbine
	13689	HAMMERDAL	633208.8N 0151023.7E (*)	591	2146	F R	Wind turbine
	13690	HAMMERDAL	633223.2N 0151052.4E (*)	591	2126	F R	Wind turbine
	13691	HAMMERDAL	633234.0N 0151127.8E (*)	591	2100	F R	Wind turbine
	13692	HAMMERDAL	633242.0N 0151210.9E (*)	591	2031	F R	Wind turbine
	13693	HAMMERDAL	633204.6N 0151116.5E (*)	591	2133	F R	Wind turbine
	13694	HAMMERDAL	633152.5N 0151049.6E (*)	591	2165	F R	Wind turbine
	13695	HAMMERDAL	633143.4N 0151131.1E (*)	591	2110	F R	Wind turbine
	13696	HAMMERDAL	633126.3N 0151119.3E (*)	591	2100	F R	Wind turbine
	13697	HAMMERDAL	633110.2N 0151144.4E (*)	591	2060	F R	Wind turbine
	13698	HAMMERDAL	633157.7N 0151236.2E (*)	591	2083	F R	Wind turbine
	13699	HAMMERDAL	633213.4N 0151315.7E (*)	591	2106	F R	Wind turbine
	13700	HAMMERDAL	633222.2N 0151359.0E (*)	591	2047	FLG W	Wind turbine
	13701	HAMMERDAL	633203.5N 0151400.4E (*)	591	2080	F R	Wind turbine
	13702	HAMMERDAL	633154.9N 0151322.1E (*)	591	2146	F R	Wind turbine
	13703	HAMMERDAL	633140.4N 0151255.3E (*)	591	2136	F R	Wind turbine
	13704	HAMMERDAL	633141.5N 0151356.7E (*)	591	2133	F R	Wind turbine
	13705	HAMMERDAL	633127.4N 0151330.9E (*)	591	2087	F R	Wind turbine
	13706	HAMMERDAL	633115.0N 0151300.9E (*)	591	2070	F R	Wind turbine
	13707	HAMMERDAL	633113.2N 0151406.7E (*)	591	2021	FLG W	Wind turbine
	13708	HAMMERDAL	633100.4N 0151334.4E (*)	591	2021	FLG W	Wind turbine
	13709	HAMMERDAL	632800.5N 0150310.7E (*)	591	2093	FLG W	Wind turbine
	13710	HAMMERDAL	632741.4N 0150302.0E (*)	591	2185	F R	Wind turbine
	13711	HAMMERDAL	632745.6N 0150344.2E (*)	591	2119	F R	Wind turbine
	13712	HAMMERDAL	632723.0N 0150315.2E (*)	591	2188	FLG W	Wind turbine
	13713	HAMMERDAL	632724.2N 0150404.8E (*)	591	2123	F R	Wind turbine
	13714	HAMMERDAL	632705.7N 0150340.0E (*)	591	2126	F R	Wind turbine
	13715	HAMMERDAL	632709.1N 0150428.6E (*)	591	2110	FLG W	Wind turbine
	13716	HAMMERDAL	632646.0N 0150332.1E (*)	591	2064	FLG W	Wind turbine
	13717	HAMMERDAL	632828.9N 0150522.7E (*)	591	2182	FLG W	Wind turbine
	13718	HAMMERDAL	632819.2N 0150441.4E (*)	591	2149	F R	Wind turbine
	13719	HAMMERDAL	632809.2N 0150540.2E (*)	591	2139	F R	Wind turbine
	13720	HAMMERDAL	632747.1N 0150611.6E (*)	591	2113	FLG W	Wind turbine
	13721	HAMMERDAL	632842.4N 0150924.9E (*)	591	2142	FLG W	Wind turbine
	13722	HAMMERDAL	632824.7N 0150927.6E (*)	591	2146	F R	Wind turbine
	13723	HAMMERDAL	632814.7N 0150850.2E (*)	591	2162	F R	Wind turbine
	13724	HAMMERDAL	632805.4N 0150955.4E (*)	591	2119	F R	Wind turbine
	13725	HAMMERDAL	632757.5N 0150911.2E (*)	591	2146	F R	Wind turbine
	13726	HAMMERDAL	632746.1N 0150959.2E (*)	591	2116	FLG W	Wind turbine
	13727	HAMMERDAL	632738.4N 0150920.4E (*)	591	2100	FLG W	Wind turbine
	14212	BJÖRKVATTNET	632434.6N 0155931.2E	722	2320	F R	Wind turbine
	14213	BJÖRKVATTNET	632450.8N 0155928.5E	722	2339	FLG W	Wind turbine
	14217	BJÖRKVATTNET	632443.2N 0155901.5E	722	2300	FLG W	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	14222	BJÖRKVATTNET	632505.2N 0155912.0E	722	2316	F R	Wind turbine
	14225	BJÖRKVATTNET	632511.6N 0155956.9E	722	2329	F R	Wind turbine
	14226	BJÖRKVATTNET	632518.4N 0155911.1E	722	2323	F R	Wind turbine
	14227	BJÖRKVATTNET	632528.2N 0155952.3E	722	2369	F R	Wind turbine
	14228	BJÖRKVATTNET	632531.1N 0155906.9E	722	2356	FLG W	Wind turbine
	14232	BJÖRKVATTNET	632547.1N 0155905.1E	722	2411	F R	Wind turbine
	14233	BJÖRKVATTNET	632543.6N 0155948.6E	722	2438	FLG W	Wind turbine
	14234	BJÖRKVATTNET	632557.1N 0155957.2E	722	2425	F R	Wind turbine
	14236	BJÖRKVATTNET	632602.5N 0155837.1E	722	2349	FLG W	Wind turbine
	14237	BJÖRKVATTNET	632559.3N 0155922.2E	722	2408	F R	Wind turbine
	14238	BJÖRKVATTNET	632615.1N 0155850.3E	722	2336	FLG W	Wind turbine
	14691	HAMMERDAL	633138.0N 0150445.5E	367	1972	F R	Mast
	14818	RAFTSJÖHÖJDEN	633834.6N 0150355.3E	722	2162	FLG W	Wind turbine
	14819	RAFTSJÖHÖJDEN	633834.0N 0150313.6E	722	2247	F R	Wind turbine
	14820	RAFTSJÖHÖJDEN	633820.3N 0150235.0E	722	2270	F R	Wind turbine
	14821	RAFTSJÖHÖJDEN	633814.3N 0150152.3E	722	2238	FLG W	Wind turbine
	14824	RAFTSJÖHÖJDEN	633721.7N 0150033.9E	722	2339	F R	Wind turbine
	14825	RAFTSJÖHÖJDEN	633735.3N 0150224.3E	722	2270	F R	Wind turbine
	14826	RAFTSJÖHÖJDEN	633709.4N 0150231.0E	722	2316	F R	Wind turbine
	14827	RAFTSJÖHÖJDEN	633645.8N 0150143.6E	722	2402	FLG W	Wind turbine
	14828	RAFTSJÖHÖJDEN	633626.6N 0150407.7E	722	2352	FLG W	Wind turbine
	15630	HOCKSJÖN	632729.8N 0155843.0E	753	2410	FLG W	Wind turbine
	15631	HOCKSJÖN	632712.9N 0155851.6E	753	2242	F R	Wind turbine
	15813	STORBRÄNNKULLEN	632912.9N 0155840.1E	620	2282	FLG W	Wind turbine
	15814	STORBRÄNNKULLEN	632900.5N 0155833.2E	620	2315	F R	Wind turbine
	15815	STORBRÄNNKULLEN	632851.0N 0155754.8E	620	2373	FLG W	Wind turbine
	15816	STORBRÄNNKULLEN	632849.2N 0155831.0E	620	2328	F R	Wind turbine
	15817	STORBRÄNNKULLEN	632838.3N 0155755.6E	620	2235	F R	Wind turbine
	15818	STORBRÄNNKULLEN	632824.5N 0155811.6E	620	2211	F R	Wind turbine
	15819	STORBRÄNNKULLEN	632808.1N 0155808.7E	620	2179	F R	Wind turbine
	15820	STORBRÄNNKULLEN	632753.4N 0155813.1E	620	2161	FLG W	Wind turbine
	15821	STORBRÄNNKULLEN	632747.5N 0155837.2E	620	2189	F R	Wind turbine
	15822	STORBRÄNNKULLEN	632746.7N 0155913.7E	620	2180	FLG W	Wind turbine
63N 16E	486	RAMSELE	633554.2N 0162446.9E	351	1462	F R	Mast
	9878	LILL-VILLFLON	632405.8N 0160049.3E (*)	328	2057	F R	Mast
	10136	KÄRMSJÖHÖJDEN	635224.8N 0164351.6E (*)	328	1814	F R	Mast
	10374	BACKE	634545.1N 0163009.4E (*)	492	1542	FLG R	Wind turbine
	10375	BACKE	634538.4N 0163035.1E (*)	492	1529	FLG R	Wind turbine
	11565	RENSJÖN	632749.6N 0160607.9E (*)	367	1909	F R	Mast
	11596	BJÖRKHÖJDEN	632457.8N 0160713.3E (*)	367	2067	F R	Mast
	11785	RENSJÖN	632820.2N 0160612.1E (*)	564	2034	FLG W	Wind turbine
	11786	RENSJÖN	632813.6N 0160645.7E (*)	564	1995	F R	Wind turbine
	11787	RENSJÖN	632820.4N 0160715.2E (*)	564	2018	FLG W	Wind turbine
	11788	RENSJÖN	632756.9N 0160714.9E (*)	564	2051	F R	Wind turbine
	11789	RENSJÖN	632749.8N 0160748.1E (*)	564	2116	F R	Wind turbine
	11790	RENSJÖN	632746.0N 0160622.1E (*)	564	2103	F R	Wind turbine
	11791	RENSJÖN	632738.5N 0160703.6E (*)	564	2123	F R	Wind turbine
	11792	RENSJÖN	632732.1N 0160628.2E (*)	564	2103	FLG W	Wind turbine
	11793	RENSJÖN	632719.9N 0160649.9E (*)	564	2090	F R	Wind turbine
	11794	RENSJÖN	632707.0N 0160701.7E (*)	564	2057	F R	Wind turbine
	11795	RENSJÖN	632722.0N 0160818.3E (*)	564	2028	FLG W	Wind turbine
	11796	RENSJÖN	632716.3N 0160851.0E (*)	564	2096	F R	Wind turbine
	11797	RENSJÖN	632710.7N 0160923.6E (*)	564	1965	F R	Wind turbine
	11798	RENSJÖN	632654.9N 0160934.2E (*)	564	2034	FLG W	Wind turbine
	11799	RENSJÖN	632705.4N 0160817.7E (*)	564	2073	F R	Wind turbine
	11800	RENSJÖN	632657.2N 0160753.8E (*)	564	2139	F R	Wind turbine
	11801	RENSJÖN	632650.9N 0160826.9E (*)	564	2054	F R	Wind turbine
	11802	RENSJÖN	632634.9N 0160834.1E (*)	564	2070	F R	Wind turbine
	11803	RENSJÖN	632621.3N 0160847.8E (*)	564	2070	F R	Wind turbine
	11804	RENSJÖN	632621.5N 0160659.6E (*)	564	2073	F R	Wind turbine
	11805	RENSJÖN	632606.0N 0160703.0E (*)	564	2139	F R	Wind turbine
	11806	RENSJÖN	632559.0N 0160631.2E (*)	564	2156	FLG W	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	11807	RENSJÖN	632541.6N 0160738.5E (*)	564	2195	F R	Wind turbine
	11808	RENSJÖN	632516.3N 0160824.3E (*)	564	2385	F R	Wind turbine
	11809	RENSJÖN	632522.3N 0160850.7E (*)	564	2215	F R	Wind turbine
	11810	RENSJÖN	632506.3N 0161148.7E (*)	564	2208	FLG W	Wind turbine
	11811	RENSJÖN	632448.7N 0161204.4E (*)	564	2244	F R	Wind turbine
	11812	RENSJÖN	632432.1N 0161216.4E (*)	564	2218	F R	Wind turbine
	11813	RENSJÖN	632420.5N 0161242.0E (*)	564	2126	F R	Wind turbine
	11814	RENSJÖN	632402.5N 0161307.3E (*)	564	2142	F R	Wind turbine
	11815	RENSJÖN	632355.5N 0161341.4E (*)	564	2123	FLG W	Wind turbine
	11816	RENSJÖN	632423.3N 0161153.7E (*)	564	2313	F R	Wind turbine
	11817	RENSJÖN	632511.3N 0160925.1E (*)	564	2280	F R	Wind turbine
	11818	RENSJÖN	632505.1N 0160805.0E (*)	564	2280	F R	Wind turbine
	12317	RENSJÖN	632557.7N 0160733.9E (*)	564	2139	F R	Wind turbine
	12318	RENSJÖN	632548.8N 0160658.5E (*)	564	2139	F R	Wind turbine
	12319	RENSJÖN	632519.1N 0160750.8E (*)	564	2303	F R	Wind turbine
	12320	RENSJÖN	632511.0N 0161043.4E (*)	564	2133	F R	Wind turbine
	12321	RENSJÖN	632457.2N 0161108.2E (*)	564	2267	F R	Wind turbine
	12322	RENSJÖN	632443.3N 0161119.6E (*)	564	2306	F R	Wind turbine
	12323	RENSJÖN	632406.1N 0161151.4E (*)	564	2270	F R	Wind turbine
	12324	RENSJÖN	632350.1N 0161153.9E (*)	564	2247	F R	Wind turbine
	12325	RENSJÖN	632337.8N 0161238.0E (*)	564	2231	F R	Wind turbine
	12326	RENSJÖN	632328.2N 0161306.8E (*)	564	2159	F R	Wind turbine
	12327	RENSJÖN	632304.2N 0161346.8E (*)	564	2073	F R	Wind turbine
	12328	RENSJÖN	632454.9N 0161034.4E (*)	564	2201	F R	Wind turbine
	12329	RENSJÖN	632439.4N 0161049.0E (*)	564	2228	F R	Wind turbine
	12330	RENSJÖN	632425.2N 0161056.1E (*)	564	2260	F R	Wind turbine
	12331	RENSJÖN	632407.8N 0161115.5E (*)	564	2251	F R	Wind turbine
	12332	RENSJÖN	632352.9N 0161113.8E (*)	564	2260	F R	Wind turbine
	12333	RENSJÖN	632337.7N 0161140.5E (*)	564	2379	F R	Wind turbine
	12334	RENSJÖN	632325.7N 0161205.8E (*)	564	2238	F R	Wind turbine
	12335	RENSJÖN	632457.6N 0160933.1E (*)	564	2224	F R	Wind turbine
	12336	RENSJÖN	632425.5N 0161010.8E (*)	564	2293	F R	Wind turbine
	12337	RENSJÖN	632333.6N 0161102.9E (*)	564	2310	F R	Wind turbine
	12338	RENSJÖN	632324.8N 0161133.2E (*)	564	2244	F R	Wind turbine
	12339	RENSJÖN	632307.3N 0161211.0E (*)	564	2211	F R	Wind turbine
	12340	RENSJÖN	632445.5N 0160853.2E (*)	564	2274	F R	Wind turbine
	12341	RENSJÖN	632433.8N 0160922.5E (*)	564	2293	F R	Wind turbine
	12342	RENSJÖN	632419.1N 0160938.5E (*)	564	2382	F R	Wind turbine
	12343	RENSJÖN	632405.9N 0160957.5E (*)	564	2323	F R	Wind turbine
	12344	RENSJÖN	632350.6N 0161028.6E (*)	564	2323	F R	Wind turbine
	12345	RENSJÖN	632335.9N 0161021.8E (*)	564	2346	F R	Wind turbine
	12346	RENSJÖN	632318.8N 0161056.3E (*)	564	2356	F R	Wind turbine
	12347	RENSJÖN	632308.2N 0161136.5E (*)	564	2201	F R	Wind turbine
	12348	RENSJÖN	632250.6N 0161206.1E (*)	564	2175	F R	Wind turbine
	12349	RENSJÖN	632250.3N 0161343.5E (*)	564	2110	F R	Wind turbine
	12350	RENSJÖN	632234.8N 0161358.0E (*)	564	2123	FLG W	Wind turbine
	12351	RENSJÖN	632447.7N 0160817.7E (*)	564	2277	F R	Wind turbine
	12352	RENSJÖN	632417.4N 0160901.2E (*)	564	2385	F R	Wind turbine
	12353	RENSJÖN	632402.7N 0160848.7E (*)	564	2356	F R	Wind turbine
	12354	RENSJÖN	632404.9N 0160923.1E (*)	564	2369	F R	Wind turbine
	12355	RENSJÖN	632351.9N 0160943.4E (*)	564	2297	F R	Wind turbine
	12356	RENSJÖN	632336.7N 0160946.6E (*)	564	2274	F R	Wind turbine
	12357	RENSJÖN	632309.0N 0161023.1E (*)	564	2178	F R	Wind turbine
	12358	RENSJÖN	632249.6N 0161028.2E (*)	564	2172	F R	Wind turbine
	12359	RENSJÖN	632256.7N 0161059.9E (*)	564	2172	F R	Wind turbine
	12360	RENSJÖN	632241.7N 0161141.7E (*)	564	2146	F R	Wind turbine
	12361	RENSJÖN	632234.3N 0161215.1E (*)	564	2142	F R	Wind turbine
	12362	RENSJÖN	632244.9N 0161306.8E (*)	564	2119	F R	Wind turbine
	12363	RENSJÖN	632509.3N 0160723.3E (*)	564	2280	F R	Wind turbine
	12364	RENSJÖN	632453.8N 0160727.3E (*)	564	2274	FLG W	Wind turbine
	12365	RENSJÖN	632423.4N 0160738.3E (*)	564	2320	F R	Wind turbine
	12366	RENSJÖN	632415.2N 0160807.5E (*)	564	2316	F R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	12367	RENSJÖN	632402.0N 0160754.3E (*)	564	2333	FLG W	Wind turbine
	12368	RENSJÖN	632229.0N 0161020.5E (*)	564	2165	FLG W	Wind turbine
	12369	RENSJÖN	632215.8N 0161040.1E (*)	564	2119	F R	Wind turbine
	12370	RENSJÖN	632218.2N 0161114.1E (*)	564	2133	F R	Wind turbine
	12371	RENSJÖN	632204.1N 0161129.8E (*)	564	2129	F R	Wind turbine
	12372	RENSJÖN	632201.3N 0161203.6E (*)	564	2090	FLG W	Wind turbine
	12898	KRÄNGEDE	630621.6N 0160317.6E (*)	328	1867	F R	Mast
	13298	IMFORS	633244.9N 0163718.9E (*)	427	1594	F R	Mast
	13299	NÄSÅKER	632359.0N 0164644.3E (*)	427	1555	F R	Mast
	13366	RAMSELE	633108.2N 0163454.6E (*)	427	1811	F R	Mast
	14206	BJÖRKVATTNET	632358.1N 0160058.0E	722	2470	FLG W	Wind turbine
	14207	BJÖRKVATTNET	632404.2N 0160132.1E	722	2398	F R	Wind turbine
	14208	BJÖRKVATTNET	632412.6N 0160159.7E	722	2428	F R	Wind turbine
	14209	BJÖRKVATTNET	632426.3N 0160240.0E	722	2349	F R	Wind turbine
	14210	BJÖRKVATTNET	632414.3N 0160232.8E	722	2392	FLG W	Wind turbine
	14211	BJÖRKVATTNET	632423.1N 0160026.8E	722	2349	F R	Wind turbine
	14214	BJÖRKVATTNET	632433.8N 0160043.2E	722	2375	F R	Wind turbine
	14215	BJÖRKVATTNET	632429.9N 0160152.0E	722	2402	FLG W	Wind turbine
	14216	BJÖRKVATTNET	632440.9N 0160206.7E	722	2310	F R	Wind turbine
	14218	BJÖRKVATTNET	632443.9N 0160120.5E	722	2362	F R	Wind turbine
	14219	BJÖRKVATTNET	632520.1N 0160110.9E	722	2369	F R	Wind turbine
	14220	BJÖRKVATTNET	632457.7N 0160006.8E	722	2339	F R	Wind turbine
	14221	BJÖRKVATTNET	632425.3N 0160118.4E	722	2392	F R	Wind turbine
	14223	BJÖRKVATTNET	632506.7N 0160151.4E	722	2270	FLG W	Wind turbine
	14224	BJÖRKVATTNET	632505.0N 0160103.5E	722	2398	FLG W	Wind turbine
	14229	BJÖRKVATTNET	632543.7N 0160113.4E	722	2297	FLG W	Wind turbine
	14230	BJÖRKVATTNET	632546.0N 0160037.8E	722	2343	F R	Wind turbine
	14231	BJÖRKVATTNET	632410.5N 0160017.0E	722	2382	F R	Wind turbine
	14235	BJÖRKVATTNET	632356.2N 0160020.2E	722	2431	FLG W	Wind turbine
	14977	SOLLEFTEÅ	630640.5N 0164456.3E	489	1880	F R	Mast
	14978	SOLLEFTEÅ	630841.8N 0164117.6E	489	1900	F R	Mast
	15632	HOCKSJÖN	632715.9N 0160017.2E	753	2341	F R	Wind turbine
	15633	HOCKSJÖN	632650.1N 0160001.7E	753	2302	FLG W	Wind turbine
	15634	HOCKSJÖN	632637.0N 0160021.3E	753	2252	F R	Wind turbine
	15635	HOCKSJÖN	632704.6N 0160122.5E	753	2295	F R	Wind turbine
	15636	HOCKSJÖN	632649.3N 0160203.4E	753	2384	F R	Wind turbine
	15637	HOCKSJÖN	632638.5N 0160119.7E	753	2098	F R	Wind turbine
	15638	HOCKSJÖN	632618.4N 0160136.9E	753	2154	FLG W	Wind turbine
	15639	HOCKSJÖN	632722.4N 0160146.7E	753	2055	FLG W	Wind turbine
	15640	HOCKSJÖN	632717.0N 0160303.7E	753	2141	F R	Wind turbine
	15641	HOCKSJÖN	632713.9N 0160420.8E	753	2111	F R	Wind turbine
	15642	HOCKSJÖN	632652.0N 0160457.4E	753	2285	FLG W	Wind turbine
	15643	HOCKSJÖN	632710.9N 0160508.5E	753	2285	F R	Wind turbine
	15644	HOCKSJÖN	632656.6N 0160548.9E	753	2203	FLG W	Wind turbine
	15645	HOCKSJÖN	632726.5N 0160448.3E	753	2288	F R	Wind turbine
	15646	HOCKSJÖN	632743.2N 0160531.7E	753	2226	FLG W	Wind turbine
	15647	HOCKSJÖN	632729.6N 0160548.2E	753	2318	F R	Wind turbine
	15648	HOCKSJÖN	632754.7N 0160439.7E	753	2249	F R	Wind turbine
	15649	HOCKSJÖN	632809.7N 0160518.7E	753	2190	F R	Wind turbine
	15650	HOCKSJÖN	632823.2N 0160532.7E	753	2160	FLG W	Wind turbine
	15651	HOCKSJÖN	632811.2N 0160413.3E	753	2098	F R	Wind turbine
	15652	HOCKSJÖN	632823.7N 0160342.5E	753	2016	FLG W	Wind turbine
63N 17E	494	SOLLEFTEÅ/MULTRÅ	631511.0N 0172704.1E	945	2231	FLG W	Mast
	497	LÅNGSELE	631236.9N 0170350.9E	354	1309	F R	Mast
	4764	SOLLEFTEÅ/MULTRÅ	631510.2N 0172703.3E	351	1636	-	Mast
	9437	STORBERGET	635644.5N 0172836.5E (*)	394	1909	F R	Mast
	9480	STIGSHÖJDEN	631327.5N 0175828.5E (*)	331	1742	F R	Mast
	10454	TANNFLOHÖJDEN	632826.6N 0170840.8E (*)	394	2021	F R	Mast
	10455	VITBERGSHÖJDEN	632738.7N 0171701.4E (*)	394	1808	F R	Mast
	10456	BRÄNNAN	633020.0N 0172146.2E (*)	394	1601	F R	Mast
	10457	STORSJÖHÖJDEN	632203.0N 0172146.3E (*)	394	1752	F R	Mast
	10581	HOLMTRÅSK	635321.1N 0172537.6E (*)	394	2011	F R	Mast

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	10800	TRATTBERGET	634834.6N 0172215.7E (*)	574	2182	FLG R	Wind turbine
	10801	TRATTBERGET	634822.1N 0172217.2E (*)	492	2116	FLG R	Wind turbine
	10802	TRATTBERGET	634840.1N 0172246.9E (*)	492	2103	FLG R	Wind turbine
	10803	TRATTBERGET	634826.0N 0172243.6E (*)	492	2146	FLG R	Wind turbine
	10804	TRATTBERGET	634833.1N 0172323.4E (*)	492	2172	FLG R	Wind turbine
	10805	TRATTBERGET	634818.6N 0172318.0E (*)	492	2208	FLG R	Wind turbine
	10806	TRATTBERGET	634839.7N 0172352.5E (*)	492	2178	FLG R	Wind turbine
	10807	TRATTBERGET	634825.7N 0172347.3E (*)	492	2257	FLG R	Wind turbine
	10808	TRATTBERGET	634810.6N 0172344.3E (*)	492	2228	FLG R	Wind turbine
	10809	TRATTBERGET	634831.8N 0172413.9E (*)	492	2260	FLG R	Wind turbine
	10810	TRATTBERGET	634817.3N 0172414.4E (*)	492	2274	FLG R	Wind turbine
	10811	TRATTBERGET	634803.2N 0172412.8E (*)	492	2211	FLG R	Wind turbine
	10812	TRATTBERGET	634827.2N 0172445.6E (*)	492	2224	FLG R	Wind turbine
	10813	TRATTBERGET	634813.9N 0172448.4E (*)	492	2260	FLG R	Wind turbine
	10814	TRATTBERGET	634753.3N 0172436.7E (*)	492	2198	FLG R	Wind turbine
	10815	TRATTBERGET	634819.5N 0172514.2E (*)	492	2208	FLG R	Wind turbine
	10816	TRATTBERGET	634802.8N 0172516.9E (*)	492	2198	FLG R	Wind turbine
	10817	TRATTBERGET	634811.0N 0172540.9E (*)	492	2182	FLG R	Wind turbine
	10818	TRATTBERGET	634757.3N 0172559.5E (*)	492	2172	FLG R	Wind turbine
	10819	TRATTBERGET	634727.7N 0172323.1E (*)	492	2129	FLG R	Wind turbine
	10820	TRATTBERGET	634714.7N 0172309.5E (*)	492	2100	FLG R	Wind turbine
	10821	TRATTBERGET	634730.8N 0172355.1E (*)	492	2139	FLG R	Wind turbine
	10822	TRATTBERGET	634715.7N 0172341.1E (*)	492	2162	FLG R	Wind turbine
	10823	TRATTBERGET	634724.5N 0172424.5E (*)	492	2152	FLG R	Wind turbine
	10824	TRATTBERGET	634711.1N 0172412.5E (*)	492	2133	FLG R	Wind turbine
	10825	TRATTBERGET	634826.5N 0172145.7E (*)	492	2103	FLG R	Wind turbine
	10826	TRATTBERGET	634750.7N 0172533.0E (*)	492	2103	FLG R	Wind turbine
	10827	TRATTBERGET	634803.9N 0172313.0E (*)	492	2096	FLG R	Wind turbine
	10828	TRATTBERGET	634712.8N 0172443.4E (*)	492	2060	FLG R	Wind turbine
	10829	TRATTBERGET	634713.3N 0172237.3E (*)	492	2024	FLG R	Wind turbine
	11526	SIDENSJÖ	631502.8N 0175839.8E (*)	384	1572	F R	Mast
	12159	SIDENSJÖ	631458.3N 0175857.1E (*)	564	1736	FLG W	Wind turbine
	12160	SIDENSJÖ	631511.3N 0175936.1E (*)	564	1732	F R	Wind turbine
	12161	SIDENSJÖ	631525.6N 0175912.0E (*)	564	1768	FLG W	Wind turbine
	12473	RÖDSTAHÖJDEN	630628.1N 0170950.0E (*)	492	1736	FLG R	Wind turbine
	12474	RÖDSTAHÖJDEN	630625.1N 0170912.6E (*)	492	1716	FLG R	Wind turbine
	12475	RÖDSTAHÖJDEN	630607.1N 0170922.8E (*)	492	1752	FLG R	Wind turbine
	12476	RÖDSTAHÖJDEN	630546.0N 0170816.2E (*)	492	1739	FLG R	Wind turbine
	12477	RÖDSTAHÖJDEN	630550.0N 0170904.5E (*)	492	1791	FLG R	Wind turbine
	12478	RÖDSTAHÖJDEN	630540.7N 0170940.7E (*)	558	1860	FLG R	Wind turbine
	12958	HOLMTRÄSK	635402.8N 0172401.2E (*)	591	1979	FLG W	Wind turbine
	12959	HOLMTRÄSK	635406.0N 0172445.0E (*)	591	2060	F R	Wind turbine
	12960	HOLMTRÄSK	635356.4N 0172534.5E (*)	591	2065	FLG W	Wind turbine
	12961	HOLMTRÄSK	635347.0N 0172452.3E (*)	591	2128	F R	Wind turbine
	12962	HOLMTRÄSK	635331.0N 0172519.5E (*)	591	2179	FLG W	Wind turbine
	12963	HOLMTRÄSK	635302.9N 0172620.9E (*)	591	2261	F R	Wind turbine
	12964	HOLMTRÄSK	635316.4N 0172553.6E (*)	591	2208	F R	Wind turbine
	12965	HOLMTRÄSK	635327.5N 0172639.4E (*)	591	2214	F R	Wind turbine
	12966	HOLMTRÄSK	635234.3N 0172710.2E (*)	591	2283	FLG W	Wind turbine
	12967	HOLMTRÄSK	635300.2N 0172703.6E (*)	591	2349	F R	Wind turbine
	12968	HOLMTRÄSK	635248.6N 0172732.8E (*)	591	2420	F R	Wind turbine
	12969	HOLMTRÄSK	635235.2N 0172756.4E (*)	591	2323	F R	Wind turbine
	12970	HOLMTRÄSK	635244.5N 0172831.9E (*)	591	2203	F R	Wind turbine
	12971	HOLMTRÄSK	635230.5N 0172902.5E (*)	591	2229	F R	Wind turbine
	12972	HOLMTRÄSK	635209.9N 0172821.1E (*)	591	2266	FLG W	Wind turbine
	12973	HOLMTRÄSK	635212.3N 0172912.0E (*)	591	2333	F R	Wind turbine
	12974	HOLMTRÄSK	635200.4N 0172943.6E (*)	591	2233	F R	Wind turbine
	12975	HOLMTRÄSK	635140.5N 0173014.3E (*)	591	2134	FLG W	Wind turbine
	12976	HOLMTRÄSK	635341.5N 0172756.5E (*)	591	2042	FLG W	Wind turbine
	12977	HOLMTRÄSK	635315.0N 0172910.1E (*)	591	2152	F R	Wind turbine
	12978	HOLMTRÄSK	635302.9N 0172941.3E (*)	591	2280	FLG W	Wind turbine
	12979	HOLMTRÄSK	635248.2N 0173003.1E (*)	591	2211	FLG W	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	13638	STIGSHÖJDEN	631306.1N 0175920.5E (*)	492	1772	F R	Wind turbine
	13639	STIGSHÖJDEN	631316.4N 0175848.7E (*)	492	1857	F R	Wind turbine
	13640	STIGSHÖJDEN	631330.4N 0175815.7E (*)	492	1873	F R	Wind turbine
	13641	STIGSHÖJDEN	631328.2N 0175944.1E (*)	492	1729	F R	Wind turbine
	13642	STIGSHÖJDEN	631334.3N 0175913.6E (*)	492	1814	F R	Wind turbine
	13643	STIGSHÖJDEN	631344.6N 0175842.1E (*)	492	1880	F R	Wind turbine
	15026	BLACKFJÄLLET	635330.9N 0175936.6E	656	1919	FLG W	Wind turbine
	15027	BLACKFJÄLLET	635341.0N 0175810.7E	656	1897	F R	Wind turbine
	15028	BLACKFJÄLLET	635354.5N 0175847.3E	656	1930	FLG W	Wind turbine
	15029	BLACKFJÄLLET	635401.5N 0175655.2E	656	2019	FLG W	Wind turbine
	15030	BLACKFJÄLLET	635341.9N 0175656.5E	656	2067	F R	Wind turbine
	15031	BLACKFJÄLLET	635328.0N 0175721.0E	656	2157	F R	Wind turbine
	15032	BLACKFJÄLLET	635308.3N 0175657.9E	656	2161	FLG W	Wind turbine
	15033	BLACKFJÄLLET	635253.9N 0175726.5E	656	2291	FLG W	Wind turbine
	15036	BLACKFJÄLLET	635256.0N 0175916.9E	656	2206	F R	Wind turbine
	15037	BLACKFJÄLLET	635308.0N 0175945.6E	656	2036	F R	Wind turbine
	15038	BLACKFJÄLLET	635331.5N 0175747.9E	656	2189	F R	Wind turbine
	15039	BLACKFJÄLLET	635305.4N 0175809.1E	656	2192	F R	Wind turbine
	15040	BLACKFJÄLLET	635253.8N 0175852.2E	656	2172	F R	Wind turbine
	15041	BLACKFJÄLLET	635322.5N 0175827.3E	656	2290	F R	Wind turbine
	15042	BLACKFJÄLLET	635309.1N 0175850.9E	656	2326	F R	Wind turbine
	15043	BLACKFJÄLLET	635336.8N 0175825.9E	656	2277	F R	Wind turbine
	15044	BLACKFJÄLLET	635347.5N 0175755.9E	656	2218	F R	Wind turbine
	15045	RÖDSANDTORPET	634816.1N 0175927.3E	656	2128	FLG W	Wind turbine
	15046	RÖDSANDTORPET	634824.0N 0175901.3E	656	2254	F R	Wind turbine
	15047	RÖDSANDTORPET	634836.3N 0175954.6E	656	2317	F R	Wind turbine
	15048	RÖDSANDTORPET	634842.7N 0175853.2E	656	2231	F R	Wind turbine
	15049	RÖDSANDTORPET	634850.1N 0175930.1E	656	2156	FLG W	Wind turbine
	15050	RÖDSANDTORPET	634858.9N 0175835.5E	656	2176	F R	Wind turbine
	15051	RÖDSANDTORPET	634829.1N 0175805.5E	656	2173	F R	Wind turbine
	15052	RÖDSANDTORPET	634843.9N 0175813.7E	656	2263	F R	Wind turbine
	15053	RÖDSANDTORPET	634900.5N 0175736.8E	656	2199	F R	Wind turbine
	15054	RÖDSANDTORPET	634909.0N 0175709.2E	656	2062	FLG W	Wind turbine
	15055	RÖDSANDTORPET	634908.3N 0175616.9E	656	1978	F R	Wind turbine
	15056	RÖDSANDTORPET	634810.3N 0175840.7E	656	2057	F R	Wind turbine
	15057	RÖDSANDTORPET	634821.0N 0175742.0E	656	2136	F R	Wind turbine
	15058	RÖDSANDTORPET	634801.6N 0175738.9E	656	2078	FLG W	Wind turbine
	15059	RÖDSANDTORPET	634831.2N 0175708.4E	656	2155	FLG W	Wind turbine
	15060	RÖDSANDTORPET	634821.4N 0175620.2E	656	2331	F R	Wind turbine
	15061	RÖDSANDTORPET	634836.3N 0175603.1E	656	2248	F R	Wind turbine
	15062	RÖDSANDTORPET	634835.0N 0175514.3E	656	2265	F R	Wind turbine
	15063	RÖDSANDTORPET	634847.9N 0175505.8E	656	2308	F R	Wind turbine
	15064	RÖDSANDTORPET	634847.7N 0175546.2E	656	2241	F R	Wind turbine
	15065	RÖDSANDTORPET	634906.9N 0175449.7E	656	2023	FLG W	Wind turbine
	15066	RÖDSANDTORPET	634849.4N 0175406.0E	656	2119	F R	Wind turbine
	15067	RÖDSANDTORPET	634853.6N 0175332.1E	656	2169	F R	Wind turbine
	15068	RÖDSANDTORPET	634854.5N 0175300.1E	656	2146	FLG W	Wind turbine
	15069	RÖDSANDTORPET	634820.4N 0175517.1E	656	2408	FLG W	Wind turbine
	15070	RÖDSANDTORPET	634810.4N 0175536.4E	656	2338	FLG W	Wind turbine
	15071	RÖDSANDTORPET	634834.5N 0175413.3E	656	2243	F R	Wind turbine
	15072	RÖDSANDTORPET	634813.9N 0175447.2E	656	2218	F R	Wind turbine
	15073	RÖDSANDTORPET	634822.2N 0175345.7E	656	2251	F R	Wind turbine
	15074	RÖDSANDTORPET	634820.3N 0175308.4E	656	2302	F R	Wind turbine
	15075	RÖDSANDTORPET	634806.6N 0175340.3E	656	2091	FLG W	Wind turbine
	15076	RÖDSANDTORPET	634755.8N 0175305.5E	656	2140	F R	Wind turbine
	15077	RÖDSANDTORPET	634759.6N 0175231.3E	656	2203	F R	Wind turbine
	15078	RÖDSANDTORPET	634812.3N 0175246.9E	656	2189	F R	Wind turbine
	15079	RÖDSANDTORPET	634811.4N 0175145.6E	656	2104	F R	Wind turbine
	15080	RÖDSANDTORPET	634757.4N 0175146.6E	656	2060	FLG W	Wind turbine
	15081	RÖDSANDTORPET	634834.2N 0175256.8E	656	2287	F R	Wind turbine
	15082	RÖDSANDTORPET	634829.1N 0175222.9E	656	2267	F R	Wind turbine
	15083	RÖDSANDTORPET	634827.5N 0175146.9E	656	2194	FLG W	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
63N 18E	15084	RÖDSANDTORPET	634846.0N 0175219.2E	656	2155	F R	Wind turbine
	510	ÖRNSKÖLDSVIK/ÅS	631809.2N 0183938.7E	558	1259	F R/FLG W	Mast
	10672	BJÖRNA	633334.3N 0184355.0E (*)	387	1552	F R	Mast
	11529	LIDBERGET	631747.3N 0180836.7E (*)	384	1535	F R	Mast
	11856	STORHÖJDEN	630931.9N 0180035.1E (*)	394	1673	F R	Mast
	11860	SIDENSJÖ BRANDBERGET	631804.3N 0180510.0E (*)	564	1657	FLG W	Wind turbine
	11861	SIDENSJÖ BRANDBERGET	631817.4N 0180552.7E (*)	564	1585	F R	Wind turbine
	11862	SIDENSJÖ BRANDBERGET	631830.4N 0180630.3E (*)	564	1588	FLG W	Wind turbine
	11863	SIDENSJÖ BRANDBERGET	631753.2N 0180558.4E (*)	564	1572	F R	Wind turbine
	11864	SIDENSJÖ BRANDBERGET	631807.3N 0180628.8E (*)	564	1637	F R	Wind turbine
	11865	SIDENSJÖ BRANDBERGET	631818.5N 0180703.7E (*)	564	1637	F R	Wind turbine
	11866	SIDENSJÖ BRANDBERGET	631750.2N 0180637.0E (*)	564	1650	FLG W	Wind turbine
	11867	SIDENSJÖ BRANDBERGET	631801.4N 0180719.9E (*)	564	1650	F R	Wind turbine
	11868	SIDENSJÖ BRANDBERGET	631811.9N 0180749.0E (*)	564	1601	F R	Wind turbine
	11869	SIDENSJÖ BRANDBERGET	631745.6N 0180720.9E (*)	564	1621	F R	Wind turbine
	11870	SIDENSJÖ BRANDBERGET	631755.3N 0180804.3E (*)	564	1663	F R	Wind turbine
	11871	SIDENSJÖ BRANDBERGET	631813.1N 0180843.3E (*)	564	1667	FLG W	Wind turbine
	11872	SIDENSJÖ BRANDBERGET	631754.5N 0180847.7E (*)	564	1732	F R	Wind turbine
	11873	SIDENSJÖ BRANDBERGET	631807.9N 0180923.8E (*)	564	1650	FLG W	Wind turbine
	11874	SIDENSJÖ BRANDBERGET	631735.5N 0180905.4E (*)	564	1693	FLG W	Wind turbine
	11875	SIDENSJÖ BRANDBERGET	631742.7N 0180944.7E (*)	564	1752	FLG W	Wind turbine
	11876	SIDENSJÖ BRANDBERGET	631758.4N 0180954.0E (*)	564	1644	F R	Wind turbine
	12162	SIDENSJÖ	631555.2N 0180013.2E (*)	564	1581	FLG W	Wind turbine
	12163	SIDENSJÖ	631548.3N 0180053.7E (*)	564	1640	F R	Wind turbine
	12164	SIDENSJÖ	631604.1N 0180115.3E (*)	564	1598	FLG W	Wind turbine
	12165	SIDENSJÖ	631540.1N 0180138.8E (*)	564	1637	F R	Wind turbine
	12166	SIDENSJÖ	631556.6N 0180205.9E (*)	564	1647	F R	Wind turbine
	12167	SIDENSJÖ	631535.4N 0180220.5E (*)	564	1647	F R	Wind turbine
	12168	SIDENSJÖ	631528.9N 0180310.9E (*)	564	1732	F R	Wind turbine
	12169	SIDENSJÖ	631548.2N 0180332.2E (*)	564	1650	F R	Wind turbine
	12170	SIDENSJÖ	631523.1N 0180403.0E (*)	564	1627	F R	Wind turbine
	12171	SIDENSJÖ	631537.3N 0180450.2E (*)	564	1575	F R	Wind turbine
	12172	SIDENSJÖ	631517.3N 0180448.5E (*)	564	1575	F R	Wind turbine
	12173	SIDENSJÖ	631532.7N 0180544.0E (*)	564	1555	FLG W	Wind turbine
	12174	SIDENSJÖ	631458.4N 0180526.4E (*)	564	1581	F R	Wind turbine
	12175	SIDENSJÖ	631507.4N 0180326.0E (*)	564	1663	F R	Wind turbine
	12176	SIDENSJÖ	631448.4N 0180349.3E (*)	564	1647	F R	Wind turbine
	12177	SIDENSJÖ	631429.3N 0180415.0E (*)	564	1614	F R	Wind turbine
	12178	SIDENSJÖ	631451.3N 0180138.6E (*)	564	1719	F R	Wind turbine
	12179	SIDENSJÖ	631425.5N 0180133.9E (*)	564	1765	FLG W	Wind turbine
	12180	SIDENSJÖ	631439.4N 0180219.0E (*)	564	1742	F R	Wind turbine
	12181	SIDENSJÖ	631416.2N 0180209.5E (*)	564	1785	FLG W	Wind turbine
	12182	SIDENSJÖ	631405.2N 0180243.2E (*)	564	1742	FLG W	Wind turbine
	12183	SIDENSJÖ	631416.6N 0180501.5E (*)	564	1670	FLG W	Wind turbine
	12184	SIDENSJÖ	631424.2N 0180539.1E (*)	564	1608	FLG W	Wind turbine
	12185	SIDENSJÖ	631446.3N 0180852.2E (*)	564	1467	FLG W	Wind turbine
	12186	SIDENSJÖ	631458.6N 0180917.4E (*)	564	1453	F R	Wind turbine
12187	SIDENSJÖ	631449.8N 0181006.0E (*)	564	1388	FLG W	Wind turbine	
12188	SIDENSJÖ	631551.4N 0180250.4E (*)	564	1742	FLG W	Wind turbine	
12189	SIDENSJÖ	631513.2N 0180851.1E (*)	564	1427	FLG W	Wind turbine	
13548	ÅLIDEN	634440.6N 0184951.6E (*)	655	1832	FLG W	Wind turbine	
13549	ÅLIDEN	634430.2N 0184930.3E (*)	655	1947	FLG W	Wind turbine	
13550	ÅLIDEN	634423.7N 0185020.6E (*)	655	1895	FLG W	Wind turbine	
13551	ÅLIDEN	634413.7N 0184959.6E (*)	655	1965	FLG W	Wind turbine	
13552	ÅLIDEN	634411.3N 0184918.9E (*)	655	1946	FLG W	Wind turbine	
13553	ÅLIDEN	634403.3N 0185052.3E (*)	655	1915	FLG W	Wind turbine	
13554	ÅLIDEN	634355.3N 0185023.3E (*)	655	1885	F R	Wind turbine	
13555	ÅLIDEN	634326.6N 0185120.5E (*)	655	1781	FLG W	Wind turbine	
13556	ÅLIDEN	634311.0N 0185155.9E (*)	655	1725	FLG W	Wind turbine	
13557	ÅLIDEN	634252.2N 0185124.0E (*)	655	1620	F R	Wind turbine	
13558	ÅLIDEN	634248.0N 0185040.5E (*)	655	1719	FLG W	Wind turbine	
13559	ÅLIDEN	634232.9N 0185202.1E (*)	655	1618	FLG W	Wind turbine	

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
63N 19E	14077	BRATTMYLIDEN	633912.0N 0185846.6E (*)	656	1680	FLG W	Wind turbine
	14079	BRATTMYLIDEN	633856.0N 0185928.2E (*)	656	1768	FLG W	Wind turbine
	14081	BRATTMYLIDEN	633903.0N 0185806.0E (*)	656	1693	FLG W	Wind turbine
	14082	BRATTMYLIDEN	633847.8N 0185900.6E (*)	656	1798	FLG W	Wind turbine
	14084	BRATTMYLIDEN	633814.5N 0185942.6E (*)	656	1745	FLG W	Wind turbine
	14085	BRATTMYLIDEN	633814.2N 0185754.7E (*)	656	1683	FLG W	Wind turbine
	14089	BRATTMYLIDEN	633752.0N 0185913.6E (*)	656	1742	FLG W	Wind turbine
	14090	BRATTMYLIDEN	633744.7N 0185821.8E (*)	656	1650	F R	Wind turbine
	14091	BRATTMYLIDEN	633737.3N 0185755.0E (*)	656	1614	FLG W	Wind turbine
	14094	BRATTMYLIDEN	633710.9N 0185849.0E (*)	656	1663	FLG W	Wind turbine
	15023	BLACKFJÄLLET	635254.5N 0180121.4E	656	2087	FLG W	Wind turbine
	15024	BLACKFJÄLLET	635310.6N 0180054.7E	656	1955	F R	Wind turbine
	15025	BLACKFJÄLLET	635322.4N 0180005.3E	656	1921	F R	Wind turbine
	15034	BLACKFJÄLLET	635240.8N 0180049.6E	656	2083	FLG W	Wind turbine
	15035	BLACKFJÄLLET	635254.2N 0180007.2E	656	2113	F R	Wind turbine
	514	VÄNNÄS	635025.3N 0194921.5E	1060	1853	F R/FLG W	Mast
	690	HUSUM 2	631931.4N 0190937.4E (*)	361	387	F R	Chimney
	8525	GABRIELSBERGET	633200.6N 0191621.1E (*)	394	1122	F R	Mast
	9324	HÖRNEFORS	633730.9N 0195810.7E (*)	456	495	-	Wind turbine
	9325	HÖRNEFORS	633742.9N 0195807.4E (*)	456	492	-	Wind turbine
	9326	HÖRNEFORS	633755.9N 0195804.2E (*)	456	499	-	Wind turbine
	9327	HÖRNEFORS	633740.6N 0195712.5E (*)	456	509	-	Wind turbine
	9328	HÖRNEFORS	633751.8N 0195707.6E (*)	456	528	-	Wind turbine
	9329	HÖRNEFORS	633805.5N 0195702.3E (*)	456	525	-	Wind turbine
	9672	HÖRNEFORS	633819.0N 0195757.8E (*)	492	548	FLG R	Wind turbine
	9673	HÖRNEFORS	633807.4N 0195800.9E (*)	492	545	FLG R	Wind turbine
	9674	HÖRNEFORS	633832.1N 0195756.4E (*)	492	548	FLG R	Wind turbine
	9675	HÖRNEFORS	633843.9N 0195755.0E (*)	492	551	FLG R	Wind turbine
	9676	HÖRNEFORS	633815.9N 0195657.5E (*)	492	581	FLG R	Wind turbine
	9814	GABRIELSBERGET	633127.2N 0191633.7E (*)	489	1181	FLG R	Wind turbine
	9834	GABRIELSBERGET	633136.5N 0191643.2E (*)	489	1161	FLG R	Wind turbine
	9835	GABRIELSBERGET	633149.1N 0191532.8E (*)	489	1220	FLG R	Wind turbine
	9836	GABRIELSBERGET	633141.6N 0191559.9E (*)	489	1194	FLG R	Wind turbine
	9837	GABRIELSBERGET	633208.9N 0191534.9E (*)	489	1207	FLG R	Wind turbine
	9838	GABRIELSBERGET	633201.1N 0191618.7E (*)	489	1227	FLG R	Wind turbine
	9911	NYLAND/GABRIELSBERGET	633127.4N 0191558.7E (*)	489	1168	FLG R	Wind turbine
	9912	GABRIELSBERGET	633207.1N 0191718.2E (*)	489	1188	FLG R	Wind turbine
	9913	GABRIELSBERGET	633208.0N 0191651.2E (*)	489	1184	FLG R	Wind turbine
	9914	NYLAND/GABRIELSBERGET	633206.7N 0191346.1E (*)	489	1168	FLG R	Wind turbine
	9928	LÖGDEÅ	633219.9N 0191733.6E (*)	489	1152	FLG R	Wind turbine
	9929	LÖGDEÅ	633223.6N 0191711.4E (*)	489	1191	FLG R	Wind turbine
	9967	LÖGDEÅ	633200.3N 0191704.9E (*)	489	1178	FLG R	Wind turbine
	10001	GABRIELSBERGET	633155.2N 0191459.5E (*)	489	1184	FLG R	Wind turbine
	10002	GABRIELSBERGET	633208.9N 0191457.0E (*)	489	1198	FLG R	Wind turbine
	10003	GABRIELSBERGET	633214.9N 0191418.8E (*)	489	1201	FLG R	Wind turbine
	10004	GABRIELSBERGET	633226.5N 0191434.8E (*)	489	1230	FLG R	Wind turbine
	10005	GABRIELSBERGET	633219.2N 0191342.6E (*)	489	1188	FLG R	Wind turbine
	10006	GABRIELSBERGET	633216.6N 0191618.2E (*)	489	1204	FLG R	Wind turbine
	10007	GABRIELSBERGET	633131.9N 0191702.0E (*)	489	1125	FLG R	Wind turbine
	10526	GABRIELSBERGET	633303.2N 0191326.8E (*)	489	1240	FLG R	Wind turbine
	10527	GABRIELSBERGET	633257.4N 0191524.0E (*)	489	1178	FLG R	Wind turbine
	10528	GABRIELSBERGET	633309.2N 0191727.9E (*)	489	1122	FLG R	Wind turbine
	10529	GABRIELSBERGET	633252.4N 0191544.5E (*)	489	1201	FLG R	Wind turbine
10530	GABRIELSBERGET	633242.1N 0191550.5E (*)	489	1204	FLG R	Wind turbine	
10531	GABRIELSBERGET	633230.4N 0191606.7E (*)	489	1214	FLG R	Wind turbine	
10532	GABRIELSBERGET	633241.0N 0191735.1E (*)	489	1165	FLG R	Wind turbine	
10533	GABRIELSBERGET	633249.9N 0191817.3E (*)	489	1129	FLG R	Wind turbine	
10534	GABRIELSBERGET	633257.0N 0191703.1E (*)	489	1132	FLG R	Wind turbine	
10535	GABRIELSBERGET	633238.0N 0191424.8E (*)	489	1220	FLG R	Wind turbine	
10536	GABRIELSBERGET	633250.7N 0191419.5E (*)	489	1217	FLG R	Wind turbine	
10537	GABRIELSBERGET	633240.7N 0191350.9E (*)	489	1201	FLG R	Wind turbine	
10538	GABRIELSBERGET	633248.6N 0191332.2E (*)	489	1227	FLG R	Wind turbine	

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	10539	GABRIELSBERGET	633311.6N 0191430.6E (*)	489	1198	FLG R	Wind turbine
	10540	GABRIELSBERGET	633324.7N 0191450.2E (*)	489	1184	FLG R	Wind turbine
	10541	GABRIELSBERGET	633305.4N 0191354.1E (*)	489	1230	FLG R	Wind turbine
	10576	BJÄRTEN	634948.0N 0190607.8E (*)	328	1417	F R	Mast
	11235	STENBERG	634359.9N 0191249.8E (*)	394	1335	F R	Mast
	11442	GABRIELSBERGET	633342.9N 0191411.6E (*)	489	1168	FLG R	Wind turbine
	11443	GABRIELSBERGET	633330.1N 0191416.1E (*)	489	1188	FLG R	Wind turbine
	11444	GABRIELSBERGET	633328.7N 0191338.9E (*)	489	1220	FLG R	Wind turbine
	11445	GABRIELSBERGET	633320.4N 0191346.8E (*)	489	1211	FLG R	Wind turbine
	12522	NORDMALING	633052.9N 0191736.6E (*)	387	981	F R	Mast
	14078	BRATTMYRLIDEN	633905.5N 0190034.4E (*)	656	1647	FLG W	Wind turbine
	14080	BRATTMYRLIDEN	633834.9N 0190106.4E (*)	656	1765	FLG W	Wind turbine
	14083	BRATTMYRLIDEN	633828.3N 0190023.5E (*)	656	1755	FLG W	Wind turbine
	14086	BRATTMYRLIDEN	633825.9N 0190157.8E (*)	656	1759	FLG W	Wind turbine
	14087	BRATTMYRLIDEN	633808.1N 0190218.9E (*)	656	1736	FLG W	Wind turbine
	14088	BRATTMYRLIDEN	633756.3N 0190135.0E (*)	656	1650	F R	Wind turbine
	14092	BRATTMYRLIDEN	633731.7N 0190102.8E (*)	656	1680	F R	Wind turbine
	14093	BRATTMYRLIDEN	633730.1N 0190017.0E (*)	656	1749	FLG W	Wind turbine
	14095	BRATTMYRLIDEN	633703.1N 0190022.4E (*)	656	1696	FLG W	Wind turbine
	14817	HUSUM	631933.0N 0190944.1E (*)	401	416	FLG R	Chimney
63N 20E	3849	DÄVAMYRAN	635205.3N 0202435.3E (*)	331	430	F R	Chimney
	8483	HOLMSUND	634022.6N 0202019.1E (*)	410	423	FLG R	Wind turbine
	9177	HOLMSUND	634028.2N 0202003.3E (*)	410	410	F R	Wind turbine
	9432	HOLMSUND	633919.1N 0202342.4E (*)	335	344	F R	Mast
	9946	HOLMÖN	634716.2N 0205319.2E (*)	328	371	F R	Mast
	10200	SÄVAR	635519.7N 0203941.2E (*)	328	495	F R	Mast
	14424	SÄVAR	635401.2N 0204017.8E	476	574	F R	Mast
64N 15E	8275	HARRSJÖN	642323.5N 0152359.4E (*)	335	2549	F R	Wind turbine
	9044	KOMMERBERGET	642333.0N 0152412.7E (*)	338	2448	FLG R	Wind turbine
	9045	KOMMERBERGET	642330.9N 0152354.5E (*)	338	2451	FLG R	Wind turbine
	9156	BLIEKEVARE	643857.9N 0153257.1E (*)	410	2723	FLG R	Wind turbine
	9157	BLIEKEVARE	643844.0N 0153252.2E (*)	410	2772	F R	Wind turbine
	9158	BLIEKEVARE	643900.9N 0153335.0E (*)	410	2625	FLG R	Wind turbine
	9159	BLIEKEVARE	643847.9N 0153325.0E (*)	410	2756	F R	Wind turbine
	9160	BLIEKEVARE	643835.5N 0153318.0E (*)	410	2789	FLG R	Wind turbine
	9161	BLIEKEVARE	643823.7N 0153304.6E (*)	410	2740	F R	Wind turbine
	9162	BLIEKEVARE	643900.9N 0153413.1E (*)	410	2608	FLG R	Wind turbine
	9163	BLIEKEVARE	643850.1N 0153442.8E (*)	410	2707	FLG R	Wind turbine
	9164	BLIEKEVARE	643849.4N 0153405.5E (*)	410	2789	F R	Wind turbine
	9165	BLIEKEVARE	643836.3N 0153403.0E (*)	410	2854	F R	Wind turbine
	9166	BLIEKEVARE	643824.1N 0153402.0E (*)	410	2789	FLG R	Wind turbine
	9167	BLIEKEVARE	643813.7N 0153335.2E (*)	410	2723	F R	Wind turbine
	9168	BLIEKEVARE	643800.1N 0153338.1E (*)	410	2822	FLG R	Wind turbine
	9169	BLIEKEVARE	643749.5N 0153315.0E (*)	410	2789	FLG R	Wind turbine
	9170	BLIEKEVARE	643755.5N 0153249.8E (*)	410	2789	F R	Wind turbine
	9171	BLIEKEVARE	643809.0N 0153248.2E (*)	410	2723	FLG R	Wind turbine
	9172	BLIEKEVARE	643840.4N 0153426.5E (*)	410	2740	F R	Wind turbine
	9173	BLIEKEVARE	643802.5N 0153311.7E (*)	410	2772	F R	Wind turbine
	9515	ALAVATTNET	640205.5N 0153906.5E (*)	476	2172	FLG R	Wind turbine
	9516	ALAVATTNET	640221.0N 0153859.4E (*)	476	2126	FLG R	Wind turbine
	9517	ALAVATTNET	640231.1N 0153914.0E (*)	476	2136	FLG R	Wind turbine
	9518	ALAVATTNET	640239.3N 0153921.6E (*)	476	2146	FLG R	Wind turbine
	9519	ALAVATTNET	640244.1N 0153943.1E (*)	476	2169	FLG R	Wind turbine
	9520	URSÅSEN	640217.8N 0154009.5E (*)	476	2211	FLG R	Wind turbine
	9521	URSÅSEN	640206.7N 0153930.5E (*)	476	2231	FLG R	Wind turbine
	9522	URSÅSEN	640208.7N 0153952.4E (*)	476	2221	FLG R	Wind turbine
	9523	URSÅSEN	640231.0N 0153945.3E (*)	476	2208	FLG R	Wind turbine
	9524	URSÅSEN	640236.6N 0154016.1E (*)	476	2175	FLG R	Wind turbine
	9525	URSÅSEN	640219.2N 0153931.7E (*)	476	2241	FLG R	Wind turbine
	9565	TORPET	640134.3N 0154427.6E (*)	476	2146	FLG R	Wind turbine
	9566	TORPET	640132.7N 0154456.0E (*)	476	2169	FLG R	Wind turbine
	9567	TORPET	640153.1N 0154515.1E (*)	476	2103	FLG R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	9568	URSÅSEN	640153.3N 0154548.7E (*)	476	2126	FLG R	Wind turbine
	9569	TORPET	640207.7N 0154519.5E (*)	476	2139	FLG R	Wind turbine
	9570	TORPET	640209.3N 0154555.3E (*)	476	2165	FLG R	Wind turbine
	9571	TORPET	640204.1N 0154631.1E (*)	476	2106	FLG R	Wind turbine
	9572	TORPET	640215.6N 0154453.2E (*)	476	2192	FLG R	Wind turbine
	9573	TORPET	640221.8N 0154519.7E (*)	476	2152	FLG R	Wind turbine
	9574	TORPET	640231.1N 0154547.7E (*)	476	2149	FLG R	Wind turbine
	9575	TORPET	640220.4N 0154554.8E (*)	476	2133	FLG R	Wind turbine
	9576	TORPET	640236.3N 0154613.9E (*)	476	2182	FLG R	Wind turbine
	9577	TORPET	640246.3N 0154618.6E (*)	476	2182	FLG R	Wind turbine
	9578	TORPET	640257.8N 0154610.1E (*)	476	2185	FLG R	Wind turbine
	9579	TORPET	640310.0N 0154611.0E (*)	476	2175	FLG R	Wind turbine
	9580	TORPET	640319.5N 0154614.6E (*)	476	2142	FLG R	Wind turbine
	9635	ALAVATTNET	640635.0N 0154201.3E (*)	476	2238	FLG R	Wind turbine
	9636	ALAVATTNET	640644.7N 0154217.4E (*)	476	2188	F R	Wind turbine
	9637	ALAVATTNET	640634.6N 0154239.7E (*)	476	2264	F R	Wind turbine
	9638	ALAVATTNET	640643.9N 0154249.7E (*)	476	2231	FLG R	Wind turbine
	9639	ALAVATTNET	640626.0N 0154220.7E (*)	476	2254	F R	Wind turbine
	9640	ALAVATTNET	640623.5N 0154351.3E (*)	476	2369	F R	Wind turbine
	9641	ALAVATTNET	640637.2N 0154441.0E (*)	476	2359	FLG R	Wind turbine
	9642	ALAVATTNET	640631.1N 0154422.9E (*)	476	2388	F R	Wind turbine
	9643	ALAVATTNET	640607.3N 0154308.6E (*)	476	2362	FLG R	Wind turbine
	9644	ALAVATTNET	640619.4N 0154447.9E (*)	476	2385	F R	Wind turbine
	9645	ALAVATTNET	640529.1N 0154313.2E (*)	476	2405	FLG R	Wind turbine
	9646	ALAVATTNET	640540.7N 0154315.8E (*)	476	2461	F R	Wind turbine
	9647	ALAVATTNET	640552.7N 0154330.2E (*)	476	2493	F R	Wind turbine
	9648	ALAVATTNET	640541.4N 0154350.1E (*)	476	2497	F R	Wind turbine
	9649	ALAVATTNET	640548.1N 0154402.7E (*)	476	2520	F R	Wind turbine
	9650	ALAVATTNET	640532.8N 0154405.3E (*)	476	2572	FLG R	Wind turbine
	9651	ALAVATTNET	640536.8N 0154430.8E (*)	476	2549	F R	Wind turbine
	9652	ALAVATTNET	640545.3N 0154444.4E (*)	476	2526	F R	Wind turbine
	9653	ALAVATTNET	640556.6N 0154447.4E (*)	476	2497	F R	Wind turbine
	9654	ALAVATTNET	640602.9N 0154510.0E (*)	476	2484	FLG R	Wind turbine
	9655	ALAVATTNET	640542.4N 0154510.3E (*)	476	2493	FLG R	Wind turbine
	13092	TÅSJÖ	641357.9N 0155608.1E (*)	963	3020	F R/FLG W	Mast
64N 16E	11255	HEMBERGET	640553.6N 0163556.7E (*)	328	1877	F R	Mast
	12455	STORUMAN	645837.2N 0164432.4E (*)	591	2231	FLG W	Mast
64N 17E	8934	SKARVSJÖBY	645845.4N 0170408.3E (*)	338	2110	F R	Wind turbine
	9151	STORBERGSKULLEN	641427.0N 0170507.8E (*)	328	2231	F R	Mast
	9995	LEDNINGSVALL	642717.4N 0175745.1E (*)	404	2343	F R	Mast
	10096	LATIKBERGET	643929.3N 0170330.3E (*)	420	2323	FLG R	Wind turbine
	10458	PAULIDEN	644919.7N 0173420.6E (*)	394	2169	F R	Mast
	10459	RÅFTBERGET	644832.1N 0172127.9E (*)	394	2306	F R	Mast
	10696	VÄSTER-STORSJÖ	640840.6N 0173426.8E (*)	394	2080	F R	Mast
	11018	RISTRÅSK	644442.5N 0172358.6E (*)	328	2372	FLG R	Wind turbine
	14126	ÅSELE	641413.2N 0171349.8E (*)	492	2178	F R	Wind turbine
	14127	ÅSELE	641400.0N 0171338.4E (*)	492	2244	F R	Wind turbine
	14128	ÅSELE	641352.4N 0171402.6E (*)	492	2198	F R	Wind turbine
	14129	ÅSELE	641339.1N 0171415.9E (*)	492	2087	F R	Wind turbine
64N 18E	533	LYCKSELE/KNAFTEN	642849.0N 0183505.1E	1070	2600	F R/FLG W	Mast
	2838	BÅLFORSEN	643946.0N 0182302.2E	394	1645	F R	Mast
	9855	STOR-ROTLIDEN	641237.0N 0182317.7E (*)	459	2156	FLG R	Wind turbine
	9856	STOR-ROTLIDEN	641300.1N 0182344.4E (*)	459	2215	FLG R	Wind turbine
	9857	STOR-ROTLIDEN	641245.8N 0182343.3E (*)	459	2133	FLG R	Wind turbine
	9858	STOR-ROTLIDEN	641401.5N 0182348.1E (*)	459	2238	FLG R	Wind turbine
	9859	STOR-ROTLIDEN	641342.1N 0182313.4E (*)	459	2244	FLG R	Wind turbine
	9860	STOR-ROTLIDEN	641338.5N 0182237.1E (*)	459	2254	F R	Wind turbine
	9861	STOR-ROTLIDEN	641326.1N 0182243.9E (*)	459	2277	FLG R	Wind turbine
	9862	STOR-ROTLIDEN	641311.7N 0182247.2E (*)	459	2280	FLG R	Wind turbine
	9863	STOR-ROTLIDEN	641300.1N 0182259.8E (*)	459	2346	F R	Wind turbine
	9864	STOR-ROTLIDEN	641247.9N 0182304.7E (*)	459	2313	F R	Wind turbine
	9891	STOR-ROTLIDEN	641240.5N 0182156.8E (*)	459	2057	FLG R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	9892	STOR-ROTLIDEN	641248.3N 0182131.0E (*)	459	2034	FLG R	Wind turbine
	9893	STOR-ROTLIDEN	641302.5N 0182134.7E (*)	459	2123	FLG R	Wind turbine
	9894	STOR-ROTLIDEN	641233.6N 0182242.6E (*)	459	2106	FLG R	Wind turbine
	9895	STOR-ROTLIDEN	641247.2N 0182232.8E (*)	459	2188	F R	Wind turbine
	9896	STOR-ROTLIDEN	641259.4N 0182221.1E (*)	459	2264	F R	Wind turbine
	9897	STOR-ROTLIDEN	641310.3N 0182206.6E (*)	459	2283	F R	Wind turbine
	9898	STOR-ROTLIDEN	641319.6N 0182145.7E (*)	459	2231	F R	Wind turbine
	9899	STOR-ROTLIDEN	641326.6N 0182123.0E (*)	459	2165	FLG R	Wind turbine
	9900	STOR-ROTLIDEN	641337.6N 0182106.8E (*)	459	2126	FLG R	Wind turbine
	9901	STOR-ROTLIDEN	641349.5N 0182100.1E (*)	459	2080	FLG R	Wind turbine
	9902	STOR-ROTLIDEN	641337.8N 0182203.9E (*)	459	2297	F R	Wind turbine
	9903	STOR-ROTLIDEN	641346.3N 0182143.3E (*)	459	2224	F R	Wind turbine
	9904	STOR-ROTLIDEN	641408.3N 0182111.0E (*)	459	2051	FLG R	Wind turbine
	9905	STOR-ROTLIDEN	641429.4N 0182102.4E (*)	459	2054	FLG R	Wind turbine
	9906	STOR-ROTLIDEN	641419.6N 0182123.2E (*)	459	2119	F R	Wind turbine
	9907	STOR-ROTLIDEN	641441.9N 0182132.5E (*)	459	2057	FLG R	Wind turbine
	9908	STOR-ROTLIDEN	641406.8N 0182243.9E (*)	459	2182	F R	Wind turbine
	9909	STOR-ROTLIDEN	641415.4N 0182225.5E (*)	459	2198	F R	Wind turbine
	9910	STOR-ROTLIDEN	641425.6N 0182211.7E (*)	459	2182	F R	Wind turbine
	9916	STOR-ROTLIDEN	641432.8N 0182149.9E (*)	459	2172	F R	Wind turbine
	9917	STOR-ROTLIDEN	641454.7N 0182228.0E (*)	459	2011	FLG R	Wind turbine
	9918	STOR-ROTLIDEN	641442.4N 0182335.2E (*)	459	2162	FLG R	Wind turbine
	9919	STOR-ROTLIDEN	641434.0N 0182355.0E (*)	459	2224	FLG R	Wind turbine
	9920	STOR-ROTLIDEN	641419.3N 0182418.3E (*)	459	2306	FLG R	Wind turbine
	9921	STOR-ROTLIDEN	641409.9N 0182427.9E (*)	459	2313	FLG R	Wind turbine
	9922	STOR-ROTLIDEN	641418.8N 0182346.1E (*)	459	2333	F R	Wind turbine
	9923	STOR-ROTLIDEN	641424.2N 0182319.3E (*)	459	2277	F R	Wind turbine
	9924	STOR-ROTLIDEN	641434.9N 0182301.4E (*)	459	2215	F R	Wind turbine
	9925	STOR-ROTLIDEN	641447.9N 0182258.0E (*)	459	2077	FLG R	Wind turbine
	14569	FÄBODBERGET	641405.8N 0182952.4E	591	2156	FLG W	Wind turbine
	14570	FÄBODBERGET	641355.2N 0183009.9E	591	2232	F R	Wind turbine
	14571	FÄBODBERGET	641356.7N 0183042.7E	591	2323	F R	Wind turbine
	14572	FÄBODBERGET	641347.5N 0183109.2E	591	2234	FLG W	Wind turbine
	14573	FÄBODBERGET	641336.2N 0183036.5E	591	2215	F R	Wind turbine
	14574	FÄBODBERGET	641351.1N 0182853.0E	591	2203	FLG W	Wind turbine
	14575	FÄBODBERGET	641343.1N 0182917.5E	591	2203	F R	Wind turbine
	14576	FÄBODBERGET	641340.7N 0182830.2E	591	2148	F R	Wind turbine
	14577	FÄBODBERGET	641330.4N 0182811.3E	591	2125	F R	Wind turbine
	14578	FÄBODBERGET	641327.1N 0182905.3E	591	2248	F R	Wind turbine
	14579	FÄBODBERGET	641317.7N 0182936.2E	591	2179	F R	Wind turbine
	14580	FÄBODBERGET	641306.2N 0182920.5E	591	2160	F R	Wind turbine
	14581	FÄBODBERGET	641315.5N 0182746.4E	591	2170	FLG W	Wind turbine
	14582	FÄBODBERGET	641310.0N 0182811.8E	591	2141	F R	Wind turbine
	14583	FÄBODBERGET	641236.4N 0182719.6E	591	2238	F R	Wind turbine
	14584	FÄBODBERGET	641245.2N 0182742.6E	591	2228	F R	Wind turbine
	14585	FÄBODBERGET	641238.9N 0182810.3E	591	2288	F R	Wind turbine
	14586	FÄBODBERGET	641236.7N 0182844.6E	591	2400	F R	Wind turbine
	14587	FÄBODBERGET	641222.3N 0182854.1E	591	2240	FLG W	Wind turbine
	14588	FÄBODBERGET	641224.2N 0182704.3E	591	2176	FLG W	Wind turbine
	14589	FÄBODBERGET	641216.7N 0182735.4E	591	2233	F R	Wind turbine
	14590	FÄBODBERGET	641211.0N 0182840.8E	591	2298	F R	Wind turbine
	14591	FÄBODBERGET	641155.4N 0182727.3E	591	2205	F R	Wind turbine
	14592	FÄBODBERGET	641151.0N 0182755.7E	591	2360	F R	Wind turbine
	14593	FÄBODBERGET	641143.9N 0182821.0E	591	2389	F R	Wind turbine
	14594	FÄBODBERGET	641137.9N 0182733.3E	591	2308	F R	Wind turbine
	14595	FÄBODBERGET	641131.9N 0182808.9E	591	2332	F R	Wind turbine
	14596	FÄBODBERGET	641129.4N 0182710.2E	591	2247	FLG W	Wind turbine
	14597	FÄBODBERGET	641121.5N 0182746.2E	591	2289	F R	Wind turbine
	14598	FÄBODBERGET	641113.6N 0182809.6E	591	2195	F R	Wind turbine
	14599	FÄBODBERGET	641110.3N 0182724.8E	591	2207	F R	Wind turbine
	14600	FÄBODBERGET	641059.7N 0182752.8E	591	2219	F R	Wind turbine
	14601	FÄBODBERGET	641053.6N 0182818.9E	591	2204	FLG W	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	14638	BLAKLIDEN	640130.1N 0180808.8E	591	2379	F R	Wind turbine
	14639	BLAKLIDEN	640143.8N 0180715.0E	591	2349	F R	Wind turbine
	14640	BLAKLIDEN	640258.5N 0180653.8E	591	2264	F R	Wind turbine
	14641	BLAKLIDEN	640218.0N 0180857.0E	591	2343	F R	Wind turbine
	14642	BLAKLIDEN	640153.4N 0180622.5E	591	2270	FLG W	Wind turbine
	14643	BLAKLIDEN	640120.8N 0180708.9E	591	2316	F R	Wind turbine
	14644	BLAKLIDEN	640110.5N 0180547.9E	591	2188	FLG W	Wind turbine
	14645	BLAKLIDEN	640133.1N 0180839.8E	591	2339	FLG W	Wind turbine
	14646	BLAKLIDEN	640215.2N 0180817.0E	591	2297	F R	Wind turbine
	14647	BLAKLIDEN	640140.1N 0180604.4E	591	2247	F R	Wind turbine
	14648	BLAKLIDEN	640215.5N 0180705.2E	591	2267	F R	Wind turbine
	14649	BLAKLIDEN	640146.0N 0180820.5E	591	2343	F R	Wind turbine
	14650	BLAKLIDEN	640307.4N 0180837.3E	591	2201	FLG W	Wind turbine
	14651	BLAKLIDEN	640313.1N 0180626.3E	591	2172	FLG W	Wind turbine
	14652	BLAKLIDEN	640118.9N 0180617.0E	591	2208	F R	Wind turbine
	14653	BLAKLIDEN	640231.0N 0180740.2E	591	2247	F R	Wind turbine
	14654	BLAKLIDEN	640202.0N 0180650.1E	591	2234	F R	Wind turbine
	14655	BLAKLIDEN	640106.9N 0180645.6E	591	2244	F R	Wind turbine
	14656	BLAKLIDEN	640232.9N 0180845.2E	591	2264	FLG W	Wind turbine
	14657	BLAKLIDEN	640103.3N 0180801.8E	591	2218	FLG W	Wind turbine
	14658	BLAKLIDEN	640318.7N 0180500.2E	591	2106	FLG W	Wind turbine
	14659	BLAKLIDEN	640309.1N 0180531.0E	591	2126	F R	Wind turbine
	14660	BLAKLIDEN	640056.7N 0180731.7E	591	2241	F R	Wind turbine
	14661	BLAKLIDEN	640313.7N 0180800.4E	591	2201	F R	Wind turbine
	14662	BLAKLIDEN	640157.8N 0180748.1E	591	2287	F R	Wind turbine
	14663	BLAKLIDEN	640123.6N 0180742.2E	591	2320	F R	Wind turbine
	14664	BLAKLIDEN	640133.3N 0180655.0E	591	2343	F R	Wind turbine
	14665	BLAKLIDEN	640248.9N 0180844.3E	591	2215	F R	Wind turbine
	14666	BLAKLIDEN	640546.8N 0180358.8E	591	2480	F R	Wind turbine
	14667	BLAKLIDEN	640538.0N 0180309.9E	591	2411	F R	Wind turbine
	14668	BLAKLIDEN	640555.9N 0180423.4E	591	2356	F R	Wind turbine
	14669	BLAKLIDEN	640535.0N 0180348.5E	591	2444	F R	Wind turbine
	14670	BLAKLIDEN	640542.7N 0180433.9E	591	2365	F R	Wind turbine
	14671	BLAKLIDEN	640525.0N 0180257.6E	591	2352	F R	Wind turbine
	14672	BLAKLIDEN	640519.5N 0180414.8E	591	2405	F R	Wind turbine
	14673	BLAKLIDEN	640553.2N 0180454.3E	591	2205	F R	Wind turbine
	14674	BLAKLIDEN	640516.6N 0180523.8E	591	2280	F R	Wind turbine
	14675	BLAKLIDEN	640507.4N 0180435.8E	591	2280	F R	Wind turbine
	14676	BLAKLIDEN	640525.9N 0180329.3E	591	2352	F R	Wind turbine
	14677	BLAKLIDEN	640549.1N 0180327.0E	591	2320	F R	Wind turbine
	14678	BLAKLIDEN	640536.6N 0180506.9E	591	2172	F R	Wind turbine
	14679	BLAKLIDEN	640532.4N 0180231.8E	591	2201	FLG W	Wind turbine
	14680	BLAKLIDEN	640507.6N 0180359.0E	591	2228	F R	Wind turbine
	14681	BLAKLIDEN	640603.3N 0180355.4E	591	2162	F R	Wind turbine
	14682	BLAKLIDEN	640453.7N 0180339.2E	591	2136	F R	Wind turbine
	14683	BLAKLIDEN	640457.0N 0180530.6E	591	2133	F R	Wind turbine
	14684	BLAKLIDEN	640608.0N 0180436.9E	591	2100	FLG W	Wind turbine
	14685	BLAKLIDEN	640515.4N 0180558.8E	591	2149	FLG W	Wind turbine
	14686	BLAKLIDEN	640459.4N 0180257.0E	591	2106	FLG W	Wind turbine
	14687	BLAKLIDEN	640513.8N 0180226.7E	591	2106	F R	Wind turbine
	14688	FÄBODBERGET	641403.1N 0182903.1E	591	2185	F R	Wind turbine
64N 19E	10415	VINDELN	641522.3N 0194628.2E (*)	492	1398	F R	Mast
	12491	VINDELN	641823.2N 0195612.8E (*)	607	1854	F R/FLG W	Wind turbine
	12492	VINDELN	641808.7N 0195642.3E (*)	607	1824	F R/FLG W	Wind turbine
	12493	VINDELN	641809.0N 0195800.6E (*)	607	1896	F R/FLG W	Wind turbine
	12494	VINDELN	641752.3N 0195831.1E (*)	607	1900	F R/FLG W	Wind turbine
	12495	VINDELN	641805.1N 0195927.4E (*)	607	1785	F R/FLG W	Wind turbine
	12497	VINDELN	641743.2N 0195914.2E (*)	607	1834	F R/FLG W	Wind turbine
	12498	VINDELN	641726.3N 0195855.5E (*)	607	1883	F R/FLG W	Wind turbine
	12499	VINDELN	641715.4N 0195928.9E (*)	607	1772	F R/FLG W	Wind turbine
	12500	VINDELN	641717.7N 0195753.6E (*)	607	1808	F R/FLG W	Wind turbine
	12501	VINDELN	641745.4N 0195711.6E (*)	607	1870	F R/FLG W	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	12502	VINDELN	641724.9N 0195714.6E (*)	607	1752	F R/FLG W	Wind turbine
	12503	VINDELN	641726.3N 0195632.4E (*)	607	1785	F R/FLG W	Wind turbine
	12504	VINDELN	641742.2N 0195622.5E (*)	607	1850	F R/FLG W	Wind turbine
	12505	VINDELN	641705.0N 0195710.5E (*)	607	1824	F R/FLG W	Wind turbine
	12506	VINDELN	641711.4N 0195601.1E (*)	607	1759	F R/FLG W	Wind turbine
	12507	VINDELN	641656.8N 0195523.6E (*)	607	1690	F R/FLG W	Wind turbine
	12508	VINDELN	641657.1N 0195441.4E (*)	607	1673	F R/FLG W	Wind turbine
	12509	VINDELN	641718.9N 0195523.1E (*)	607	1762	F R/FLG W	Wind turbine
	12510	VINDELN	641723.5N 0195426.9E (*)	607	1703	F R/FLG W	Wind turbine
	12511	VINDELN	641750.6N 0195518.6E (*)	607	1824	F R/FLG W	Wind turbine
	12512	VINDELN	641742.7N 0195440.5E (*)	607	1749	F R/FLG W	Wind turbine
	12513	VINDELN	641805.5N 0195450.8E (*)	607	1818	F R/FLG W	Wind turbine
	12514	VINDELN	641820.5N 0195414.8E (*)	607	1693	F R/FLG W	Wind turbine
	15842	FÄBODLIDEN	641735.8N 0195334.4E	755	1837	FLG W	Wind turbine
	15843	FÄBODLIDEN	641755.3N 0195407.0E	755	1919	F R	Wind turbine
	15844	FÄBODLIDEN	641820.6N 0195509.9E	755	1978	F R	Wind turbine
	15845	FÄBODLIDEN	641801.5N 0195546.1E	755	2031	F R	Wind turbine
64N 20E	541	SKELLEFTEÄ/PRÄSTFÄBOBERGET 1	644627.0N 0205708.4E	1070	1479	F R/FLG W	Mast
	985	BOLIDEN 2	645214.7N 0202140.7E	328	1071	F R	Mine hoist
	9728	ROBERTSFORS	641046.8N 0205958.0E (*)	456	600	F R	Wind turbine
	9960	SÖRBYN	643629.8N 0202351.2E (*)	394	1296	F R	Mast
	10621	BOTSMARK	641553.8N 0201923.1E (*)	328	1270	F R	Mast
	11531	BOTSMARK	641816.1N 0202023.9E (*)	394	1444	F R	Mast
	11536	STORLIDEN	642445.9N 0201546.5E (*)	394	1437	F R	Mast
	11621	ROBERTSFORS	641013.0N 0205945.3E (*)	492	614	FLG R	Wind turbine
	11622	ROBERTSFORS	641029.6N 0205959.8E (*)	492	614	FLG R	Wind turbine
	11623	ROBERTSFORS	641013.3N 0205907.0E (*)	492	614	FLG R	Wind turbine
	12496	VINDELN	641739.4N 0200006.1E (*)	607	1739	F R/FLG W	Wind turbine
	14292	BOTSMARK	641833.7N 0201810.4E	656	1644	FLG W	Wind turbine
	14293	BOTSMARK	641815.8N 0201822.4E	656	1696	F R	Wind turbine
	14294	BOTSMARK	641802.9N 0201749.4E	656	1696	F R	Wind turbine
	14295	BOTSMARK	641759.8N 0201828.0E	656	1660	FLG W	Wind turbine
	14296	BOTSMARK	641726.8N 0201742.3E	656	1667	F R	Wind turbine
	14297	BOTSMARK	641726.9N 0201656.5E	656	1729	FLG W	Wind turbine
	14298	BOTSMARK	641712.4N 0201856.9E	656	1706	FLG W	Wind turbine
	14299	BOTSMARK	641711.8N 0201723.3E	656	1762	F R	Wind turbine
	14300	BOTSMARK	641711.8N 0201639.3E	656	1624	F R	Wind turbine
	14301	BOTSMARK	641703.9N 0201759.1E	656	1722	F R	Wind turbine
	14302	BOTSMARK	641657.6N 0201915.0E	656	1680	F R	Wind turbine
	14303	BOTSMARK	641653.0N 0201829.2E	656	1745	F R	Wind turbine
	14304	BOTSMARK	641655.8N 0201613.8E	656	1680	FLG W	Wind turbine
	14305	BOTSMARK	641652.7N 0201650.9E	656	1706	F R	Wind turbine
	14306	BOTSMARK	641648.6N 0201730.8E	656	1716	F R	Wind turbine
	14307	BOTSMARK	641639.1N 0201801.8E	656	1814	F R	Wind turbine
	14308	BOTSMARK	641636.6N 0201908.6E	656	1611	F R	Wind turbine
	14309	BOTSMARK	641640.0N 0201626.0E	656	1670	F R	Wind turbine
	14310	BOTSMARK	641636.5N 0201703.1E	656	1785	F R	Wind turbine
	14311	BOTSMARK	641626.3N 0201825.5E	656	1716	F R	Wind turbine
	14312	BOTSMARK	641625.4N 0201935.3E	656	1598	FLG W	Wind turbine
	14313	BOTSMARK	641627.0N 0201733.9E	656	1765	F R	Wind turbine
	14314	BOTSMARK	641618.0N 0201902.2E	656	1640	F R	Wind turbine
	14315	BOTSMARK	641614.5N 0201759.5E	656	1660	F R	Wind turbine
	14316	BOTSMARK	641611.6N 0201707.5E	656	1627	FLG W	Wind turbine
	14750	BLÅBERGSLIDEN	643732.4N 0201937.6E	656	1552	FLG W	Wind turbine
	14751	BLÅBERGSLIDEN	643714.6N 0202004.3E	656	1621	F R	Wind turbine
	14752	BLÅBERGSLIDEN	643651.1N 0202101.6E	656	1572	FLG W	Wind turbine
	14753	BLÅBERGSLIDEN	643626.4N 0202140.5E	656	1503	FLG W	Wind turbine
	14754	BLÅBERGSLIDEN	643612.2N 0202054.4E	656	1499	F R	Wind turbine
	14755	BLÅBERGSLIDEN	643553.3N 0202124.9E	656	1440	F R	Wind turbine
	14756	BLÅBERGSLIDEN	643515.6N 0202135.6E	656	1490	F R	Wind turbine
	14757	BLÅBERGSLIDEN	643501.1N 0202156.9E	656	1470	FLG W	Wind turbine
	14758	BLÅBERGSLIDEN	643507.9N 0202030.7E	656	1467	F R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	14759	BLÄBERGSLIDEN	643518.8N 0201958.2E	656	1499	F R	Wind turbine
	14760	BLÄBERGSLIDEN	643452.8N 0201944.1E	656	1519	F R	Wind turbine
	14761	BLÄBERGSLIDEN	643510.6N 0201850.2E	656	1572	FLG W	Wind turbine
	14762	BLÄBERGSLIDEN	643609.4N 0201945.0E	656	1470	F R	Wind turbine
	14763	BLÄBERGSLIDEN	643634.2N 0201855.9E	656	1555	F R	Wind turbine
	14764	BLÄBERGSLIDEN	643637.5N 0201951.0E	656	1565	F R	Wind turbine
	14765	BLÄBERGSLIDEN	643656.5N 0202002.3E	656	1562	F R	Wind turbine
	14766	BLÄBERGSLIDEN	643640.1N 0201743.3E	656	1594	FLG W	Wind turbine
	14767	BLÄBERGSLIDEN	643651.2N 0201830.9E	656	1647	F R	Wind turbine
	14768	BLÄBERGSLIDEN	643655.0N 0201914.7E	656	1680	F R	Wind turbine
	14769	BLÄBERGSLIDEN	643710.2N 0201848.8E	656	1719	F R	Wind turbine
	14770	BLÄBERGSLIDEN	643718.9N 0201817.7E	656	1726	F R	Wind turbine
	14771	BLÄBERGSLIDEN	643730.1N 0201851.9E	656	1696	F R	Wind turbine
	14772	BLÄBERGSLIDEN	643746.9N 0201818.9E	656	1745	FLG W	Wind turbine
	14773	BLÄBERGSLIDEN	643551.8N 0201912.6E	656	1562	F R	Wind turbine
	14774	BLÄBERGSLIDEN	643535.4N 0201913.8E	656	1568	F R	Wind turbine
	14775	BLÄBERGSLIDEN	643440.8N 0202004.1E	656	1486	FLG W	Wind turbine
	15094	BOLIDEN	645936.1N 0201949.1E	656	1814	FLG W	Wind turbine
	15095	BOLIDEN	645946.1N 0202030.7E	656	1755	FLG W	Wind turbine
64N 21E	546	RÖNNSKÄRSVERKEN	644005.1N 0211628.8E (*)	338	354	-	Chimney
	9726	ROBERTSFORS	641042.1N 0210051.0E (*)	456	548	F R	Wind turbine
	9727	ROBERTSFORS	641101.5N 0210101.2E (*)	456	568	F R	Wind turbine
	9729	ROBERTSFORS	641058.3N 0210015.0E (*)	456	610	F R	Wind turbine
	9730	ROBERTSFORS	641109.1N 0210029.7E (*)	456	620	F R	Wind turbine
	9731	ROBERTSFORS	641118.7N 0210043.6E (*)	456	630	F R	Wind turbine
65N 15E	9510	GARDFJÄLLET	652411.6N 0155146.8E (*)	335	3550	F R	Mast
65N 16E	555	STORUMAN	650354.0N 0165626.2E	1070	2821	F R/FLG W	Mast
65N 17E	9440	STORBLAIKEN	651725.6N 0170842.8E (*)	486	2822	F R	Mast
	9559	ULJABUOUDA	655806.1N 0173637.5E (*)	410	2867	FLG R	Wind turbine
	9560	ULJABUOUDA	655817.9N 0173649.0E (*)	410	2844	FLG R	Wind turbine
	9561	ULJABUOUDA	655808.4N 0173718.2E (*)	410	2943	FLG R	Wind turbine
	9562	ULJABUOUDA	655806.3N 0173804.9E (*)	410	2940	FLG R	Wind turbine
	9866	ULJABUOUDA	655753.4N 0173624.6E (*)	410	2854	FLG R	Wind turbine
	9867	ULJABUOUDA	655743.6N 0173700.3E (*)	410	2871	FLG R	Wind turbine
	9868	ULJABUOUDA	655738.6N 0173634.7E (*)	410	2881	FLG R	Wind turbine
	9869	ULJABUOUDA	655753.9N 0173730.1E (*)	410	2910	FLG R	Wind turbine
	9870	ULJABUOUDA	655745.2N 0173759.6E (*)	410	2822	FLG R	Wind turbine
	9871	ULJABUOUDA	655753.1N 0173818.5E (*)	410	2822	FLG R	Wind turbine
	10716	STORBLAIKEN	651537.4N 0171851.8E (*)	489	2713	FLG R	Wind turbine
	10718	STORBLAIKEN	651550.8N 0171819.0E (*)	489	2835	FLG R	Wind turbine
	10719	STORBLAIKEN	651513.5N 0171757.8E (*)	489	2730	FLG R	Wind turbine
	10720	STORBLAIKEN	651600.2N 0171742.9E (*)	489	2785	FLG R	Wind turbine
	10721	STORBLAIKEN	651542.5N 0171739.5E (*)	489	2900	FLG R	Wind turbine
	10722	STORBLAIKEN	651522.6N 0171718.8E (*)	489	2890	FLG R	Wind turbine
	10723	STORBLAIKEN	651530.3N 0171810.2E (*)	489	2805	FLG R	Wind turbine
	10724	STORBLAIKEN	651552.3N 0171701.9E (*)	489	2802	FLG R	Wind turbine
	10725	STORBLAIKEN	651537.5N 0171645.0E (*)	489	2838	FLG R	Wind turbine
	10726	STORBLAIKEN	651520.5N 0171630.8E (*)	489	2759	FLG R	Wind turbine
	10727	STORBLAIKEN	651613.7N 0171614.9E (*)	489	2726	FLG R	Wind turbine
	10728	STORBLAIKEN	651554.8N 0171615.5E (*)	489	2835	FLG R	Wind turbine
	10729	STORBLAIKEN	651536.6N 0171556.4E (*)	489	2785	FLG R	Wind turbine
	10730	STORBLAIKEN	651622.7N 0171533.7E (*)	489	2717	FLG R	Wind turbine
	10731	STORBLAIKEN	651607.0N 0171531.7E (*)	489	2808	FLG R	Wind turbine
	10732	STORBLAIKEN	651550.1N 0171531.0E (*)	489	2851	FLG R	Wind turbine
	10733	STORBLAIKEN	651630.8N 0171453.3E (*)	489	2759	FLG R	Wind turbine
	10734	STORBLAIKEN	651614.8N 0171449.9E (*)	489	2841	FLG R	Wind turbine
	10735	STORBLAIKEN	651558.4N 0171451.2E (*)	489	2894	FLG R	Wind turbine
	10736	STORBLAIKEN	651541.0N 0171452.5E (*)	489	2782	FLG R	Wind turbine
	10737	STORBLAIKEN	651638.6N 0171412.6E (*)	489	2785	FLG R	Wind turbine
	10738	STORBLAIKEN	651622.1N 0171406.8E (*)	489	2841	FLG R	Wind turbine
	10739	STORBLAIKEN	651606.0N 0171410.4E (*)	489	2867	FLG R	Wind turbine
	10740	STORBLAIKEN	651628.6N 0171323.8E (*)	489	2874	FLG R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	10741	STORBLAIKEN	651612.3N 0171306.8E (*)	489	2799	FLG R	Wind turbine
	10742	STORBLAIKEN	651642.3N 0171245.0E (*)	489	2841	FLG R	Wind turbine
	10743	STORBLAIKEN	651626.9N 0171231.3E (*)	489	2841	FLG R	Wind turbine
	10744	STORBLAIKEN	651638.4N 0171157.7E (*)	489	2802	FLG R	Wind turbine
	10745	STORBLAIKEN	651655.2N 0171118.6E (*)	489	2828	FLG R	Wind turbine
	10746	STORBLAIKEN	651714.6N 0171115.9E (*)	489	2802	FLG R	Wind turbine
	11302	STORBLAIKEN	651616.3N 0171740.0E (*)	489	2644	FLG R	Wind turbine
	11303	STORBLAIKEN	651624.5N 0171652.2E (*)	489	2628	FLG R	Wind turbine
	11304	STORBLAIKEN	651608.3N 0171659.6E (*)	489	2726	FLG R	Wind turbine
	11305	STORBLAIKEN	651632.2N 0171610.8E (*)	489	2631	FLG R	Wind turbine
	11306	STORBLAIKEN	651640.2N 0171530.3E (*)	489	2635	FLG R	Wind turbine
	11307	STORBLAIKEN	651651.7N 0171440.0E (*)	489	2638	FLG R	Wind turbine
	11308	STORBLAIKEN	651549.4N 0171413.0E (*)	489	2776	FLG R	Wind turbine
	11309	STORBLAIKEN	651701.0N 0171359.4E (*)	489	2644	FLG R	Wind turbine
	11310	STORBLAIKEN	651647.4N 0171330.4E (*)	489	2802	FLG R	Wind turbine
	11311	STORBLAIKEN	651557.4N 0171331.6E (*)	489	2769	FLG R	Wind turbine
	11312	STORBLAIKEN	651557.0N 0171245.6E (*)	489	2710	FLG R	Wind turbine
	11313	STORBLAIKEN	651657.7N 0171254.5E (*)	489	2746	FLG R	Wind turbine
	11314	STORBLAIKEN	651610.9N 0171220.7E (*)	489	2759	FLG R	Wind turbine
	11315	STORBLAIKEN	651654.3N 0171208.5E (*)	489	2782	FLG R	Wind turbine
	11316	STORBLAIKEN	651622.3N 0171140.5E (*)	489	2736	FLG R	Wind turbine
	11317	STORBLAIKEN	651714.4N 0171203.7E (*)	489	2766	FLG R	Wind turbine
	11318	STORBLAIKEN	651640.6N 0171058.2E (*)	489	2799	FLG R	Wind turbine
	11319	STORBLAIKEN	651728.8N 0171142.7E (*)	489	2769	FLG R	Wind turbine
	11320	STORBLAIKEN	651704.9N 0171040.0E (*)	489	2808	FLG R	Wind turbine
	11321	STORBLAIKEN	651650.4N 0171018.6E (*)	489	2769	FLG R	Wind turbine
	11322	STORBLAIKEN	651750.5N 0171115.0E (*)	489	2694	FLG R	Wind turbine
	11323	STORBLAIKEN	651735.1N 0171100.2E (*)	489	2789	FLG R	Wind turbine
	11324	STORBLAIKEN	651721.5N 0171034.9E (*)	489	2818	FLG R	Wind turbine
	11325	STORBLAIKEN	651705.3N 0170953.2E (*)	489	2776	FLG R	Wind turbine
	11326	STORBLAIKEN	651754.2N 0171028.7E (*)	489	2753	FLG R	Wind turbine
	11327	STORBLAIKEN	651750.5N 0170942.9E (*)	489	2795	FLG R	Wind turbine
	11328	STORBLAIKEN	651738.7N 0171014.9E (*)	489	2802	FLG R	Wind turbine
	11329	STORBLAIKEN	651732.3N 0170932.4E (*)	489	2808	FLG R	Wind turbine
	11330	STORBLAIKEN	651731.5N 0170845.8E (*)	489	2812	FLG R	Wind turbine
	11331	STORBLAIKEN	651716.3N 0170832.2E (*)	489	2808	FLG R	Wind turbine
	12273	BLAIKEN	651710.8N 0171322.4E (*)	476	2615	FLG R	Wind turbine
	12274	BLAIKEN	651721.9N 0171245.5E (*)	476	2625	FLG R	Wind turbine
	12275	BLAIKEN	651624.0N 0171052.6E (*)	476	2680	FLG R	Wind turbine
	12276	BLAIKEN	651744.0N 0171157.8E (*)	476	2615	FLG R	Wind turbine
	12277	BLAIKEN	651628.3N 0171004.2E (*)	476	2664	FLG R	Wind turbine
	12278	BLAIKEN	651642.3N 0170936.4E (*)	476	2707	FLG R	Wind turbine
	12279	BLAIKEN	651630.4N 0170913.4E (*)	476	2618	FLG R	Wind turbine
	12280	BLAIKEN	651809.9N 0171045.0E (*)	476	2635	FLG R	Wind turbine
	12281	BLAIKEN	651806.3N 0170958.6E (*)	476	2710	FLG R	Wind turbine
	12282	BLAIKEN	651717.9N 0170920.7E (*)	476	2785	FLG R	Wind turbine
	12283	BLAIKEN	651700.3N 0171024.5E (*)	476	2782	FLG R	Wind turbine
	12284	BLAIKEN	651646.5N 0170848.7E (*)	476	2687	FLG R	Wind turbine
	12285	BLAIKEN	651819.7N 0170932.3E (*)	476	2582	FLG R	Wind turbine
	12286	BLAIKEN	651800.0N 0170904.6E (*)	476	2720	FLG R	Wind turbine
	12287	BLAIKEN	651744.6N 0170858.5E (*)	476	2776	FLG R	Wind turbine
	12288	BLAIKEN	651659.7N 0170817.6E (*)	476	2713	FLG R	Wind turbine
	12289	BLAIKEN	651647.4N 0170756.3E (*)	476	2651	FLG R	Wind turbine
	12290	BLAIKEN	651630.8N 0170759.7E (*)	476	2648	FLG R	Wind turbine
	12291	BLAIKEN	651812.0N 0170834.3E (*)	476	2648	FLG R	Wind turbine
	12292	BLAIKEN	651754.9N 0170816.7E (*)	476	2746	FLG R	Wind turbine
	12293	BLAIKEN	651739.2N 0170805.0E (*)	476	2785	FLG R	Wind turbine
	12294	BLAIKEN	651724.0N 0170751.1E (*)	476	2746	FLG R	Wind turbine
	12295	BLAIKEN	651706.2N 0170733.7E (*)	476	2690	FLG R	Wind turbine
	12296	BLAIKEN	651643.0N 0170712.8E (*)	476	2648	FLG R	Wind turbine
	12297	BLAIKEN	651823.5N 0170801.9E (*)	476	2657	FLG R	Wind turbine
	12298	BLAIKEN	651807.4N 0170746.9E (*)	476	2756	FLG R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	12299	BLAIKEN	651748.8N 0170729.9E (*)	476	2769	FLG R	Wind turbine
	12300	BLAIKEN	651735.4N 0170717.5E (*)	476	2740	FLG R	Wind turbine
	12301	BLAIKEN	651718.7N 0170702.0E (*)	476	2677	FLG R	Wind turbine
	12302	BLAIKEN	651658.3N 0170652.3E (*)	476	2625	FLG R	Wind turbine
	12464	GRANBERGET	651755.6N 0171508.5E (*)	489	2572	FLG R	Wind turbine
	12465	GRANBERGET	651806.6N 0171509.6E (*)	489	2543	FLG R	Wind turbine
	12466	GRANBERGET	651748.6N 0171447.8E (*)	489	2566	FLG R	Wind turbine
	12467	GRANBERGET	651740.9N 0171425.3E (*)	489	2523	FLG R	Wind turbine
	12468	GRANBERGET	651754.4N 0171407.1E (*)	489	2552	FLG R	Wind turbine
	12469	GRANBERGET	651803.6N 0171414.5E (*)	489	2543	FLG R	Wind turbine
	12470	GRANBERGET	651823.6N 0171517.9E (*)	489	2530	FLG R	Wind turbine
	12471	GRANBERGET	651831.8N 0171535.4E (*)	489	2605	FLG R	Wind turbine
	12472	GRANBERGET	651841.2N 0171505.0E (*)	489	2589	FLG R	Wind turbine
	12823	BLAIKEN	651738.7N 0171251.5E (*)	476	2546	FLG R	Wind turbine
	12824	BLAIKEN	651800.7N 0171221.7E (*)	476	2552	FLG R	Wind turbine
	12825	BLAIKEN	651812.0N 0171131.7E (*)	476	2552	FLG R	Wind turbine
	12826	BLAIKEN	651823.2N 0171020.8E (*)	476	2585	FLG R	Wind turbine
	12827	BLAIKEN	651837.5N 0170954.2E (*)	476	2556	FLG R	Wind turbine
	12828	BLAIKEN	651828.0N 0170842.4E (*)	476	2615	FLG R	Wind turbine
	12829	BLAIKEN	651855.7N 0171344.6E (*)	476	2598	FLG R	Wind turbine
	12830	BLAIKEN	651848.9N 0171310.0E (*)	476	2579	FLG R	Wind turbine
	12831	BLAIKEN	651836.2N 0171240.3E (*)	476	2539	FLG R	Wind turbine
65N 18E	558	ARVIDSJAUR/JULTRÄSK	653200.0N 0185921.5E	1060	3512	F R/FLG W	Mast
	10051	JOKKMOKKSLIDEN	651636.5N 0185724.0E (*)	489	2162	FLG R	Wind turbine
	10052	JOKKMOKKSLIDEN	651648.1N 0185745.4E (*)	489	2146	FLG R	Wind turbine
	10053	JOKKMOKKSLIDEN	651658.6N 0185716.8E (*)	489	2165	FLG R	Wind turbine
	10054	JOKKMOKKSLIDEN	651708.1N 0185743.0E (*)	489	2133	FLG R	Wind turbine
	10168	KÅTALIDEN	650651.5N 0183936.5E (*)	344	1952	F R	Mast
	10170	KÅTALIDEN	650650.1N 0184953.5E (*)	344	1873	F R	Mast
	10195	HORNBERGET	650505.7N 0183559.1E (*)	410	2047	FLG R	Wind turbine
	10196	HORNBERGET	650512.4N 0183616.2E (*)	410	2123	FLG R	Wind turbine
	10197	HORNBERGET	650520.3N 0183643.5E (*)	410	2231	FLG R	Wind turbine
	10198	HORNBERGET	650529.1N 0183653.1E (*)	410	2244	FLG R	Wind turbine
	10199	HORNBERGET	650531.3N 0183715.6E (*)	410	2156	FLG R	Wind turbine
	10348	STORLIDEN	651244.0N 0185514.5E (*)	489	2146	FLG R	Wind turbine
	10349	STORLIDEN	651301.5N 0185521.5E (*)	489	2093	FLG R	Wind turbine
	10350	STORLIDEN	651252.2N 0185444.9E (*)	489	2047	FLG R	Wind turbine
	10351	STORLIDEN	651250.5N 0185547.6E (*)	489	2077	FLG R	Wind turbine
	10352	STORLIDEN	651250.9N 0185403.6E (*)	489	1916	FLG R	Wind turbine
	10353	STORLIDEN	651304.4N 0185344.1E (*)	489	1896	FLG R	Wind turbine
	10354	STORLIDEN	651312.7N 0185414.0E (*)	489	1936	FLG R	Wind turbine
	10355	STORLIDEN	651307.1N 0185446.7E (*)	489	2047	FLG R	Wind turbine
	10412	NÅDAGUBBLIDEN	650655.7N 0184608.9E (*)	354	1883	F R	Mast
	10432	NÅDAGUBBLIDEN	650628.4N 0183925.1E (*)	492	2087	FLG R	Wind turbine
	10433	NÅDAGUBBLIDEN	650613.3N 0183955.2E (*)	492	2054	FLG R	Wind turbine
	10434	NÅDAGUBBLIDEN	650634.3N 0184033.1E (*)	492	2087	FLG R	Wind turbine
	10435	NÅDAGUBBLIDEN	650656.5N 0184018.6E (*)	492	2093	FLG R	Wind turbine
	10436	NÅDAGUBBLIDEN	650644.7N 0184057.4E (*)	492	2070	FLG R	Wind turbine
	10437	NÅDAGUBBLIDEN	650657.1N 0184130.5E (*)	492	2024	FLG R	Wind turbine
	10438	NÅDAGUBBLIDEN	650702.9N 0184218.5E (*)	492	2018	FLG R	Wind turbine
	10439	NÅDAGUBBLIDEN	650641.7N 0184238.8E (*)	492	2037	FLG R	Wind turbine
	10440	NÅDAGUBBLIDEN	650651.6N 0184310.5E (*)	492	2051	FLG R	Wind turbine
	10441	NÅDAGUBBLIDEN	650700.7N 0184340.4E (*)	492	2064	FLG R	Wind turbine
	10442	NÅDAGUBBLIDEN	650653.0N 0184422.9E (*)	492	2113	FLG R	Wind turbine
	10443	NÅDAGUBBLIDEN	650639.6N 0184454.8E (*)	492	2159	FLG R	Wind turbine
	10444	NÅDAGUBBLIDEN	650624.7N 0184535.0E (*)	492	2123	FLG R	Wind turbine
	10445	NÅDAGUBBLIDEN	650649.5N 0184600.0E (*)	492	2037	FLG R	Wind turbine
	10446	NÅDAGUBBLIDEN	650652.1N 0184711.4E (*)	492	2018	FLG R	Wind turbine
	10447	NÅDAGUBBLIDEN	650656.1N 0184808.3E (*)	492	1998	FLG R	Wind turbine
	10448	NÅDAGUBBLIDEN	650640.0N 0184823.1E (*)	492	2024	FLG R	Wind turbine
	10449	NÅDAGUBBLIDEN	650648.5N 0184909.5E (*)	492	2021	FLG R	Wind turbine
	10450	NÅDAGUBBLIDEN	650627.3N 0185045.7E (*)	492	2047	FLG R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
65N 19E	10451	NÅDAGUBBLIDEN	650605.0N 0185111.8E (*)	492	2018	FLG R	Wind turbine
	10452	NÅDAGUBBLIDEN	650645.0N 0183944.6E (*)	492	2096	FLG R	Wind turbine
	10453	NÅDAGUBBLIDEN	650645.2N 0185006.5E (*)	492	2034	FLG R	Wind turbine
	10488	HEMLIDEN	651526.3N 0185640.8E (*)	489	2021	FLG R	Wind turbine
	10489	HEMLIDEN	651534.9N 0185710.4E (*)	489	2008	FLG R	Wind turbine
	10490	JOKKMOKKSLIDEN	651624.3N 0185704.0E (*)	489	2218	FLG R	Wind turbine
	10491	JOKKMOKKSLIDEN	651713.8N 0185823.4E (*)	489	2080	FLG R	Wind turbine
	10492	TALLBERGET	651743.4N 0185737.9E (*)	489	2067	FLG R	Wind turbine
	10493	TALLBERGET	651747.5N 0185659.9E (*)	489	2093	FLG R	Wind turbine
	10973	ÅMLIDEN	650246.3N 0185830.1E (*)	476	1873	FLG R	Wind turbine
	10974	ÅMLIDEN	650345.3N 0185845.2E (*)	476	1916	FLG R	Wind turbine
	10975	ÅMLIDEN	650355.1N 0185920.9E (*)	476	1932	FLG R	Wind turbine
	10976	ÅMLIDEN	650255.0N 0185854.7E (*)	476	1880	FLG R	Wind turbine
	10982	ÅMLIDEN	650401.7N 0185943.5E (*)	476	1893	FLG R	Wind turbine
	10983	ÅMLIDEN	650330.7N 0185959.1E (*)	459	2018	FLG R	Wind turbine
	10984	ÅMLIDEN	650220.3N 0185912.9E (*)	476	1985	FLG R	Wind turbine
	10985	ÅMLIDEN	650229.5N 0185832.6E (*)	476	1909	FLG R	Wind turbine
	10986	ÅMLIDEN	650210.9N 0185818.5E (*)	476	1919	FLG R	Wind turbine
	10987	ÅMLIDEN	650242.9N 0185937.6E (*)	476	2070	FLG R	Wind turbine
	10988	ÅMLIDEN	650257.4N 0185953.5E (*)	476	2070	FLG R	Wind turbine
	10468	ÅMLIDEN	650240.2N 0190023.1E (*)	335	2093	FLG R	Wind turbine
	10964	ÅMLIDEN	650353.4N 0190044.9E (*)	476	1903	FLG R	Wind turbine
	10965	ÅMLIDEN	650357.8N 0190114.9E (*)	476	1877	FLG R	Wind turbine
	10966	ÅMLIDEN	650403.1N 0190139.0E (*)	476	1867	FLG R	Wind turbine
	10967	ÅMLIDEN	650415.4N 0190205.0E (*)	476	1854	FLG R	Wind turbine
	10968	ÅMLIDEN	650425.9N 0190221.3E (*)	476	1867	FLG R	Wind turbine
	10969	ÅMLIDEN	650353.2N 0190349.6E (*)	476	1926	FLG R	Wind turbine
	10970	ÅMLIDEN	650312.3N 0190236.0E (*)	476	1962	FLG R	Wind turbine
	10971	ÅMLIDEN	650325.0N 0190326.9E (*)	476	1883	FLG R	Wind turbine
	10972	ÅMLIDEN	650337.8N 0190344.9E (*)	476	1919	FLG R	Wind turbine
	10977	ÅMLIDEN	650340.4N 0190113.8E (*)	476	1909	FLG R	Wind turbine
	10978	ÅMLIDEN	650353.1N 0190233.4E (*)	476	1880	FLG R	Wind turbine
	10979	ÅMLIDEN	650410.2N 0190302.5E (*)	476	1919	FLG R	Wind turbine
10980	ÅMLIDEN	650319.1N 0190020.2E (*)	476	2024	FLG R	Wind turbine	
10981	ÅMLIDEN	650339.1N 0190256.1E (*)	476	1909	FLG R	Wind turbine	
10989	ÅMLIDEN	650315.1N 0190012.4E (*)	476	2008	FLG R	Wind turbine	
10990	ÅMLIDEN	650301.2N 0190032.7E (*)	476	2054	FLG R	Wind turbine	
10991	ÅMLIDEN	650315.5N 0190053.7E (*)	476	1982	FLG R	Wind turbine	
10992	ÅMLIDEN	650252.3N 0190058.2E (*)	476	2028	FLG R	Wind turbine	
12139	BRÄNNLIDEN	651132.2N 0195622.5E (*)	410	1745	F R	Mast	
14112	JÖRN	651244.0N 0195531.3E (*)	666	2060	FLG W	Wind turbine	
14113	JÖRN	651230.8N 0195549.9E (*)	666	2083	FLG W	Wind turbine	
14114	JÖRN	651219.4N 0195619.5E (*)	722	2060	F R	Wind turbine	
14115	JÖRN	651204.1N 0195600.4E (*)	722	2083	FLG W	Wind turbine	
14116	JÖRN	651214.2N 0195536.4E (*)	722	2044	F R	Wind turbine	
14117	JÖRN	651137.6N 0195610.3E (*)	722	2044	F R	Wind turbine	
14118	JÖRN	651128.4N 0195644.2E (*)	722	2054	FLG W	Wind turbine	
14119	JÖRN	651114.8N 0195637.2E (*)	722	2044	F R	Wind turbine	
14120	JÖRN	651103.4N 0195657.1E (*)	722	1975	F R	Wind turbine	
14121	JÖRN	651052.6N 0195721.2E (*)	722	1939	FLG W	Wind turbine	
65N 20E	9322	HULTET	652710.0N 0203049.9E (*)	489	1732	FLG R	Wind turbine
	9323	HULTET	652700.6N 0203106.8E (*)	489	1736	FLG R	Wind turbine
	9809	HULTET	652622.7N 0203117.9E (*)	489	1677	FLG R	Wind turbine
	9810	HULTET	652615.3N 0203147.2E (*)	489	1660	FLG R	Wind turbine
	9815	HULTET	652630.9N 0203055.2E (*)	489	1673	FLG R	Wind turbine
	9842	HULTET	652702.4N 0202958.1E (*)	489	1660	FLG R	Wind turbine
	9843	HULTET	652652.1N 0203016.7E (*)	489	1686	FLG R	Wind turbine
	9844	HULTET	652641.1N 0203037.6E (*)	489	1683	FLG R	Wind turbine
	9845	HULTET	652650.6N 0203125.4E (*)	587	1844	FLG W	Wind turbine
	9846	HULTET	652643.4N 0203154.3E (*)	489	1706	FLG R	Wind turbine
	9847	HULTET	652633.3N 0203218.7E (*)	489	1693	FLG R	Wind turbine
	9848	HULTET	652627.6N 0203235.8E (*)	587	1781	FLG W	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	11230	FJÄLLBODA	650019.0N 0201931.3E (*)	335	1430	F R	Mast
	11384	KROKATRÄSKLIDEN	652907.4N 0204858.8E (*)	394	1230	F R	Mast
	11389	SKOGBERGLIDEN	652135.8N 0205537.2E (*)	604	1385	FLG W	Wind turbine
	11390	SKOGBERGLIDEN	652210.0N 0205530.1E (*)	604	1509	F R	Wind turbine
	11391	SKOGBERGLIDEN	652217.1N 0205604.0E (*)	604	1421	F R	Wind turbine
	11392	SKOGBERGLIDEN	652232.0N 0205543.6E (*)	604	1460	F R	Wind turbine
	11393	SKOGBERGLIDEN	652244.4N 0205514.6E (*)	604	1555	F R	Wind turbine
	11394	SKOGBERGLIDEN	652253.1N 0205444.6E (*)	604	1591	F R	Wind turbine
	11395	SKOGBERGLIDEN	652221.6N 0205458.7E (*)	604	1509	F R	Wind turbine
	11448	SKOGBERGLIDEN	652058.8N 0205946.6E (*)	604	1135	FLG W	Wind turbine
	11449	SKOGBERGLIDEN	652058.0N 0205853.1E (*)	604	1230	F R	Wind turbine
	11450	SKOGBERGLIDEN	652103.1N 0205808.3E (*)	604	1296	F R	Wind turbine
	11451	SKOGBERGLIDEN	652105.0N 0205724.6E (*)	604	1312	FLG W	Wind turbine
	11452	SKOGBERGLIDEN	652119.4N 0205736.2E (*)	604	1335	F R	Wind turbine
	11453	SKOGBERGLIDEN	652154.8N 0205608.7E (*)	604	1450	F R	Wind turbine
	11454	SKOGBERGLIDEN	652152.4N 0205529.5E (*)	604	1473	F R	Wind turbine
	11455	SKOGBERGLIDEN	652112.9N 0205655.5E (*)	604	1306	F R	Wind turbine
	11456	SKOGBERGLIDEN	652127.3N 0205703.4E (*)	604	1394	FLG W	Wind turbine
	11457	SKOGBERGLIDEN	652137.1N 0205626.7E (*)	604	1437	FLG W	Wind turbine
	11458	SKOGBERGLIDEN	652112.9N 0205553.1E (*)	604	1312	FLG W	Wind turbine
	11491	SKOGBERGLIDEN	652256.5N 0205409.2E (*)	604	1572	F R	Wind turbine
	11492	SKOGBERGLIDEN	652307.9N 0205432.5E (*)	604	1572	F R	Wind turbine
	11493	SKOGBERGLIDEN	652322.9N 0205423.5E (*)	604	1506	FLG W	Wind turbine
	11494	SKOGBERGLIDEN	652313.0N 0205357.2E (*)	604	1549	F R	Wind turbine
	11495	SKOGBERGLIDEN	652325.4N 0205313.7E (*)	604	1522	F R	Wind turbine
	11496	SKOGBERGLIDEN	652252.2N 0205551.8E (*)	604	1496	FLG W	Wind turbine
	11497	SKOGBERGLIDEN	652314.9N 0205504.9E (*)	604	1516	F R	Wind turbine
	11498	SKOGBERGLIDEN	652237.0N 0205422.0E (*)	604	1877	F R	Wind turbine
	11499	SKOGBERGLIDEN	652245.9N 0205337.5E (*)	604	1565	F R	Wind turbine
	11500	SKOGBERGLIDEN	652250.5N 0205302.4E (*)	604	1545	FLG W	Wind turbine
	11501	SKOGBERGLIDEN	652304.4N 0205318.6E (*)	604	1552	F R	Wind turbine
	11591	SKOGBERGLIDEN	652300.1N 0205237.1E (*)	604	1506	F R	Wind turbine
	11592	SKOGBERGLIDEN	652315.7N 0205242.8E (*)	604	1562	F R	Wind turbine
	11593	SKOGBERGLIDEN	652328.2N 0205216.5E (*)	604	1509	F R	Wind turbine
	11594	SKOGBERGLIDEN	652324.8N 0205135.9E (*)	604	1467	FLG W	Wind turbine
	11648	SKOGBERGLIDEN	652300.2N 0205520.2E (*)	604	1604	F R/FLG W	Wind turbine
	11649	SKOGBERGLIDEN	652316.0N 0205057.5E (*)	604	1457	F R/FLG W	Wind turbine
	11650	SKOGBERGLIDEN	652326.9N 0205036.8E (*)	604	1430	F R/FLG W	Wind turbine
	12868	MYRHEDEN	652101.8N 0200602.6E (*)	394	1775	F R	Mast
	12875	ALDERMYRBERGET	650805.8N 0200546.1E (*)	489	1860	F R	Mast
	12909	STORLIDEN	652528.2N 0203932.6E (*)	623	1864	F R	Wind turbine
	12913	STORLIDEN	652427.2N 0204025.3E (*)	623	1896	F R	Wind turbine
	12914	STORLIDEN	652556.4N 0203943.6E (*)	623	1775	F R	Wind turbine
	12941	STORLIDEN	652554.8N 0203840.4E (*)	623	1821	F R	Wind turbine
	12942	STORLIDEN	652543.0N 0203907.4E (*)	623	1831	F R	Wind turbine
	12943	STORLIDEN	652540.0N 0204006.0E (*)	623	1847	F R	Wind turbine
	12944	STORLIDEN	652453.2N 0203929.8E (*)	623	1919	F R	Wind turbine
	12945	STORLIDEN	652412.7N 0204059.0E (*)	623	1860	F R	Wind turbine
	12946	STORLIDEN	652548.9N 0204118.6E (*)	623	1831	F R	Wind turbine
	12954	STORLIDEN	652402.9N 0204126.2E (*)	623	1831	F R	Wind turbine
	12981	STORLIDEN	652438.7N 0203951.9E (*)	623	1900	F R	Wind turbine
	12982	STORLIDEN	652602.0N 0203634.6E (*)	623	1900	F R	Wind turbine
	12983	STORLIDEN	652551.0N 0203729.4E (*)	623	1864	F R	Wind turbine
	12984	STORLIDEN	652506.3N 0203808.1E (*)	623	1857	F R	Wind turbine
	12985	STORLIDEN	652537.0N 0203708.0E (*)	623	1860	F R	Wind turbine
	12986	STORLIDEN	652453.5N 0203832.2E (*)	623	1857	F R	Wind turbine
	12987	STORLIDEN	652442.1N 0203900.0E (*)	623	1867	F R	Wind turbine
	12988	STORLIDEN	652540.9N 0203803.4E (*)	623	1854	F R	Wind turbine
	12989	STORLIDEN	652508.0N 0203909.4E (*)	623	1883	F R	Wind turbine
	12990	STORLIDEN	652523.2N 0203833.9E (*)	623	1854	F R	Wind turbine
	13004	LÄNGTRÄSK	652704.3N 0202349.0E (*)	586	986	FLG W	Wind turbine
	13005	LÄNGTRÄSK	652728.7N 0202302.9E (*)	586	1027	FLG W	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	13120	STORLIDEN	652430.0N 0203833.1E (*)	623	1824	F R	Wind turbine
	13122	STORLIDEN	652509.5N 0203729.6E (*)	623	1834	F R	Wind turbine
	13123	STORLIDEN	652628.4N 0203910.0E (*)	623	1690	F R	Wind turbine
	13124	STORLIDEN	652613.4N 0203810.2E (*)	623	1814	F R	Wind turbine
	13125	STORLIDEN	652612.9N 0203906.5E (*)	623	1736	F R	Wind turbine
	13140	SVARTLIDEN	652044.9N 0204609.8E (*)	656	1572	F R	Wind turbine
	13141	SVARTLIDEN	652054.1N 0204512.0E (*)	656	1545	F R	Wind turbine
	13142	SVARTLIDEN	652104.3N 0204426.3E (*)	656	1555	F R	Wind turbine
	13143	SVARTLIDEN	652111.3N 0204505.1E (*)	656	1713	F R	Wind turbine
	13144	SVARTLIDEN	652120.9N 0204431.1E (*)	656	1686	F R	Wind turbine
	13145	SVARTLIDEN	652130.9N 0204357.2E (*)	656	1690	FLG W	Wind turbine
	13146	SVARTLIDEN	652142.6N 0204432.6E (*)	656	1801	FLG W	Wind turbine
	13147	SVARTLIDEN	652128.8N 0204508.4E (*)	656	1755	F R	Wind turbine
	13148	SVARTLIDEN	652118.1N 0204543.2E (*)	656	1739	F R	Wind turbine
	13149	SVARTLIDEN	652111.0N 0204624.1E (*)	656	1693	F R	Wind turbine
	13150	SVARTLIDEN	652054.0N 0204647.0E (*)	656	1709	FLG W	Wind turbine
	13151	SVARTLIDEN	652129.6N 0204311.7E (*)	656	1604	F R	Wind turbine
	13152	SVARTLIDEN	652132.6N 0204229.2E (*)	656	1588	F R	Wind turbine
	13153	SVARTLIDEN	652049.6N 0205039.9E (*)	656	1463	FLG W	Wind turbine
	13154	SVARTLIDEN	652100.9N 0205013.5E (*)	656	1532	F R	Wind turbine
	13155	SVARTLIDEN	652118.2N 0205040.1E (*)	656	1542	F R	Wind turbine
	13156	SVARTLIDEN	652115.6N 0204954.0E (*)	656	1581	F R	Wind turbine
	13157	SVARTLIDEN	652123.9N 0204911.9E (*)	656	1654	F R	Wind turbine
	13158	SVARTLIDEN	652133.3N 0205019.7E (*)	656	1594	F R	Wind turbine
	13159	SVARTLIDEN	652147.3N 0204959.4E (*)	656	1631	F R	Wind turbine
	13160	SVARTLIDEN	652141.5N 0204917.1E (*)	656	1677	F R	Wind turbine
	13161	SVARTLIDEN	652142.7N 0204834.3E (*)	656	1706	F R	Wind turbine
	13162	SVARTLIDEN	652157.6N 0204814.0E (*)	656	1680	F R	Wind turbine
	13163	SVARTLIDEN	652300.3N 0204758.3E (*)	656	1627	F R	Wind turbine
	13164	SVARTLIDEN	652300.8N 0204837.3E (*)	656	1594	F R	Wind turbine
	13165	SVARTLIDEN	652316.2N 0204816.4E (*)	656	1562	F R	Wind turbine
	13166	SVARTLIDEN	652311.8N 0204913.5E (*)	656	1529	F R	Wind turbine
	13167	SVARTLIDEN	652248.9N 0204907.7E (*)	656	1591	F R	Wind turbine
	13168	SVARTLIDEN	652250.6N 0204947.8E (*)	656	1545	F R	Wind turbine
	13169	SVARTLIDEN	652304.9N 0205007.8E (*)	656	1467	F R	Wind turbine
	13170	SVARTLIDEN	652234.6N 0204938.1E (*)	656	1598	F R	Wind turbine
	13171	SVARTLIDEN	652245.6N 0205027.0E (*)	656	1539	F R	Wind turbine
	13172	SVARTLIDEN	652239.5N 0205103.6E (*)	656	1509	F R	Wind turbine
	13173	SVARTLIDEN	652219.2N 0204954.9E (*)	656	1667	F R	Wind turbine
	13174	SVARTLIDEN	652203.1N 0204943.1E (*)	656	1663	F R	Wind turbine
	13175	SVARTLIDEN	652227.4N 0205030.6E (*)	656	1617	F R	Wind turbine
	13176	SVARTLIDEN	652219.5N 0205106.2E (*)	656	1673	F R	Wind turbine
	13177	SVARTLIDEN	652206.0N 0205129.6E (*)	656	1608	F R	Wind turbine
	13178	SVARTLIDEN	652200.2N 0205210.3E (*)	656	1499	F R	Wind turbine
	13179	SVARTLIDEN	652204.8N 0205028.1E (*)	656	1683	FLG W	Wind turbine
	13180	SVARTLIDEN	652153.9N 0205100.9E (*)	656	1693	F R	Wind turbine
	13181	SVARTLIDEN	652136.2N 0205100.6E (*)	656	1696	FLG W	Wind turbine
	13182	SVARTLIDEN	652123.1N 0205129.6E (*)	656	1644	F R	Wind turbine
	13183	SVARTLIDEN	652113.5N 0205202.9E (*)	656	1555	F R	Wind turbine
	13184	SVARTLIDEN	652054.3N 0205237.3E (*)	656	1506	F R	Wind turbine
	13185	SVARTLIDEN	652100.4N 0205137.4E (*)	656	1512	F R	Wind turbine
	13186	SVARTLIDEN	652103.4N 0205057.6E (*)	656	1496	FLG W	Wind turbine
	13187	SVARTLIDEN	652143.0N 0205141.7E (*)	656	1617	F R	Wind turbine
	13188	SVARTLIDEN	652130.7N 0205222.8E (*)	656	1512	F R	Wind turbine
	13189	SVARTLIDEN	652116.6N 0205244.7E (*)	656	1483	F R	Wind turbine
	13190	SVARTLIDEN	652126.7N 0205319.2E (*)	656	1378	F R	Wind turbine
	13191	SVARTLIDEN	652105.8N 0205313.0E (*)	656	1437	F R	Wind turbine
	13192	SVARTLIDEN	652214.9N 0205303.7E (*)	656	1411	F R	Wind turbine
	13193	SVARTLIDEN	652232.3N 0205251.5E (*)	656	1440	F R	Wind turbine
	13194	SVARTLIDEN	652207.1N 0205342.7E (*)	656	1497	F R	Wind turbine
	13195	SVARTLIDEN	652158.9N 0205422.9E (*)	656	1512	F R	Wind turbine
	13196	SVARTLIDEN	652143.2N 0205450.3E (*)	656	1437	F R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	13197	SVARTLIDEN	652217.4N 0205414.4E (*)	656	1555	F R	Wind turbine
	13198	SVARTLIDEN	652227.4N 0205337.9E (*)	656	1526	F R	Wind turbine
	13199	SVARTLIDEN	652150.1N 0205341.5E (*)	656	1417	FLG W	Wind turbine
	13324	SVARTLIDEN	652316.2N 0204726.5E (*)	656	1575	F R	Wind turbine
	13325	SVARTLIDEN	652331.2N 0204744.9E (*)	656	1532	FLG W	Wind turbine
	13330	SVARTLIDEN	652208.3N 0204740.0E (*)	656	1663	F R	Wind turbine
	13331	SVARTLIDEN	652220.3N 0204710.4E (*)	656	1644	F R	Wind turbine
	13332	SVARTLIDEN	652207.6N 0204850.9E (*)	656	1693	F R	Wind turbine
	13333	SVARTLIDEN	652225.5N 0204854.2E (*)	656	1680	F R	Wind turbine
	13334	SVARTLIDEN	652236.6N 0204658.0E (*)	656	1650	F R	Wind turbine
	13386	STORLIDEN	652313.0N 0204019.5E (*)	656	1759	FLG W	Wind turbine
	13387	STORLIDEN	652312.2N 0204105.8E (*)	656	1844	F R	Wind turbine
	13389	STORLIDEN	652328.3N 0204050.3E (*)	656	1877	F R	Wind turbine
	13390	STORLIDEN	652340.8N 0204019.4E (*)	656	1857	F R	Wind turbine
	13391	STORLIDEN	652353.5N 0203952.9E (*)	656	1854	F R	Wind turbine
	13392	STORLIDEN	652323.3N 0204149.4E (*)	656	1867	F R	Wind turbine
	13393	STORLIDEN	652358.7N 0203913.3E (*)	656	1795	FLG W	Wind turbine
	13394	STORLIDEN	652417.1N 0203948.4E (*)	656	1900	F R	Wind turbine
	13395	STORLIDEN	652406.2N 0204020.5E (*)	656	1900	F R	Wind turbine
	13396	STORLIDEN	652353.8N 0204049.4E (*)	656	1893	F R	Wind turbine
	13397	STORLIDEN	652343.9N 0204124.7E (*)	656	1867	F R	Wind turbine
	13398	STORLIDEN	652348.7N 0204204.3E (*)	656	1814	F R	Wind turbine
	13399	STORLIDEN	652417.9N 0204145.4E (*)	656	1811	F R	Wind turbine
	13400	STORLIDEN	652406.5N 0204215.6E (*)	656	1777	F R	Wind turbine
	13401	STORLIDEN	652354.0N 0204243.6E (*)	656	1760	F R	Wind turbine
	13402	STORLIDEN	652350.5N 0204342.3E (*)	656	1695	FLG W	Wind turbine
	13403	STORLIDEN	652407.0N 0204333.6E (*)	656	1678	F R	Wind turbine
	13404	STORLIDEN	652412.7N 0204255.4E (*)	656	1713	F R	Wind turbine
	13405	STORLIDEN	652423.1N 0204223.6E (*)	656	1737	F R	Wind turbine
	13406	STORLIDEN	652437.5N 0204152.1E (*)	656	1765	F R	Wind turbine
	13407	STORLIDEN	652445.4N 0204116.5E (*)	656	1821	F R	Wind turbine
	13408	STORLIDEN	652454.3N 0204042.1E (*)	656	1854	F R	Wind turbine
	13409	STORLIDEN	652506.2N 0204013.3E (*)	656	1901	F R	Wind turbine
	13410	STORLIDEN	652523.8N 0204017.5E (*)	656	1860	FLG W	Wind turbine
	13411	STORLIDEN	652513.5N 0204051.9E (*)	656	1818	F R	Wind turbine
	13412	STORLIDEN	652506.4N 0204128.7E (*)	656	1778	F R	Wind turbine
	13413	STORLIDEN	652540.0N 0204048.4E (*)	656	1813	F R	Wind turbine
	13414	STORLIDEN	652525.6N 0204141.7E (*)	656	1747	F R	Wind turbine
	13415	STORLIDEN	652456.9N 0204247.5E (*)	656	1693	F R	Wind turbine
	13416	STORLIDEN	652505.6N 0204212.3E (*)	656	1719	F R	Wind turbine
	13417	STORLIDEN	652436.3N 0204254.3E (*)	656	1691	F R	Wind turbine
	13418	STORLIDEN	652440.2N 0204339.1E (*)	656	1650	F R	Wind turbine
	13419	STORLIDEN	652423.8N 0204329.5E (*)	656	1678	F R	Wind turbine
	13420	STORLIDEN	652427.5N 0204409.0E (*)	656	1631	F R	Wind turbine
	13421	STORLIDEN	652445.1N 0204418.6E (*)	656	1599	F R	Wind turbine
	13422	STORLIDEN	652421.7N 0204445.9E (*)	656	1594	F R	Wind turbine
	13423	STORLIDEN	652411.1N 0204415.1E (*)	656	1642	F R	Wind turbine
	13424	STORLIDEN	652353.5N 0204436.0E (*)	656	1637	F R	Wind turbine
	13425	STORLIDEN	652406.5N 0204501.4E (*)	656	1604	F R	Wind turbine
	13426	STORLIDEN	652402.5N 0204540.1E (*)	656	1562	F R	Wind turbine
	13427	STORLIDEN	652422.9N 0204532.8E (*)	656	1559	F R	Wind turbine
	13428	STORLIDEN	652422.1N 0204612.9E (*)	656	1522	F R	Wind turbine
	13429	STORLIDEN	652438.8N 0204613.1E (*)	656	1507	FLG W	Wind turbine
	13430	STORLIDEN	652452.6N 0204547.6E (*)	656	1542	F R	Wind turbine
	13431	STORLIDEN	652436.7N 0204509.1E (*)	656	1577	F R	Wind turbine
	13432	STORLIDEN	652453.6N 0204507.0E (*)	656	1601	F R	Wind turbine
	13433	STORLIDEN	652504.9N 0204433.1E (*)	656	1652	F R	Wind turbine
	13434	STORLIDEN	652459.1N 0204347.7E (*)	656	1640	F R	Wind turbine
	13435	STORLIDEN	652517.9N 0204401.5E (*)	656	1706	F R	Wind turbine
	13436	STORLIDEN	652523.9N 0204315.5E (*)	656	1712	F R	Wind turbine
	13437	STORLIDEN	652534.6N 0204235.2E (*)	656	1739	F R	Wind turbine
	13438	STORLIDEN	652548.4N 0204259.4E (*)	656	1791	F R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	13439	STORLIDEN	652559.3N 0204221.0E (*)	656	1798	F R	Wind turbine
	13440	STORLIDEN	652600.8N 0204114.2E (*)	656	1752	F R	Wind turbine
	13441	STORLIDEN	652548.4N 0204148.4E (*)	656	1771	F R	Wind turbine
	13442	STORLIDEN	652539.0N 0204338.3E (*)	656	1744	F R	Wind turbine
	13443	STORLIDEN	652534.6N 0204418.0E (*)	656	1696	F R	Wind turbine
	13444	STORLIDEN	652521.3N 0204442.6E (*)	656	1657	F R	Wind turbine
	13445	STORLIDEN	652534.4N 0204508.2E (*)	656	1594	F R	Wind turbine
	13446	STORLIDEN	652511.6N 0204512.9E (*)	656	1613	F R	Wind turbine
	13447	STORLIDEN	652518.2N 0204552.1E (*)	656	1613	F R	Wind turbine
	13448	STORLIDEN	652535.1N 0204548.5E (*)	656	1527	FLG W	Wind turbine
	13449	STORLIDEN	652558.3N 0204511.6E (*)	656	1566	F R	Wind turbine
	13450	SKOGBERGSLIDEN	652123.7N 0205822.1E (*)	656	1273	F R	Wind turbine
	13451	SKOGBERGSLIDEN	652115.9N 0205859.6E (*)	656	1217	FLG W	Wind turbine
	13452	SKOGBERGSLIDEN	652142.8N 0205802.0E (*)	656	1283	F R	Wind turbine
	13453	SKOGBERGSLIDEN	652138.8N 0205844.4E (*)	656	1198	F R	Wind turbine
	13454	SKOGBERGSLIDEN	652156.0N 0205830.5E (*)	656	1211	FLG W	Wind turbine
	13455	SKOGBERGSLIDEN	652142.4N 0205721.4E (*)	656	1358	FLG W	Wind turbine
	13456	SKOGBERGSLIDEN	652158.0N 0205743.7E (*)	656	1286	F R	Wind turbine
	13457	SKOGBERGSLIDEN	652156.9N 0205653.6E (*)	656	1378	F R	Wind turbine
	13458	SKOGBERGSLIDEN	652216.5N 0205650.1E (*)	656	1352	F R	Wind turbine
	13459	SKOGBERGSLIDEN	652240.4N 0205622.0E (*)	656	1430	F R	Wind turbine
	13460	SKOGBERGSLIDEN	652239.3N 0205710.8E (*)	656	1293	F R	Wind turbine
	13461	SKOGBERGSLIDEN	652223.8N 0205725.9E (*)	656	1286	F R	Wind turbine
	13462	SKOGBERGSLIDEN	652251.9N 0205637.9E (*)	656	1352	F R	Wind turbine
	13463	SKOGBERGSLIDEN	652308.0N 0205617.3E (*)	656	1365	F R	Wind turbine
	13464	SKOGBERGSLIDEN	652315.8N 0205653.4E (*)	656	1276	FLG W	Wind turbine
	13465	SKOGBERGSLIDEN	652325.1N 0205619.6E (*)	656	1299	F R	Wind turbine
	13466	SKOGBERGSLIDEN	652325.3N 0205538.6E (*)	656	1411	F R	Wind turbine
	13467	SKOGBERGSLIDEN	652342.4N 0205537.8E (*)	656	1316	F R	Wind turbine
	13468	SKOGBERGSLIDEN	652331.5N 0205458.0E (*)	656	1434	F R	Wind turbine
	13469	SKOGBERGSLIDEN	652340.0N 0205422.2E (*)	656	1434	F R	Wind turbine
	13470	SKOGBERGSLIDEN	652342.3N 0205334.6E (*)	656	1463	F R	Wind turbine
	13471	SKOGBERGSLIDEN	652340.6N 0205253.6E (*)	656	1509	F R	Wind turbine
	13472	SKOGBERGSLIDEN	652312.3N 0205203.1E (*)	656	1568	F R	Wind turbine
	13473	SKOGBERGSLIDEN	652346.2N 0205133.8E (*)	656	1444	FLG W	Wind turbine
	13474	SKOGBERGSLIDEN	652345.5N 0205215.0E (*)	656	1460	F R	Wind turbine
	13475	SKOGBERGSLIDEN	652355.7N 0205449.8E (*)	656	1339	F R	Wind turbine
	13476	SKOGBERGSLIDEN	652405.5N 0205533.5E (*)	656	1234	FLG W	Wind turbine
	13477	SKOGBERGSLIDEN	652353.7N 0205613.3E (*)	656	1247	F R	Wind turbine
	13478	SKOGBERGSLIDEN	652408.9N 0205622.2E (*)	656	1224	F R	Wind turbine
	13479	SKOGBERGSLIDEN	652354.0N 0205649.6E (*)	656	1250	F R	Wind turbine
	13480	SKOGBERGSLIDEN	652409.1N 0205711.8E (*)	656	1217	F R	Wind turbine
	13481	SKOGBERGSLIDEN	652402.3N 0205747.9E (*)	656	1214	FLG W	Wind turbine
	13482	SVARTLIDEN	652147.5N 0204350.2E (*)	656	1808	F R	Wind turbine
	13483	SVARTLIDEN	652158.2N 0204321.6E (*)	656	1831	FLG W	Wind turbine
	13484	SVARTLIDEN	652100.4N 0204552.6E (*)	656	1673	F R	Wind turbine
	13485	SVARTLIDEN	652218.6N 0204817.1E (*)	656	1729	F R	Wind turbine
	13486	SVARTLIDEN	652240.6N 0204824.5E (*)	656	1673	F R	Wind turbine
	13487	SVARTLIDEN	652231.9N 0204744.2E (*)	656	1778	F R	Wind turbine
	13488	SVARTLIDEN	652247.9N 0204728.2E (*)	656	1726	F R	Wind turbine
	13489	SVARTLIDEN	652301.7N 0204703.4E (*)	656	1693	FLG W	Wind turbine
	13490	STORLIDEN	652552.4N 0204426.1E (*)	656	1647	F R	Wind turbine
	13491	STORLIDEN	652611.9N 0204447.6E (*)	656	1578	F R	Wind turbine
	13492	STORLIDEN	652626.2N 0204425.4E (*)	656	1558	FLG W	Wind turbine
	13493	STORLIDEN	652632.6N 0204351.2E (*)	656	1594	F R	Wind turbine
	13494	STORLIDEN	652620.8N 0204328.7E (*)	656	1686	F R	Wind turbine
	13495	STORLIDEN	652634.5N 0204302.0E (*)	656	1690	F R	Wind turbine
	13496	STORLIDEN	652700.2N 0204318.0E (*)	656	1588	FLG W	Wind turbine
	13497	STORLIDEN	652555.9N 0204025.8E (*)	656	1755	FLG W	Wind turbine
	13498	STORLIDEN	652646.9N 0204344.5E (*)	656	1591	F R	Wind turbine
	13885	STORLIDEN	652628.0N 0203721.4E (*)	650	1850	F R	Wind turbine
	13886	STORLIDEN	652616.6N 0203700.2E (*)	650	1890	F R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	13887	STORLIDEN	652618.0N 0203621.6E (*)	650	1932	F R	Wind turbine
	13888	STORLIDEN	652630.7N 0203646.1E (*)	650	1880	F R	Wind turbine
	13889	STORLIDEN	652645.9N 0203651.0E (*)	650	1841	F R	Wind turbine
	13890	STORLIDEN	652639.7N 0203610.0E (*)	650	1890	F R	Wind turbine
	13891	STORLIDEN	652610.7N 0203733.2E (*)	650	1864	F R	Wind turbine
	13892	STORLIDEN	652629.4N 0203823.4E (*)	650	1765	F R	Wind turbine
	13893	STORLIDEN	652642.3N 0203727.5E (*)	650	1785	F R	Wind turbine
	13894	STORLIDEN	652701.5N 0203721.0E (*)	650	1706	F R	Wind turbine
	13895	STORLIDEN	652659.1N 0203634.0E (*)	650	1781	F R	Wind turbine
	13896	STORLIDEN	652649.0N 0203845.7E (*)	650	1699	F R	Wind turbine
	13942	STORLIDEN	652704.1N 0203814.4E (*)	650	1683	F R	Wind turbine
	13943	STORLIDEN	652723.5N 0203725.8E (*)	650	1608	F R	Wind turbine
	13944	STORLIDEN	652712.7N 0203657.6E (*)	650	1683	FLG W	Wind turbine
	13945	STORLIDEN	652629.7N 0203542.3E (*)	650	1926	F R	Wind turbine
	13946	STORLIDEN	652726.7N 0203813.7E (*)	650	1611	F R	Wind turbine
	13947	STORLIDEN	652445.0N 0203756.3E (*)	650	1847	F R	Wind turbine
	13948	STORLIDEN	652551.3N 0203552.8E (*)	650	1886	F R	Wind turbine
	13949	STORLIDEN	652531.8N 0203612.1E (*)	650	1841	FLG W	Wind turbine
	13950	STORLIDEN	652522.8N 0203647.0E (*)	650	1834	F R	Wind turbine
	13951	STORLIDEN	652615.2N 0203528.8E (*)	650	1916	FLG W	Wind turbine
	14022	LÄNGTRÄSK	652716.3N 0202233.4E (*)	656	2051	FLG W	Wind turbine
	14130	S BRÄNNTRÄSK	653436.9N 0201827.8E (*)	591	2051	FLG W	Wind turbine
	14131	ALDERMYRBERGET	650909.6N 0200628.6E	755	1969	FLG W	Wind turbine
	14132	ALDERMYRBERGET	650858.6N 0200637.7E	755	1969	F R	Wind turbine
	14133	ALDERMYRBERGET	650845.3N 0200718.4E	755	2073	FLG W	Wind turbine
	14134	ALDERMYRBERGET	650836.2N 0200435.7E	755	1886	F R	Wind turbine
	14135	ALDERMYRBERGET	650834.5N 0200356.1E	755	1831	FLG W	Wind turbine
	14136	ALDERMYRBERGET	650834.0N 0200634.2E	755	2146	F R	Wind turbine
	14137	ALDERMYRBERGET	650823.3N 0200601.6E	755	2208	F R	Wind turbine
	14138	ALDERMYRBERGET	650824.2N 0200637.1E	755	2198	F R	Wind turbine
	14139	ALDERMYRBERGET	650810.7N 0200614.7E	755	2185	F R	Wind turbine
	14140	ALDERMYRBERGET	650811.8N 0200453.7E	755	1972	F R	Wind turbine
	14141	ALDERMYRBERGET	650800.5N 0200654.9E	755	2014	F R	Wind turbine
	14142	ALDERMYRBERGET	650801.7N 0200540.9E	755	2113	F R	Wind turbine
	14143	ALDERMYRBERGET	650755.8N 0200624.7E	755	2080	F R	Wind turbine
	14144	ALDERMYRBERGET	650741.6N 0200652.0E	755	1975	FLG W	Wind turbine
	14145	ALDERMYRBERGET	650740.8N 0200626.0E	755	2060	F R	Wind turbine
	14146	ALDERMYRBERGET	650738.3N 0200415.9E	755	1972	FLG W	Wind turbine
	14147	ALDERMYRBERGET	650734.9N 0200527.8E	755	1873	FLG W	Wind turbine
	14155	S BRÄNNTRÄSK	653511.0N 0201751.6E (*)	656	1808	F R	Wind turbine
	14156	S BRÄNNTRÄSK	653520.9N 0201845.8E (*)	656	1775	FLG W	Wind turbine
	14157	S BRÄNNTRÄSK	653506.8N 0201831.6E (*)	656	1909	F R	Wind turbine
	14158	S BRÄNNTRÄSK	653454.5N 0201753.7E (*)	656	1952	F R	Wind turbine
	14159	S BRÄNNTRÄSK	653450.9N 0201830.1E (*)	656	2024	F R	Wind turbine
	14160	S BRÄNNTRÄSK	653444.3N 0201712.4E (*)	656	1831	F R	Wind turbine
	14161	S BRÄNNTRÄSK	653440.1N 0201747.9E (*)	656	2031	F R	Wind turbine
	14162	S BRÄNNTRÄSK	653427.6N 0201720.0E (*)	656	1900	FLG W	Wind turbine
	14163	S BRÄNNTRÄSK	653423.6N 0201755.8E (*)	591	2024	FLG W	Wind turbine
	14164	S BRÄNNTRÄSK	653410.6N 0201653.0E (*)	656	1903	FLG W	Wind turbine
	14165	S BRÄNNTRÄSK	653409.6N 0201733.3E (*)	656	2005	FLG W	Wind turbine
	14166	S BRÄNNTRÄSK	653407.2N 0201807.0E (*)	591	2051	FLG W	Wind turbine
	14167	S BRÄNNTRÄSK	653357.0N 0201700.9E (*)	656	1975	FLG W	Wind turbine
	14168	S BRÄNNTRÄSK	653348.3N 0201728.5E (*)	591	2028	F R	Wind turbine
	14169	S BRÄNNTRÄSK	653340.0N 0201755.8E (*)	591	2044	FLG W	Wind turbine
	14170	S BRÄNNTRÄSK	653336.0N 0201657.6E (*)	591	2057	F R	Wind turbine
	14171	S BRÄNNTRÄSK	653502.6N 0201327.3E (*)	591	2024	FLG W	Wind turbine
	14172	S BRÄNNTRÄSK	653453.3N 0201355.1E (*)	656	1985	F R	Wind turbine
	14173	S BRÄNNTRÄSK	653447.3N 0201427.8E (*)	656	1926	F R	Wind turbine
	14174	S BRÄNNTRÄSK	653434.4N 0201401.8E (*)	656	1936	F R	Wind turbine
	14175	S BRÄNNTRÄSK	653413.6N 0201349.9E (*)	656	1978	FLG W	Wind turbine
	14176	S BRÄNNTRÄSK	653411.7N 0201428.0E (*)	656	1886	F R	Wind turbine
	14177	S BRÄNNTRÄSK	653405.1N 0201457.1E (*)	656	1913	F R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	14178	S BRÄNNTRÄSK	653356.6N 0201524.6E (*)	656	1942	F R	Wind turbine
	14179	S BRÄNNTRÄSK	653350.8N 0201419.1E (*)	656	1893	F R	Wind turbine
	14180	S BRÄNNTRÄSK	653345.1N 0201452.7E (*)	656	1919	F R	Wind turbine
	14181	S BRÄNNTRÄSK	653345.9N 0201547.4E (*)	656	2005	F R	Wind turbine
	14182	S BRÄNNTRÄSK	653335.0N 0201517.6E (*)	656	1972	F R	Wind turbine
	14183	S BRÄNNTRÄSK	653332.4N 0201557.3E (*)	656	2067	F R	Wind turbine
	14184	S BRÄNNTRÄSK	653321.5N 0201523.3E (*)	656	2051	F R	Wind turbine
	14185	S BRÄNNTRÄSK	653318.2N 0201607.5E (*)	591	2044	F R	Wind turbine
	14186	S BRÄNNTRÄSK	653312.9N 0201428.3E (*)	656	1913	F R	Wind turbine
	14187	S BRÄNNTRÄSK	653305.2N 0201505.4E (*)	656	2037	F R	Wind turbine
	14188	S BRÄNNTRÄSK	653259.1N 0201538.9E (*)	591	2047	F R	Wind turbine
	14189	S BRÄNNTRÄSK	653247.1N 0201606.1E (*)	591	2047	F R	Wind turbine
	14190	S BRÄNNTRÄSK	653236.1N 0201623.5E (*)	591	2005	F R	Wind turbine
	14191	S BRÄNNTRÄSK	653227.2N 0201648.8E (*)	656	2011	F R	Wind turbine
	14192	S BRÄNNTRÄSK	653219.8N 0201720.7E (*)	656	1962	F R	Wind turbine
	14193	S BRÄNNTRÄSK	653208.1N 0201736.1E (*)	656	1942	FLG W	Wind turbine
	14194	S BRÄNNTRÄSK	653251.0N 0201459.9E (*)	656	1998	F R	Wind turbine
	14195	S BRÄNNTRÄSK	653230.6N 0201543.2E (*)	656	2037	F R	Wind turbine
	14196	S BRÄNNTRÄSK	653221.0N 0201607.2E (*)	656	1985	F R	Wind turbine
	14197	S BRÄNNTRÄSK	653213.0N 0201642.0E (*)	656	1962	F R	Wind turbine
	14198	S BRÄNNTRÄSK	653237.4N 0201441.3E (*)	656	1877	F R	Wind turbine
	14199	S BRÄNNTRÄSK	653226.4N 0201502.5E (*)	656	1890	FLG W	Wind turbine
	14200	S BRÄNNTRÄSK	653234.4N 0201126.5E (*)	591	2034	FLG W	Wind turbine
	14201	S BRÄNNTRÄSK	653149.8N 0200920.9E (*)	591	2031	F R	Wind turbine
	14202	S BRÄNNTRÄSK	653221.1N 0200925.3E (*)	591	2051	FLG W	Wind turbine
	14203	S BRÄNNTRÄSK	653222.0N 0201011.9E (*)	591	2034	F R	Wind turbine
	14239	KLÖVERFORS	650515.8N 0203519.1E	492	1614	F R	Mast
	14829	FAGERHEDEN	651855.4N 0205027.6E	656	1603	F R	Wind turbine
	14830	FAGERHEDEN	651838.3N 0205048.8E	656	1618	F R	Wind turbine
	14831	FAGERHEDEN	651817.5N 0205048.8E	656	1618	F R	Wind turbine
	14832	FAGERHEDEN	651807.1N 0205122.2E	656	1622	F R	Wind turbine
	14833	FAGERHEDEN	651802.6N 0205200.9E	656	1627	F R	Wind turbine
	14834	FAGERHEDEN	651849.8N 0205203.4E	656	1668	F R	Wind turbine
	14835	FAGERHEDEN	651905.5N 0205217.9E	656	1600	F R	Wind turbine
	14836	FAGERHEDEN	651845.2N 0205248.5E	656	1660	F R	Wind turbine
	14837	FAGERHEDEN	651832.0N 0205303.0E	656	1709	F R	Wind turbine
	14838	FAGERHEDEN	651836.4N 0205337.2E	656	1646	FLG W	Wind turbine
	14839	FAGERHEDEN	651814.9N 0205342.4E	656	1635	F R	Wind turbine
	14840	FAGERHEDEN	651706.4N 0205341.8E	656	1559	F R	Wind turbine
	14841	FAGERHEDEN	651744.4N 0205440.2E	656	1544	F R	Wind turbine
	14842	FAGERHEDEN	651800.1N 0205427.3E	656	1578	FLG W	Wind turbine
	14843	FAGERHEDEN	651817.6N 0205422.6E	656	1601	F R	Wind turbine
	14844	FAGERHEDEN	651655.8N 0205237.5E	656	1507	F R	Wind turbine
	14845	FAGERHEDEN	651644.2N 0205304.4E	656	1521	FLG W	Wind turbine
	14846	FAGERHEDEN	651645.4N 0205411.3E	656	1524	F R	Wind turbine
	14847	FAGERHEDEN	651634.9N 0205338.4E	656	1501	F R	Wind turbine
	14848	FAGERHEDEN	651623.6N 0205434.9E	656	1475	F R	Wind turbine
	14849	FAGERHEDEN	651638.5N 0205458.1E	656	1499	F R	Wind turbine
	14850	FAGERHEDEN	651625.1N 0205550.3E	656	1470	F R	Wind turbine
	14851	FAGERHEDEN	651729.2N 0205418.3E	656	1601	F R	Wind turbine
	14852	FAGERHEDEN	651720.5N 0205506.9E	656	1514	F R	Wind turbine
	14853	FAGERHEDEN	651718.1N 0205543.3E	656	1492	F R	Wind turbine
	14854	FAGERHEDEN	651701.5N 0205524.4E	656	1491	F R	Wind turbine
	14855	FAGERHEDEN	651648.1N 0205614.8E	656	1478	F R	Wind turbine
	14856	FAGERHEDEN	651655.2N 0205656.0E	656	1456	FLG W	Wind turbine
	14857	FAGERHEDEN	651611.2N 0205521.8E	656	1446	FLG W	Wind turbine
	14858	FAGERHEDEN	651602.9N 0205604.3E	656	1457	FLG W	Wind turbine
	14951	PITEÅ	651559.2N 0205534.2E	381	1145	F R	Mast
	14952	PITEÅ	652110.7N 0203549.6E	381	1453	F R	Mast
	14953	PITEÅ	652208.5N 0203711.4E	381	1467	F R	Mast
	15096	BOLIDEN	650002.2N 0202018.9E	656	1755	FLG R	Wind turbine
	15097	BOLIDEN	650018.2N 0201927.9E	656	1752	FLG W	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more

Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	15098	BOLIDEN	650002.9N 0201907.1E	656	1739	FLG R	Wind turbine
	15099	BOLIDEN	650042.7N 0201917.2E	656	1713	FLG R	Wind turbine
	15100	BOLIDEN	650033.9N 0201831.3E	656	1713	FLG R	Wind turbine
	15101	BOLIDEN	650057.9N 0201834.5E	656	1732	FLG W	Wind turbine
	15102	BOLIDEN	650106.2N 0201708.3E	656	1667	FLG W	Wind turbine
	15103	BOLIDEN	650044.0N 0201729.9E	656	1686	FLG W	Wind turbine
	15104	FAGERHEDEN	651933.8N 0204943.8E	656	1545	FLG W	Wind turbine
	15105	FAGERHEDEN	651919.0N 0204842.9E	656	1604	F R	Wind turbine
	15106	FAGERHEDEN	651913.5N 0205003.4E	656	1592	F R	Wind turbine
	15107	FAGERHEDEN	651744.5N 0205135.0E	656	1564	F R	Wind turbine
	15108	FAGERHEDEN	651730.4N 0205201.9E	656	1547	F R	Wind turbine
	15109	FAGERHEDEN	651718.2N 0205229.4E	656	1552	F R	Wind turbine
	15110	FAGERHEDEN	651726.3N 0205309.5E	656	1588	F R	Wind turbine
	15111	FAGERHEDEN	651928.2N 0205033.1E	656	1578	F R	Wind turbine
	15112	FAGERHEDEN	651918.0N 0205144.9E	656	1582	FLG W	Wind turbine
	15113	FAGERHEDEN	651913.8N 0205059.4E	656	1612	F R	Wind turbine
	15114	FAGERHEDEN	651858.6N 0205123.0E	656	1633	F R	Wind turbine
	15115	FAGERHEDEN	651751.3N 0205328.6E	656	1605	F R	Wind turbine
	15116	FAGERHEDEN	651633.6N 0205635.9E	656	1443	F R	Wind turbine
	15117	FAGERHEDEN	651631.7N 0205715.3E	656	1429	F R	Wind turbine
	15118	FAGERHEDEN	651640.8N 0205737.2E	656	1439	F R	Wind turbine
	15119	FAGERHEDEN	651555.0N 0205850.3E	656	1385	F R	Wind turbine
	15120	FAGERHEDEN	651538.3N 0205915.5E	656	1340	FLG W	Wind turbine
	15121	FAGERHEDEN	651618.4N 0205901.1E	656	1380	FLG W	Wind turbine
	15122	FAGERHEDEN	651547.8N 0205816.9E	656	1380	F R	Wind turbine
	15123	FAGERHEDEN	651603.7N 0205744.9E	656	1407	F R	Wind turbine
	15124	FAGERHEDEN	651914.6N 0204653.9E	656	1688	FLG W	Wind turbine
	15125	FAGERHEDEN	651902.8N 0204727.0E	656	1679	F R	Wind turbine
	15126	FAGERHEDEN	651832.6N 0204808.7E	656	1718	F R	Wind turbine
	15127	FAGERHEDEN	651815.7N 0204730.0E	656	1763	F R	Wind turbine
	15128	FAGERHEDEN	651805.7N 0204758.4E	656	1747	F R	Wind turbine
	15129	FAGERHEDEN	651816.9N 0204912.7E	656	1639	F R	Wind turbine
	15130	FAGERHEDEN	651832.2N 0204930.9E	656	1597	FLG W	Wind turbine
	15131	FAGERHEDEN	651758.0N 0204846.5E	656	1743	F R	Wind turbine
	15132	FAGERHEDEN	651749.1N 0204816.5E	656	1767	F R	Wind turbine
	15133	FAGERHEDEN	651741.9N 0204853.5E	656	1728	F R	Wind turbine
	15134	FAGERHEDEN	651750.2N 0204934.6E	656	1684	F R	Wind turbine
	15135	FAGERHEDEN	651731.1N 0204934.7E	656	1655	F R	Wind turbine
	15136	FAGERHEDEN	651721.5N 0205000.7E	656	1617	FLG W	Wind turbine
	15137	FAGERHEDEN	651712.0N 0205032.6E	656	1572	F R	Wind turbine
	15138	FAGERHEDEN	651855.0N 0204519.6E	656	1785	F R	Wind turbine
	15139	FAGERHEDEN	651847.5N 0204617.1E	656	1773	F R	Wind turbine
	15140	FAGERHEDEN	651841.3N 0204720.0E	656	1731	F R	Wind turbine
	15141	FAGERHEDEN	651923.0N 0204501.2E	656	1800	F R	Wind turbine
	15142	FAGERHEDEN	651911.7N 0204531.2E	656	1781	F R	Wind turbine
	15292	ÄLVSBYN	652705.4N 0204111.8E (*)	653	1670	F R	Wind turbine
	15293	ÄLVSBYN	652704.0N 0204110.8E (*)	653	1736	F R	Wind turbine
	15294	ÄLVSBYN	652701.7N 0204212.2E (*)	653	1683	F R	Wind turbine
	15295	ÄLVSBYN	652650.4N 0204130.3E (*)	653	1755	F R	Wind turbine
	15296	ÄLVSBYN	652647.2N 0204226.8E (*)	653	1709	F R	Wind turbine
	15297	ÄLVSBYN	652632.8N 0204137.1E (*)	653	1768	F R	Wind turbine
	15298	ÄLVSBYN	652734.4N 0203906.9E (*)	653	1631	FLG W	Wind turbine
	15299	ÄLVSBYN	652727.7N 0204001.9E (*)	653	1670	F R	Wind turbine
	15300	ÄLVSBYN	652625.4N 0204003.8E (*)	653	1726	F R	Wind turbine
	15301	ÄLVSBYN	652616.9N 0204036.7E (*)	653	1765	F R	Wind turbine
	15302	ÄLVSBYN	652643.2N 0204007.8E (*)	653	1752	F R	Wind turbine
	15303	ÄLVSBYN	652700.8N 0203938.1E (*)	653	1742	F R	Wind turbine
	15304	ÄLVSBYN	652713.7N 0203918.0E (*)	653	1709	F R	Wind turbine
	15305	ÄLVSBYN	652713.6N 0204016.2E (*)	653	1726	F R	Wind turbine
	15306	ÄLVSBYN	652656.7N 0204038.3E (*)	653	1768	F R	Wind turbine
	15307	ÄLVSBYN	652740.3N 0204056.7E (*)	653	1647	F R	Wind turbine
	15308	ÄLVSBYN	652735.8N 0204133.5E (*)	653	1650	FLG W	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	15309	ÄLVSBYN	652718.7N 0204237.7E (*)	653	1614	FLG W	Wind turbine
	15310	ÄLVSBYN	652619.3N 0204242.5E (*)	653	1749	FLG W	Wind turbine
	15311	ÄLVSBYN	652632.9N 0204216.4E (*)	653	1772	F R	Wind turbine
	15351	LÅNGTRÄSK	652331.0N 0203620.1E	656	1936	FLG W	Wind turbine
	15352	LÅNGTRÄSK	652323.7N 0203719.4E	656	1978	F R	Wind turbine
	15353	LÅNGTRÄSK	652317.2N 0203640.7E	656	1919	F R	Wind turbine
	15354	LÅNGTRÄSK	652312.3N 0203746.8E	656	1932	FLG W	Wind turbine
	15355	LÅNGTRÄSK	652303.8N 0203702.9E	656	1932	FLG W	Wind turbine
	15356	LÅNGTRÄSK	652254.0N 0203743.1E	656	1932	F R	Wind turbine
	15357	LÅNGTRÄSK	652211.8N 0203735.8E	656	1706	F R	Wind turbine
	15358	LÅNGTRÄSK	652157.9N 0203709.4E	656	1706	F R	Wind turbine
	15359	LÅNGTRÄSK	652157.2N 0203753.5E	656	1706	FLG W	Wind turbine
	15360	LÅNGTRÄSK	652142.9N 0203650.1E	656	1752	F R	Wind turbine
	15361	LÅNGTRÄSK	652135.9N 0203735.8E	656	1791	F R	Wind turbine
	15362	LÅNGTRÄSK	652128.9N 0203811.9E	656	1795	F R	Wind turbine
	15363	LÅNGTRÄSK	652114.9N 0203826.4E	656	1827	F R	Wind turbine
	15364	LÅNGTRÄSK	652116.1N 0203742.4E	656	1834	F R	Wind turbine
	15365	LÅNGTRÄSK	652117.4N 0203702.8E	656	1762	F R	Wind turbine
	15366	LÅNGTRÄSK	652124.2N 0203602.6E	656	1713	FLG W	Wind turbine
	15367	LÅNGTRÄSK	652100.1N 0203613.1E	656	1686	F R	Wind turbine
	15368	LÅNGTRÄSK	652054.8N 0203705.9E	656	1693	F R	Wind turbine
	15369	LÅNGTRÄSK	652101.9N 0203757.1E	656	1693	F R	Wind turbine
	15370	LÅNGTRÄSK	652107.3N 0203902.3E	656	1768	FLG W	Wind turbine
	15371	LÅNGTRÄSK	652056.0N 0203927.1E	656	1768	F R	Wind turbine
	15372	LÅNGTRÄSK	652045.4N 0203955.0E	656	1703	F R	Wind turbine
	15373	LÅNGTRÄSK	652053.5N 0203848.2E	656	1706	F R	Wind turbine
	15374	LÅNGTRÄSK	652040.3N 0203651.5E	656	1673	F R	Wind turbine
	15375	LÅNGTRÄSK	652024.4N 0203720.2E	656	1742	F R	Wind turbine
	15376	LÅNGTRÄSK	652015.6N 0203645.2E	656	1627	FLG W	Wind turbine
	15377	LÅNGTRÄSK	652017.2N 0203757.6E	656	1795	F R	Wind turbine
	15378	LÅNGTRÄSK	652008.1N 0203727.9E	656	1795	F R	Wind turbine
	15379	LÅNGTRÄSK	652000.7N 0203805.2E	656	1778	F R	Wind turbine
	15380	LÅNGTRÄSK	652007.7N 0203841.5E	656	1749	F R	Wind turbine
	15381	LÅNGTRÄSK	651956.1N 0203902.8E	656	1745	F R	Wind turbine
	15382	LÅNGTRÄSK	652000.5N 0203947.0E	656	1667	F R	Wind turbine
	15383	LÅNGTRÄSK	651952.6N 0204024.2E	656	1650	F R	Wind turbine
	15384	LÅNGTRÄSK	652033.6N 0204131.9E	656	1693	FLG W	Wind turbine
	15385	LÅNGTRÄSK	652019.4N 0204206.2E	656	1693	F R	Wind turbine
	15386	LÅNGTRÄSK	652009.3N 0204117.5E	656	1627	F R	Wind turbine
	15387	LÅNGTRÄSK	651957.0N 0204159.4E	656	1634	F R	Wind turbine
	15388	LÅNGTRÄSK	651943.4N 0204250.2E	656	1667	F R	Wind turbine
	15389	LÅNGTRÄSK	651946.6N 0204338.3E	656	1752	F R	Wind turbine
	15390	LÅNGTRÄSK	651946.5N 0204417.9E	656	1811	FLG W	Wind turbine
	15391	LÅNGTRÄSK	651931.2N 0203824.6E	656	1594	FLG W	Wind turbine
	15392	LÅNGTRÄSK	651923.7N 0203909.4E	656	1601	F R	Wind turbine
	15393	LÅNGTRÄSK	651929.2N 0204003.9E	656	1637	F R	Wind turbine
	15394	LÅNGTRÄSK	651922.5N 0204102.4E	656	1627	F R	Wind turbine
	15395	LÅNGTRÄSK	651901.0N 0203959.4E	656	1539	FLG W	Wind turbine
	15396	LÅNGTRÄSK	651906.2N 0204046.5E	656	1591	F R	Wind turbine
	15397	LÅNGTRÄSK	651858.9N 0204138.3E	656	1601	F R	Wind turbine
	15398	LÅNGTRÄSK	651845.5N 0204114.4E	656	1578	F R	Wind turbine
	15399	LÅNGTRÄSK	651830.9N 0204137.3E	656	1555	F R	Wind turbine
	15400	LÅNGTRÄSK	651820.1N 0204210.9E	656	1549	FLG W	Wind turbine
	15401	LÅNGTRÄSK	651814.6N 0204252.0E	656	1545	FLG W	Wind turbine
	15402	LÅNGTRÄSK	651813.1N 0204335.8E	656	1542	F R	Wind turbine
	15403	LÅNGTRÄSK	651841.4N 0204236.7E	656	1575	F R	Wind turbine
	15404	LÅNGTRÄSK	651918.3N 0204229.6E	656	1644	F R	Wind turbine
	15405	LÅNGTRÄSK	651921.5N 0204336.2E	656	1706	F R	Wind turbine
	15406	LÅNGTRÄSK	651922.8N 0204420.4E	656	1808	F R	Wind turbine
	15407	LÅNGTRÄSK	651907.1N 0204436.5E	656	1775	F R	Wind turbine
	15408	LÅNGTRÄSK	651902.4N 0204337.7E	656	1660	F R	Wind turbine
	15409	LÅNGTRÄSK	651839.0N 0204402.6E	656	1634	F R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	15410	LÄNGTRÄSK	651849.6N 0204448.1E	656	1749	F R	Wind turbine
	15411	LÄNGTRÄSK	651825.8N 0204437.5E	656	1696	F R	Wind turbine
	15412	LÄNGTRÄSK	651834.6N 0204515.8E	656	1772	F R	Wind turbine
	15413	LÄNGTRÄSK	651814.7N 0204500.7E	656	1762	F R	Wind turbine
	15414	LÄNGTRÄSK	651821.9N 0204537.1E	656	1781	F R	Wind turbine
	15415	LÄNGTRÄSK	651759.6N 0204525.8E	656	1736	F R	Wind turbine
	15416	LÄNGTRÄSK	651806.7N 0204629.3E	656	1788	F R	Wind turbine
	15417	LÄNGTRÄSK	651751.8N 0204606.6E	656	1719	FLG W	Wind turbine
	15418	LÄNGTRÄSK	651755.7N 0204652.6E	656	1778	F R	Wind turbine
	15453	S BRÄNNTRÄSK	653500.8N 0201506.6E	656	1818	FLG W	Wind turbine
	15454	S BRÄNNTRÄSK	653225.0N 0201150.8E	656	1818	F R	Wind turbine
	15455	S BRÄNNTRÄSK	653201.1N 0201224.8E	656	1923	F R	Wind turbine
	15456	S BRÄNNTRÄSK	653124.4N 0201207.4E	656	1900	FLG W	Wind turbine
	15457	S BRÄNNTRÄSK	653135.4N 0201147.5E	656	1919	F R	Wind turbine
	15458	S BRÄNNTRÄSK	653144.7N 0201122.4E	656	1952	F R	Wind turbine
	15459	S BRÄNNTRÄSK	653121.9N 0201024.8E	656	1923	FLG W	Wind turbine
	15460	S BRÄNNTRÄSK	653157.9N 0201038.0E	656	2028	F R	Wind turbine
	15461	S BRÄNNTRÄSK	653145.8N 0200957.1E	656	2028	F R	Wind turbine
	15462	S BRÄNNTRÄSK	653135.3N 0200925.1E	656	2034	F R	Wind turbine
	15463	S BRÄNNTRÄSK	653138.5N 0200758.5E	656	2110	FLG W	Wind turbine
	15464	S BRÄNNTRÄSK	653144.3N 0200724.6E	656	2093	F R	Wind turbine
	15465	S BRÄNNTRÄSK	653157.7N 0200709.7E	656	2047	FLG W	Wind turbine
	15494	STORBLÅLIDEN	652704.5N 0202303.7E	656	1972	FLG W	Wind turbine
	15495	STORBLÅLIDEN	652731.6N 0202209.2E	656	2008	FLG W	Wind turbine
	15496	STORBLÅLIDEN	652757.8N 0202258.4E	656	2024	FLG W	Wind turbine
	15756	STORLIDEN	652425.9N 0203912.7E (*)	620	1837	F R	Wind turbine
65N 21E	569	BODEN/ÄLVSBYEN	654116.8N 0211557.1E	1066	1956	F R/FLG W	Mast
	9746	HEMMINGSMARK	651420.3N 0210930.2E (*)	394	1050	F R	Mast
	10264	BONDÖN	651215.5N 0214255.7E (*)	443	449	FLG R	Wind turbine
	10265	BONDÖN	651229.2N 0214234.9E (*)	443	463	FLG R	Wind turbine
	10266	BONDÖN	651312.8N 0214131.5E (*)	443	463	FLG R	Wind turbine
	10267	BONDÖN	651320.3N 0214158.3E (*)	443	466	FLG R	Wind turbine
	10268	BONDÖN	651225.5N 0214349.1E (*)	443	466	FLG R	Wind turbine
	10269	BONDÖN	651240.2N 0214328.2E (*)	443	466	FLG R	Wind turbine
	10270	BONDÖN	651254.6N 0214309.7E (*)	443	472	FLG R	Wind turbine
	10271	BONDÖN	651243.8N 0214213.9E (*)	443	459	FLG R	Wind turbine
	10272	BONDÖN	651259.1N 0214154.8E (*)	443	469	FLG R	Wind turbine
	10273	BONDÖN	651222.3N 0214323.6E (*)	443	472	FLG R	Wind turbine
	10274	BONDÖN	651241.1N 0214253.2E (*)	443	469	FLG R	Wind turbine
	10275	BONDÖN	651300.4N 0214227.0E (*)	443	482	FLG R	Wind turbine
	10276	BONDÖN	651309.0N 0214249.0E (*)	443	469	FLG R	Wind turbine
	10277	BONDÖN	651323.3N 0214229.2E (*)	443	456	FLG R	Wind turbine
65N 22E	11242	HEMMINGSMARK	651404.3N 0210953.2E (*)	328	984	F R	Mast
	573	LULEÅ/SINKSUNDSBERGET	653650.8N 0221208.2E	341	563	F R	Mast
	9141	LULEÅ	653309.4N 0221751.6E (*)	328	335	F R	Mast
65N 23E	576	HAPARANDA/LÄNGTRÄSK	655616.0N 0233058.2E	1063	1360	F R/FLG W	Mast
	8114	BÅTSKÄRSNÄS	654642.6N 0232330.5E (*)	335	400	F R	Wind turbine
	9375	STORÖN	654237.8N 0230425.2E (*)	328	328	F R	Wind turbine
	11161	SESKARÖ	654310.2N 0234232.3E (*)	328	390	F R	Wind turbine
	11162	SESKARÖ	654307.5N 0234308.5E (*)	328	371	F R	Wind turbine
	11163	SESKARÖ	654306.4N 0234347.2E (*)	328	394	F R	Wind turbine
	11164	SESKARÖ	654253.8N 0234322.6E (*)	328	367	F R	Wind turbine
	11165	SESKARÖ	654255.3N 0234249.9E (*)	328	387	F R	Wind turbine
66N 19E	1010	LIGGA	664835.0N 0195430.8E (*)	344	1132	F R	Mast
66N 20E	590	VUOLLERIM	662647.2N 0204236.4E (*)	344	1329	F R	Mast
66N 22E	610	ÖVERKALIX	661805.4N 0225113.0E (*)	1083	1424	F R/FLG W	Mast
	10160	STORMUGGBERGET	662043.5N 0221330.9E (*)	331	1207	F R	Mast
	10161	HÄLLBERGET	662333.9N 0220535.9E (*)	331	1555	F R	Mast
	13234	LEHTIROVA	665852.3N 0220606.2E (*)	604	1814	FLG W	Wind turbine
	13235	LEHTIROVA	665833.2N 0220531.8E (*)	604	1716	FLG W	Wind turbine
	13236	LEHTIROVA	665834.3N 0220624.8E (*)	604	1745	F R	Wind turbine
	13237	LEHTIROVA	665834.3N 0220854.3E (*)	604	1732	FLG W	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
66N 23E	13238	LEHTIROVA	665820.3N 0220924.4E (*)	604	1660	F R	Wind turbine
	13239	LEHTIROVA	665756.7N 0220931.2E (*)	604	1654	FLG W	Wind turbine
	13240	LEHTIROVA	665758.7N 0220806.9E (*)	604	1821	F R	Wind turbine
	13241	LEHTIROVA	665739.4N 0220822.5E (*)	604	1726	F R	Wind turbine
	13242	LEHTIROVA	665725.9N 0220850.8E (*)	604	1654	FLG W	Wind turbine
	14411	NIEMISEL	661945.7N 0220548.4E (*)	417	1378	F R	Mast
	14412	NIEMISEL	661833.4N 0221205.2E (*)	417	1263	F R	Mast
	7583	ETU-AAPUA	665056.1N 0232704.5E (*)	390	1526	F R	Wind turbine
	7584	ETU-AAPUA	665049.5N 0232720.1E (*)	390	1542	F R	Wind turbine
	7585	ETU-AAPUA	665041.0N 0232722.7E (*)	390	1512	F R	Wind turbine
	7586	ETU-AAPUA	665025.9N 0232739.4E (*)	390	1604	F R	Wind turbine
	7587	ETU-AAPUA	665017.3N 0232740.8E (*)	390	1611	F R	Wind turbine
	7588	ETU-AAPUA	664957.7N 0232740.6E (*)	390	1693	F R	Wind turbine
	7589	ETU-AAPUA	664948.8N 0232747.5E (*)	390	1683	F R	Wind turbine
	11889	KORPILOMBOLO	665315.1N 0231846.2E (*)	587	1512	FLG W	Wind turbine
	11890	KORPILOMBOLO	665300.0N 0231914.5E (*)	587	1490	F R	Wind turbine
	11891	KORPILOMBOLO	665247.8N 0231946.6E (*)	587	1473	F R	Wind turbine
	11892	KORPILOMBOLO	665305.2N 0232032.3E (*)	587	1555	F R	Wind turbine
	11893	KORPILOMBOLO	665247.2N 0232033.9E (*)	587	1572	F R	Wind turbine
	11894	KORPILOMBOLO	665228.9N 0232030.7E (*)	587	1516	F R	Wind turbine
	11895	KORPILOMBOLO	665215.5N 0232053.8E (*)	587	1457	FLG W	Wind turbine
	11896	KORPILOMBOLO	665303.2N 0232116.3E (*)	587	1581	FLG W	Wind turbine
	11897	KORPILOMBOLO	665245.8N 0232129.2E (*)	587	1496	F R	Wind turbine
	11898	KORPILOMBOLO	665244.8N 0232309.0E (*)	587	1506	FLG W	Wind turbine
	11899	KORPILOMBOLO	665226.9N 0232325.0E (*)	587	1509	F R	Wind turbine
	11900	KORPILOMBOLO	665210.8N 0232340.4E (*)	587	1434	FLG W	Wind turbine
	11901	KORPILOMBOLO	665132.9N 0231659.7E (*)	587	1572	FLG W	Wind turbine
	11902	KORPILOMBOLO	665125.5N 0231739.9E (*)	587	1490	F R	Wind turbine
	11903	KORPILOMBOLO	665114.8N 0231655.9E (*)	587	1539	F R	Wind turbine
	11904	KORPILOMBOLO	665058.2N 0231631.4E (*)	587	1542	FLG W	Wind turbine
	11905	KORPILOMBOLO	665056.8N 0231715.2E (*)	587	1637	F R	Wind turbine
	11906	KORPILOMBOLO	665048.6N 0231748.8E (*)	587	1552	FLG W	Wind turbine
	11907	KORPILOMBOLO	665032.0N 0231722.3E (*)	587	1621	F R	Wind turbine
	11908	KORPILOMBOLO	665013.8N 0231707.7E (*)	587	1539	F R	Wind turbine
	11909	KORPILOMBOLO	665001.6N 0231732.2E (*)	587	1473	FLG W	Wind turbine
	11910	KORPILOMBOLO	665017.9N 0231832.5E (*)	587	1572	F R	Wind turbine
	11911	KORPILOMBOLO	665000.0N 0231833.8E (*)	587	1496	F R	Wind turbine
	11912	KORPILOMBOLO	664957.6N 0231915.0E (*)	587	1496	FLG W	Wind turbine
	12718	KORPILOMBOLO	665626.5N 0231823.5E (*)	597	1621	FLG W	Wind turbine
	12719	KORPILOMBOLO	665622.0N 0231907.8E (*)	597	1562	F R	Wind turbine
	12720	KORPILOMBOLO	665618.2N 0231959.0E (*)	597	1565	FLG W	Wind turbine
	12721	KORPILOMBOLO	665601.0N 0232011.1E (*)	597	1650	F R	Wind turbine
	12722	KORPILOMBOLO	665548.4N 0232042.8E (*)	597	1677	F R	Wind turbine
	12723	KORPILOMBOLO	665531.1N 0232054.9E (*)	597	1558	F R	Wind turbine
	12724	KORPILOMBOLO	665515.6N 0232115.1E (*)	597	1467	FLG W	Wind turbine
	12725	KORPILOMBOLO	665555.5N 0231823.3E (*)	597	1555	FLG W	Wind turbine
	12726	KORPILOMBOLO	665544.3N 0231859.2E (*)	597	1650	F R	Wind turbine
12727	KORPILOMBOLO	665527.5N 0231920.4E (*)	597	1624	FLG W	Wind turbine	
67N 20E	618	KIRUNA/KIRUNAVAARA	674959.5N 0201109.3E (*)	709	2923	F R/FLG W	Mast
	620	GÄLLIVARE/DUNDRET	670600.9N 0203638.2E (*)	518	2969	F R/FLG W	Mast
	621	GÄLLIVARE 2	670410.9N 0205816.0E (*)	374	1437	F R	Mine hoist
	1168	MALMBERGET	671057.8N 0204041.2E (*)	328	2067	F R	Mast
	10903	SJISKA	673659.4N 0200841.4E (*)	427	2566	FLG R	Wind turbine
	10904	SJISKA	673656.0N 0200811.2E (*)	427	2448	FLG R	Wind turbine
	10905	SJISKA	673711.7N 0200827.8E (*)	427	2589	F R	Wind turbine
	10906	SJISKA	673718.0N 0200802.8E (*)	427	2569	FLG R	Wind turbine
	10907	SJISKA	673723.8N 0200734.2E (*)	427	2454	FLG R	Wind turbine
	10908	SJISKA	673727.5N 0200704.6E (*)	427	2392	FLG R	Wind turbine
	10909	SJISKA	673734.1N 0200635.7E (*)	427	2343	FLG R	Wind turbine
	10910	SJISKA	673742.6N 0200612.7E (*)	427	2310	FLG R	Wind turbine
	10911	SJISKA	673750.9N 0200640.9E (*)	427	2526	F R	Wind turbine
	10912	SJISKA	673800.8N 0200607.3E (*)	427	2310	FLG R	Wind turbine

Air Navigation obstacles – HGT 328 ft / 100 m AGL or more							
Area	No	Designation	Coordinates	Height ft	Elev ft	Light Character	Types of obstacles
	10913	SJISKA	673758.4N 0200706.3E (*)	427	2375	FLG R	Wind turbine
	10914	SJISKA	673745.9N 0200709.9E (*)	427	2408	F R	Wind turbine
	10915	SJISKA	673748.6N 0200740.5E (*)	427	2434	F R	Wind turbine
	10916	SJISKA	673757.9N 0200815.4E (*)	427	2441	FLG R	Wind turbine
	10917	SJISKA	673800.6N 0200846.4E (*)	427	2464	FLG R	Wind turbine
	10918	SJISKA	673803.5N 0200956.7E (*)	427	2415	FLG R	Wind turbine
	10919	SJISKA	673743.2N 0200811.5E (*)	427	2500	F R	Wind turbine
	10920	SJISKA	673735.7N 0200835.6E (*)	427	2569	F R	Wind turbine
	10921	SJISKA	673743.4N 0200859.9E (*)	427	2572	F R	Wind turbine
	10922	SJISKA	673741.6N 0201001.5E (*)	427	2628	FLG R	Wind turbine
	10923	SJISKA	673736.1N 0200924.4E (*)	427	2674	F R	Wind turbine
	10924	SJISKA	673725.1N 0200943.6E (*)	427	2717	FLG R	Wind turbine
	10925	SJISKA	673714.1N 0200950.6E (*)	427	2785	FLG R	Wind turbine
	10926	SJISKA	673711.2N 0200919.8E (*)	427	2690	F R	Wind turbine
	10927	SJISKA	673656.7N 0200914.4E (*)	427	2559	FLG R	Wind turbine
	10928	SJISKA	673653.6N 0200944.7E (*)	427	2562	FLG R	Wind turbine
	10929	SJISKA	673646.4N 0201008.2E (*)	427	2569	FLG R	Wind turbine
	10930	SJISKA	673657.4N 0201018.8E (*)	427	2566	FLG R	Wind turbine
	10931	SJISKA	673717.6N 0200853.5E (*)	427	2635	F R	Wind turbine
	10932	SJISKA	673748.1N 0200934.8E (*)	427	2562	F R	Wind turbine
67N 21E	624	KIRUNA/ESRANGE	675324.5N 0210628.6E (*)	335	1309	F R/FLG W	Tower
	10344	KUUSIVAARA	672859.7N 0215717.0E (*)	328	1601	F R	Mast
	13202	LEHTIROVA	670957.1N 0215948.6E (*)	604	1959	FLG W	Wind turbine
67N 22E	11382	KOIJUVARA	670926.3N 0220053.8E (*)	344	1647	F R	Mast
	13203	LEHTIROVA	670945.1N 0220017.6E (*)	604	1929	F R	Wind turbine
	13204	LEHTIROVA	670933.0N 0220045.6E (*)	604	1916	F R	Wind turbine
	13205	LEHTIROVA	670917.1N 0220104.1E (*)	604	1896	F R	Wind turbine
	13206	LEHTIROVA	670906.9N 0220137.8E (*)	604	1860	FLG W	Wind turbine
	13207	LEHTIROVA	670955.8N 0220635.6E (*)	604	1768	FLG W	Wind turbine
	13208	LEHTIROVA	670945.0N 0220705.2E (*)	604	1847	F R	Wind turbine
	13209	LEHTIROVA	670932.3N 0220732.4E (*)	604	1909	F R	Wind turbine
	13210	LEHTIROVA	670918.0N 0220757.3E (*)	604	1808	F R	Wind turbine
	13211	LEHTIROVA	670906.8N 0220828.7E (*)	604	1709	FLG W	Wind turbine
	13212	LEHTIROVA	670913.2N 0220657.3E (*)	604	1880	F R	Wind turbine
	13213	LEHTIROVA	670851.4N 0220701.5E (*)	604	1841	FLG W	Wind turbine
	13214	LEHTIROVA	670834.5N 0220721.6E (*)	604	1808	F R	Wind turbine
	13215	LEHTIROVA	670818.3N 0220741.9E (*)	604	1752	FLG W	Wind turbine
	13216	LEHTIROVA	670445.4N 0220539.7E (*)	604	1726	FLG W	Wind turbine
	13217	LEHTIROVA	670426.8N 0220505.7E (*)	604	1818	F R	Wind turbine
	13218	LEHTIROVA	670413.4N 0220537.6E (*)	604	1729	F R	Wind turbine
	13219	LEHTIROVA	670352.0N 0220548.6E (*)	604	1729	F R	Wind turbine
	13220	LEHTIROVA	670334.3N 0220613.4E (*)	604	1722	FLG W	Wind turbine
	13221	LEHTIROVA	670458.9N 0220234.0E (*)	604	1867	FLG W	Wind turbine
	13222	LEHTIROVA	670453.2N 0220317.5E (*)	604	1818	F R	Wind turbine
	13223	LEHTIROVA	670431.9N 0220242.3E (*)	604	1870	F R	Wind turbine
	13224	LEHTIROVA	670421.2N 0220315.9E (*)	604	1837	F R	Wind turbine
	13225	LEHTIROVA	670410.7N 0220221.4E (*)	604	1749	FLG W	Wind turbine
	13226	LEHTIROVA	670400.3N 0220318.0E (*)	604	1890	F R	Wind turbine
	13227	LEHTIROVA	670340.5N 0220335.7E (*)	604	1824	F R	Wind turbine
	13228	LEHTIROVA	670328.8N 0220407.8E (*)	604	1749	FLG W	Wind turbine
	13229	LEHTIROVA	670331.6N 0220204.0E (*)	604	1755	F R	Wind turbine
	13230	LEHTIROVA	670324.6N 0220244.4E (*)	604	1755	F R	Wind turbine
	13231	LEHTIROVA	670313.0N 0220138.3E (*)	604	1791	FLG W	Wind turbine
	13232	LEHTIROVA	670119.0N 0220128.8E (*)	604	1900	FLG W	Wind turbine
	13233	LEHTIROVA	670122.7N 0220215.4E (*)	604	1791	FLG W	Wind turbine
	13963	TÄRENDÖ	670810.2N 0222252.0E (*)	499	1568	F R	Mast
	13964	PAJALA	672421.3N 0225916.2E (*)	499	1535	F R	Mast
	13965	PAJALA	672315.1N 0225436.2E (*)	499	1381	F R	Mast
67N 23E	628	PAJALA 2	671643.9N 0231353.4E (*)	1099	1896	F R/FLG W	Mast
68N 22E	633	KARESUANDO	682418.4N 0222948.4E (*)	358	1982	F R	Mast

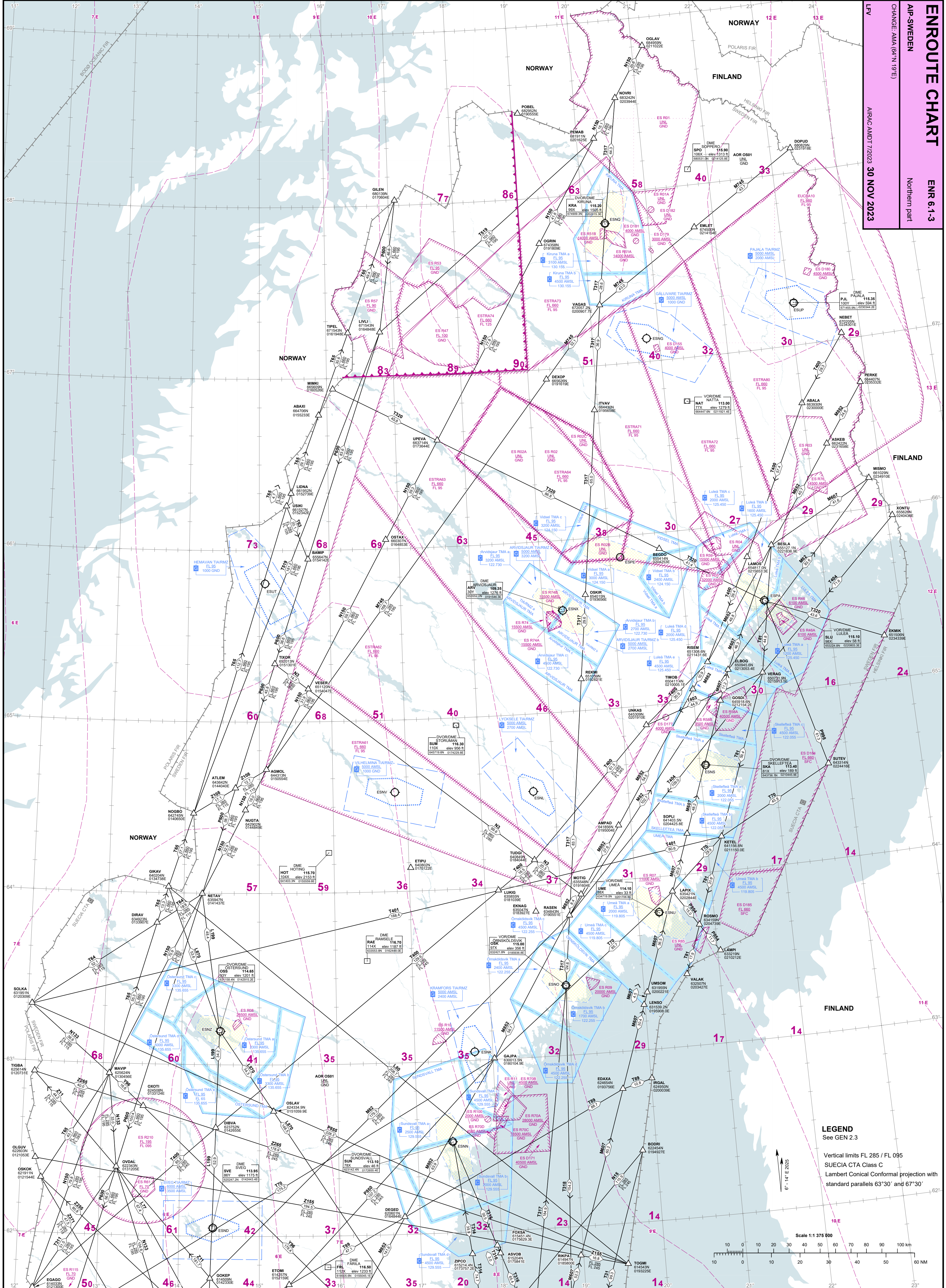
ENROUTE CHART

AP-SWEDEN

ENR 6-1-3
Northern part

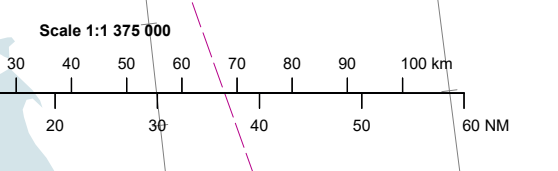
CHANGE: AMA (6-N-19E)

AIRAC AMDT 7/2023 30 NOV 2023



LEGEND

See GEN 2.3
Vertical limits FL 285 / FL 095
SUECIA CTA Class C
Lambert Conformal projection with
standard parallels 63°30' and 67°30'



HELIPORT Location Indicator Coordinates (ARP) Elevation (ft)	Dimensions (m)	Surface Bearing strength (Tonnes) Types E=Elevated H=Helideck S=Surface-level W=Water	Light	ATS Fuel	COM FREQ (MHz)	Category Owner/Operator TEL Fax Regulations and restrictions Remarks
LULEÅ/Sunderby sjukhuset ESES 654020N 0215609E (*) 39 ft	TLOF 20x20 FATO 20x20	ASPH - S ASPH - S	Yes	Jet A1	-	Licensed helicopter AD County council +46 (0)920 28 40 00 PPR 30 PN SOS Rescue Coordination Centre +46 (0) 920 22 02 75 Ambulance and rescue flights only. Regulations see Heliport chart, www.nllplus.se/heliport
LUND/Skånes universitetssjukhus ESEM 554242N 0131156E (*) 352 ft	TLOF Ø 29.3 FATO Ø 29.3	CONC (11) CONC (11)	E E	Yes	-	Licensed helicopter AD County council +46 (0)46 17 10 00 (exch) +46 (0)771 41 00 11 UAS consultation PPR 15 min PN SOS Rescue Coordination Centre +46 (0)722 07 01 37 Ambulance and rescue flights only. Regulations and restrictions see www.skane.se/heliport
LYCKSELE/Sjukhuset ESEY 643507N 0184051E (*) 742 ft	TLOF Ø 29 FATO Ø 29	ASPH - - ASPH - -	Yes	-	-	Licensed helicopter AD County council +46 (0)950 397 40 PPR Ambulance and rescue flights only. www.vll.se/heliport
MORA/Mora lasarett ESJM 610102N 0143503E 646 ft	TLOF Ø 20 FATO Ø 20	CONC (11) CONC (11)	E E	Yes	-	Licensed helicopter AD County council +46 (0)23 49 00 00 PPR 15 min PN +46 (0)72 570 54 60 RAKEL 325-3303 SOS Rescue Coordination Centre +46 (0)23 102 51 Ambulance and rescue flights only. Regulations see Heliport chart, www.regiondalarna.se/heliport
NORRTÄLJE/Sjukhuset ESHY 594528N 0184121E 61 ft	TLOF Ø 19.8 FATO Ø 19.8	CONC (6) E CONC (6) E	Yes	-	122.880	Licensed helicopter AD County council +46 (0)176 101 00 (exch) PPR 15 min PN SOS Rescue Coordination Centre +46 (0)8 454 26 22 or via RAKEL. Ambulance and rescue flights only. Restrictions applies for helicopters, see webpage www.tiohundra.se/heliport
SKELLEFTEÅ LASARETT ESJS 644520N 0205627E 236 ft	TLOF Ø 16 FATO Ø 16	ASPH - S ASPH - S	Yes	-	-	Non-licensed helicopter AD County council +46 (0)90 785 00 00 PPR 20 min PN Ambulance and rescue flights only. SOS Rescue Coordination Centre +46 (0)920 22 02 75
SKÖVDE/Kärnsjukhuset ESHO 582531N 0135053E 490 ft	TLOF Ø 24 FATO Ø 24	ASPH - S ASPH - S	Yes	Jet A1	-	Non-licensed helicopter AD County council +46 (0)500 43 10 00 PPR 15 min PN SOS Rescue Coordination Centre +46 (0)31 703 15 80 Ambulance and rescue flights only. Regulations see Heliport chart, www.vgregion.se/heliport

HELIPORT Location Indicator Coordinates (ARP) Elevation (ft)	Dimensions (m)	Surface Bearing strength (Tonnes) Types E=Elevated H=Helideck S=Surface-level W=Water	Light	ATS Fuel	COM FREQ (MHz)	Category Owner/Operator TEL Fax Regulations and restrictions Remarks
STOCKHOLM/Danderyds sjukhus ESHD 592329N 0180148E 5 ft	TLOF Ø 20 FATO 19x19	ASPH (6) S CONC (6) W	Yes	-	-	Licensed helicopter AD County council +46 (0)8 123 550 00 PPR 15 min PN SOS Rescue Coordination Centre +46 (0)8 454 26 22 or via RAKEL. Ambulance and rescue flights only. Restrictions applies for helicopters, see webpage www.ds.se/heliport
STOCKHOLM/Gamla Stan ESHG 591922N 0180358E 3 ft	TLOF 15x8 FATO 15x8	CONC - - CONC - -	No	-	-	Non-licensed helicopter AD Private Operator: Arlanda Helicopter AB +46 (0)70 689 21 42 PPR
STOCKHOLM/Huddinge sjukhus ESHL 591311N 0175603E 264 ft	TLOF Ø 29.3 FATO Ø 29.3	CONC (12) CONC (12)	E E	Yes	-	Licensed helicopter AD County council +46 (0)8 123 172 30 +46 (0)72 546 05 38 PPR 10 min PN SOS Rescue Coordination Centre +46 (0)8 454 26 22 or via RAKEL. Ambulance and rescue flights only. www.locum.se/verktygen/flygsakerhet/
STOCKHOLM/Karolinska Universitetssjukhuset Solna ESHK 592057N 0180155E 250 ft	Twin North TLOF 19.6x19.6 FATO 19.6x19.6 Twin South TLOF 19.6x19.6 FATO 19.6x19.6	CONC (11) CONC (11) CONC (6) E CONC (6) E	E E	Yes Yes	- -	Licensed helicopter AD County council +46 (0)8 123 172 30 +46(0)72 546 05 38 PPR 10 min PN SOS Rescue Coordination Centre +46 (0)8 454 26 22 or via RAKEL. Ambulance and rescue flights only. www.locum.se/verktygen/flygsakerhet/ Single FATO permanently closed see webpage. Twin FATO Max rotor diameter 16.3 m. Sector NE 033°-213° obstacle clearance 4.5% Sector SW 233°-053° obstacle clearance 4.5% Restrictions applies for helicopters over 6 tonnes, see webpage.
STOCKHOLM/Södersjukhuset ESHC 591830N 0180317E 136 ft	TLOF Ø 28.1 FATO Ø 28.1	CONC (10) CONC (10)	S S	Yes	-	Licensed helicopter AD County council +46 (0)8 123 610 00 PPR 10 min PN SOS Rescue Coordination Centre +46 (0)8 454 26 22 or via RAKEL. Ambulance and rescue flights only. www.sodersjukhuset.se/heliport
SUNDSVALL/Länssjukhuset ESED 622429N 0171808E 312 ft	TLOF 17.2x16.2 FATO 17.2x16.2	ASPH - - ASPH - -		Yes	-	Licensed helicopter AD County council +46 (0) 611 80 000 PPR 60 min PN Länssjukhuset Sundsvall +46 (0)60 18 10 00 (exch) Ambulance and rescue flights only. www.rvn.se/sv/For-varldgivarer/ Helikopterflygplats-Länssjukhuset- Sundsvall-Harnosand/

HELIPORT Location Indicator Coordinates (ARP) Elevation (ft)	Dimensions (m)	Surface Bearing strength (Tonnes) Types E=Elevated H=Helideck S=Surface-level W=Water	Light	ATS Fuel	COM FREQ (MHz)	Category Owner/Operator TEL Fax Regulations and restrictions Remarks
TORSBY/Torsby sjukhus ESET 600812N 0125951E (*) 335 ft	TLOF Ø 24 FATO Ø 24	CONC/ASPH - S CONC/ASPH - S	Yes	-	-	Non-licensed helicopter AD County council +46 (0)560 712 04 PPR 60 min PN Unmanned SOS Rescue Coordination Centre +46 (0)54 83 34 50 Ambulance and rescue flights only. Regulations see Heliport chart, www.liv.se/heliport
TROLLHÄTTAN/NÄL sjukhus ESEN 581909N 0121605E 312 ft	TLOF Ø 24 FATO Ø 24	ASPH - S ASPH - S	Yes	Jet A1	-	Licensed helicopter AD County council +46 (0)521 910 00 PPR 15 min PN SOS Rescue Coordination Centre +46 (0)31 703 15 80 Ambulance and rescue flights only. Regulations see Heliport chart, www.vgregion.se/heliport
UMEÅ/Universitetssjukhuset ESHZ 634902N 0201754E (*) 233 ft	TLOF Ø 23 FATO Ø 23	METAL (12) E METAL (12) E	Yes	-	-	Licensed helicopter AD County council +46 (0)90 785 00 00 PPR 15 min PN SOS Rescue Coordination Centre Ambulance and rescue flights only. Regulations see Heliport chart, www.vll.se/heliport
UPPSALA/Akademiska sjukhuset ESHU 595050N 0173825E (*) 172 ft	TLOF Ø 27.9 FATO Ø 27.9	CONC (11) E CONC (11) E	Yes	-	-	Licensed helicopter AD County council +46 (0)18 611 00 00 Ambulance and rescue flights only. 30 min PN before ARR TEL +46 (0)10 603 88 31 Regulations see Heliport chart, https://region uppsala.se/ samverkanswebben/it-service-och- fastighet/helikopterflygplats/
VISBY/Sjukhuset ESEV 573900N 0181803E (*) 26 ft	TLOF Ø 28.1 FATO Ø 28.1	CONC/ASPH - - CONC/ASPH - -	Yes	-	-	Licensed helicopter AD Municipal +46 (0)498 20 35 55 PPR 30 min PN Ambulance and SAR OPS: SOS 112. Ambulance and rescue flights only. www.gotland.se/heliport
VÄSTERÅS/Västmanlands sjukhus ESEW 593657N 0163455E 103 ft	TLOF Ø 20 FATO Ø 20	ASPH - - ASPH - -	Yes	-	-	Non-licensed Helicopter AD County council +46 (0)21 17 30 00 PPR 30 min PN Rescue Coordination Centre Medhelp +46 (0)21 30 01 65 Ambulance and rescue flights only.
ÅKERSBERGA ESHR 592908N 0181618E (*) 5 ft	TLOF 10x10 FATO 25x25	CONC - - Grass - -	Yes	-	123.475	Non-licensed helicopter AD Private Operator: Arlanda Helicopter AB +46 (0)70 689 21 42 PPR

HELIPORT Location Indicator Coordinates (ARP) Elevation (ft)	Dimensions (m)	Surface Bearing strength (Tonnes) Types E=Elevated H=Helideck S=Surface-level W=Water	Light	ATS Fuel	COM FREQ (MHz)	Category Owner/Operator TEL Fax Regulations and restrictions Remarks
ÖREBRO/Universitetssjukhuset ESHQ 591629N 0151344E 165 ft	TLOF Ø 28.1 FATO Ø 28.1	CONC (10) E CONC (10) E	Yes	-	-	Licensed helicopter AD County council +46 (0)19 602 22 22 PPR 30 min PN +46 (0)19 602 22 22 Ambulance and rescue flights only. www.regionorebrolan.se/hkp Max rotor diameter 15.6 m.

12 Förteckning över flygplatser

12 Aerodrome directory

AERODROME Location Indicator Coordinates (ARP) Location Elevation (ft)	RWY	Dimensions (m)	Surface	Light	ATS Fuel	COM FREQ (MHz)	Category Owner/Operator TEL Fax Regulations and restrictions Remarks
ALINGSÅS ESGI 575659N 0123441E (*) 1.8 NM NE 226 ft	01/19	600x30	Grass	No	100LL	123.650	Non-licensed AD Alingsås flygklubb +46 (0)322 148 87 +46 (0)322 63 31 98
ANDERSTORP ESMP 571554N 0133606E 1 NM SW 507 ft	04/22	1000x20 TLOF 16x16 FATO 16x16	ASPH	No	-	123.200	Non-licensed AD SRW Anderstorp AB +46 (0)371 56 41 00 +46 (0)706 49 85 06 www.srwanderstorp.se airport@srwanderstorp.se PPR mandatory for RWY and heliport. Heliport located SE THR RWY 04. PSN: 571537N0133542E Heliport only avbl for ambulance and rescue flights.
ARBOGA ESQO 592318N 0155515E (*) 2 NM SE 33 ft	15/33	1700x40	ASPH	No	-	123.150	Non-licensed AD SAAB +46 (0)589 818 44 PPR THR 33 displaced 300 m. Limited fire fighting, rescue and handling service O/R. Glider flying
ARBRÅ ESUB 613045N 0162221E (*) 1.5 NM N 378 ft	18/36	700x30	Grass	No	91/96	123.200	Non-licensed AD Arbrå flygklubb +46 (0)278 454 54 +46 (0)705 84 07 00
ARVIDSJAUR ESNX Details, see AD 2	12/30	2500x45	ASPH	Yes	TWR/AFIS	Yes	Licensed, instrument AD Municipal
ARVIKA ESKV 594030N 0123822E NE 2 NM from Arvika 237 ft	01/19	1150x30	ASPH	Yes	91UL	123.350	Non-licensed AD Arvika flygklubb +46 (0)734 64 34 06 More than three TGL only permitted weekdays 0700-1600 (0600-1500). THR 19 displaced 200 m. PCL on frequency 123.350 MHz for 12 seconds. After departure RWY 19, climb straight ahead and no left turn until after passing S of highway 61. Other activities including motor vehicles may occur on RWY, TWY and APN. Wildlife common in aerodrome area. Sporadic snow clearance. Credit cards accepted for payment of fuel. info@arvikaflygklubb.se www.arvikaflygklubb.se

AERODROME Location Indicator Coordinates (ARP) Location Elevation (ft)	RWY	Dimensions (m)	Surface	Light	ATS Fuel	COM FREQ (MHz)	Category Owner/Operator TEL Fax Regulations and restrictions Remarks
AVESTA ESVA 601049N 0160722E (*) 2.6 NM NNW 320 ft	15/33	850x40	Grass	No	91/96	123.550	Non-licensed AD Avesta flygklubb +46 (0)70 219 40 24 +46 (0)70 557 10 05 THR 15 displaced 50 m Glider flying
BORGLANDA ESMB 565147N 0163922E (*) 0.7 NM SW Borgholm 118 ft	03/21	625x50	Grass	No	-	123.550	Non-licensed AD Municipal +46 (0)485 104 00 (AD) +46 (0)706 62 07 95 PPR OCT-APR Right hand traffic circuit to RWY 03.
BORLÄNGE ESSD Details, see AD 2	14/32 12/30	2313x45 720x40	ASPH Grass	Yes No	TWR	Yes	Licensed, instrument AD Municipal
BORÅS ESGE 574145N 0125042E (*) 3.5 NM SW 588 ft	04L/22R 04R/22L	800x18 800x50	ASPH Grass	Yes No	100LL 91/96UL Jet A1 100LL 91/96UL Jet A1	123.525	Licensed AD Municipal OPR Borås flygplatsförening +46 (0)33 25 43 58 www.borasflygplats.se PPR during 15 NOV-15 APR Flying activity only permitted : MON-THU 0600-2100 (0500-2000) FRI 0600-1900 (0500-1800) SAT-SUN, HOL SEP-MAY 0700-1900 (0600-1800) SAT-SUN, HOL JUN-AUG 0700-1700 (0600-1600). Flying activity are not allowed Good Friday, Easter Eve, Whitsun Eve, Whitsunday, Midsummer Eve, first connected SAT-SUN in JUL, Christmas Eve, Christmas Day and Day after Christmas Day. Landing with gliders excepted from hours and days above. TGL not allowed for visiting ACFT and HEL. Grass surface soft at precipitation. For gliders right hand traffic circuit to RWY 04R. PCL on freq 123.525 MHz, 10 sec duration. After take-off RWY 22R/L turn left immediately.
BRATTFORSHEDEN ESSM 593630N 0135444E (*) 588 ft	08/26	800x50	Grass	Yes	100LL O/R	-	Non-licensed AD Brattforshedens flygklubb +46 (0)553 210 71 APR-OCT extensive winchlaunching of gliders.
BUNGE ESVB 575100N 0190218E (*) 0.5 NM SE 66 ft	09/27 16/34	675x30 675x30	ASPH ASPH	No No	-	123.400	Non-licensed AD Private +46 (0)704 96 86 41 PPR

AERODROME Location Indicator Coordinates (ARP) Location Elevation (ft)	RWY	Dimensions (m)	Surface	Light	ATS Fuel	COM FREQ (MHz)	Category Owner/Operator TEL Fax Regulations and restrictions Remarks
DALA-JÄRNA ESKD 603322N 0142238E (*) 5 NM ENE Vansbro 773 ft	03/21	900x24	ASPH	Yes	100LL	123.350	Non-licensed AD Västerdalarnas flygklubb +46 (0)281 203 82 +46 (0)281 202 60 THR 03 displaced 100 m.
EDSBYN ESUY 612313N 0155000E (*) 1 NM NE 515 ft	11/29	700x40	Grass	No	80/87	123.550	Non-licensed AD Edsbyn flygklubb +46 (0)271 211 50 +46 (0)271 222 14 THR 11 displaced 160 m.
EKSHÄRAD ESKH 600917N 0133143E (*) 1.5 NM SSE 460 ft	15/33	540x45	Grass	No	100LL	-	Non-licensed AD Ekshärad flygklubb +46 (0)563 404 66 +46 (0)563 400 01 THR 15 displaced 115 m.
EKSJÖ/Ränneslätt ESMC 574012N 0145631E (*) 0.5 NM W 720 ft	01/19	1000x30	Grass	No	100LL 91/96	123.425	Non-licensed AD Norra Smålands flygklubb +46 (0)381 160 50 PPR TEL +46 (0)381 181 03 (Ing 2) THR 01 displaced 200 m. THR 19 displaced 120 m. Right hand traffic circuit to RWY 01. Within ES R39
ENKÖPING/Långtora ESVL 594450N 0170842E (*) 6.5 NM NNE Enköping 49 ft	12/30 07/25	720x200 670x200	Grass Grass	No No	91/96	123.525	Non-licensed AD Stockholms segelflygklubb +46 (0)706 68 50 11 PPR See website Repeated/practice take-offs and landings not allowed. Glider traffic, circuit always north of RWY. Motor traffic, circuit always south of RWY. www.ssfk.se Mainly gliding activity from APR-OCT.
ESKILSTUNA ESSU Details, see AD 2	18/36	1886x35	ASPH/ CONC	Yes	AFIS	Yes	Licensed, instrument AD Municipal
ESKILSTUNA/Ekeby ESSC 592302N 0162631E (*) 43 ft	05/23	850x150	Grass	No	91/96	123.200	Non-licensed AD Municipal +46 (0)16 51 34 89 +46 (0)16 14 03 57 Fax +46 (0)16 51 34 77 For gliding only PPR
ESLÖV ESME 555054N 0131952E 1 NM NE 296 ft	12/30 06/24	799x20 450x30	ASPH Grass	No No	100LL O/R	123.150	Non-licensed AD Municipal +46 (0)705 54 70 00 THR 06 displaced 90 m. PPR for take-off/landing exercises by visiting ACFT, +46 (0)705 54 70 00. RWY 06/24 not to be used for repeated take-off/landing exercises. Right hand traffic circuit when RWY 24 and 30 is in use.

AERODROME Location Indicator Coordinates (ARP) Location Elevation (ft)	RWY	Dimensions (m)	Surface	Light	ATS Fuel	COM FREQ (MHz)	Category Owner/Operator TEL Fax Regulations and restrictions Remarks
FAGERHULT ESMF 562316N 0132814E (*) 1 NM N 378 ft	17/35	590x30	Grass	No	-	-	Non-licensed AD Private +46 (0)706 27 22 76 +46 (0)703 82 33 74 THR 17 displaced 100 m THR 35 displaced 30 m
FALKENBERG/Morup ESGF 565817N 0122321E (*) 36 ft	09/27	700x30	Grass	Yes	100LL	-	Non-licensed AD Falkenbergs flygklubb +46 (0)346 944 80 +46 (0)346 943 13
FALKÖPING ESGK 581012N 0133516E NE 1.5 NM from Falköping 785 ft	04/22	1316x30	ASPH	Yes	100LL O/R	123.350	Non-licensed AD Municipal +46 (0)515 806 30 PPR NOV-APR PCL on freq 123.350 MHz. Right hand circuit to RWY 04. APR-OCT, winch launching of gliders. Infrequent winter maintenance. Other activities may occur on RWY, TWY and apron.
FJÄLLBACKA ESTF 583749N 0111854E (*) 1.5 NM NNE 6 ft	06/24	740x34	Grass	No	100 LL	123.200	Non-licensed AD Municipal +46 (0)705 33 78 16 +46 (0)525 180 00 (Exch) +46 (0)705 12 49 35 PPR estf@telia.com
GAGNEF ESVG 603303N 0150441E (*) 2.7 NM S 575 ft	08/26	600x30	Grass	No	-	123.550	Non-licensed AD Gagnef flygklubb +46 (0)739 92 54 93 +46 (0)730 52 59 89 +46 (0)739 12 46 73 info@gagnefsflygklubb.se www.gagnefsflygklubb.se Right hand traffic circuit to RWY 08. Other activities may occur on RWY. RWY conditions wet and swampy after heavy rain.
GARGNÄS ESUG 651819N 0175832E (*) 0.3 NM SE 980 ft	17/35	940x30	Grass	No	100LL	123.450	Non-licensed AD Municipal +46 (0)952 213 29 +46 (0)952 212 08 +46 (0)706 07 27 32 PPR THR 17 displaced 50 m THR 35 displaced 90 m Right hand traffic circuit to RWY 35.

AERODROME Location Indicator Coordinates (ARP) Location Elevation (ft)	RWY	Dimensions (m)	Surface	Light	ATS Fuel	COM FREQ (MHz)	Category Owner/Operator TEL Fax Regulations and restrictions Remarks
GNESTA/Vängsö ESSZ 590604N 0171240E (*) 4.5 NM NW Gnesta 56 ft	03/21 15/33	770x30 700x30	Grass Grass	No Yes	91/96	123.375	Non-licensed AD Östra Sörmlands flygklubb PPR 2100-0500 (2000-0400), info@osfk.se THR 03 displaced 170 m. THR 33 displaced 85 m. TGL prohibited 2000-0600 (1900- 0500). After TKOF RWY 15/33, climb on RWY HDG to MNM 1500ft AMSL. Use RWY 03/21 only in strong wind. Avoid overflying of built-up areas. PCL RWY 15/33 on 123.375 MHz, 10 sec duration. Caution, glider flying close to airport
GRYTTJOM ESKG 601710N 0172546E (*) 4.5 NM SW Tierp 105 ft	17/35	809x27	Grass	No	-	123.400	Non-licensed AD Stockholms fallskärmsklubb +46 (0)293 502 51 +46 (0)705 76 84 71 PPR MAY-OCT Right hand traffic circuit to RWY 35. MAY-OCT intensive parachute jumping. Rough RWY surface
GÄLLIVARE ESNG Details, see AD 2	12/30	1714x45	ASPH	Yes	AFIS	Yes	Licensed, instrument AD Municipal
GÄVLE ESSK 603536N 0165705E SW 8 NM from Gävle 224 ft	18/36	2000x45	ASPH	Yes	-	123.600	Non-licensed AD Municipal +46 (0)26 17 82 60 PPR H24 RWY18/36 Grass RWY not affected. For permission TEL +46(0)26 420 67 84. After TKOF RWY 18/36, including grass RWY, light ACFT (<2000 kg) shall climb straight ahead to MNM 500 ft GND before initiating turn. Light ACFT (<2000 kg) shall avoid overflying village of Rörberg east of aerodrome below 1200 ft AMSL. For gliders using grass RWY 36 right hand circuit applies. Other activities may occur on RWY, TWY and APN. PCL on freq 123.600 MHz, 10 sec duration.
GÖTEBORG/Landvetter ESGG Details, see AD 2	03/21	3299x45	ASPH	Yes	TWR	Yes	Licensed, instrument AD Swedavia AB
GÖTEBORG/Säve ESGP Details, see AD 2	01/19	1085x45	ASPH	Yes	TWR	Yes	Licensed AD Private
GÖTENE/Brännebrona ESGN 583443N 0133638E (*) 4.3 NM NE Götene 259 ft	12/30	600x40	Grass	No	91/96	123.400	Non-licensed AD Brännebrona flygklubb +46 (0)511 532 84 +46 (0)707 98 19 94

AERODROME Location Indicator Coordinates (ARP) Location Elevation (ft)	RWY	Dimensions (m)	Surface	Light	ATS Fuel	COM FREQ (MHz)	Category Owner/Operator TEL Fax Regulations and restrictions Remarks
HAGFORS ESOH Details, see AD 2	18/36	1508x30	ASPH	Yes	AFIS	Yes	Licensed, instrument AD Municipal
HAGSHULT ESMV 571732N 0140814E (*) 7 NM NNE Värnamo 555 ft	04/22	2020x40	ASPH	Yes	-	136.250	MIL, non-licensed AD Military +46 (0)457 47 10 00 PPR Ronneby Airport Manager F17 TEL +46 (0)457 47 10 00
HALLVIKEN ESNA 634418N 0152732E (*) 8 NM SSW Strömsund 1119 ft	14/32	800x15	ASPH	No	-	123.550	Non-licensed AD Strömsunds flygklubb +46 (0)70 666 44 19 +46 (0)70 646 64 19 PPR THR 14 displaced 200 m.
HALMSTAD ESMT Details, see AD 2	01/19 06/24	2268x45 609x30	ASPH Grass	Yes No	TWR	Yes	Licensed, instrument AD Municipal
HEDE/Hedlanda ESNC 622432N 0134450E (*) 6 NM E 1460 ft	06/24	1175x33	ASPH	No	100LL	123.150	Non-licensed AD Hedlanda Flygförening +46 (0)684 120 92 (AD) +46 (0)684 66 85 90
HEMAVAN TÄRNABY ESUT Details, see AD 2	15/33	1445x30	ASPH	Yes	AFIS	Yes	Licensed, instrument AD Municipal
HERRLJUNGA ESGH 580146N 0130629E (*) 3.8 NM SE 480 ft	18/36	900x70	Grass	No	100LL	123.650	Non-licensed AD Herrljunga flygklubb +46 (0)513 230 29 +46 (0)513 502 19 THR 18 displaced 75 m. THR 36 displaced 135 m.
HUDIKSVALL ESNH 614606N 0170450E (*) 2.7 NM NNW 95 ft	12/30	1320x30	ASPH	No	Jet A1 O/R	-	Non-licensed AD Airlift Helicopter Sweden AB +46 (0)650 165 00 +46 (0)703 92 40 48 PPR THR 12 displaced 89 m. THR 30 displaced 180 m. Motor activities on RWY may occur.
HULTSFRED-VIMMERBY ESSF 573133N 0154924E NNW 2 NM Hultsfred 365 ft	12/30	1945x40	CONC	Yes	100LL O/R Jet A1 O/R	123.550	Non-licensed AD Private +46 (0)495 100 10 PPR PCL by 5 pulses of aprx 1 sec duration on freq 123.550 MHz.
HÄLLEFORS ESVH 595203N 0142525E (*) 6 NM NW 600 ft	18/36	720x15	Gravel	No	100LL	123.150	Non-licensed AD Hällefors flygklubb +46 (0)591 170 82 (AD) +46 (0)591 121 90 THR 18 displaced 130 m. THR 36 displaced 180 m. Right hand traffic circuit to RWY 36.

AERODROME Location Indicator Coordinates (ARP) Location Elevation (ft)	RWY	Dimensions (m)	Surface	Light	ATS Fuel	COM FREQ (MHz)	Category Owner/Operator TEL Fax Regulations and restrictions Remarks
HÄRNÖSAND/Myran ESUH 623801N 0175853E (*) 271 ft	10/28	800x23	Gravel	No	100LL	123.450	Non-licensed AD Härnösand flygklubb +46 (0)611 167 60 +46 (0)611 186 44 +46 (0)611 155 26 +46 (0)611 229 96 Right hand traffic circuit to RWY 28.
HÄSSLEHOLM/Bokeberg ESFA 560801N 0135244E (*) 3.8 NM ESE 105 ft	04/22	830x40	Grass	No	91/96UL	123.600	Non-licensed AD Hässleholm flygklubb +46 (0)44 853 64 THR 22 displaced 120 m.
HÖGANÄS ESMH 561105N 0123433E (*) 1 NM SE 21 ft	14/32 06/24	800x50 460x50	Grass Grass	Yes No	100LL 91/96 UL Jet A1 100LL 91/96 UL Jet A1	123.550	Non-licensed AD Nordvästra Skånes Flygklubb +46 (0)42 34 29 80 (AD) +46 (0)702 50 26 19 RWY 14/32: length during darkness 650m. PCL RWY 14/32: transmit 15 sec on 123.550 Right hand traffic circuit to RWY 06 and 32. Lighted obst 194 ft GND W THR 06. www.nsf.se
IDRE ESUE 615211N 0124122E 1 NM NW 1480 ft	15/33	1558x30	ASPH	Yes	-	-	Non-licensed AD Private +46 (0)706 74 04 45 THR 15 displaced 591 m. Right hand traffic circuit to RWY 33.
JOKKMOKK ESNJ 662948N 0200851E 10 NM SE 901 ft	14/32	2000x25	ASPH	Yes	-	128.450	MIL, non-licensed AD Military PPR 72 HR TEL: +46 (0)920 23 43 02
JÖNKÖPING ESGJ Details, see AD 2	01/19 11/29	2203x45 525x25	ASPH Grass	Yes No	TWR	Yes	Licensed, instrument AD Municipal
KALMAR ESMQ Details, see AD 2	16/34 05/23	2050x45 656x40	ASPH ASPH	Yes No	TWR/APP	Yes	Licensed, instrument AD Municipal
KARLSBORG ESIA Details, see AD 2	06/24	2289x40	ASPH	Yes	TWR	Yes	MIL, non-licensed AD FM/Swedish Armed Forces
KARLSKOGA ESKK 592040N 0142941E 1.5 NM NNW 400 ft	03/21	1499x30	ASPH	Yes	100LL Jet A1	123.525	Non-licensed AD Private +46 (0)586 533 60 Fax +46 (0)586 517 31 PPR Right hand traffic circuit to RWY 21. Other motor and glider activity may occur.
KARLSTAD ESOK Details, see AD 2	03/21	2516x45	ASPH	Yes	TWR	Yes	Licensed, instrument AD Municipal

AERODROME Location Indicator Coordinates (ARP) Location Elevation (ft)	RWY	Dimensions (m)	Surface	Light	ATS Fuel	COM FREQ (MHz)	Category Owner/Operator TEL Fax Regulations and restrictions Remarks
KATRINEHOLM ESVK 590120N 0161313E (*) 1 NM N 132 ft	15/33	700x40	Grass	No	91/96	123.200	Non-licensed AD Katrineholm flygklubb +46 (0)150 150 72 (AD) +46 (0)705 40 01 93 +46 (0)702 74 16 54 PPR THR 33 displaced 100 m. Right hand traffic circuit for powered aircraft when RWY 33 is in use.
KIRUNA ESNQ Details, see AD 2	03/21	2502x45	ASPH	Yes	TWR	Yes	Licensed, instrument AD Swedavia AB
KRAMFORS-SOLLEFTEÅ ESNK Details, see AD 2	17/35	2001x45	ASPH	Yes	AFIS	Yes	Licensed, instrument AD Municipal
KRISTIANSTAD ESMK Details, see AD 2	01/19	2215x45	ASPH	Yes	TWR	Yes	Licensed, instrument AD Municipal
KÅGERÖD ESMJ 555942N 0130312E (*) 276 ft	11/29	800x35	Grass	No	-	-	Non-licensed AD Private +46 (0)418 802 50 +46 (0)418 802 51 PPR THR 11 displaced 200 m. THR 29 displaced 150 m.
KÖPING ESVQ 593139N 0155811E (*) 25 ft	07/25	700x50	Grass	Yes	100LL UL91	123.150	Non-licensed AD Köpings flygklubb +46 (0)730 94 70 51 +46 (0)736 29 09 05 +46 (0)705 11 01 69 Traffic pattern 1000 ft AMSL. THR 07 displaced 100 m. Right hand traffic circuit to RWY 25. Avoid noise sensitive areas. Climb to 700 ft AMSL track 050 or 230 until initiating turn. PPR for repeated TGL. No TGL 1900-0700 (1800-0600). No flying below 2000 ft over city. Model flying area south of RWY, GND-1550 ft AMSL. PCL on freq 123.150 MHz, 12 sec duration. kopings.fk@gmail.com www.kopingsfk.se

AERODROME Location Indicator Coordinates (ARP) Location Elevation (ft)	RWY	Dimensions (m)	Surface	Light	ATS Fuel	COM FREQ (MHz)	Category Owner/Operator TEL Fax Regulations and restrictions Remarks
LANDSKRONA ESML 555640N 0125210E (*) 4.3 NM NNE 194 ft	12R/30L 12L/30R	1180x30 1050x90	ASPH Grass	Yes No	100LL 91/96UL	123.350	Non-licensed AD Municipal +46 (0)418 750 10 Fax +46 (0)418 750 34 PPR for repeated take-offs and landings. THR 12R displaced 105 m. THR 30L displaced 60 m. Right hand traffic circuit to RWY 12R for powered aeroplanes and helicopters and to RWY 30R for gliders. PCL on freq 123.350 MHz, 3 transmissions within 5 sec. Motor activity may occur.
LIDKÖPING ESGL 582755N 0131028E 2.5 NM S Lidköping 200 ft	06/24 06/24 GRASS	1990x45 875x45	ASPH Grass	Yes No	100LL 91/96 Jet A1 100LL 91/96 Jet A1	131.765	Non-licensed AD Municipal +46 (0)709 68 92 23 +46 (0)510 53 51 00 Glider info PPR PCL on freq 131.765 MHz, 10 sec duration. Right hand circuit applies during take-off and landing on glider strip 06. Repeated take-off and landing exercises (TGL) during darkness only permitted ordinary Tuesdays 1700-2000 (1600-1900). andre.persson@lidkoping.se www.lidkopingairport.com
LINKÖPING/Malmen ESCF Details, see AD 2	01/19 08/26	2214x35 1870x37	ASPH ASPH	Yes Yes	TWR	Yes	MIL, licensed, instrument AD FM/Swedish Armed Forces
LINKÖPING/Saab ESSL Details, see AD 2	11/29	2135x45	ASPH	Yes	TWR	Yes	Licensed, instrument AD Private
LJUNGBY/Feringe ESMG 565701N 0135518E 7 NM NE Ljungby 538 ft	01/19	1150x30	ASPH	No	100LL Jet A1	122.505	Non-licensed AD Feringe flygklubb +46 (0)705 98 19 85 +46 (0)370 819 85 PPR Motor activities may occur.
LJUNGBYHED ESTL Details, see AD 2	11L/29R 11R/29L	1998x40 1986x40	ASPH ASPH/ CONC	Yes Yes	TWR	Yes	Licensed, instrument AD Municipal
LJUSDAL ESUL 614901N 0160015E (*) 2.0 NM WSW 485 ft	09/27	620x35	Grass	No	100LL 91/96	123.200	Non-licensed AD Ljusdal flygklubb +46 (0)651 107 46 +46 (0)651 334 56 +46 (0)706 95 50 09 Overflying of surface quarry on 614800N 0155900E 1000m S of Ljusdal AD should be avoided below 2000 ft MSL.

AERODROME Location Indicator Coordinates (ARP) Location Elevation (ft)	RWY	Dimensions (m)	Surface	Light	ATS Fuel	COM FREQ (MHz)	Category Owner/Operator TEL Fax Regulations and restrictions Remarks
LUDVIKA ESSG 600518N 0150547E 2 NM WSW Ludvika 894 ft	01/19	819x30	ASPH	Yes	91/96	123.150	Non-licensed AD Municipal +46 (0)70 328 17 27 Turbulence over RWY when wind from the east. Motor activities on RWY weekdays 1 APR-30 SEP 0600-1200 (0500-1100) 1 OCT-31 MAR 0600-1500 (0500-1400)
LULEÅ/Kallax ESPA Details, see AD 2	14/32	3350x45	ASPH	Yes	TWR	Yes	MIL, licensed, instrument AD FM/Swedish Armed Forces
LYCKSELE ESNL Details, see AD 2	14/32	2092x45	ASPH	Yes	AFIS	Yes	Licensed, instrument AD Municipal
MALMÖ ESMS Details, see AD 2	17/35 11/29	2800x45 799x18	ASPH ASPH	Yes No	TWR	Yes	Licensed, instrument AD Swedavia AB
MALUNG/Skinnlanda ESVM 603932N 0134336E (*) 1.7 NM SSE 975 ft	16/34	800x23	ASPH	Yes	91/96	123.330	Non-licensed AD Malungs flygklubb +46 (0)702 76 22 89 +46 (0)705 80 91 80 +46 (0)703 98 33 20 Right hand traffic circuit when RWY 16 is in use. RWY and lightning facilities TEMPO CLSD during winter season. Info on www.malungsflygklubb.se
MELLANSEL ESUI 632331N 0181914E (*) 13 NM NW Örnköldsvik 265 ft	09/27	795x35	Grass	No	91/96	123.400	Non-licensed AD Mellansels Flygklubb +46 (0)660 910 54 +46 (0)660 922 00 Further 235 m available in emergency when landing RWY 27.
MOHED ESUM 611728N 0165047E (*) 6 NM W Söderhamn 215 ft	12/30	800x30	ASPH	Yes	91/96	123.600	Non-licensed AD Municipal +46 (0)703 51 50 66
MORA/Siljan ESKM Details, see AD 2	16/34	1814x45	ASPH	Yes	AFIS	Yes	Licensed, instrument AD Municipal
MUNKFORS ESKO 594756N 0132926E (*) 1.6 NM S 279 ft	03/21	700x40	Grass	No	100LL	-	Non-licensed AD Munkfors flygklubb +46 (0)552 303 89 (AD) +46 (0)563 510 74 Hangar
NORRKÖPING/Kungsängen ESSP Details, see AD 2	09/27 11/29	2205x45 600x35	ASPH Grass	Yes No	TWR	Yes	Licensed, instrument AD Municipal

AERODROME Location Indicator Coordinates (ARP) Location Elevation (ft)	RWY	Dimensions (m)	Surface	Light	ATS Fuel	COM FREQ (MHz)	Category Owner/Operator TEL Fax Regulations and restrictions Remarks
NORRTÄLJE ESSN 594358N 0184147E (*) 1.6 NM S 40 ft	07/25	830x18	ASPH	Yes	100LL 91/96 Jet A1	123.325	Non-licensed AD Roslagens flygklubb +46 (0)176 163 08 info@rfk.nu RWY 07 down slope. RWY 25 up slope. Right hand traffic circuit to RWY 07. RWY lights 3 m outside ASPH edge. Only 650 meter starting from THR RWY 25. PCL on freq 123.325 MHz 8 sec duration. PPR for TGL during darkness. TGL not allowed 2100-0600 (2000-0500) during weekdays and 1800-0800 (1700-0700) during HOL
OPTAND ESNM 630731N 0144830E (*) 5 NM SE Östersund 1236 ft	18/36 15/33	1000x18 750x40	ASPH Grass	Yes No	100LL	123.550	Non-licensed AD Östersunds flygklubb +46 (0)63 352 45 +46 (0)63 51 01 50 Right hand traffic circuit to RWY 33 and 36. Situated near restricted area ES R08C.
ORSA ESNR 611132N 0144309E (*) 1 NM WNW Mässbacken 683 ft	03/21	1000x30	ASPH	No	-	123.400	Non-licensed AD Orsa Tallhed Flygsällskap +46 (0)250 55 01 47 +46 (0)705 48 13 81 +46 (0)706 38 10 70 +46 (0)762 73 11 01 Motor activities on RWY may occur. Grass area preferably for ultra light, winchlaunching of gliders and parachute jumping.
OSKARSHAMN ESMO 572107N 0162954E NNE 5.4 NM from Oskarshamn 96 ft	01/19	1504x30	ASPH	No	-	123.350	Non-Licensed AD Municipal +46 (0)72 562 19 86 for info and fuel. No snow clearance during winterperiod. Other activities may occur on RWY, TWY and apron se NOTAM. servicecenter@oskarshamn.se www.oskarshamn.se/flygplatsen
OVIKEN ESUO 630230N 0140005E (*) 1640 ft	18/36	750x20	Grass	No	91UL 100LL O/R	123.150	Non-licensed AD Private +46 (0)702 88 64 19 +46 (0)706 41 59 41 PPR Hangar Caution - Low level turbulence/Lee wave rotor in wind directions from SW to NW.
PAJALA ESUP Details, see AD 2	11/29	2300x45	ASPH	Yes	AFIS	Yes	Licensed, instrument AD Municipal

AERODROME Location Indicator Coordinates (ARP) Location Elevation (ft)	RWY	Dimensions (m)	Surface	Light	ATS Fuel	COM FREQ (MHz)	Category Owner/Operator TEL Fax Regulations and restrictions Remarks
PITEÅ ESNP 652354N 0211539E (*) 8 NM NW 43 ft	16/34	1000x25	ASPH	Yes	100LL Jet A1	123.550	Non-licensed AD Piteå flygklubb +46 (0)911 623 15 +46 (0)706 87 38 64 PPR
RAMSELE ESUR 632925N 0162901E (*) 2.7 NM S 660 ft	14/32	740x30	Grass	No	100LL 91/96	123.600	Non-licensed AD Ramsele flygklubb +46 (0)623 200 05 +46 (0)623 320 18 THR 14 displaced 30 m. THR 32 displaced 60 m.
RONNEBY ESDF Details, see AD 2	01/19 12/30	2331x45 600x30	ASPH Grass	Yes No	TWR	Yes	MIL, licensed instrument AD FM/Swedish Armed Forces
RÅDA ESFR 582953N 0130311E (*) 230 ft	18/36	1987x35	ASPH	Yes	-	-	MIL, non-licensed AD Military +46 (0)510 87 75 00 (Airport manager) PPR Permission will be granted in exceptional cases only.
SANDVIK ESFS 570406N 0165151E (*) 16 NM NNE Borgholm 36 ft	17/35	600x25	Grass	No	-	123.450	Non-licensed AD Private +46 (0)720 62 60 53 +46 (0)704 61 66 75 +46 (0)705 40 33 76 PPR Available APR-SEP
SILJANSNÄS ESVS 604706N 0144938E (*) 1 NM NW 611 ft	14R/32L 14L/32R	850x16 850x35	ASPH Grass	No No	100LL 91/96	123.550	Non-licensed AD Siljansnäs flygklubb +46 (0)247 228 80 +46 (0)247 228 51 Right hand traffic circuit to RWY 14.
SJÖBO SÖVDE ESMI 553554N 0134038E (*) 2 NM SSW Sjöbo 118 ft	12/30	950x50	Grass	Yes	91/96 UL	123.650	Non-licensed AD Municipal +46 (0)416 160 51 For powered aircraft right hand traffic circuit when RWY 30 is in use. For gliders right hand traffic circuit when RWY 12 is in use. APR-NOV extensive launching of gliders.
SKELLEFTEÅ ESNS Details, see AD 2	10/28	2520x45	ASPH	Yes	TWR	Yes	Licensed, instrument AD Municipal
SKÖVDE ESGR 582722N 0135822E 5.4 NM NE from Skövde 324 ft	01/19	1736x30	ASPH	Yes	100LL 91/96 Jet A1	123.055	Non-licensed AD Municipal +46 (0)500 49 86 00 info@esgr.se PPR 01 NOV-31 MAR PCL on freq 123.055 MHz, 10 sec duration.

AERODROME Location Indicator Coordinates (ARP) Location Elevation (ft)	RWY	Dimensions (m)	Surface	Light	ATS Fuel	COM FREQ (MHz)	Category Owner/Operator TEL Fax Regulations and restrictions Remarks
SMÅLANDSSTENAR ESMY 571007N 0132624E (*) 540 ft	04/22	915x15	ASPH	Yes	100LL	123.200	Non-licensed AD AB Varmförzinkning +46 (0)371 343 00 MON-FRI 0630-1530 (0530-1430) info@varmforzinkning.se PPR After TKOF RWY 22 climb on RWY heading until 700 ft AMSL (160 ft AGL). Turn right and climb on heading 235° to MNM 1500 ft AMSL (1000 ft AGL). PCL on freq 123.200 MHz, 20 sec duration.
SOLLEFTEÅ ESNB 631016N 0165908E (*) 2.4 NM WSW 433 ft	14/32	820x30	ASPH	No	Jet A1	123.350	Non-licensed AD Sollefteå flygklubb +46 (0)702 81 65 24 sollefteå.flygklubb@gmail.com
STEGEBORG ESVE 582600N 0163618E (*) 6 ft	08/26	800x30	Grass	No	-	123.550	Non-licensed AD Stegeborgs Egendom AB +46 (0)121 420 04 stegeborg@stegeborg.se www.stegeborg.se
STOCKHOLM/Arlanda ESSA Details, see AD 2	01L/19R 01R/19L 08/26	3301x45 2500x45 2500x45	ASPH ASPH ASPH	Yes Yes Yes	TWR	Yes	Licensed, instrument AD Swedavia AB
STOCKHOLM/Bromma ESSB Details, see AD 2	12/30	1668x45	ASPH	Yes	TWR	Yes	Licensed, instrument AD Swedavia AB
STOCKHOLM/Skavsta ESKN Details, see AD 2	08/26 16/34	2878x45 2043x40	ASPH ASPH	Yes Yes	TWR	Yes	Licensed, instrument AD Private
STOCKHOLM/Skå-Edeby ESSE 592042N 0174426E (*) 10 NM W 17 ft	11/29 03/21	800x50 650x65	Grass Grass	No No	100LL 91/96 UL	123.200	Non-licensed AD Municipal +46 (0)706 95 40 48 PPR for commercial operations NOV-APR soft or CLSD RWY, call for condition. Helicopter traffic not accepted exc police and rescue operations. ATZ established, ref ENR 2.2. Hangar and repair. TGL RWY 11 not allowed. www.skaedebyflygfalt.se
STOCKHOLM/Västerås ESOW Details, see AD 2	01/19	2581x45	ASPH	Yes	TWR	Yes	Licensed, instrument AD Municipal
STORUMAN ESUD 645739N 0174148E ESE 16.0 NM from Storuman 915 ft	15/33	2283x40	ASPH	No	-	-	Non-licensed AD Municipal +46 (0)951 141 07 PPR

AERODROME Location Indicator Coordinates (ARP) Location Elevation (ft)	RWY	Dimensions (m)	Surface	Light	ATS Fuel	COM FREQ (MHz)	Category Owner/Operator TEL Fax Regulations and restrictions Remarks
STORVIK/Lemstanäs ESOL 603516N 0163512E (*) 210 ft	06/24	620x23	ASPH	No	91/96 Jet A1	123.550	Non-licensed AD Västra Gästrike flygklubb +46 (0)290 375 97 Right hand traffic circuit to RWY 06. THR 06 displaced 150 m.
STRÖMSTAD/Näsinge ESGS 590101N 0112037E (*) 7 NM NE 115 ft	03/21	900x53	Grass	No	91/96 UL JET A1	123.550	Non-licensed AD Municipal +46 (0)526 190 00 (Exch) +46 (0)526 311 37 +46 (0)733 74 72 00 +47 913 23 326 PPR
SUNDBRO ESKC 595522N 0173212E (*) 5 NM NW Uppsala 62 ft	03/21 08/26 14/32	630x40 470x60 435x35	Grass Grass Grass	Yes No No	100LL 91/96	123.350	Non-licensed AD Uppsala Flygklubb +46 (0)18 35 70 13 (AD) +46 (0)704 93 32 40 (Info, PPR) +46 (0)708 84 99 49 (Info, PPR) www.uppsalaflygklubb.se Situating within Uppsala CTR. Right hand traffic circuit to RWY 03 and 08. TKOF RWY 21: immediate right turn to track 217° MAG. PCL on freq 123.350 MHz, 5 transmissions of APRX 0.5 sec during 10 sec Flying permitted: MON-THU: 0700-1900 (0600-1800) FRI: 0700-1600 (0600-1500) SAT, SUN, day before HOL, HOL: 0800-1600 (0700-1500) Other times PPR. In addition between 15 JUN-15 AUG: SUN, day before HOL, HOL: PPR PPR for school flights and glider towing. Landing with gliders exempted from PPR. Fuel HX: Cash
SUNDSVALL-TIMRÅ ESNN Details, see AD 2	16/34	1954x45	ASPH	Yes	TWR	Yes	Licensed, instrument AD Municipal
SUNNE ESKU 595137N 0130646E (*) 1.5 NM NW 380 ft	01/19	770x100	Grass	No	100LL	123.200	Non-licensed AD Municipal +46 (0)565 101 11 +46 (0)565 77 01 55 +46 (0)703 73 05 66 THR 01 displaced 130 m.
SVEG ESND Details, see AD 2	09/27	1701x30	ASPH	Yes	AFIS	Yes	Licensed, instrument AD Municipal
SÅTENÅS ESIB Details, see AD 2	01/19 11/29	2264x45 1933x40	ASPH ASPH	Yes Yes	TWR	Yes	MIL, licensed, instrument AD FM/Swedish Armed Forces

AERODROME Location Indicator Coordinates (ARP) Location Elevation (ft)	RWY	Dimensions (m)	Surface	Light	ATS Fuel	COM FREQ (MHz)	Category Owner/Operator TEL Fax Regulations and restrictions Remarks
SÄFFLE ESGY 590528N 0125730E (*) 2.7 NM S 151 ft	01/19	690x50	Grass	No	91/96	123.600	Licensed AD Säffle flygklubb +46 (0)533 180 29 +46 (0)533 162 96 +46 (0)705 09 04 92
SÄLEN/Scandinavian Mountains ESKS Details, see AD 2	15/33	2500x45	ASPH	Yes	TWR	Yes	Licensed instrument AD Private
SÖDERHAMN ESNY 611541N 0170554E 2.8 NM SE Söderhamn 88 ft	12/30	2524x40	ASPH	No	100LL Jet A1	123.525	Non-licenced AD Municipal +46 (0)270 75 000 (exch) +46 (0)270 76 650 (AD) PPR 24 HR Swedish MIL ACFT and all ACFT operating for Hosp, Police, Sea Rescue, Coast Guard and MSB duty exempted from PPR. Fuel +46 (0)70 632 54 54, +46 (0)73 323 23 91 Right hand traffic circuit RWY 12.
TIDAHOLM/Bämmelshed ESGD 581131N 0135944E (*) 456 ft	04/22	675x50	Grass	No	91/96	123.650	Non-licensed AD Tidaholms flygklubb +46 (0)502 330 84 +46 (0)708 33 08 41 PPR Right hand traffic circuit to RWY 22. Downdraft may occur when easterly winds. THR 04 displaced 15 m.
TIERP ESKT 602042N 0172519E (*) 2.7 NM W Tierp 129 ft	16/34	850x35	ASPH	No	91/96	123.400	Non-licensed AD Tierp ARENA AB Norra Upplands flygklubb +46 (0)76 78 60 088 AD manager +46 (0)73 65 22 211 THR 34 displaced 100 m. Right hand traffic circuit to RWY 34.
TORSBY ESST Details, see AD 2	16/34	1590x30	ASPH	Yes	AFIS	Yes	Licensed, instrument AD Municipal
TROLLHÄTTAN-VÄNERSBORG ESGT Details, see AD 2	15/33	1710x30	ASPH	Yes	TWR	Yes	Licensed, instrument AD Municipal
UDDEVALLA/Backamo ESGA 581038N 0115825E (*) 10.4 NM S Uddevalla 424 ft	06/24	760x30	Grass	No	91/96 100LL	123.550	Non-licensed AD Municipal +46 (0)522 233 65 +46 (0)705 52 33 65 +46 (0)522 69 60 00 PPR
UDDEVALLA/Rörkärr ESGU 582204N 0114631E (*) 5.0 NM NW 120 ft	03/21	655x30	Grass	No	100LL	123.550	Non-licensed AD Private +46 (0)522 824 14 +46 (0)522 355 55 PPR

AERODROME Location Indicator Coordinates (ARP) Location Elevation (ft)	RWY	Dimensions (m)	Surface	Light	ATS Fuel	COM FREQ (MHz)	Category Owner/Operator TEL Fax Regulations and restrictions Remarks
UMEÅ ESNU Details, see AD 2	14/32	2302x45	ASPH	Yes	TWR	Yes	Licensed, instrument AD Swedavia AB
UPPSALA ESCM Details, see AD 2	08/26 03/21	1963x40 1906x40	ASPH ASPH	Yes Yes	TWR	Yes	MIL, non-licensed AD FM/Swedish Armed Forces
VARBERG ESGV 570729N 0121341E (*) 1.5 NM NW 3 ft	06/24 12/30	600x22 560x40	Grass Grass	No Yes	91/96 100LL	123.150	Licensed AD Municipal +46 (0)340 198 00 +46 (0)340 150 40 PPR 15 OCT-15 APR. Special permission required to use RWY 06/24. Helicopter traffic prohibited at AD. PCL on freq 123.150 MHz, 10 sec duration.
VELLINGE ESTT 552346N 0130131E (*) 12 ft	03/21	730x30	Grass	No	100LL 91/96	123.400	Non-licensed AD Söderslätts flygklubb +46 (0)708 56 78 09 +46 (0)709 54 76 32 +46 (0)709 97 02 35 +46 (0)768 70 30 32 Obstacle 1 NM NE AD Right hand traffic circuit to RWY 03.
VIDSEL ESPE Details, see AD 2	11/29	2230x35	ASPH	Yes	TWR	Yes	MIL, non-licensed AD FM/Swedish Armed Forces
VILHELMINA ESNV Details, see AD 2	10/28	1500x30	ASPH	Yes	AFIS	Yes	Licensed, instrument AD Municipal
VISBY ESSV Details, see AD 2	03/21 10/28	2000x45 1100x40	ASPH Grass	Yes No	TWR	Yes	Licensed, instrument AD Swedavia AB
VISINGSÖ ESSI 580555N 0142409E (*) 309 ft	15/33 01/19	800x25 600x25	Grass Grass	No No	-	123.500	Non-licensed AD Jönköpings flygklubb +46 (0)390 402 77 +46 (0)36 31 12 20
VÅRGÅRDA ESGO 580221N 0124709E (*) 0.8 NM NW 328 ft	04/22	890x30	ASPH	No	Jet A1 O/R	123.650	Non-licensed AD Vårgårda Flygplats AB +46 (0)0707 91 35 94 PPR THR 04 displaced 200 m. THR 22 displaced 40 m. Right hand circuit to RWY 22. MAR-OCT intensive parachute jumping. Motor activities on RWY may occur. After take-off RWY 04 turn left immediately, climb on track 015° to 1000 ft GND before commencing turn. After take-off RWY 22 turn left immediately, climb on track 210° to 1000 ft GND before commencing turn. Overflying Vårgårda village SE of AD shall be avoided below 2300 ft MSL.

AERODROME Location Indicator Coordinates (ARP) Location Elevation (ft)	RWY	Dimensions (m)	Surface	Light	ATS Fuel	COM FREQ (MHz)	Category Owner/Operator TEL Fax Regulations and restrictions Remarks
VÄSTERVIK ESSW 574648N 0163125E (*) 4 NM NW 129 ft	15/33	1199x30	ASPH	Yes	100LL Jet A1	131.615	Non-licensed AD Municipal +46 (0)490 25 40 00 PPR +46 (0)703 98 27 30 THR 33 displaced 300 m. PCL on freq 131.615 MHz, 20 sec duration. www.vastervik.se/Trafik-och-infrastruktur/vasterviks-flygplats/Fakta-om-flygplatsen/
VÄSTERÅS/Johannisberg ESSX 593433N 0163011E (*) 2.5 NM SW 25 ft	05/23 16/34	850x23 730x50	ASPH Grass	Yes No	UL91	123.650	Non-licensed AD Municipal Right hand traffic circuit when RWY 05 or RWY 16 is in use. THR RWY 16 displaced 190 m. Take off and landing exercises not allowed: MON-FRI 1700-0800 (1600-0700) SAT-SUN 1500-0900 (1400-0800) HOL H24. ATZ established, ref ENR 2.2 PPR www.vasterasflygklubb.se/flygfaltet/
VÄXJÖ/Kronoberg ESMX Details, see AD 2	01/19	2106x45	ASPH	Yes	TWR	Yes	Licensed, instrument AD Municipal
ÄLLEBERG ESGC 580805N 0133609E (*) 3 NM SE Falköping 1099 ft	03/21	680x30	Grass	No	91/96 O/R	123.400	Non-licensed AD Svenska Segelflygförbundet +46 (0)515 371 51 +46 (0)515 371 63 PPR Gliders only, direction of traffic circuit depending on wind direction. Winch launching of gliders may occur. www.segelflyget.se
ÄNGE/Tälje ESUJ 623355N 0155005E (*) 427 ft	14/32	838x30	Grass	No	-	123.150	Non-licensed AD Änge flygklubb +46 (0)701 77 40 86 +46 (0)706 01 23 11 THR 32 displaced 57 m.
ÄRE ÖSTERSUND ESNZ Details, see AD 2	12/30	2500x45	ASPH	Yes	TWR/APP	Yes	Licensed, instrument AD Swedavia AB
ÅSELE ESUS 640933N 0171628E (*) 2.2 NM W 1011 ft	12/30	1200x30	Grass	No	100LL	123.600	Non-licensed AD Municipal +46 (0)941 140 00 THR 12 and 30 displaced 100 m.
ÅVIKEN/Åviken Fly Camp ESNF 631246N 0184457E 5 NM S Örnsköldsvik 39 ft	01/19	600x30	Grass	No	-	123.400	Non-licensed AD Åviken Fly Camp High Coast AB +46 (0)704 69 68 07 PPR

AERODROME Location Indicator Coordinates (ARP) Location Elevation (ft)	RWY	Dimensions (m)	Surface	Light	ATS Fuel	COM FREQ (MHz)	Category Owner/Operator TEL Fax Regulations and restrictions Remarks
ÄLMHULT/Möckeln ESMU 563414N 0140959E (*) 2.5 NM NNE 480 ft	03/21	604x30	Grass	No	91/96 100LL	123.600	Non-licensed AD Älmhults flygklubb +46 (0)476 147 44 +46 (0)705 18 55 22 PPR Right hand traffic circuit to RWY 03.
ÄLVSBY ESUV 653845N 0210341E (*) 1.1 NM SE 227 ft	04/22	730x30	Grass	No	100LL	123.350	Non-licensed AD Älvby flygklubb +46 (0)929 558 10 +46 (0)929 558 16 THR 04 displaced 90 m. THR 22 displaced 80 m.
ÄNGELHOLM ESTA Details, see AD 2	14/32	1945x45	ASPH	Yes	TWR	Yes	Licensed, instrument AD Private
ÖLANDA ESMZ 571943N 0170301E (*) 5 NM N Böda 27 ft	15/33	600x23	ASPH	No	-	123.650	Non-licensed AD Ölanda flyg- och motorklubb +46 (0)70 697 87 26 +46 (0)73 351 80 10 PPR 1 oct - 30 apr
ÖREBRO ESOE Details, see AD 2	01/19	3270x45	ASPH	Yes	TWR	Yes	Licensed, instrument AD Municipal
ÖRESTEN ESGM 572643N 0123856E (*) 5.4 NM SW Kinna 378 ft	06/24	680x35	Grass	No	100LL O/R	123.200	Non-licensed AD Öresten flygklubb +46 (0)320 400 23 +46 (0)320 552 75 +46 (0)300 54 38 30
ÖRNSKÖLDSVIK ESNO Details, see AD 2	12/30	2016x45	ASPH	Yes	TWR	Yes	Licensed, instrument AD Municipal

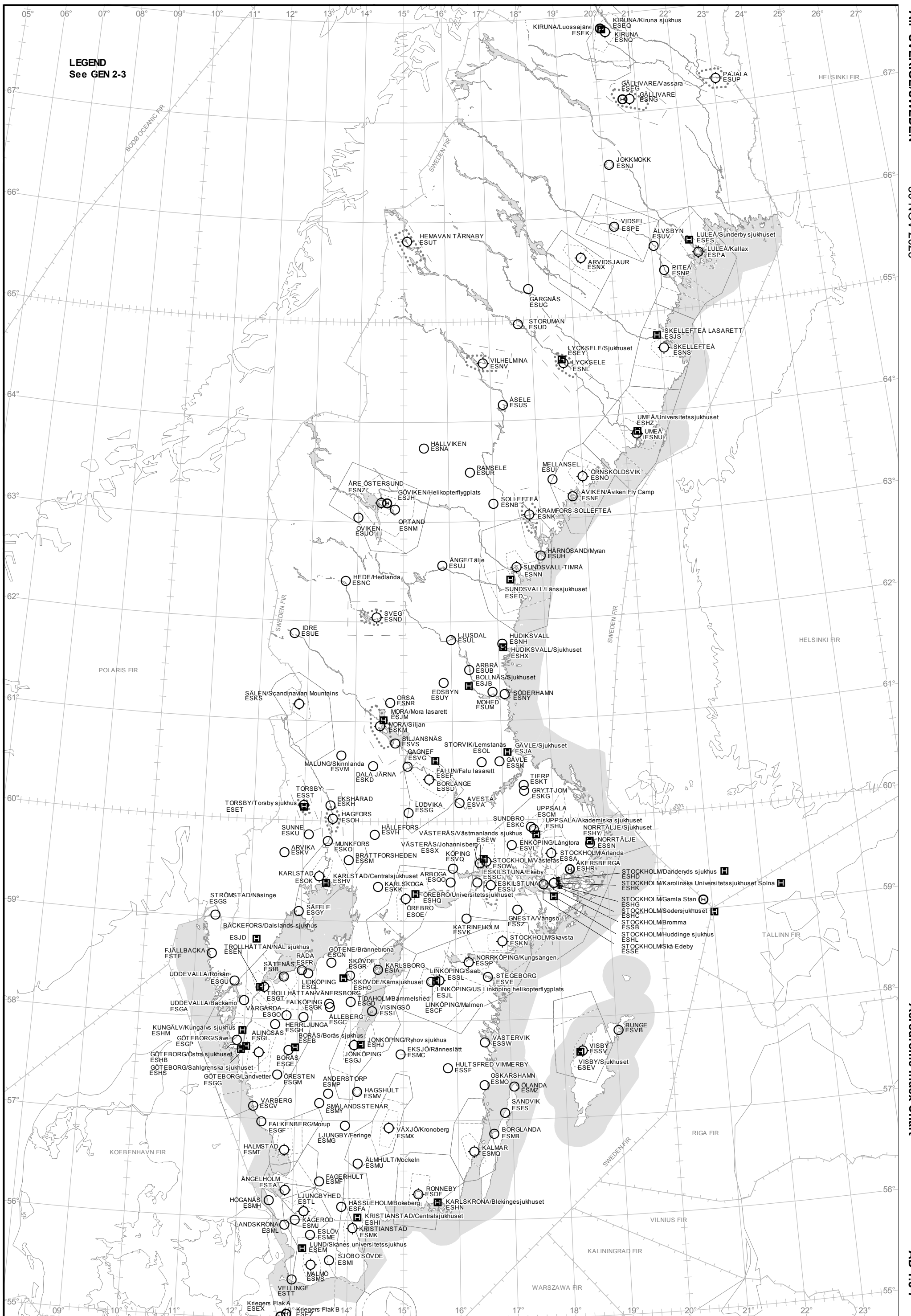
Aerodrome Location indicator		Type of traffic permitted to use the aerodrome			Reference to AD Section and remarks
		INTL-NTL	IFR-VFR	S = Scheduled NS = Non-scheduled P = Private	
1		2	3	4	5
Kriegers Flak A	ESEX	NTL	VFR	P	AD 1.1.11
Kriegers Flak B	ESEZ	NTL	VFR	P	AD 1.1.11
KRISTIANSTAD	ESMK	INTL-NTL	IFR-VFR	S, NS, P	AD 2
KRISTIANSTAD/Centralsjukhuset	ESHI	NTL	VFR	NS	AD 1.1.11
KUNGÄLV/Kungälvs sjukhus	ESHM	NTL	VFR	NS	AD 1.1.11
KÅGERÖD	ESMJ	NTL	VFR	P	AD 1.1.12
KÖPING	ESVQ	NTL	VFR	P	AD 1.1.12
LANDSKRONA	ESML	NTL	VFR	P	AD 1.1.12
LIDKÖPING	ESGL	NTL	VFR	P	AD 1.1.12
LINKÖPING/Malmen	ESCF	NTL	IFR-VFR	NS, P	AD 2
LINKÖPING/Saab	ESSL	INTL-NTL	IFR-VFR	S, NS, P	AD 2
LINKÖPING/US Linköping helikopterflygplats	ESJL	NTL	VFR	NS	AD 1.1.11
LJUNGBY/Feringe	ESMG	NTL	VFR	P	AD 1.1.12
LJUNGBYHED	ESTL	NTL	IFR-VFR	NS, P	AD 2
LJUSDAL	ESUL	NTL	VFR	P	AD 1.1.12
LUDVIKA	ESSG	NTL	VFR	P	AD 1.1.12
LULEÅ/Kallax	ESPA	INTL-NTL	IFR-VFR	S, NS, P	AD 2
LULEÅ/Sunderby sjukhuset	ESES	NTL	VFR	NS	AD 1.1.11
LUND/Skånes universitetssjukhus	ESEM	NTL	VFR	NS	AD 1.1.11
LYCKSELE	ESNL	NTL	IFR-VFR	S, NS, P	AD 2
LYCKSELE/Sjukhuset	ESEY	NTL	VFR	NS	AD 1.1.11
MALMÖ	ESMS	INTL-NTL	IFR-VFR	S, NS, P	AD 2
MALUNG/Skinnlanda	ESVM	NTL	VFR	P	AD 1.1.12
MELLANSEL	ESUI	NTL	VFR	P	AD 1.1.12
MOHED	ESUM	NTL	VFR	P	AD 1.1.12
MORA/Mora lasarett	ESJM	NTL	VFR	NS	AD 1.1.11
MORA/Siljan	ESKM	NTL	IFR-VFR	S, NS, P	AD 2
MUNKFORS	ESKO	NTL	VFR	P	AD 1.1.12
NORRKÖPING/Kungsängen	ESSP	INTL-NTL	IFR-VFR	S, NS, P	AD 2
NORRTÄLJE	ESSN	NTL	VFR	P	AD 1.1.12
NORRTÄLJE/Sjukhuset	ESHY	NTL	VFR	NS	AD 1.1.11
OPTAND	ESNM	NTL	VFR	P	AD 1.1.12
ORSA	ESNR	NTL	VFR	P	AD 1.1.12
OSKARSHAMN	ESMO	NTL	VFR	P	AD 1.1.12
OVIKEN	ESUO	NTL	VFR	P	AD 1.1.12

Aerodrome Location indicator		Type of traffic permitted to use the aerodrome			Reference to AD Section and remarks
		INTL-NTL	IFR-VFR	S = Scheduled NS = Non-scheduled P = Private	
1		2	3	4	5
PAJALA	ESUP	INTL-NTL	IFR-VFR	S, NS, P	AD 2
PITEÅ	ESNP	NTL	VFR	P	AD 1.1.12
RAMSELE	ESUR	NTL	VFR	P	AD 1.1.12
RONNEBY	ESDF	INTL-NTL	IFR-VFR	S, NS, P	AD 2
RÅDA	ESFR	NTL	VFR	P	AD 1.1.12
SANDVIK	ESFS	NTL	VFR	P	AD 1.1.12
SILJANSNÄS	ESVS	NTL	VFR	P	AD 1.1.12
SJÖBO SÖVDE	ESMI	NTL	VFR	P	AD 1.1.12
SKELLEFTEÅ	ESNS	INTL-NTL	IFR-VFR	S, NS, P	AD 2
SKELLEFTEÅ LASARETT	ESJS	NTL	VFR	NS	AD 1.1.11
SKÖVDE	ESGR	NTL	VFR	P	AD 1.1.12
SKÖVDE/Kärnsjukhuset	ESHO	NTL	VFR	NS	AD 1.1.11
SMÅLANDSSTENAR	ESMY	NTL	VFR	P	AD 1.1.12
SOLLEFTEÅ	ESNB	NTL	VFR	P	AD 1.1.12
STEGEBORG	ESVE	NTL	VFR	P	AD 1.1.12
STOCKHOLM/Arlanda	ESSA	INTL-NTL	IFR-VFR	S, NS, P	AD 2
STOCKHOLM/Bromma	ESSB	INTL-NTL	IFR-VFR	S, NS, P	AD 2
STOCKHOLM/Danderyds sjukhus	ESHD	NTL	VFR	NS	AD 1.1.11
STOCKHOLM/Gamla Stan	ESHG	NTL	VFR	P	AD 1.1.11
STOCKHOLM/Huddinge sjukhus	ESHL	NTL	VFR	NS	AD 1.1.11
STOCKHOLM/Karolinska Universitetssjukhuset Solna	ESHK	NTL	VFR	NS	AD 1.1.11
STOCKHOLM/Skavsta	ESKN	INTL-NTL	IFR-VFR	S, NS, P	AD 2
STOCKHOLM/Skå-Edeby	ESSE	NTL	VFR	P	AD 1.1.12
STOCKHOLM/Södersjukhuset	ESHC	NTL	VFR	NS	AD 1.1.11
STOCKHOLM/Västerås	ESOW	INTL-NTL	IFR-VFR	S, NS, P	AD 2
STORUMAN	ESUD	NTL	VFR	NS, P	AD 1.1.12
STORVIK/Lemstanäs	ESOL	NTL	VFR	P	AD 1.1.12
STRÖMSTAD/Näsinge	ESGS	NTL	VFR	NS, P	AD 1.1.12
SUNDBRO	ESKC	NTL	VFR	P	AD 1.1.12
SUNDSVALL/Länssjukhuset	ESED	NTL	VFR	NS	AD 1.1.11
SUNDSVALL-TIMRÅ	ESNN	INTL-NTL	IFR-VFR	S, NS, P	AD 2
SUNNE	ESKU	NTL	VFR	P	AD 1.1.12
SVEG	ESND	NTL	IFR-VFR	S, NS, P	AD 2
SÅTENÄS	ESIB	NTL	IFR-VFR	NS, P	AD 2
SÄFFLE	ESGY	NTL	VFR	P	AD 1.1.12

Aerodrome Location indicator		Type of traffic permitted to use the aerodrome			Reference to AD Section and remarks
		INTL-NTL	IFR-VFR	S = Scheduled NS = Non-scheduled P = Private	
1		2	3	4	5
SÅLEN/Scandinavian Mountains	ESKS	INTL-NTL	IFR-VFR	S, NS, P	AD 2
SÖDERHAMN	ESNY	NTL	VFR	NS, P	AD 1.1.12
TIDAHOLM/Bämmelshed	ESGD	NTL	VFR	P	AD 1.1.12
TIERP	ESKT	NTL	VFR	P	AD 1.1.12
TORSBY	ESST	NTL	IFR-VFR	S, NS, P	AD 2
TORSBY/Torsby sjukhus	ESET	NTL	VFR	NS	AD 1.1.11
TROLLHÄTTAN/NÅL sjukhus	ESEN	NTL	VFR	NS	AD 1.1.11
TROLLHÄTTAN-VÄNERSBORG	ESGT	INTL-NTL	IFR-VFR	S, NS, P	AD 2
UDDEVALLA/Backamo	ESGA	NTL	VFR	P	AD 1.1.12
UDDEVALLA/Rörkärr	ESGU	NTL	VFR	P	AD 1.1.12
UMEÅ	ESNU	INTL-NTL	IFR-VFR	S, NS, P	AD 2
UMEÅ/Universitetssjukhuset	ESHZ	NTL	VFR	NS	AD 1.1.11
UPPSALA	ESCM	INTL-NTL	IFR-VFR	NS	AD 2
UPPSALA/Akademiska sjukhuset	ESHU	NTL	VFR	NS	AD 1.1.11
VARBERG	ESGV	NTL	VFR	P	AD 1.1.12
VELLINGE	ESTT	NTL	VFR	P	AD 1.1.12
VIDSEL	ESPE	NTL	VFR	NS, P	AD 2
VILHELMINA	ESNV	NTL	IFR-VFR	S, NS, P	AD 2
VISBY	ESSV	INTL-NTL	IFR-VFR	S, NS, P	AD 2
VISBY/Sjukhuset	ESEV	NTL	VFR	NS	AD 1.1.11
VISINGSÖ	ESSI	NTL	VFR	P	AD 1.1.12
VÅRGÅRDA	ESGO	NTL	VFR	P	AD 1.1.12
VÄSTERVIK	ESSW	NTL	VFR	P	AD 1.1.12
VÄSTERÅS/Johannisberg	ESSX	NTL	VFR	P	AD 1.1.12
VÄSTERÅS/Västmanlands sjukhus	ESEW	NTL	VFR	NS	AD 1.1.11
VÄXJÖ/Kronoberg	ESMX	INTL-NTL	IFR-VFR	S, NS, P	AD 2
ÅKERSBERGA	ESHR	NTL	VFR	P	AD 1.1.11
ÅLLEBERG	ESGC	NTL	VFR	P	AD 1.1.12
ÅNGE/Tälje	ESUJ	NTL	VFR	P	AD 1.1.12
ÅRE ÖSTERSUND	ESNZ	INTL-NTL	IFR-VFR	S, NS, P	AD 2
ÅSELE	ESUS	NTL	VFR	P	AD 1.1.12
ÅVIKEN/Åviken Fly Camp	ESNF	INTL-NTL	VFR	NS, P	AD 1.1.12
ÄLMHULT/Möckeln	ESMU	NTL	VFR	P	AD 1.1.12
ÄLVSBYN	ESUV	NTL	VFR	P	AD 1.1.12
ÄNGELHOLM	ESTA	INTL-NTL	IFR-VFR	S, NS, P	AD 2
ÖLANDA	ESMZ	NTL	VFR	P	AD 1.1.12

Aerodrome Location indicator		Type of traffic permitted to use the aerodrome			Reference to AD Section and remarks
		INTL-NTL	IFR-VFR	S = Scheduled NS = Non-scheduled P = Private	
1		2	3	4	5
ÖREBRO	ESOE	INTL-NTL	IFR-VFR	S, NS, P	AD 2
ÖREBRO/Universitetssjukhuset	ESHQ	NTL	VFR	NS	AD 1.1.11
ÖRESTEN	ESGM	NTL	VFR	P	AD 1.1.12
ÖRNSKÖLDSVIK	ESNO	INTL-NTL	IFR-VFR	S, NS, P	AD 2

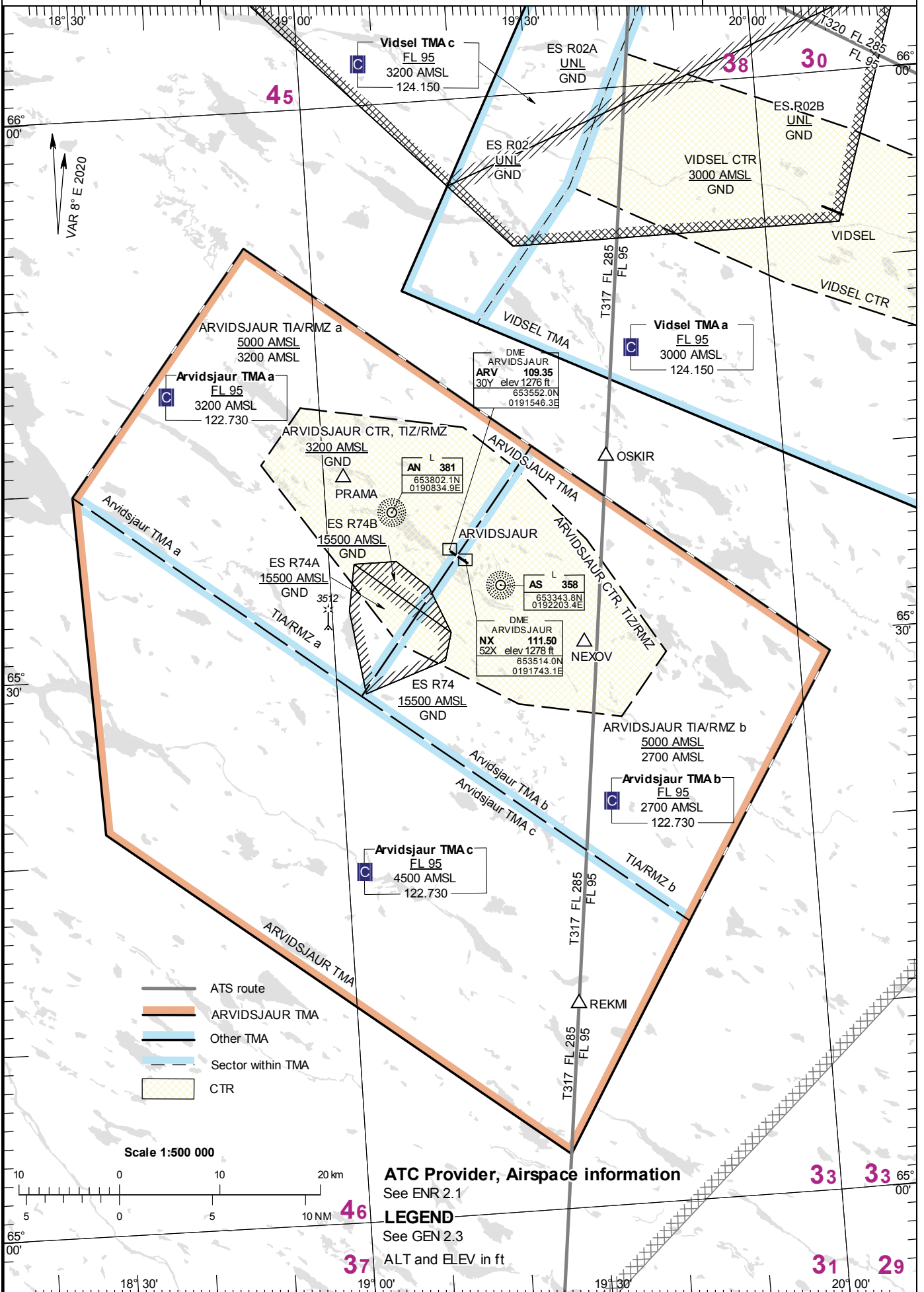
LEGEND
See GEN 2-3



LFV

Reverse side intentionally blank

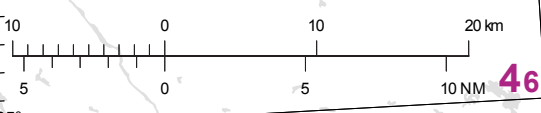
AIRAC AMDT 7/2023



VAR 8° E 2020

- ATS route
- ARVIDSJAUR TMA
- Other TMA
- Sector within TMA
- CTR

Scale 1:500 000



ATC Provider, Airspace information

See ENR 2.1

LEGEND

See GEN 2.3

ALT and ELEV in ft

VISUAL APPROACH CHART - ICAO

1:250000
1 0 1 2 3 4 5 km
1 0 1 2 3 NM

AD ELEV 140 FEET

ELEV and ALT in ft
HGT in ft above AD ELEV

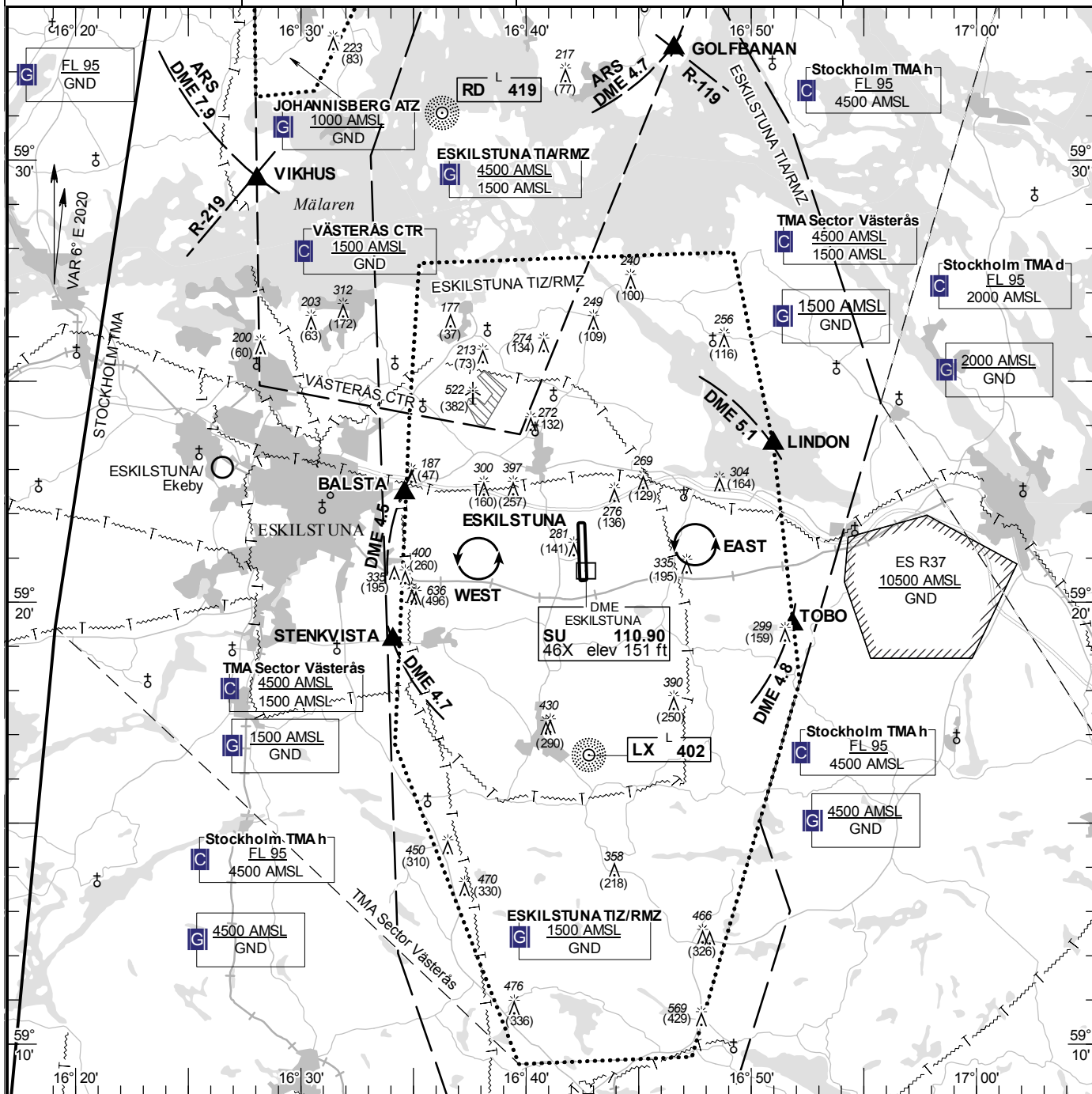
TA 5000 AMSL

ESKILSTUNA INFORMATION

126.855

AD 2 ESSU 6-1

ESKILSTUNA SWEDEN



Communication failure

NIL

Remark

NIL

Warning

During APCH RWY 36 risk for mix-up and LDG on other RWY short SW of THR 36.

RWY NR	THR ELEV	APAPI (MEHT)
18	129 ft	APAPI Left/2.86° (50 ft)
36	130.4 ft	APAPI Left/3.00° (50 ft)

Entry / exit point

LINDON	592334N 0165059E
TOBO	591929N 0165150E
STENKVISTA	591908N 0163405E
BALSTA	592227N 0163436E

Holding

EAST: Hold east of road
WEST: Hold west of cross road

Legend

See GEN 2.3

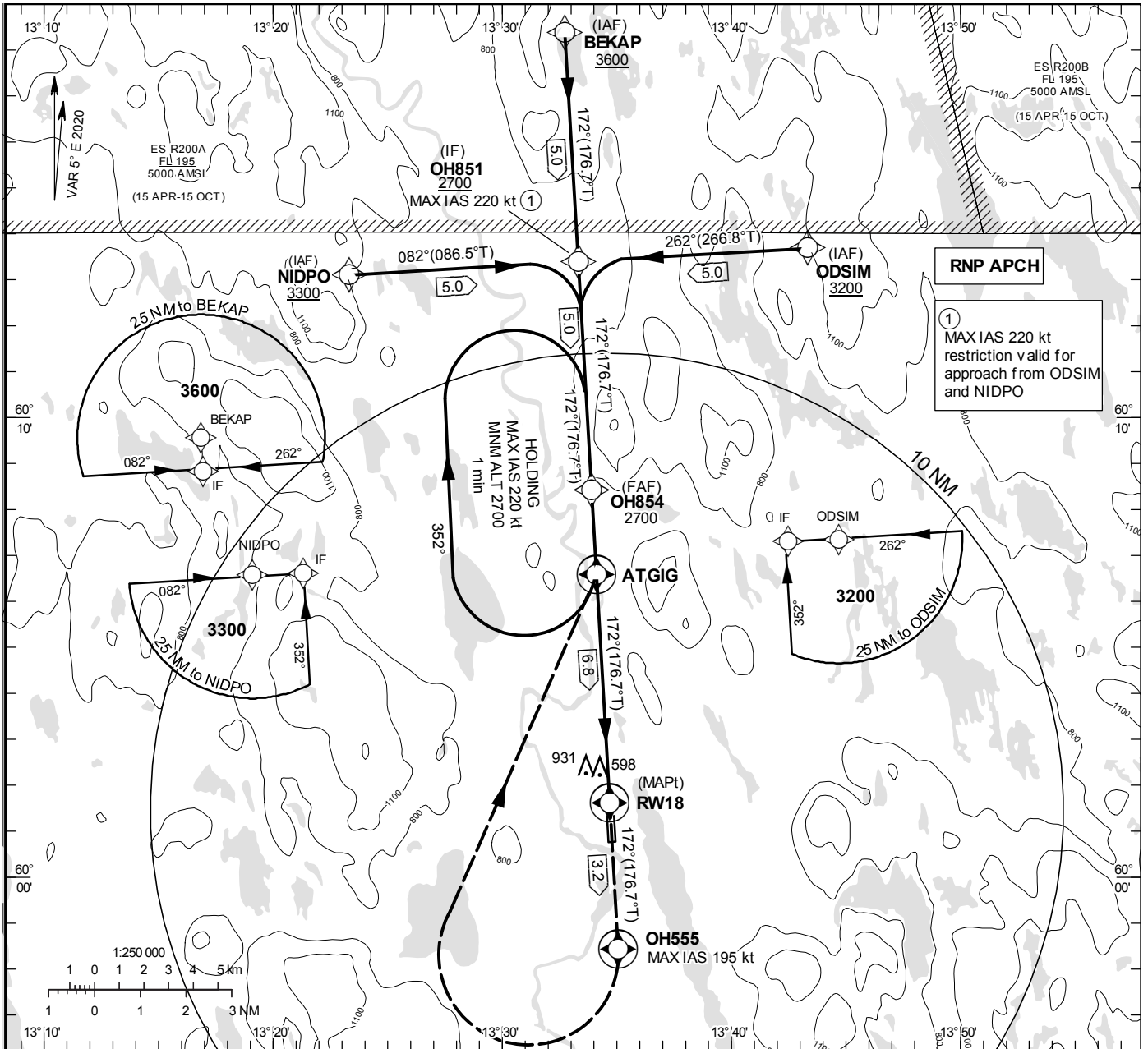
**INSTRUMENT
APPROACH
CHART – ICAO**

THR ELEV 474.3 ft, AD ELEV 474 ft
 OCH are related to THR.
 BRG are MAG (True).
 ALT, HGT and ELEV in ft.

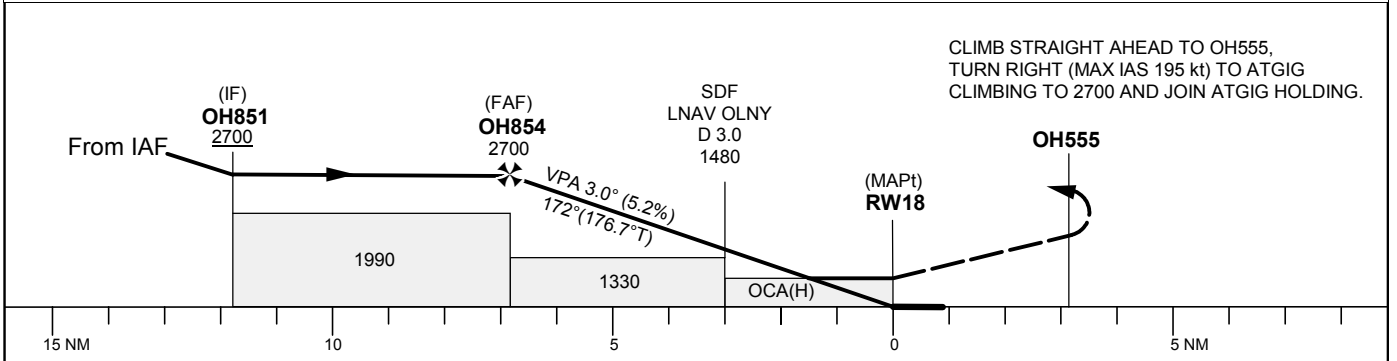
HAGFORS INFORMATION 122.230

RNP RWY 18
 (LPV, LNAV only)

EGNOS Ch 78869 E 18A



TA 5000 ft AMSL RDH 50 ft



CLIMB STRAIGHT AHEAD TO OH555,
 TURN RIGHT (MAX IAS 195 kt) TO ATGIG
 CLIMBING TO 2700 AND JOIN ATGIG HOLDING.

OCA (H)				Final approach	Distance FAF-MAPt 6.8 NM					
Cat of ACFT	A	B	C	Dist to RW 18	6	5	4	3		
LPV	728(254)	740(266)	748(274)	ALT	2430	2120	1800	1480		
LNAV	1180(710)			GS	kt	80	100	120	140	160
				Rate of descent	ft/min	425	530	635	745	850

RNP RWY 18 via NIDPO

Path Desc	Waypoint Identifier	Fly-over	Course °M(°T)	Dist (NM)	Turn Dir	Altitude	Speed	VPA/RDH	Rec Navaid	Navigation Specification
IF	NIDPO	-	-	-	-	+3300	-	-	-	RNP APCH
TF	OH851	-	082°(086.5°)	5.0	-	+2700	-220	-	-	RNP APCH

RNP RWY 18 via BEKAP

Path Desc	Waypoint Identifier	Fly-over	Course °M(°T)	Dist (NM)	Turn Dir	Altitude	Speed	VPA/RDH	Rec Navaid	Navigation Specification
IF	BEKAP	-	-	-	-	+3600	-	-	-	RNP APCH
TF	OH851	-	172°(176.7°)	5.0	-	+2700	-	-	-	RNP APCH

RNP RWY 18 via ODSIM

Path Desc	Waypoint Identifier	Fly-over	Course °M(°T)	Dist (NM)	Turn Dir	Altitude	Speed	VPA/RDH	Rec Navaid	Navigation Specification
IF	ODSIM	-	-	-	-	+3200	-	-	-	RNP APCH
TF	OH851	-	262°(266.8°)	5.0	-	+2700	-220	-	-	RNP APCH

Path Desc	Waypoint Identifier	Fly-over	Course °M(°T)	Dist (NM)	Turn Dir	Altitude	Speed	VPA/RDH	Rec Navaid	Navigation Specification
IF	OH851	-	-	-	-	+2700	-	-	-	RNP APCH
TF	OH854	-	172°(176.7°)	5.0	-	@2700	-	-	-	RNP APCH
TF	RW18	Y	172°(176.7°)	6.8	-	@524	-	-3.0/50	-	RNP APCH
TF	OH555	Y	172°(176.7°)	3.2	-	-	-195	-	-	RNP APCH
DF	ATGIG	Y	-	-	R	+2700	-	-	-	RNP APCH
HM	ATGIG	Y	172°(176.7°)	-	R	+2700	-220	-	-	RNAV 1

AD 2 AERODROMES**ESOK 2.1 AERODROME LOCATION INDICATOR AND NAME****ESOK – KARLSTAD****ESOK 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

- | | | |
|----|--|---|
| 1. | ARP coordinates and site at AD | 592641N 0132015E RWY centre point |
| 2. | Direction and distance from (city) | NW 6.5 NM from Karlstad |
| 3. | Elevation/Reference temperature | 353 ft/+20.0°C |
| 4. | Geoid undulation at AD ELEV PSN | 104 ft |
| 5. | MAG VAR/Annual change | 5° E 2020/+0.2 increasing |
| 6. | Administration, address, telephone, fax, AFS | Karlstad Airport
SE-655 91 Karlstad
TEL: +46 (0)54 540 77 00
FAX: +46 (0)54 53 23 06
E-mail: karlstadairport@karlstad.se
AFS: ESOKZTZX
Website: www.ksdarpst.se |
| 7. | Types of traffic permitted (IFR/VFR) | IFR/VFR. Max RWY ref code 4E |
| 8. | Remarks | IFR traffic is only allowed when ATS is open. |

ESOK 2.3 OPERATIONAL HOURS

- | | | |
|-----|---|--|
| 1. | AD Administration
AD Operating hours | MON-FRI 0700-1500 (0600-1400)
As ATS |
| 2. | Customs and immigration | O/R +46 (0)40 661 32 20 |
| 3. | Health and sanitation | - |
| 4. | AIS Briefing Office | FPC H24, +46 (0)8 797 63 40, www.lfv.se/fpc |
| 5. | ATS Reporting Office (ARO) | As ATS |
| 6. | MET Briefing Office | FPC H24, +46 (0)8 797 63 40, www.lfv.se/fpc |
| 7. | ATS | Ref AIP SUP/NOTAM or on request |
| 8. | Fuelling | As ATS |
| 9. | Handling | O/R |
| 10. | Security | O/R |
| 11. | De-Icing | O/R |
| 12. | Remarks | Increased charges outside TWR HR of OPS. For request e-mail:
karlstadairport@karlstad.se during AD adm hours. |

ESOK 2.4 HANDLING SERVICES AND FACILITIES

1.	Cargo-handling facilities	Available O/R
2.	Fuel/oil types	Fuel Jet A1, 100LL Oil -
3.	Fuelling facilities/discharge capacity	Jet A1: 48,700 l fuel truck/stationary, additional capacity O/R 100LL: 20,000 l stationary
4.	De-icing facilities	Available, Type I and II
5.	Hangar space for visiting ACFT	Available, private
6.	Repair facilities for visiting ACFT	-
7.	Remarks	For payment of fuel all major credit cards are accepted. Handling: Karlstad Airport Fax +46 (0)54 53 23 06

ESOK 2.5 PASSENGER FACILITIES

1.	Hotels	In Karlstad
2.	Restaurants	At AD
3.	Transportation	Buses, taxis, rental cars
4.	Medical facilities	In Karlstad
5.	Bank and Post Office	In Karlstad
6.	Tourist Office	In Karlstad
7.	Remarks	-

ESOK 2.6 RESCUE AND FIRE FIGHTING SERVICES

1.	AD category for fire fighting	MAX CAT 9. RFFS level corresponds to the current aircraft specification.
2.	Rescue equipment	Available by arrangement
3.	Capability for removal of disabled aircraft	Available by arrangement, contact duty officer +46 (0)54 540 77 34
4.	Remarks	RFFS for non-commercial operations and specialized operations only available on request during ATS OP HR. 8 min PN for NON SKED Commercial Air Transport Operations TFC.

ESOK 2.7 SEASONAL AVAILABILITY – CLEARING

1.	Types of clearing equipment	Snowploughs, blowers, sweepers, spreaders
2.	Clearance priorities	RWY, TWY, Apron
3.	Remarks	-

ESOK 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	True BRG and MAG BRG	Dimensions of RWY (m)	Strength (PCN) and surface of RWY and SWY	THR coordinates RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APCH RWY
1	2	3	4	5	6
03	025.65° GEO 021° MAG	2516 x 45	PCN 65 F/B/X/T ASPH	592604.32N 0131939.95E GUND 104.3 ft	THR 333.0 ft TDZ 333.0 ft
21	205.67° GEO 201° MAG	2516 x 45	PCN 65 F/B/X/T ASPH	592717.61N 0132049.08E GUND 104.1 ft	THR 352.7 ft TDZ 352.7 ft

Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ	Remarks
7	8	9	10	11	12
03 See ESOK AOC	-	-	2636 x 280	-	-
21 See ESOK AOC	-	-	2636 x 280	-	-

ESOK 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
03	2516	2516	2516	2516	-
21	2516	2516	2516	2516	-

DECLARED DISTANCES TAKE-OFF INTERSECTIONS

RWY Designator	INTERSECTION	TORA (m)	TODA (m)	ASDA (m)	Remarks	
1		2	3	4	5	6
03	TWY N	969	969	969	-	-
03	TWY S	1395	1395	1395	-	-
21	TWY N	1485	1485	1485	-	-
21	TWY S	1037	1037	1037	-	-

ESOK 2.14 APPROACH AND RUNWAY LIGHTING

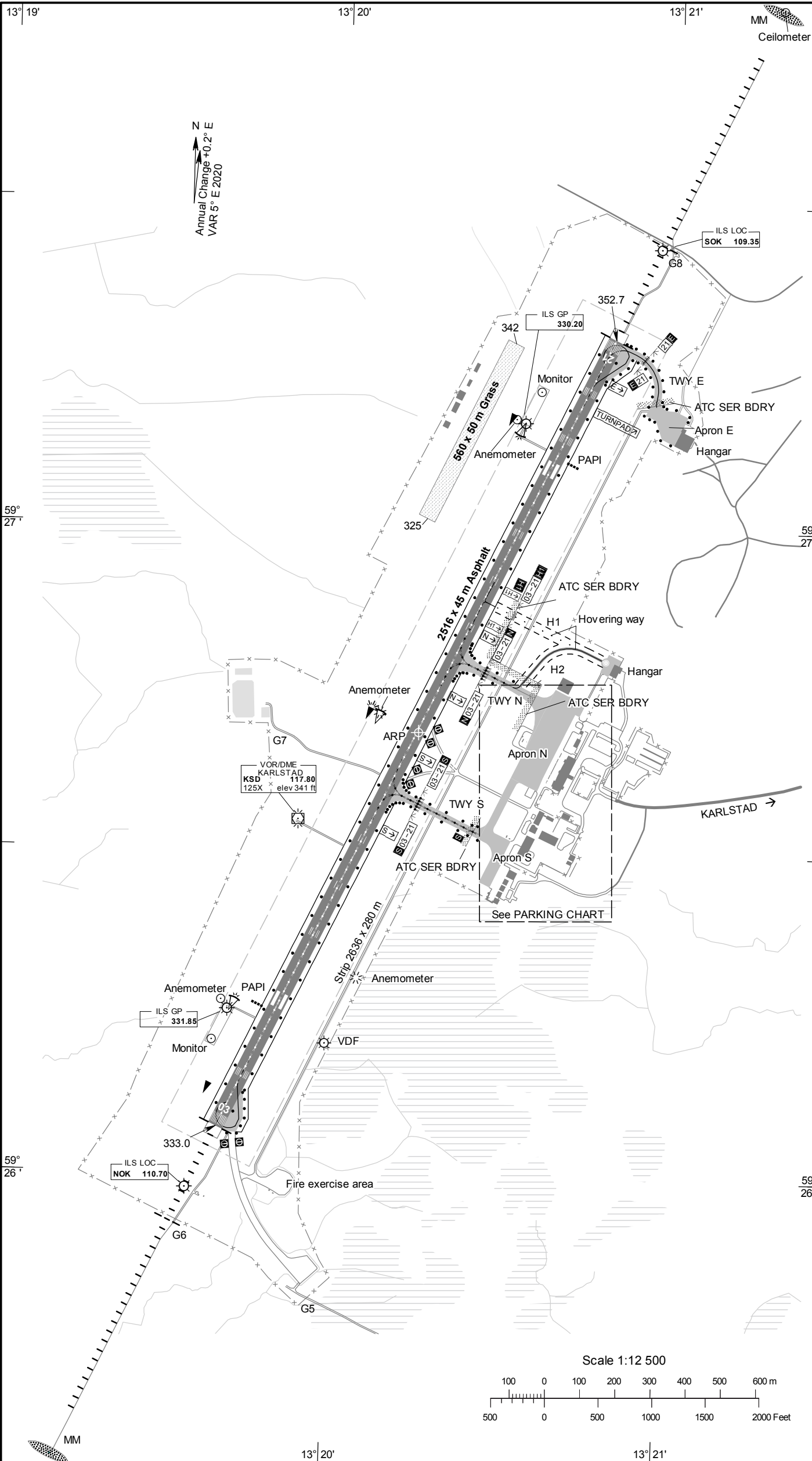
RWY Designator	APCH LGT Type, LEN INTST	THR LGT Colour WBAR	VASIS (MEHT)	TDZ LGT LEN	RWY Centre Line LGT LEN, Spacing Colour INTST	RWY Edge LGT LEN, Spacing Colour INTST	RWY End LGT Colour WBAR	SWY LGT LEN, Colour
1	2	3	4	5	6	7	8	9
03	Barrette CL CAT I 900 m LIL/LIH	Green	PAPI Left/3.00° (57.4 ft)	-	2516/30 m 0-1600 m white 1600-2200 m white/red 2200-2516 m red LIH	2516/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
21	Barrette CL CAT I 900 m LIL/LIH	Green	PAPI Left/3.00° (57.4 ft)	-	2516/30 m 0-1600 m white 1600-2200 m white-red 2200-2516 m red LIH	2516/60 m White Caution zone 600 m yellow LIL/LIH	Red	-
10 Remarks: RWY 03: LED lights on APCH, RCLL, RTHL, REDL and RENL RWY 21: LED lights on APCH, RCLL, RTHL, REDL and RENL								

ESOK 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1. ABN/IBN location, characteristics and hours of operation -
2. LDI location and LGT
Anemometer location and LGT Lighted windsock W RWY centre point, unlighted at ends, NE THR 21, N Apron S.
At W RWY, GP RWY 03 and 21, lighted
3. TWY edge and centre line lighting Edge: TWY E, N, S
CL: TWY N, S
4. Secondary power supply/switch-over time Available/15 sec
5. Remarks -
LED lights on TWY centre line lights TWY N and S
LED lights on all TWY edge lights
LED lights on all RGL

ESOK 2.16 HELICOPTER LANDING AREA

RWY 03/21 to be used.



ARP 592641N 0132015E

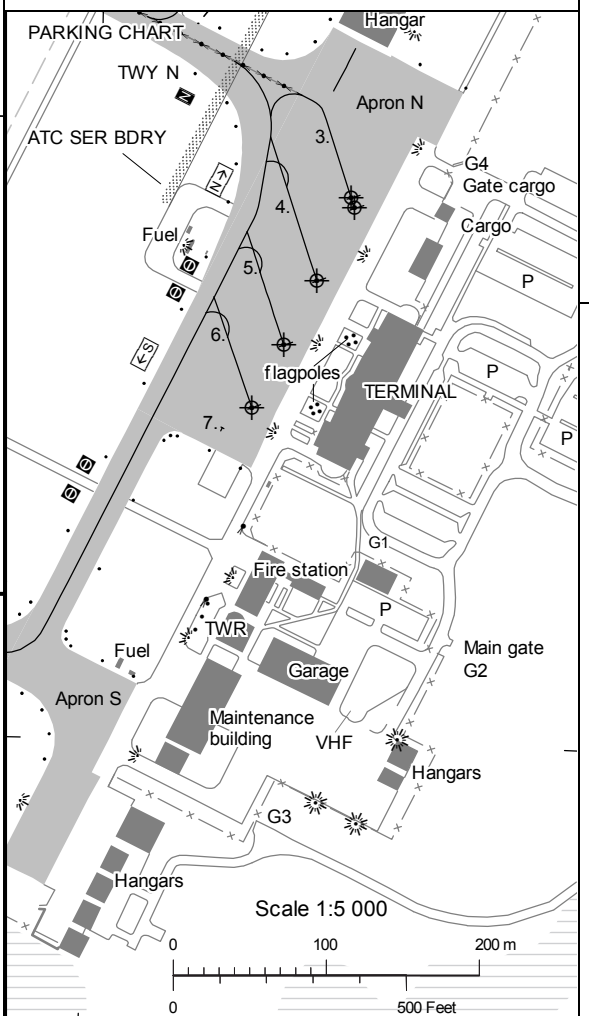
AD ELEV 353 FEET

LEGEND See GEN 2.3

Dimensions in m, ELEV in ft

TWY NR	WIDTH	Surface Bearing strength	Day marking		Taxiway lighting	
			Centerline Holding	Edge Centerline	RGL Stopbar	RGL
E	23 m	ASPH PCN 40 F/B/X/T	CL HLDG	EDGE	RGL	RGL
N	23 m	ASPH PCN 64 F/B/X/T	CL HLDG	EDGE CL	RGL STOPBAR	RGL
S	23 m	ASPH PCN 40 F/B/X/T	CL HLDG	EDGE CL	RGL STOPBAR	RGL

INS Coordinates for Aircraft Stands			
APRON Surface Bearing strength	NR	COORD	ELEV
N ASPH PCN 58 F/B/X/T	3.1	592641.42N 0132040.66E	337
	3.2	592641.65N 0132040.51E	338
	4	592639.86N 0132039.18E	336
	5	592638.48N 0132037.86E	335
S ASPH PCN 40 F/B/X/T			
E ASPH PCN 43 F/B/X/T			



CHANGE: Strip width, ATC SER BDRY

AIRAC AMDT 7/2023 30 NOV 2023

RWY NR	TRUE & MAG BRG	THR PSN Geoid undulation	Bearing Strength	THR ELEV and highest ELEV of TDZ of precision APCH RWY	Declared distances				Approach and runway lighting					
					TORA	TODA	ASDA	LDA	APCH	THR TRID TDZ	VASIS (MEHT)	RWY CL	Edge	End
03	025.65° GEO 021° MAG	592604.32N 0131939.95E GUND 104.3 ft	PCN 65 F/B/X/T	THR 333.0 ft TDZ 333 ft	2516	2516	2516	2516	Barrette CL Cat I 900 m LIL/LIH	THR Green	PAPI Left/3.00° (57.4 ft)	2516/30 m 0-1600 m white 1600-2200 m white/red 2200-2516 m red LIH	2516/60 m White Caution zone 600 m yellow LIL/LIH	Red
21	205.67° GEO 201° MAG	592717.61N 0132049.08E GUND 104.1 ft	PCN 65 F/B/X/T	THR 352.7 ft TDZ 353 ft	2516	2516	2516	2516	Barrette CL Cat I 900 m LIL/LIH	THR Green	PAPI Left/3.00° (57.4 ft)	2516/30 m 0-1600 m white 1600-2200 m white/red 2200-2516 m red LIH	2516/60 m White Caution zone 600 m yellow LIL/LIH	Red

ESMK 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1.	Apron surface and strength	Apron ASPH PCN 45 F/B/X/T
2.	Taxiway width, surface and strength	TWY A 23 m ASPH PCN 45 F/B/X/T TWY B 23 m ASPH PCN 45 F/B/X/T TWY C 7.5 m ASPH PCN - TWY D 7.5 m ASPH+GRASS PCN -
3.	ACL, location and elevation	Apron 73 ft
4.	VOR checkpoints	-
5.	INS checkpoints	-
6.	Remarks	-

ESMK 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1.	Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of ACFT stands	Taxi guide lines and signs. Marshalling available
2.	RWY and TWY markings and LGT	RWY 01/19: Designator, THR, TDZ, CL and edges are day marked RTHL, REDL, RENL TWY A: CL, HLDG day marked. Edge lights, RGL B: CL, HLDG day marked. Edge lights, RGL C: CL, HLDG day marked. RGL D: CL day marked
3.	Stop bars	-
4.	Remarks	-

ESMK 2.10 AERODROME OBSTACLES

In Area 2					
OBST ID/Designation	OBST type	OBST position	ELEV/HGT in metres	Markings/ Type, colour	Remarks
a	b	c	d	e	f
ESMK1	Forest	555603.8N 0140523.2E	34.9 / -	-	-
ESMK2	Shrub	555428.4N 0140501.5E	29.9 / -	-	-
ESMK3	Forest	555426.9N 0140450.5E	37.2 / -	-	-
ESMK4	Forest	555423.1N 0140450.1E	40.3 / -	-	-
ESMK5	Forest	555422.3N 0140457.8E	41.0 / -	-	-
ESMK6	Forest	555417.1N 0140501.3E	45.1 / -	-	-
ESMK7	Forest	555415.6N 0140501.2E	48.9 / -	-	-
ESMK8	Forest	555413.5N 0140458.4E	49.8 / -	-	-
ESMK9	Forest	555414.2N 0140445.4E	50.0 / -	-	-
ESMK10	Forest	555046.7N 0140318.1E	163.0 / -	-	-
In Area 3					
OBST ID/Designation	OBST type	OBST position	ELEV/HGT	Markings/ Type, colour	Remarks
a	b	c	d	e	f
Not available					

ESMK 2.11 METEOROLOGICAL INFORMATION PROVIDED

- Associated MET Office STOCKHOLM/Arlanda
- Hours of service H24
MET Office outside hours
- Office responsible for TAF preparation STOCKHOLM/Arlanda
Periods of validity 9 HR, <https://tafplanner.smhi.se/app.php/production-program>
- Type of landing forecast Not issued
Interval of issuance
- Briefing/consultation provided FPC H24, +46 (0)8 797 63 40, www.lfv.se/fpc
- Flight documentation TAF, METAR, SIGMET, Upper air winds
Language(s) used Swedish/English
- Charts and other information available for briefing or consultation SWC, WC, Nordic SIGWX Chart, Low level forecast
- Supplementary equipment available for providing information -
- ATS units provided with information KRISTIANSTAD TWR
- Additional information (limitation of service, etc.) Flight planning room available

ESMK 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	True BRG and MAG BRG	Dimensions of RWY (m)	Strength (PCN) and surface of RWY and SWY	THR coordinates RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APCH RWY
1	2	3	4	5	6
01	007.15° GEO 002° MAG	2215 x 45	PCN 45 F/B/X/T ASPH	555442.49N 0140459.97E GUND 114 ft	THR 77 ft
19	187.15° GEO 182° MAG	2215 x 45	PCN 45 F/B/X/T ASPH	555553.60N 0140515.86E GUND 114.1 ft	THR 73.8 ft TDZ 73.8 ft

Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ	Remarks
7	8	9	10	11	12
01 See ESMK AOC	-	250 x 180	2335 x 300	-	-
19 See ESMK AOC	-	350 x 180	2335 x 300	-	-

ESMK 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
01	2215	2465	2215	2215	-
19	2215	2565	2215	2215	-

DECLARED DISTANCES TAKE-OFF INTERSECTIONS

RWY Designator	INTERSECTION	TORA (m)	TODA (m)	ASDA (m)	Remarks	
1		2	3	4	5	6
01	TWY A	1050	1300	1050	-	-
01	TWY B	848	1098	848	-	-
01	TWY C	923	1173	923	-	-
19	TWY A	1189	1539	1189	-	-
19	TWY B	1390	1740	1390	-	-
19	TWY C	1300	1650	1300	-	-

ESMK 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT Type, LEN INTST	THR LGT Colour WBAR	VASIS (MEHT)	TDZ LGT LEN	RWY Centre Line LGT LEN, Spacing Colour INTST	RWY Edge LGT LEN, Spacing Colour INTST	RWY End LGT Colour WBAR	SWY LGT LEN, Colour
1	2	3	4	5	6	7	8	9
01	-	Green	PAPI Left/3.00° (50.3 ft)	-	-	2215/60 m White Caution zone 600 m yellow LIH	Red	-
19	Calvert CAT I 900 m LIL/LIH	Green	PAPI Left/3.25° (59.0 ft)	-	-	2215/60 m White Caution zone 600 m yellow LIH	Red	-
10 Remarks: RWY 01: TRID FLG W LIH RWY 19: EFAS 870-330 m before THR and crossbar 3:c								

ESMK 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

- ABN/IBN location, characteristics and hours of operation -
- LDI location and LGT
Anemometer location and LGT Lighted windsock S apron, windsocks at THR 01 and THR 19
870 m N THR 01 and S of ILS GP, lighted
- TWY edge and centre line lighting Edge: TWY A, B
CL: -
- Secondary power supply/switch-over time Available/15 sec.
RVR below 800 m and during LVP: Available/1 sec.
- Remarks -

ESMK 2.16 HELICOPTER LANDING AREA

RWY 01/19 to be used

ESMK 2.17 ATS AIRSPACE

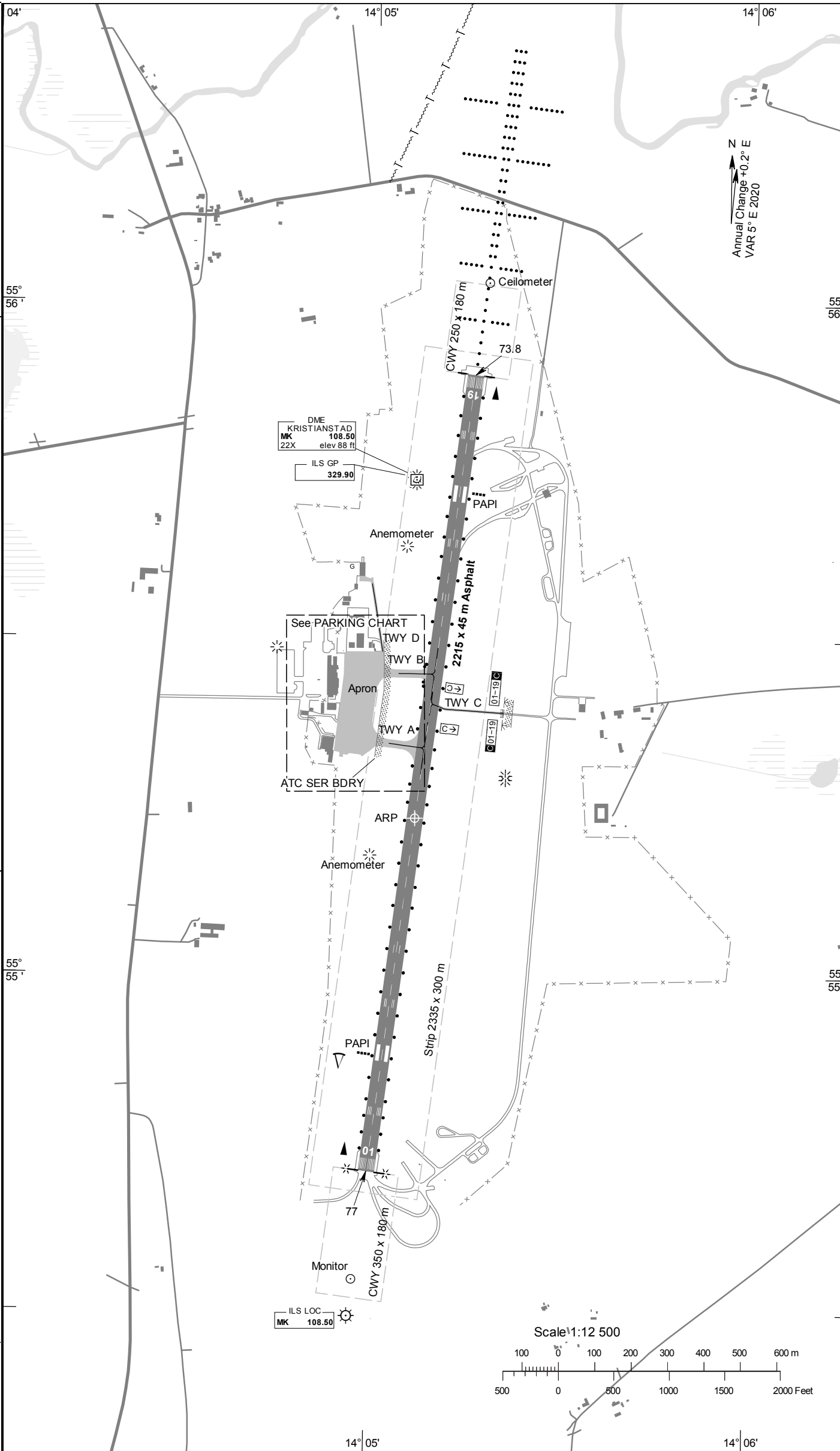
- Designation and lateral limits KRISTIANSTAD CTR 560800N 0140150E - 560730N 0141435E -
555438N 0141600E - 554350N 0140830E -
554418N 0135720E - 555616N 0135536E -
560800N 0140150E
- Vertical limits KRISTIANSTAD CTR 1700 ft AMSL
GND
- Airspace classification C
- ATS unit call sign KRISTIANSTAD TOWER
Language(s) Swedish/English
- Transition altitude 5000 ft AMSL
- Remarks CTR established during hours of TWR

ARP 555514N 0140507E

AD ELEV 77 FEET

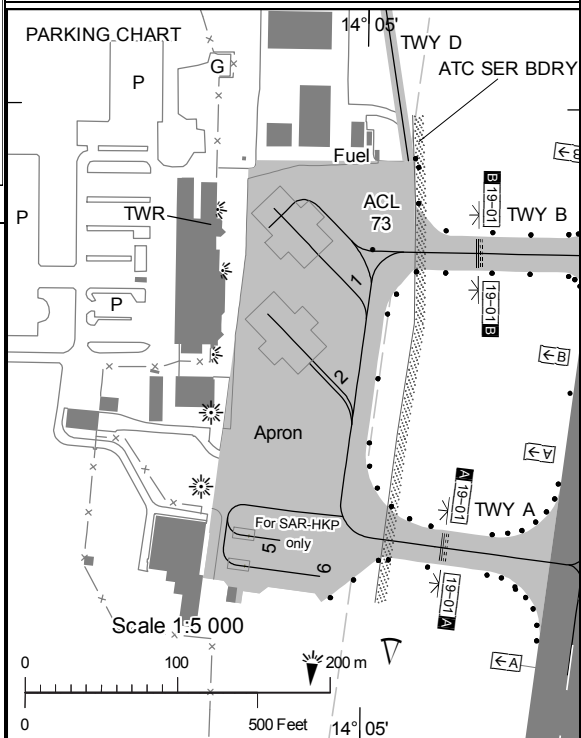
LEGEND See GEN 2.3

Dimensions in m, ELEV in ft



TWY NR	WIDTH	Surface Bearing strength	Day marking		Taxiway lighting	
			Centerline Holding	Edge Centerline	RGL Stopbar	RGL
A	23 m	ASPH PCN 45 F/B/X/T	CL HLDG	EDGE		RGL
B	23 m	ASPH PCN 45 F/B/X/T	CL HLDG	EDGE		RGL
C	7.5 m	ASPH	CL HLDG			RGL
D	7.5 m	ASPH+GRASS	CL			

INS Coordinates for Aircraft Stands			
APRON Surface Bearing strength	NR	COORD	ELEV
Apron ASPH PCN 45 F/B/X/T			



RWY NR	TRUE & MAG BRG	THR PSN Geoid undulation	Bearing strength	THR ELEV and highest ELEV of TDZ of precision APCH RWY	Declared distances				Approach and runway lighting				
					TORA	TODA	ASDA	LDA	APCH	THR TRID TDZ	VASIS (MEHT)	Edge	End
01	007.15° GEO 002° MAG	555442.49N 0140459.97E GUND 114 ft	PCN 45 F/B/X/T	THR 77 ft	2215	2465	2215	2215		THR Green TRID LIH	PAPI Left/3.00° (50.3 ft)	2215/60 m White Caution zone 600 m yellow LIH	Red
19	187.15° GEO 182° MAG	555553.60N 0140515.86E GUND 114.1 ft	PCN 45 F/B/X/T	THR 73.8 ft TDZ 73.8 ft	2215	2565	2215	2215	Calvert Cat I 900 m LIL/LIH	THR Green	PAPI Left/3.25° (59.0 ft)	2215/60 m White Caution zone 600 m yellow LIH	Red

REMARK: Electronic Flashing System lights to RWY 19 (870-330 m before THR) and crossbar 3:c.

ESMS 2.11 METEOROLOGICAL INFORMATION PROVIDED

- | | | |
|-----|--|--|
| 1. | Associated MET Office | STOCKHOLM/Arlanda |
| 2. | Hours of service
MET Office outside hours | H24 |
| 3. | Office responsible for TAF preparation
Periods of validity | STOCKHOLM/Arlanda
24 HR |
| 4. | Type of landing forecast
Interval of issuance | Not issued |
| 5. | Briefing/consultation provided | FPC H24, +46 (0)8 797 63 40, www.lfv.se/fpc |
| 6. | Flight documentation
Language(s) used | TAF, METAR, SIGMET, Upper air winds
Swedish/English |
| 7. | Charts and other information available for
briefing or consultation | SWC, WC, Nordic SIGWX Chart, Low level forecast |
| 8. | Supplementary equipment available for
providing information | - |
| 9. | ATS units provided with information | MALMÖ/Sturup TWR/RTC Stockholm |
| 10. | Additional information (limitation of service,
etc.) | - |

ESMS 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	True BRG and MAG BRG	Dimensions of RWY (m)	Strength (PCN) and surface of RWY and SWY	THR coordinates RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APCH RWY
1	2	3	4	5	6
17	173.35° GEO 169° MAG	2800 x 45	PCN 80 F/B/X/T ASPH	553253.00N 0132225.59E GUND 116.6 ft	THR 208.8 ft TDZ 224 ft
35	353.35° GEO 349° MAG	2800 x 45	PCN 80 F/B/X/T ASPH	553123.07N 0132244.09E GUND 116.4 ft	THR 236.3 ft TDZ 237 ft
11	105.31° GEO 101° MAG	799 x 18	PCN 10 F/B/X/T ASPH	553123.34N 0132135.14E GUND 116 ft	THR 232 ft
29	285.32° GEO 281° MAG	799 x 18	PCN 10 F/B/X/T ASPH	553116.51N 0132219.11E GUND 116 ft	THR 228 ft

Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ	Remarks
7	8	9	10	11	12
17 See ESMS AOC	-	300 x 180	2920 x 300	-	-
35 See ESMS AOC	-	300 x 180	2920 x 300	-	-
11 Info not avbl	-	-	859 x 60	-	Non instrument, VFR daylight
29 Info not avbl	-	-	859 x 60	-	Non instrument, VFR daylight

ESMS 2.13 DECLARED DISTANCES

RWY	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
17	2800	3100	2800	2800	-
35	2800	3100	2800	2800	-
11	799	799	799	799	-
29	799	799	799	799	-

DECLARED DISTANCES TAKE-OFF INTERSECTIONS

RWY	INTERSECTION	TORA (m)	TODA (m)	ASDA (m)	Remarks	
1		2	3	4	5	6
17	TWY A	2163	2463	2163	-	-
35	TWY B	2052	2352	2052	-	-

ESMS 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT Type, LEN INTST	THR LGT Colour WBAR	VASIS (MEHT)	TDZ LGT LEN	RWY Centre Line LGT LEN, Spacing Colour INTST	RWY Edge LGT LEN, Spacing Colour INTST	RWY End LGT Colour WBAR	SWY LGT LEN, Colour
1	2	3	4	5	6	7	8	9
17	Barrette CL CAT II 900 m LIH	Green	PAPI Left/3.00° (59.0 ft)	White 900 m	2800/30 m 0-1900 m white 1900-2500 m white/red 2500-2800 m red LIH	2800/60 m White Caution zone 600 m yellow LIH	Red	-
35	Barrette CL CAT I 900 m LIH	Green	PAPI Left/3.00° (60.4 ft)	-	2800/30 m 0-1900 m white 1900-2500 m white/red 2500-2800 m red LIH	2800/60 m White Caution zone 600 m yellow LIH	Red	-
11	-	-	-	-	-	Retro-reflectory markings.	-	-
29	-	-	-	-	-	Retro-reflectory markings.	-	-

10 Remarks: RWY 17: LED lights on RTHL, RTZL, RCLL, REDL and RENL.
See also ESMS 2-1
RWY 35: LED lights on RTHL, RCLL, REDL and RENL.
See also ESMS 2-1

3.1 A380 verksamhet

- RWY 17/35 kommer att användas för start och landning.
- RWY avfart Y THR 17 och 35 är godkända.
- RWY påfart Y THR 17 och 35 är godkända.
- Idle thrust ska användas på yttermotorerna vid taxning.
- Överstyrningsteknik ska användas enligt befälhavarens bedömning.
- Parkering kommer företrädesvis att utföras på plats 20 på platta S.
- A380 pushbackstång finns inte tillgänglig på flygplatsen. Operatör ansvarar själv för att säkerställa egen utrustning.
- A380 operatör är ansvarig för att kontraktera marktjänstföretag före användandet av flygplatsen.

3.2 An-124 verksamhet

- RWY 17/35 kommer att användas för start och landning.
- RWY avfart Y THR 17 och 35 är godkända.
- RWY påfart Y THR 17 och 35 är godkända.
- Idle thrust ska användas på yttermotorerna vid taxning.
- Överstyrningsteknik ska användas enligt befälhavarens bedömning.
- Parkering kommer företrädesvis att utföras på plats 20 på platta S.
- An-124 operatör är ansvarig för att kontraktera marktjänstföretag före användandet av flygplatsen.

3.3 B747-8 verksamhet

- RWY 17/35 kommer att användas för start och landning.
- RWY avfart Y THR 17 och 35 är godkända.
- RWY påfart Y THR 17 och 35 är godkända.
- Idle thrust ska användas på yttermotorerna vid taxning.
- Överstyrningsteknik ska användas enligt befälhavarens bedömning.
- Parkering kommer företrädesvis att utföras på plats 20 på platta S.
- B747-8 operatör är ansvarig för att kontraktera marktjänstföretag före användandet av flygplatsen.

4. Växelvis ATS-tjänst

ATS-tjänst bedrivs växelvis från nuvarande TWR på Malmö flygplats och från RTC Stockholm.

5. Signalstrålkastare

Signalstrålkastare placerad både på R-TWR och på nuvarande ATS TWR.

3.1 A380 operations

- RWY 17/35 will be used for landing and take-off.
- RWY exit Y THR 17 and 35 are approved.
- RWY entry Y THR 17 and 35 are approved.
- Idle thrust shall be used on outer engines when taxiing.
- Judgemental oversteer shall be used.
- Parking will primarily take place at stand 20 on apron S.
- A380 towbar is not available at the airport. Operator shall secure for arrangements with own equipment.
- A380 operator is responsible for contracting handling company before using the airport.

3.2 An-124 operations

- RWY 17/35 will be used for landing and take-off.
- RWY exit Y THR 17 and 35 are approved.
- RWY entry Y THR 17 and 35 are approved.
- Idle thrust shall be used on outer engines when taxiing.
- Judgemental oversteer shall be used.
- Parking will primarily take place at stand 20 on apron S.
- An-124 operator is responsible for contracting handling company before using the airport.

3.3 B747-8 operations

- RWY 17/35 will be used for landing and take-off.
- RWY exit Y THR 17 and 35 are approved.
- RWY entry Y THR 17 and 35 are approved.
- Idle thrust shall be used on outer engines when taxiing.
- Judgemental oversteer shall be used.
- Parking will primarily take place at stand 20 on apron S.
- B747-8 operator is responsible for contracting handling company before using the airport.

4. Alternating Air Traffic Service

Air Traffic Service (ATS) provided alternately from existing TWR at Malmö AD and RTC Stockholm.

5. Signaling lamp

Signaling lamp positioned at R-TWR and on existing ATS TWR.

ESMS 2.24 TILLHÖRANDE KARTOR

RELATED CHARTS

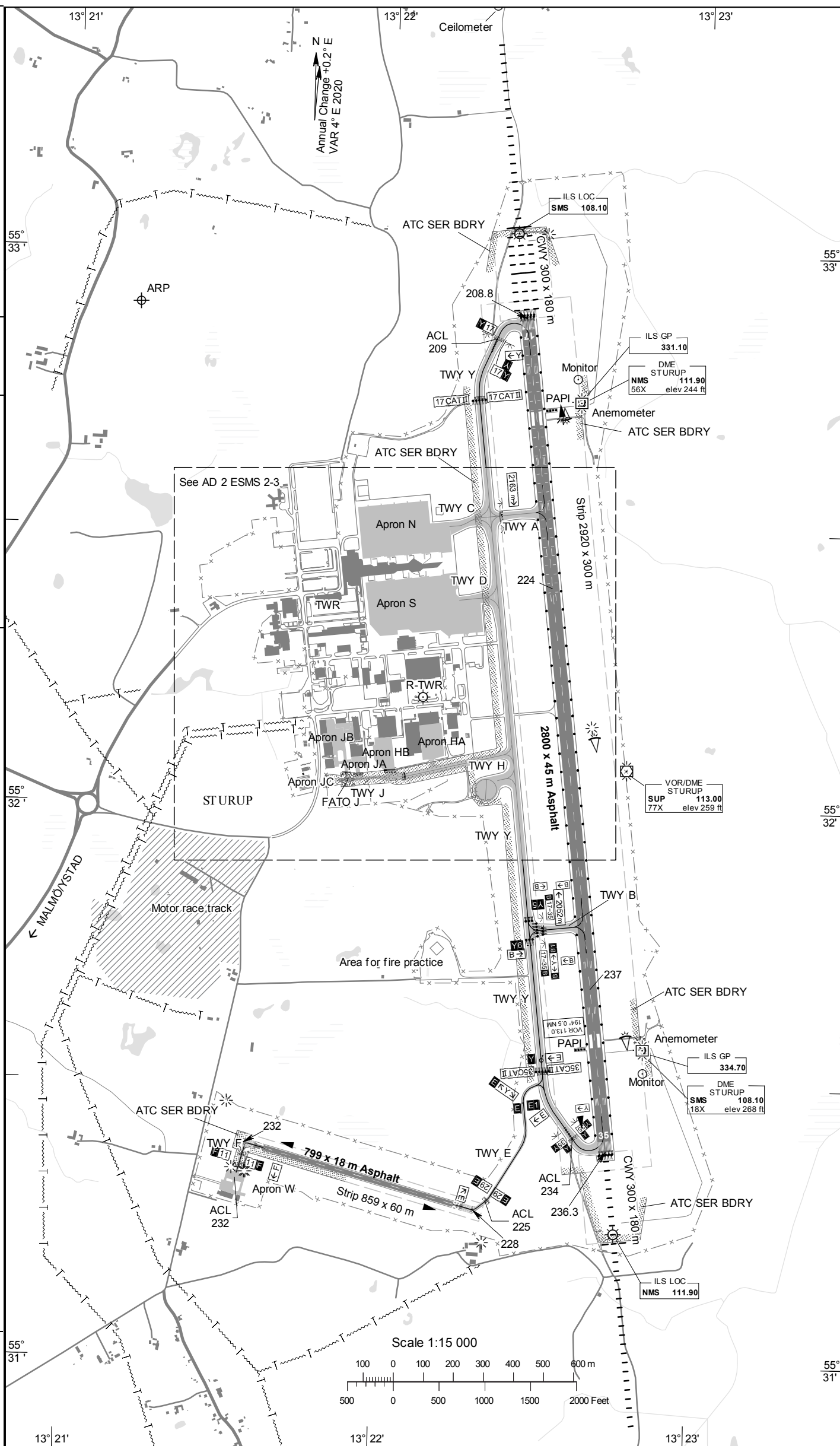
AD chart		ESMS 2-1
Parking/docking chart		ESMS 2-3
AOC	RWY 17/35	ESMS-3-1
PATC	RWY 17	ESMS-3-3
PATC	RWY 35	ESMS 3-5
Area chart	(TMA)	ESMS 4-1
Area chart		ESMS 4-2
List of waypoints and significant points		ESMS 4-3
RNAV (GNSS) SID	RWY 17	ESMS 4-5
RNAV (GNSS) SID	RWY 35	ESMS 4-9
RNAV (GNSS) STAR	RWY 17	ESMS 4-13
RNAV (GNSS) STAR	RWY 35	ESMS 4-17
ATC Surveillance Minimum ALT Chart		ESMS 4-91
IAC	ILS or LOC RWY 17	ESMS 5-1
IAC	VOR RWY 17	ESMS 5-2
IAC	ILS or LOC RWY 35	ESMS 5-3
IAC	VOR RWY 35	ESMS 5-5
IAC	RNP z RWY 17	ESMS 5-7
IAC	RNP y RWY 17 (AR)	ESMS 5-9
IAC	RNP z RWY 35	ESMS 5-11
IAC	RNP y RWY 35 (AR)	ESMS 5-13
VAC		ESMS 6-1

ARP 553254N 0132112E

AD ELEV 237 FEET

LEGEND See GEN 2.3

Dimensions in m, ELEV in ft




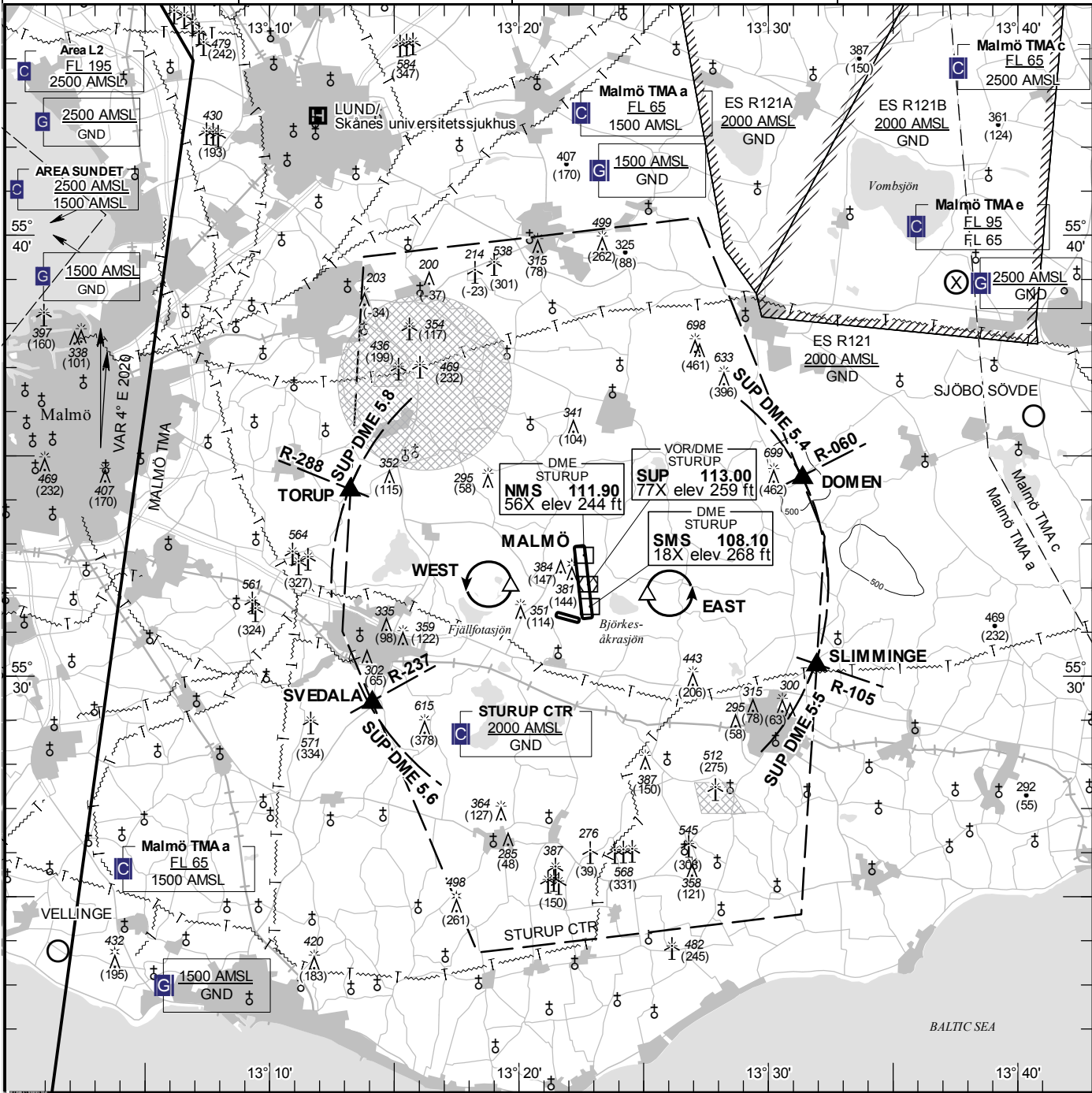
TWY NR	WIDTH	Surface Bearing strength	Day marking		Taxiway lighting	
			Centerline Holding	Edge Centerline	RGL Stopbar	RGL STOPBAR
A	23 m	ASPH PCN 70 F/B/X/T	CL HLDG ITHP	CL		RGL STOPBAR
B	23 m	ASPH PCN 80 F/B/X/T	CL HLDG ITHP	CL		RGL STOPBAR
C	27 m	ASPH PCN 80 F/B/X/T	CL ITHP	CL		
D	23 m	ASPH PCN 80 F/B/X/T	CL ITHP	CL		
E	10 m	ASPH PCN 11 F/B/X/T	CL HLDG			
F	9 m	ASPH PCN 10 F/B/X/T	CL HLDG			
H	23 m	ASPH PCN 40 F/B/X/T	CL ITHP	EDGE		
J	11 m	ASPH PCN 15 F/B/X/T	CL	EDGE		
Y	23 m	ASPH PCN 70 F/B/X/T	CL HLDG ITHP	CL		RGL STOPBAR

ACL/INS Coordinates for Aircraft Stands			
APRON Surface Bearing strength	NR	COORD	ELEV
W ASPH PCN 15			

For Apron N, S, HA, HB, JA, JB, JC and Compass Base see AD 2 ESMS 2-3

RWY NR	TRUE & MAG BRG	THR PSN Geoid undulation	Bearing Strength	THR ELEV and highest ELEV of TDZ of precision APCH RWY	Declared distances				Approach and runway lighting						
					TORA	TODA	ASDA	LDA	APCH	THR TRID TDZ	VASIS (MEHT)	RWY CL	Edge	End	
17	173.35° GEO 169° MAG	553253.00N 0132225.59E GUND 116.6 ft	PCN 80 F/B/X/T	THR 208.8 ft TDZ 224 ft	2800	3100	2800	2800	Barrette CL Cat II 900 m LIH	THR Green TDZ White 900 m	PAPI Left/3.00° (59.0 ft)	2800/30 m 0-1900 m white 1900-2500 m white/red 2500-2800 m red LIH	2800/60 m White Caution zone 600 m yellow LIH	Red	
35	353.35° GEO 349° MAG	553123.07N 0132244.09E GUND 116.4 ft	PCN 80 F/B/X/T	THR 236.3 ft TDZ 237 ft	2800	3100	2800	2800	Barrette CL Cat I 900 m LIH	THR Green	PAPI Left/3.00° (60.4 ft)	2800/30 m 0-1900 m white 1900-2500 m white/red 2500-2800 m red LIH	2800/60 m White Caution zone 600 m yellow LIH	Red	
11	105.31° GEO 101° MAG	553123.34N 0132135.14E GUND 116 ft	PCN 10 F/B/X/T	THR 232 ft	799	799	799	799					Retro- reflectory markings.		
29	285.32° GEO 281° MAG	553116.51N 0132219.11E GUND 116 ft	PCN 10 F/B/X/T	THR 228 ft	799	799	799	799					Retro- reflectory markings.		

VISUAL APPROACH CHART - ICAO 1:250000 	AD ELEV 237 FEET ELEV and ALT in ft HGT in ft above AD ELEV TA 5000 AMSL	STURUP TOWER 118.805 121.705 STURUP ATIS 129.280	AD 2 ESMS 6-1 MALMÖ SWEDEN
--	---	---	---



Communication failure

Aircraft outside CTR having received no clearance should land at an aerodrome outside CTR and obtain clearance by telephone for further flight to MALMÖ.

If no suitable aerodrome is within reach;

1. SQUAWK 7600
2. Enter CTR via DOMEN or SLIMMINGE to holding EAST at or below 1500 ft AMSL. Transmit blind your intentions.
3. Flash LDG-lights and watch for optical signals from signaling lamp, from the camera installation placed on top of the remote tower (position marked R-TWR on AD Chart) or from local tower.

RWY NR	THR ELEV	PAPI (MEHT)
17	208.8 ft	Left/3.00° (59 ft)
35	236.3 ft	Left/3.00° (60 ft)
11	232 ft	NIL
29	228 ft	NIL

Entry / exit point

DOMEN	553429N 0133122E
SLIMMINGE	553014N 0133156E
SVEDALA	552923N 0131407E
TORUP	553412N 0131314E

Holding

- WEST:** Hold west of the eastern shoreline of lake Fjällfotasjön, west of point 553206N 0131939E
- EAST:** Hold east of lake Björkesåkrasjön, east of point 553149N 0132509E

Legend
See GEN 2.3

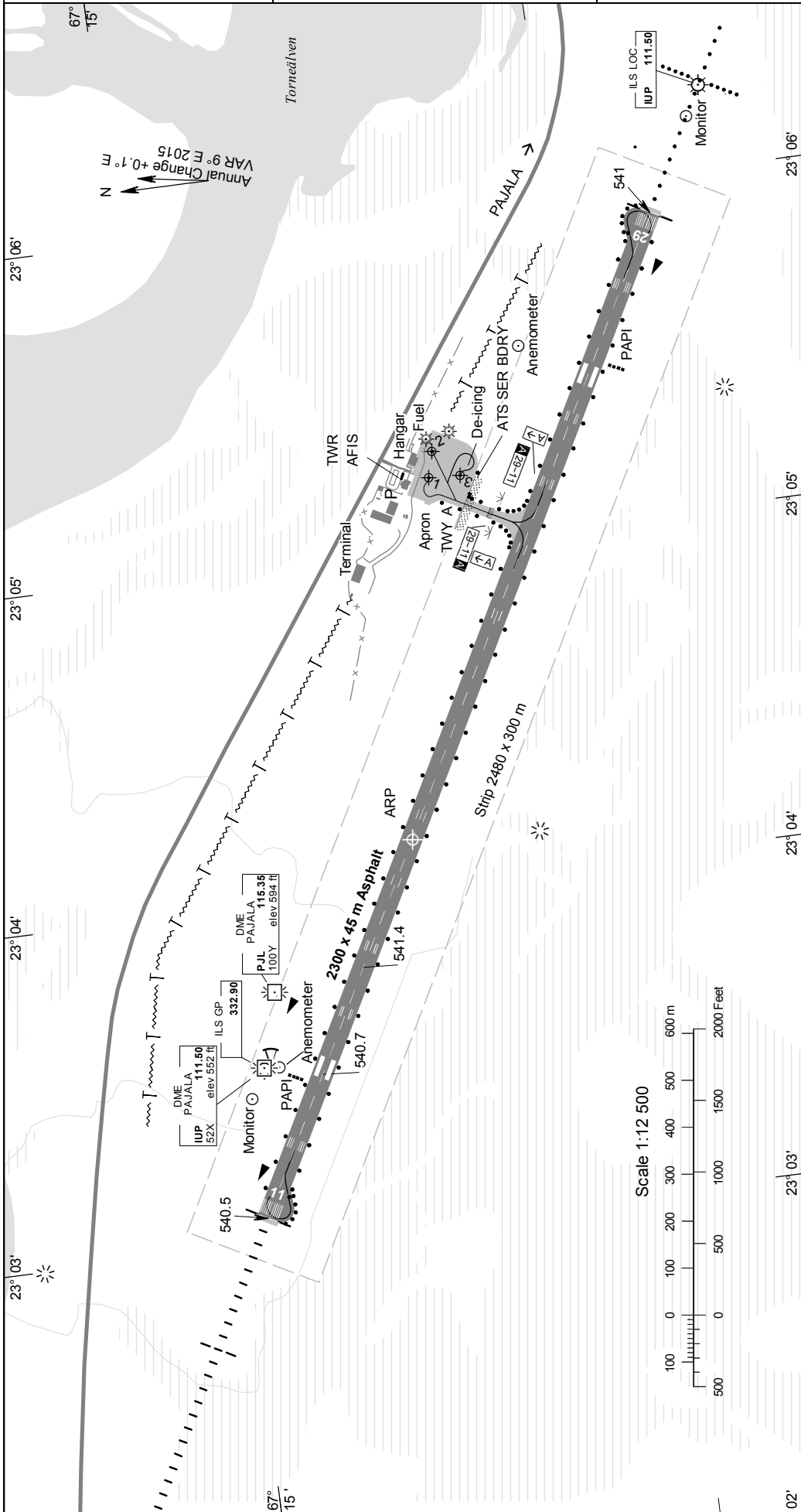
Remark

NIL

LFV

CHANGE: COM FAILURE

AIRAC AMDT 7/2023 **30 NOV 2023**



ARP 671445N 0230408E		AD ELEV 542 FEET	
TWY NR	WIDTH	Surface Bearing Strength	Day marking
A	22 m	ASPH PCN 20 F/B/X/T	Centerline Holding CL HLDG
APRON Surface Bearing strength		Taxiway lighting	
INS Coordinates for Aircraft Stands		Centerline	RGL
NR	COORD	Edge	Stopbar
1	671440.66N 0230511.69E	EDGE	RGL
2	671440.21N 0230516.26E		
3	671438.50N 0230511.30E		

RWY NR	TRUE & MAG BRG	THR PSN Geoid undulation	Bearing Strength	THR ELEV and highest ELEV of TDZ of precision APCH RWY	Declared distances			Approach and runway lighting					
					TORA	TODA	ASDA	LDA	APCH	THR TRID TDZ	VASIS (MEHT)	Edge	End
11	118.19° GEO 109° MAG	671458.29N 0230304.47E GUND 80.8 ft	PCN 20 F/B/X/T	THR 540.5 ft TDZ 541.4 ft	2300	2300	2300	2300	Barrette CL Cat I LIL/LIH	THR Green	PAPI Left(3.00° (50.0 ft))	2300/60 m White Caution zone 600 m yellow LIL/LIH	Red
29	298.23° GEO 289° MAG	671423.19N 0230553.46E GUND 81 ft	PCN 20 F/B/X/T	THR 541 ft	2300	2300	2300	2300	SALS 420 m LIL/LIH	THR Green	PAPI Left(3.00° (50.0 ft))	2300/60 m White Caution zone 600 m yellow LIL/LIH	Red

Reverse side intentionally blank

AD 2 AERODROMES**ESNS 2.1 AERODROME LOCATION INDICATOR AND NAME****ESNS – SKELLEFTEÅ****ESNS 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1.	ARP coordinates and site at AD	643729N 0210437E RWY 1055 m inwards THR 10
2.	Direction and distance from (city)	SE 8 NM from Skellefteå
3.	Elevation/Reference temperature	158 ft/+17.0°C
4.	Geoid undulation at AD ELEV PSN	71 ft
5.	MAG VAR/Annual change	10° E 2025/+0.2 increasing
6.	Administration, address, telephone, fax, AFS	Skellefteå City Airport SE-931 32 Skellefteå TEL: +46 (0)910 576 00 E-mail: info@skellefteaairport.se AFS: ESNSZTZX Website: skellefteaairport.se
7.	Types of traffic permitted (IFR/VFR)	IFR/VFR. Max RWY ref code 4E
8.	Remarks	PPR: See ESNS 2.20

ESNS 2.3 OPERATIONAL HOURS

1.	AD Administration AD Operating hours	MON-FRI 0700-1500 (0600-1400) Ref AIP SUP/NOTAM
2.	Customs and immigration	O/R TEL +46 (0)90 18 55 25
3.	Health and sanitation	-
4.	AIS Briefing Office	FPC H24, +46 (0)8 797 63 40, www.lfv.se/fpc
5.	ATS Reporting Office (ARO)	As ATS
6.	MET Briefing Office	FPC H24, +46 (0)8 797 63 40, www.lfv.se/fpc
7.	ATS	Ref AIP SUP/NOTAM
8.	Fuelling	As ATS
9.	Handling	As ATS 1 HR PN
10.	Security	As ATS 1 HR PN
11.	De-icing	As ATS Avbl for SKED TFC, others on request 1 HR PN
12.	Remarks	Increased charges outside TWR HR of OPS

ESNS 2.4 HANDLING SERVICES AND FACILITIES

- | | | |
|----|--|---|
| 1. | Cargo-handling facilities | - |
| 2. | Fuel/oil types | Fuel Jet A1, 100LL
Oil - |
| 3. | Fuelling facilities/discharge capacity | Jet A1: 170,000 l, Hydrant and fuel truck
100LL: 10,000 l, Hydrant |
| 4. | De-icing facilities | Available, Type I and II, mobile unit |
| 5. | Hangar space for visiting ACFT | - |
| 6. | Repair facilities for visiting ACFT | - |
| 7. | Remarks | Fuel supplier Air BP |

ESNS 2.5 PASSENGER FACILITIES

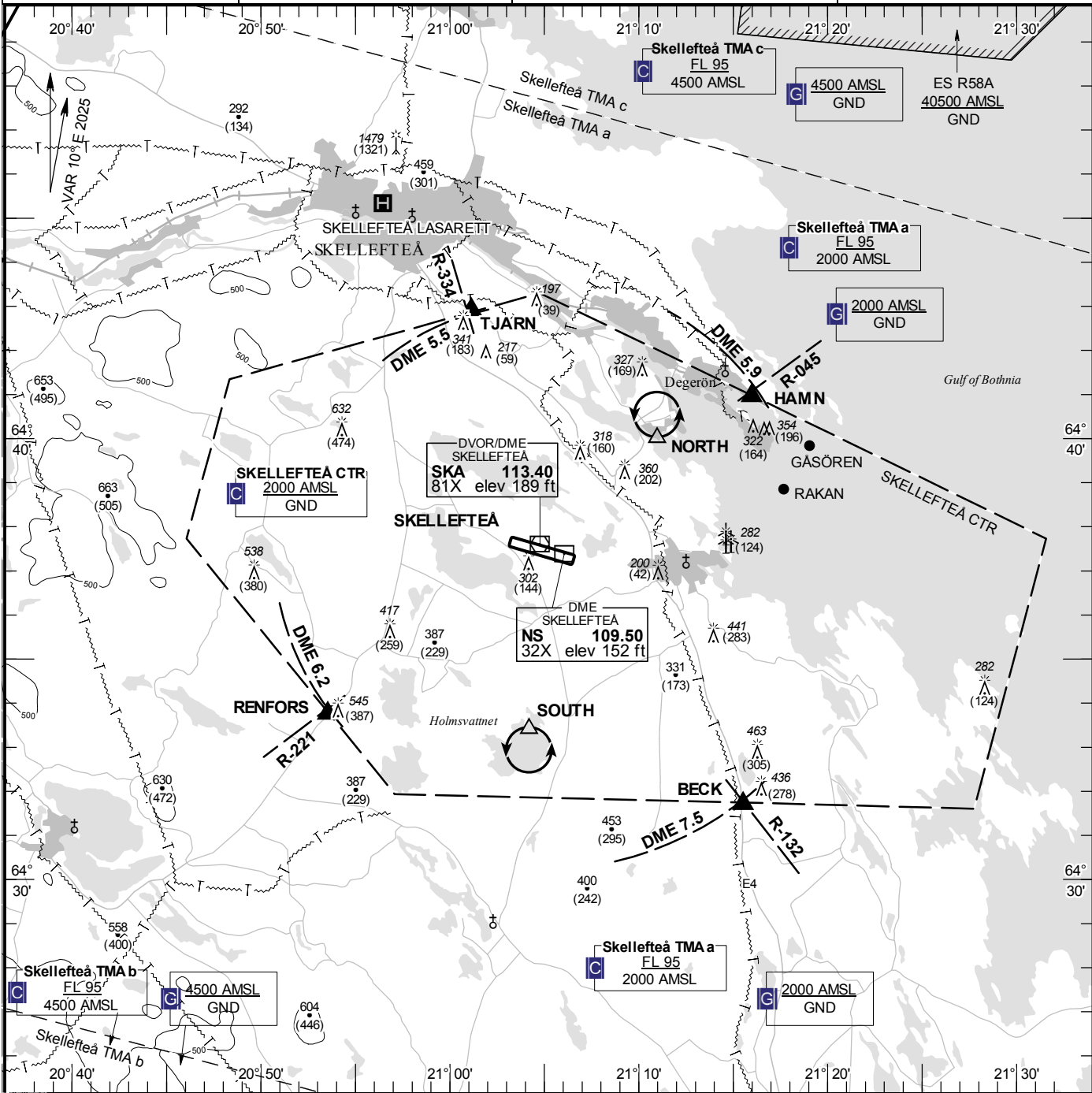
- | | | |
|----|----------------------|----------------------|
| 1. | Hotels | In Skellefteå |
| 2. | Restaurants | At AD (office hours) |
| 3. | Transportation | Buses, taxis |
| 4. | Medical facilities | In Skellefteå |
| 5. | Bank and Post Office | In Skellefteå |
| 6. | Tourist Office | In Skellefteå |
| 7. | Remarks | - |

ESNS 2.6 RESCUE AND FIRE FIGHTING SERVICES

- | | | |
|----|---|--|
| 1. | AD category for fire fighting | CAT 7 for commercial traffic and CAT 9 O/R. Other traffic 8 min PN |
| 2. | Rescue equipment | Tracked vehicle |
| 3. | Capability for removal of disabled aircraft | By arrangement depending on type of aircraft.
Contact: Dutyofficer TEL +46(0)910 576 25 |
| 4. | Remarks | - |

ESNS 2.7 SEASONAL AVAILABILITY – CLEARING

- | | | |
|----|-----------------------------|---|
| 1. | Types of clearing equipment | Blowers, sweepers, slingers |
| 2. | Clearance priorities | RWY, TWY, Apron |
| 3. | Remarks | RWY de-iced with KFOR/UREA/SAND
TWY de-iced with KFOR/UREA/SAND
Apron de-iced with KFOR/UREA/SAND |



Communication failure

- 1 SQUAWK 7600
- 2 Enter CTR via TJARN/HAMN – Holding NORTH at or below 1000 ft AMSL to traffic circuit. Transmit blind your intentions.
- 3 Flash LDG-lights and watch TWR for optical signals.

RWY NR	THR ELEV	PAPI (MEHT)
10	158 ft	Left/3.00° (56 ft)
28	122.3 ft	Left/3.00° (56 ft)

Entry / exit point

TJARN	644254N 0210108E
HAMN	644057N 0211559E
BECK	643142N 0211531E
RENFORS	643345N 0205332E

Remark
NIL

Legend
See GEN 2.3

Holding

- NORTH:** Hold above Degerön, north of point 644000N 0211057E
- SOUTH:** Hold above Holmsvatnet, south of point 643324N 0210411E

AD 2 AERODROMES**ESSA 2.1 AERODROME LOCATION INDICATOR AND NAME****ESSA – STOCKHOLM/ARLANDA****ESSA 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

- | | | |
|----|--|---|
| 1. | ARP coordinates and site at AD | 593907N 0175507E 010.5° GEO 1650 m from THR 01L |
| 2. | Direction and distance from (city) | N 20 NM from Stockholm |
| 3. | Elevation/Reference temperature | 138 ft/+23.8°C |
| 4. | Geoid undulation at AD ELEV PSN | 75 ft |
| 5. | MAG VAR/Annual change | 6° E 2020/+0.2 increasing |
| 6. | Administration, address, telephone, fax, AFS | Swedavia AB
Flygvägen 1
SE-190 45 Stockholm/Arlanda
TEL: +46 (0)10 109 10 00
FAX: +46 (0)10 109 05 00
E-mail: info.arlanda@swedavia.se
AFS: ESSAZTZX
Website: www.swedavia.se/arlanda/ |
| 7. | Types of traffic permitted (IFR/VFR) | IFR/VFR. Max RWY ref code 4E, all runways |
| 8. | Remarks | PPR for all VFR traffic TEL +46 (0)8 585 544 50 |

ESSA 2.3 OPERATIONAL HOURS

- | | | |
|-----|---|---|
| 1. | AD Administration
AD Operating hours | MON-FRI 0700-1530 (0600-1430)
H24 |
| 2. | Customs and immigration | H24 Direct transit area |
| 3. | Health and sanitation | H24, Designated quarantine AD |
| 4. | AIS Briefing Office | FPC H24, +46 (0)8 797 63 40, www.lfv.se/fpc |
| 5. | ATS Reporting Office (ARO) | H24 |
| 6. | MET Briefing Office | FPC H24, +46 (0)8 797 63 40, www.lfv.se/fpc |
| 7. | ATS | H24 |
| 8. | Fuelling | H24 |
| 9. | Handling | H24 |
| 10. | Security | H24 |
| 11. | De-icing | H24 |
| 12. | Remarks | Marshalling available H24. No marshall service on apron H, J and L. |

ESSA 2.4 HANDLING SERVICES AND FACILITIES

- | | | |
|----|--|--|
| 1. | Cargo-handling facilities | All types |
| 2. | Fuel/oil types | Fuel Jet A1
Oil - |
| 3. | Fuelling facilities/discharge capacity | Jet A1: No limitations, hydrant fuelling
Fueltrucks on apron G, J, K, M, S and on Terminal 3 north side |
| 4. | De-icing facilities | Type I and II, mobile units |
| 5. | Hangar space for visiting ACFT | Limited |

- | | | |
|----|-------------------------------------|---|
| 6. | Repair facilities for visiting ACFT | Available for various types of aircraft |
| 7. | Remarks | For payment of fuel contact Shell, BP or World Fuel Service |

ESSA 2.5 PASSENGER FACILITIES

- | | | |
|----|----------------------|---|
| 1. | Hotels | At AD and in nearby cities/towns |
| 2. | Restaurants | At AD, several |
| 3. | Transportation | Train, buses, taxis, rental cars |
| 4. | Medical facilities | At AD, hospitals in nearby cities/towns |
| 5. | Bank and Post Office | At AD |
| 6. | Tourist Office | At AD |
| 7. | Remarks | - |

ESSA 2.6 RESCUE AND FIRE FIGHTING SERVICES

- | | | |
|----|---|--|
| 1. | AD category for fire fighting | CAT 10, 2 fire fighting stations |
| 2. | Rescue equipment | Tracked vehicle, decontamination vehicle, airport medical assistance, lift bags, rescue boat and rescue rafts. |
| 3. | Capability for removal of disabled aircraft | By arrangement
On-the-scene commander H24, APOC Supervisor +46 (0)10 109 13 00 |
| 4. | Remarks | - |

ESSA 2.7 SEASONAL AVAILABILITY – CLEARING

- | | | |
|----|-----------------------------|--|
| 1. | Types of clearing equipment | Blowers, sweepers, snowploughs, slingers, spreaders |
| 2. | Clearance priorities | RWY, TWY, Apron, roads |
| 3. | Remarks | All RWYs de-iced with KFOR/NAFO
All TWYs and aprons de-iced with KFOR/NAFO/SAND |

ESSA 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

- | | | |
|----|----------------------------|---|
| 1. | Apron surface and strength | Apron D ASPH PCN 90 F/B/X/T
Apron E ASPH PCN 72 F/A/W/T
Apron F ASPH PCN 76 F/A/W/T
Apron G CONC PCN 68 R/A/W/T
Apron H ASPH PCN 61 F/A/X/T
Apron J ASPH PCN 69 F/A/W/T
Apron K ASPH PCN 46 F/A/X/T
Apron L ASPH PCN 41 F/A/X/T
Apron M ASPH PCN 105 F/A/X/T
Apron R ASPH PCN 87 F/A/X/T
Apron AB ASPH PCN 62 F/A/W/T
Apron BC ASPH PCN 79 F/A/W/T
Apron CD ASPH PCN 102 F/A/W/T
Apron FA ASPH PCN 102 F/A/X/T
Apron S North part ASPH PCN 48 F/A/W/T
Apron S South part ASPH PCN 41 F/A/X/T |
|----|----------------------------|---|

ESSA 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
01L	3301	3301	3301	3301	-
19R	3301	3301	3301	3301	-
01R	2500	2500	2500	2500	-
19L	2500	2500	2500	2500	-
08	2500	2800	2500	2500	-
26	2500	2500	2500	2500	-

DECLARED DISTANCES TAKE-OFF INTERSECTIONS

RWY Designator	INTERSECTION	TORA (m)	TODA (m)	ASDA (m)	Remarks	
1		2	3	4	5	6
01L	TWY Y2	2512	2512	2512	-	-
01L	TWY Y3	2276	2276	2276	-	-
19R	TWY Y9	2514	2514	2514	-	-
19R	TWY Y8	2288	2288	2288	-	-
01R	TWY W3	2147	2147	2147	-	-
19L	TWY W6	2147	2147	2147	-	-
08	TWY X3	1879	2179	1879	-	-

ESSA 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT Type, LEN INTST	THR LGT Colour WBAR	VASIS (MEHT)	TDZ LGT LEN	RWY Centre Line LGT LEN, Spacing Colour INTST	RWY Edge LGT LEN, Spacing Colour INTST	RWY End LGT Colour WBAR	SWY LGT LEN, Colour
1	2	3	4	5	6	7	8	9
01L	Barrette CL CAT II/III 900 m LIH	Green	PAPI Left/3.00° (61.4 ft)	900 m	3301/15 m 0-2400 m white, 2400-3000 m white/red, 3000-3301 m red. LIH	3301/60 m White Caution zone 600 m yellow LIH	Red	-
19R	Calvert CAT I 900 m LIH	Green	PAPI Left/3.00° (56.4 ft)	-	3301/15 m 0-2400 m white, 2400-3000 m white/red, 3000-3301 m red. LIH	3301/60 m White Caution zone 600 m yellow LIH	Red	-
01R	Barrette CL CAT II/III 900 m LIH	Green WBAR	PAPI Right/3.00° (57.3 ft)	900 m	2500/15 m 0-1600 m white 1600-2200 m white/red 2200-2500 m red LIH	2500/60 m White Caution zone 600 m yellow LIH	Red	-
19L	Barrette CL CAT II/III 900 m LIH	Green WBAR	PAPI Left/3.00° (57.3 ft)	900 m	2500/15 m 0-1600 m white 1600-2200 m white/red 2200-2500 m red LIH	2500/60 m White Caution zone 600 m yellow LIH	Red	-
08	Barrette CL CAT I 600 m LIH	Green	PAPI Left/3.00° (56.4 ft)	-	2500/30 m 0-1600 m white, 1600-2200 m white/red, 2200-2500 m red. LIH	2500/60 m White Caution zone 600 m yellow LIH	Red	-
26	Calvert CAT I 900 m LIH	Green	PAPI Left/3.00° (60.0 ft)	-	2500/30 m 0-1600 m white 1600-2200 m white/red, 2200-2500 m red, LIH	2500/60 m White Caution zone 600 m yellow LIH	Red	-

10 Remarks: RWY 01L: All lights LED except PAPI
RWY 19R: All lights LED except ALS and PAPI
RWY 01R: All lights LED except PAPI
RWY 19L: All lights LED except PAPI
RWY 08: All lights LED except PAPI
RWY 26: All lights LED except PAPI

1.2 Markttjänst

Anlitande av markttjänstbolag alternativt lokalt avtal om egenhantering är obligatoriskt för alla flygningar till och från STOCKHOLM/Arlanda. Undantaget är ambulansflyg och statsluftfartyg.

Operatörer skall försäkra sig om att arrangemang med markttjänstbolag alternativt avtal om egenhantering finns före ankomst och avgång. För ytterligare information om markttjänst och egenhantering se under "Flygmarknad" på www.swedavia.se/om-swedavia

2. Föreskrifter vid taxning

2.1 Mod S transponder

STOCKHOLM/Arlanda flygplats är försedd med en avancerad markrörelseradar som kommunicerar med luftfartyg och fordons Mode S transponder för att erhålla dess positionsangivelse samt tilldelad identifieringskod. Operatören av luftfartyg ska säkerställa att Mode S transpondern kan operera när luftfartyget är på marken.

Flygbesättningen skall;

från begäran av push back eller taxning, det som inträffar först, samt efter landning, kontinuerligt tills luftfartyget parkerat på avsedd uppställningsplats:

- Välja AUTO läge på transpondern samt den angivna Mode A koden.
Om AUTO läge inte finns tillgängligt ska XPNDR eller motsvarande väljas beroende på installerad utrustning, samt den angivna Mode A koden.
- Ställa in luftfartygets identifikation om luftfartyget är utrustat med Mode S transponder. Luftfartygets identifikation ska tas från punkt 7 i ICAO ATC Flight Plan.

Vid taxning med luftfartyg mellan uppställningsplatser ska Mode S vara aktiverat med kod 2000.

2.2 Procedurer vid taxning

Luftfartyg får inte taxa på manöverområdet utan klaring från flygtrafikledningen och skall följa de instruktioner som ges av dem.

Förutom då flygtrafikledningen gett annan instruktion ska taxningsvägar enligt GROUND MOVEMENT CHART ARRIVAL/DEPARTURE tillämpas.

2.2.1 Ankomst

Intaxande luftfartyg som lämnar rullbanan ska inte använda avfarter där svängvinkeln överstiger 90 grader.

2.2.2 Avgång

2.2.2.1 Avgående klaring

Avgående klaring kan begäras via data-länk (DCL) (SITA/AIRINC) eller via RTF från EOBT -25 minuter till EOBT + 10 minuter.

Vid begäran skall följande anges:

- Flygplans typ
- Uppställningsplats
- Senast mottagen ATIS-identifikation och QNH

1.2 Ground Handling

All flights to and from STOCKHOLM/Arlanda are subject to mandatory handling or self-handling agreements. Exceptions apply for hospital flights and state aircrafts.

Operators shall assure arrangements with ground handling agent or possess a self-handling agreement prior to arrival and departure. For further information about handling services or self-handling agreements visit "Aviation business" at www.swedavia.com/about-swedavia

2. Taxi regulations

2.1 Mode S transponder

STOCKHOLM/Arlanda aerodrome is equipped with an advanced surface movement radar communicating with aircrafts and vehicles Mode S transponders to obtain their position and identification code. Aircraft operators should ensure that Mode S transponder are able to operate when the aircraft is on the ground.

Flight crew shall;

from the request for push back or taxi whichever is earlier, and after landing, continuously until the aircraft is fully parked on stand:

- Select AUTO mode and the assigned Mode A code. If AUTO mode is not available, the pilots shall select XPNDR or the equivalent depending on installed equipment, and the assigned Mode A code.
- Set the aircraft identification if the aircraft is equipped with Mode S transponder. The aircraft identification to be used is specified in Item 7 of the ICAO ATC Flight plan.

Aircraft taxiing between stands shall activate Mode S and code 2000.

2.2 Taxi Procedures

Aircraft shall not taxi on the maneuvering area without clearance from Air Traffic Control and shall comply with any instructions given by that unit.

Unless otherwise instructed from Air Traffic Control, taxi routes on GROUND MOVEMENT CHART ARRIVAL/DEPARTURE applies.

2.2.1 Arrival

Arriving aircraft shall not leave RWY via exit TWY with turn exceeding 90 degrees.

2.2.2 Departure

2.2.2.1 Departure clearance

Departure clearance may be requested by data-link (DCL) (SITA/AIRINC) or by RTF from EOBT -25 minutes until EOBT +10 minutes.

At request state:

- Type of aircraft
- Stand position
- Latest received ATIS id-letter and QNH

Begäran om annan bana än bana i användning medges endast av prestandaskäl. Vid begäran om avgående klarering via DCL lägg till; "REQ [RWY]" i RMK-fältet i RCD.

Luffartyg som inte kan följa RNAV SID ska, när begäran sker via DCL, lägga till; "REQ URNAV" i RMK-fältet i RCD.

Följande procedur gäller för klarering via DCL:

- Sänd begäran om klarering (RCD).
- Svartsmeddelande (FSM) sänds automatiskt.
 - Om RCD accepteras; avgående ATC klarering (CLD)
 - Om RCD avslås; övergå till RTF.
- Kvittera avgående ATC klarering med återläsning (CDA) inom 5 minuter.
- Korrekt återläsning kvitteras med ett FSM.

När DCL-tjänsten används ska passning ske på kanal 121.830, Clearance Delivery.

Flygbesättning ska verifiera att SID och bana inmatad i FMS överensstämmer med avgående klarering. Vid tveksamheter eller vid problem med DCL-tjänsten ska övergång till RTF ske.

Avgående ATC klarering utfärdad via RTF överrider alltid avgående ATC klarering utfärdad via DCL.

2.2.2.2 Start-up/Push-back/Taxi

Tillstånd för start-up/push-back/taxi ska inhämtas från "GROUND". Begäran om tillstånd för detta ska innehålla uppställningsplats och endast göras när luffartyget är redo att följa ett tillstånd.

Fastställda push-backrutiner publicerade i Airport Regulations ska följas där push-back är obligatorisk.

Tillstånd för push-back inkluderar även start av motorer under push-back.

Om push-back inte har startats inom en minut från tillståndsgivandet, cancelleras tillståndet automatiskt och ett nytt tillstånd måste inhämtas.

2.2.2.2.1 Airport Collaborative Decision Making (A-CDM)

Target Off Block Time (TOBT)

1. TOBT måste uppdateras med en precision på +/- 5 minuter.
2. TOBT ska uppdateras via vanliga rutiner t.ex. standard IATA (ETD) estimerat avgångsmeddelande.
3. TOBT ska endast uppdateras vid förändring på 5 minuter eller mer.
4. Vid en försening på 15 minuter eller mer, måste ett DLA-meddelande skickas av marktjänstföretag eller flygoperatör.

Runway other than in use only permitted due performance. When requesting departure clearance using DCL add; "REQ [RWY]" in RMK-field in RCD.

Aircraft unable to follow RNAV SID shall when using DCL add: "REQ URNAV" in RMK-field in RCD.

The following procedure applies for DCL:

- Send a request for clearance (RCD).
- A flight system message (FSM) will be transmitted automatically;
 - If the RCD is accepted; a pre-departure clearance (CLD) will be issued.
 - If the RCD is rejected; revert to RTF procedures.
- Acknowledge the pre-departure clearance with a read back (CDA) within 5 minutes.
- When the CDA is processed successfully; a positive FSM will be issued.

When using the DCL service, monitor Clearance Delivery channel, 121.830.

Pilots shall verify that SID and runway added into FMS is in accordance with received clearance. In the event of doubts or system related problems, RTF procedures shall be conducted.

A departure clearance issued by RTF always supersedes a clearance transmitted via DCL.

2.2.2.2 Start-up/Push-back/Taxi

Approval for start-up/push-back/taxi must be obtained from "GROUND". Request of such permission shall include stand or position and only be made when aircraft is fully ready to comply.

Established push-back procedures according to Airport Regulations shall be adhered to where push-back is mandatory.

Push-back approval includes permission to start engines during push-back.

If push-back has not been commenced within one minute from approval, the push-back permission will automatically expire and a push-back permission must be requested again.

2.2.2.2.1 Airport Collaborative Decision Making (A-CDM)

Target Off Block Time (TOBT)

1. TOBT must be updated and accurate to within +/- 5 minutes.
2. TOBT shall be updated through the usual channels, e.g. standard IATA (ETD) estimated departure message.
3. Only updates 5 minutes or more should be sent.
4. For a delay of 15 minutes or more, a DLA message must be sent by the ground handling company or airline operator.

ESSB 2.24 TILLHÖRANDE KARTOR**RELATED CHARTS**

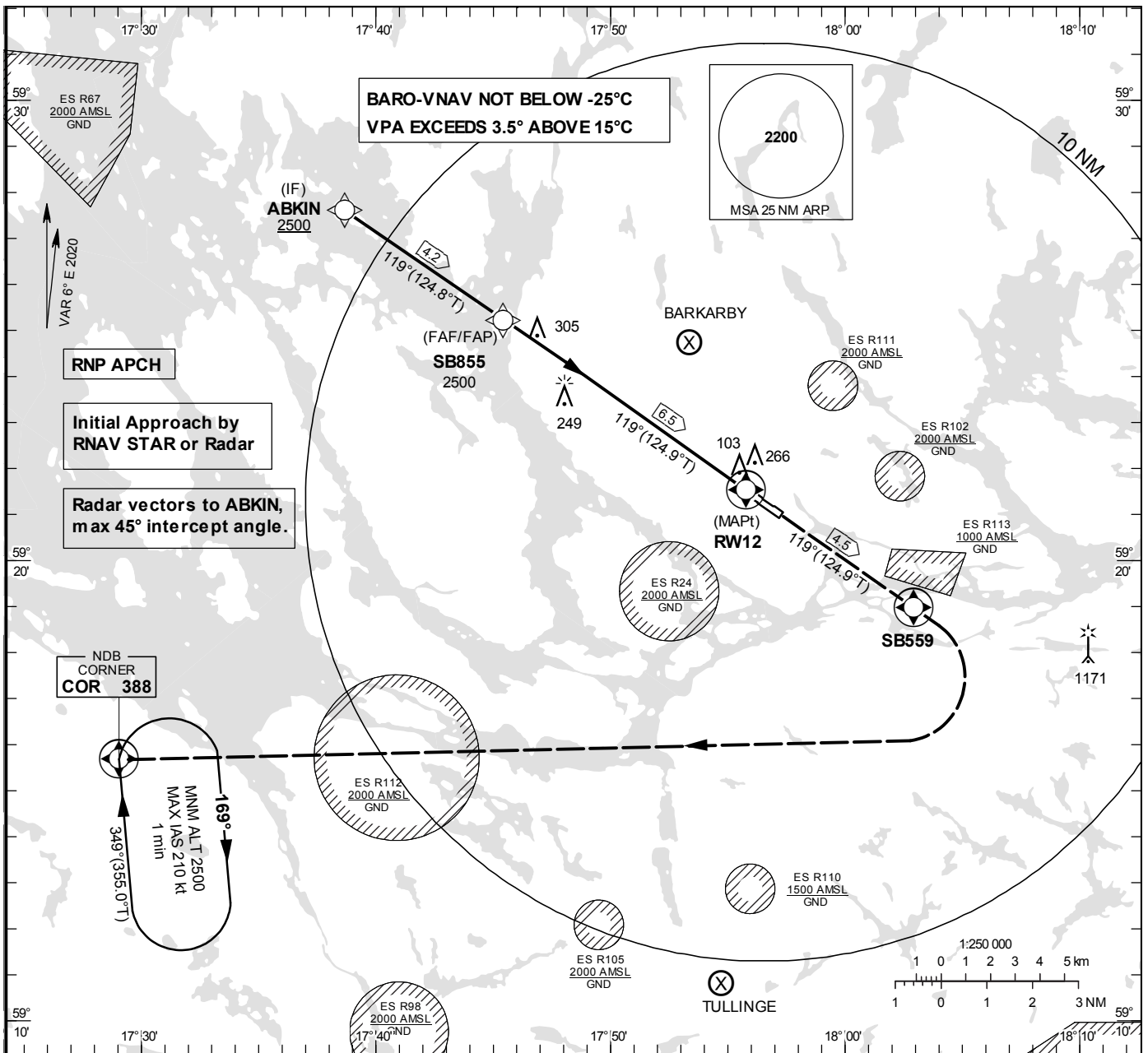
AD chart		ESSB 2-1
Parking chart		ESSB 2-3
AOC	RWY 12/30	ESSB-3-1
Area chart		See ESSA 4-1
Holding procedures		See ESSA 4-2
List of waypoints and significant points		ESSB 4-3
RNAV (GNSS) SID	RWY 12	ESSB 4-5
RNAV (GNSS) SID	RWY 30	ESSB 4-9
RNAV (GNSS) STAR	RWY 12	ESSB 4-13
RNAV (GNSS) STAR	RWY 30	ESSB 4-17
ATC Surveillance Minimum ALT chart		See ESSA 4-91
IAC	ILS or LOC RWY 12	ESSB 5-1
IAC	ILS or LOC RWY 30	ESSB 5-2
IAC	RNP RWY 12	ESSB 5-3
IAC	RNP RWY 30	ESSB 5-7
VAC		ESSB 6-1
Helicopter VFR holdings and landing chart		ESSB-6-2
VFR procedures	RWY 12	ESSB 6-3
VFR procedures	RWY 30	ESSB 6-4

INSTRUMENT APPROACH CHART – ICAO

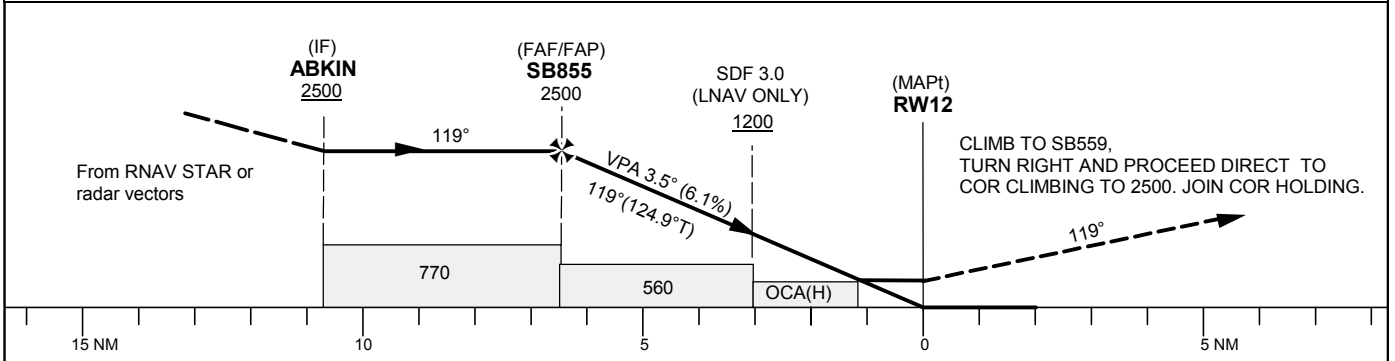
THR ELEV 46.5 ft, AD ELEV 47 ft
 OCH are related to THR.
 BRG are MAG (True).
 ALT, HGT and ELEV in ft.

BROMMA TOWER	118.105
STOCKHOLM APPROACH	120.155
BROMMA ATIS	122.455

RNP RWY 12
EGNOS Ch 92008 E 12A



TA 5000 ft AMSL RDH 50.0 ft



Cat of ACFT	OCA (H)			Final Approach	Distance FAF-MAPt 6.5 NM					
	A	B	C		NM	6	5	4	3	2
LPV	225 (179)	232 (186)	244 (198)	Dist to RW12	ft	2326	1955	1583	1211	840
RNAV/VNAV	414 (368)	425 (379)	436 (390)	GS	kt	80	100	120	140	160
RNAV		530 (490)		Rate of descent	ft/min	495	620	745	865	990

RNP RWY 12

Path Desc	Waypoint Identifier	Fly-over	Course °M(°T)	Dist (NM)	Turn Dir	Altitude	Speed	VPA/RDH	Rec Navaid	Navigation Specification
IF	ABKIN	-	-	-	-	+2500	-	-	-	RNP APCH
TF	SB855	-	119°(124.8°)	4.2	-	@2500	-	-	-	RNP APCH
TF	RW12	Y	119°(124.9°)	6.5	-	@97	-	-3.5/50	-	RNP APCH
TF	SB559	Y	119°(124.9°)	4.5	-	-	-	-	-	RNP APCH
DF	COR	Y	-	-	R	-	-	-	-	RNP APCH
HM	COR	-	349°(355.0°)	-	R	+2500	-210	-	-	RNAV 1

FAS Data Block

RNP RWY 12

Input data

Operation Type	0
SBAS Provider	1 (EGNOS)
Airport Identifier	ESSB
Runway	12
Runway Letter	0 (None)
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E12A
LTP/FTP Latitude	592131.2100N
LTP/FTP Longitude	0175546.7200E
LTP/FTP Ellipsoidal Height (metres)	37.4
FPAP Latitude	592100.2800N
Delta FPAP Latitude (seconds)	-30.9300
FPAP Longitude	0175713.1700E
Delta FPAP Longitude (seconds)	86.4500
Threshold Crossing Height	50.0
TCH Units Selector	0 (feet)
Glidepath Angle (degrees)	3.50
Course Width (metres)	105.00
Length Offset (metres)	0
HAL (metres)	40.0
VAL (metres)	35.0

Output data

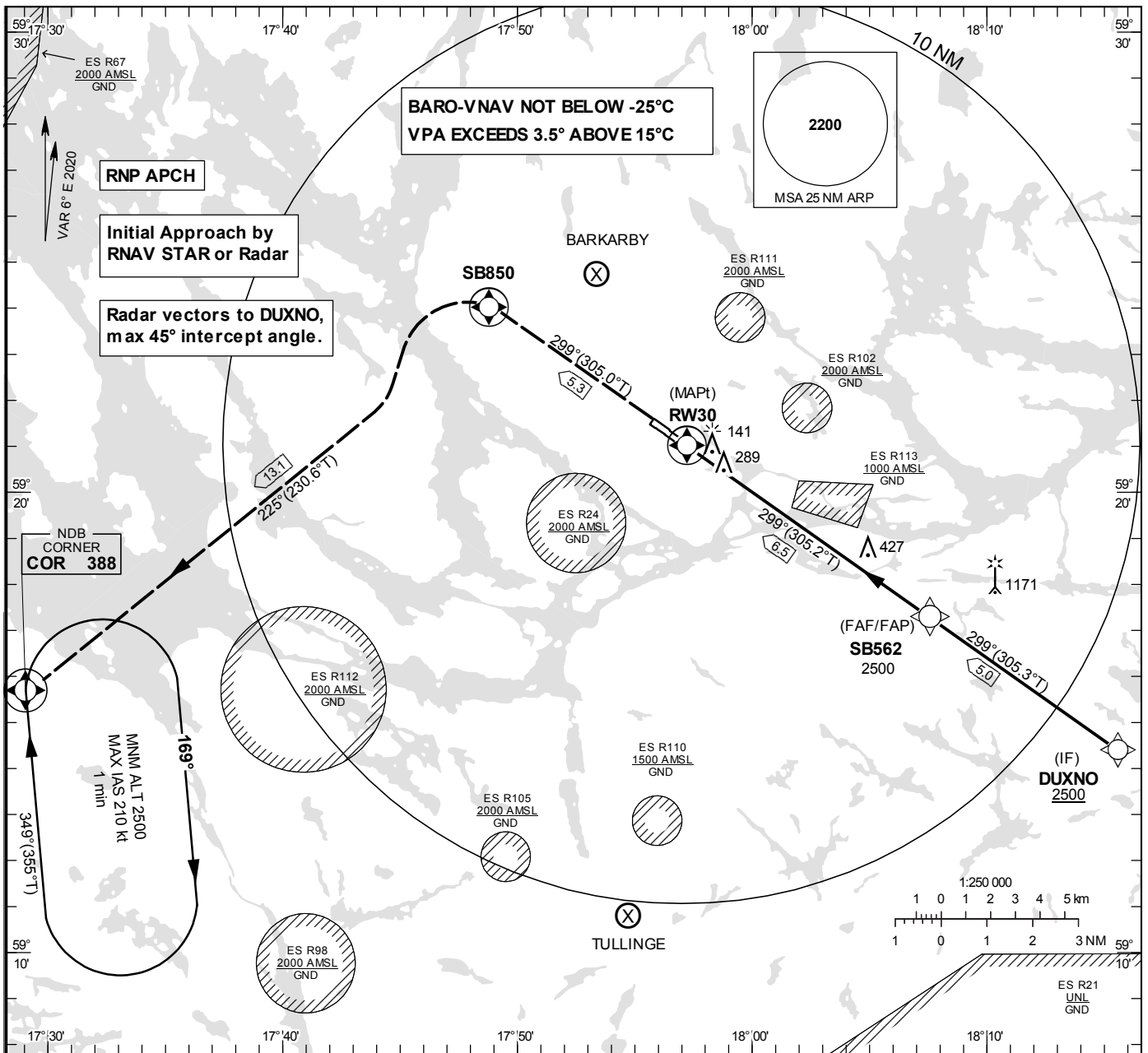
Data Block	10 02 13 13 05 0C 00 00 01 32 31 05 94 56 79 19 40 CF B1 07 76 15 5C 0E FF 64 A3 02 F4 01 5E 01 64 00 C8 AF C7 B4 21 B7
Calculated CRC Value	C7B421B7
Supplied CRC Value	C7B421B7
Comparison Result	OK

INSTRUMENT APPROACH CHART – ICAO

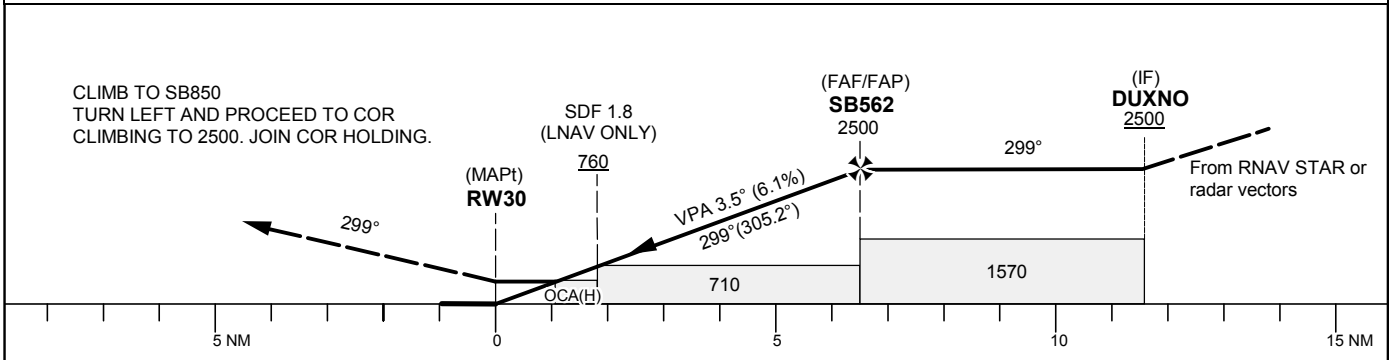
THR ELEV 42.8 ft, AD ELEV 47 ft
OCH are related to THR.
BRG are MAG (True).
ALT, HGT and ELEV in ft.

BROMMA TOWER 118.105
STOCKHOLM APPROACH 120.155
BROMMA ATIS 122.455

RNP RWY 30
EGNOS Ch 43837 E 30A



TA 5000 ft AMSL RDH 50.0 ft



Cat of ACFT	OCA (H)			Final Approach	Distance FAF-MAPt 6.5 NM					
	A	B	C	Dist to RW30	NM	2	3	4	5	6
LPV	218 (175)	226 (183)	237 (194)	ALT	ft	836	1208	1579	1951	2323
LNAV/VNAV	460 (417)	473 (430)	486 (443)	GS	kt	80	100	120	140	160
LNAV	570 (530)			Rate of descent	ft/min	495	620	745	865	990

RNP RWY 30

Path Desc	Waypoint Identifier	Fly-over	Course °M(°T)	Dist (NM)	Turn Dir	Altitude	Speed	VPA/RDH	Rec Navaid	Navigation Specification
IF	DUXNO	-	-	-	-	+2500	-	-	-	RNP APCH
TF	SB562	-	299°(305.3°)	5.0	-	@2500	-	-	-	RNP APCH
TF	RW30	Y	299°(305.2°)	6.5	-	@93	-	-3.50/50	-	RNP APCH
TF	SB850	Y	299°(305.0°)	5.3	-	-	-	-	-	RNP APCH
TF	COR	Y	225°(230.6°)	13.1	L	-	-	-	-	RNP APCH
HM	COR	-	349°(355.0°)	-	R	+2500	-210	-	-	RNAV 1

FAS Data Block

RNP RWY 30

Input data

Operation Type	0
SBAS Provider	1 (EGNOS)
Airport Identifier	ESSB
Runway	30
Runway Letter	0 (None)
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E30A
LTP/FTP Latitude	592100.2800N
LTP/FTP Longitude	0175713.1700E
LTP/FTP Ellipsoidal Height (metres)	36.2
FPAP Latitude	592137.4615N
Delta FPAP Latitude (seconds)	37.1815
FPAP Longitude	0175529.2365E
Delta FPAP Longitude (seconds)	-103.9335
Threshold Crossing Height	50.0
TCH Units Selector	0 (feet)
Glidepath Angle (degrees)	3.50
Course Width (metres)	105.00
Length Offset (metres)	336
HAL (metres)	40.0
VAL (metres)	35.0

Output data

Data Block	10 02 13 13 05 1E 00 00 01 30 33 05 F0 64 78 19 A4 72 B4 07 6A 15 7B 22 01 05 D4 FC F4 01 5E 01 64 2A C8 AF 80 A1 A2 4F
Calculated CRC Value	80A1A24F
Supplied CRC Value	80A1A24F
Comparison Result	OK

ARP 593522N 0163801E

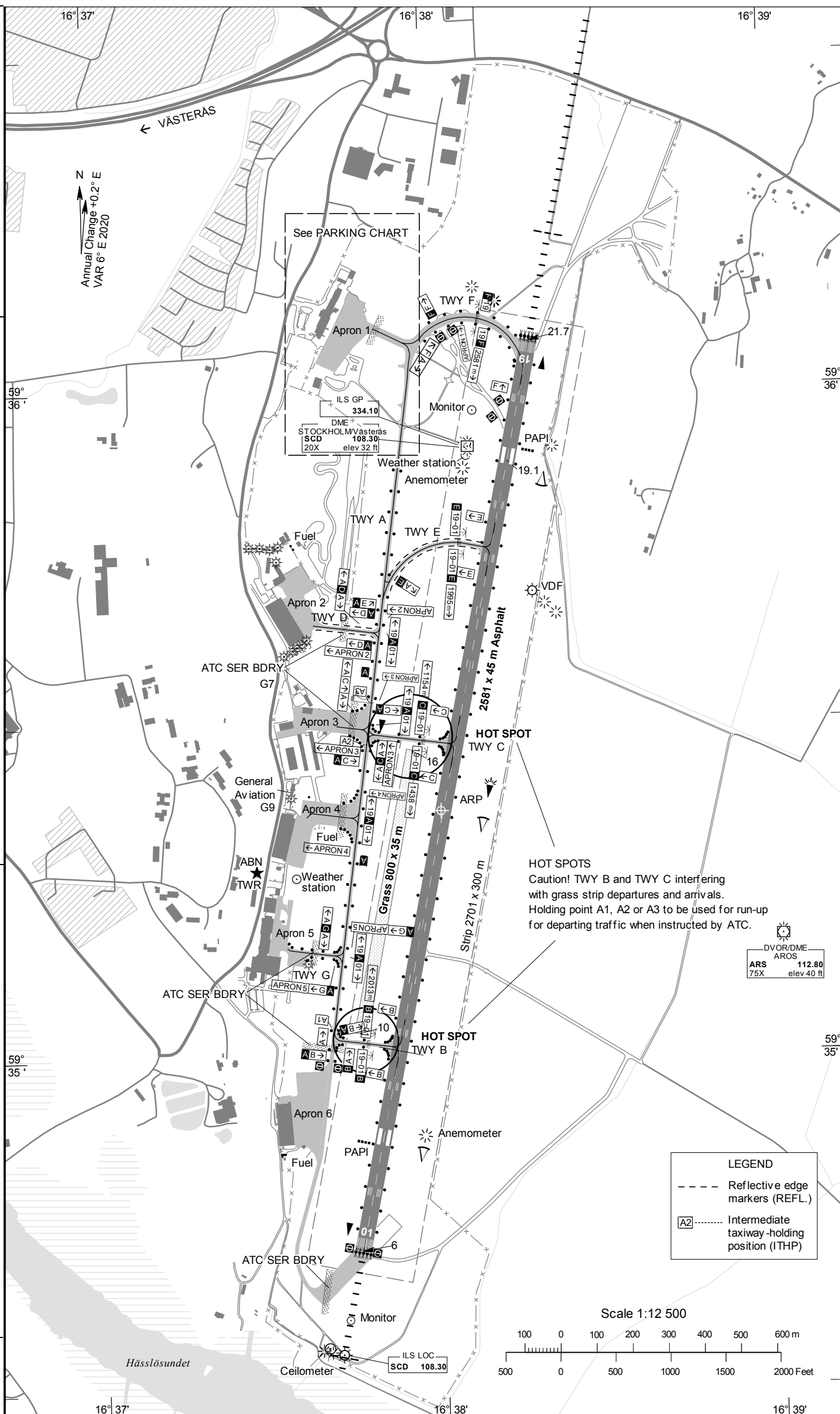
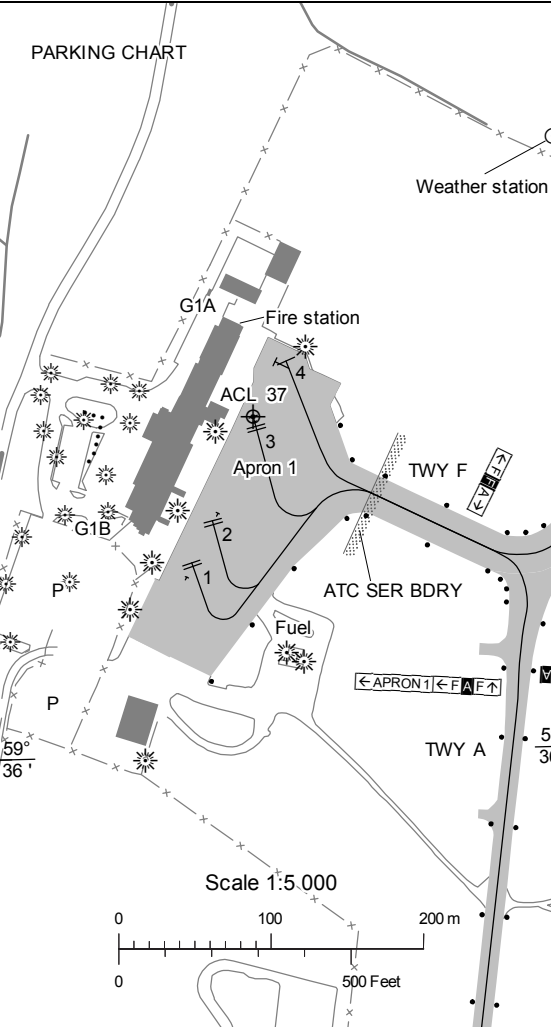
AD ELEV 21 FEET

LEGEND See GEN 2.3

Dimensions in m, ELEV in ft

TWY NR	WIDTH	Surface Bearing strength	Day marking		Taxiway lighting	
			Centerline Holding	Edge Centerline	RGL	Stopbar
A	11 m	ASPH PCN 30 F/C/X/T	CL ITHP	EDGE		
B	11 m	ASPH PCN 30 F/C/X/T	CL HLDG	EDGE	RGL	
C	12 m	ASPH PCN 30 F/C/X/T	CL HLDG	EDGE	RGL	
D	11 m	ASPH PCN 30 F/C/X/T	CL	REFL. B		
E	11 m	ASPH PCN 30 F/C/X/T	CL HLDG	REFL. B	RGL	
F	25 m	ASPH PCN 55 F/C/X/T	CL HLDG	EDGE	RGL	
G	12 m	ASPH PCN 30 F/C/X/T	CL	EDGE		

INS Coordinates for Aircraft Stands			
APRON Surface Bearing strength	NR	COORD	ELEV
1 ASPH PCN 55 F/C/X/T	3	593607.17N 0163746.04E	37
2 ASPH PCN 30 F/C/X/T			
3 ASPH PCN 30 F/C/X/T			
4 ASPH PCN 30 F/C/X/T			
5 ASPH PCN 30 F/C/X/T			
6 ASPH PCN 30 F/C/X/T			



RWY NR	TRUE & MAG BRG	THR PSN Geoid undulation	Bearing strength	THR ELEV and highest ELEV of TDZ of precision APCH RWY	Declared distances				Approach and runway lighting				
					TORA	TODA	ASDA	LDA	APCH	THR TRID TDZ	VASIS (MEHT)	Edge	End
01	011.64° GEO 006° MAG	593442.54N 0163745.30E GUND 84 ft	PCN 55 F/B/X/T	THR 6 ft	2581	2581	2581	2581	Barrette CL SALS 330 m LIH	THR Green	PAPI Left/3.25° (59.0 ft)	2581/60 m White Caution zone 600 m yellow LIH	Red
19	191.65° GEO 186° MAG	593604.23N 0163818.51E GUND 83.7 ft	PCN 55 F/B/X/T	THR 21.7 ft TDZ 21.7 ft	2581	2581	2581	2581	Barrette CL Cat I 900 m LIH	THR Green	PAPI Left/3.00° (50.0 ft)	2581/60 m White Caution zone 600 m yellow LIH	Red

LFLV
CHANGE: THR 01 Grass and THR 19 Grass ELEV. Editorial
AIRAC AMDT 7/2023 30 NOV 2023

AD ELEV 164 FEET
HGT and ALT in ft
TA 5000 AMSL

VISBY TOWER
VISBY APPROACH

120.305
126.155

THIS CHART MAY ONLY BE USED FOR CROSS-CHECKING OF ASSIGNED ALTITUDES WHILST IN RECEIPT OF RADAR SERVICE LEVELS ASSIGNED BY ATC INCLUDE A CORRECTION FOR LOW TEMPERATURE EFFECT

