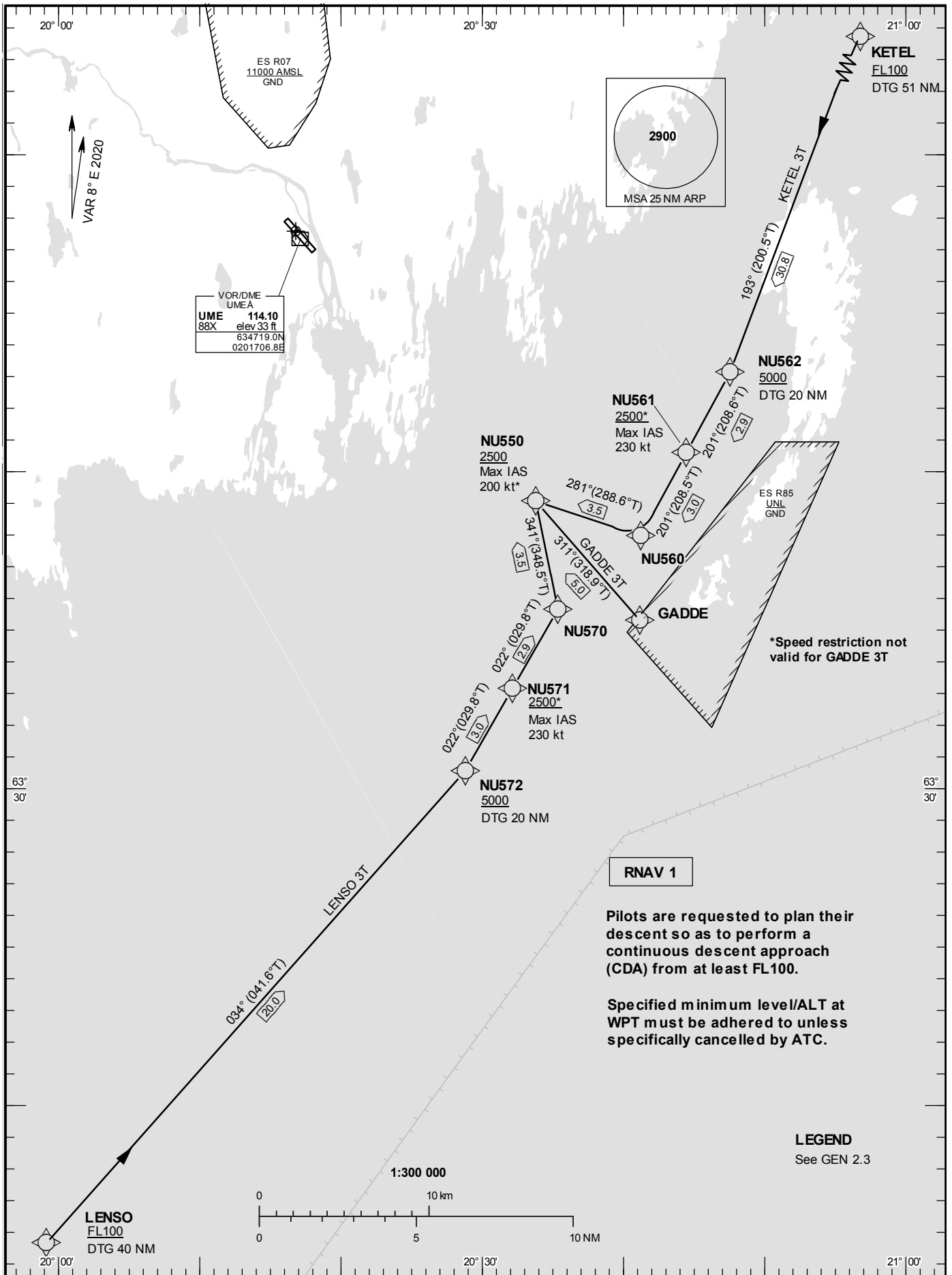


STANDARD INSTRUMENT
ARRIVAL CHART (STAR) -
ICAO

HGT and ALT in ft
BRG are MAG (True)
TA 5000 ft AMSL

UMEÅ TOWER 119.805

RNAV (GNSS) STAR RWY 32



Prescribed Coding of RNAV STARs for RWY 32

REMARK

RNAV 1 required.

In case of radio communication failure, see AD 2.22 para 2.

Pilots are requested to plan their descent so as to perform a continuous descent approach (CDA) from at least FL100.

Operators unable flying RNAV 1 shall inform ATC by using phraseology "UNABLE RNAV STAR". ATC will then provide vectors or issue clearance to a navigation aid in Umeå TMA.

GADDE 3T

Path Term	Waypoint Identifier	Fly-over	Course °M(°T)	Dist (NM)	Turn Dir	Rest Alts (ft AMSL)	Speed Limits (kt)	VPA/RDH (°/ft)	Rec Navaid	Navigation Specification
IF	GADDE	-	-	-	-	-	-	-	-	RNAV 1
TF	NU550	-	311°(318.9°)	5.0	-	+2500	-	-	-	RNAV 1

STAR instruction: GADDE – NU550 (2500 ft or above)

KETEL 3T

Path Term	Waypoint Identifier	Fly-over	Course °M(°T)	Dist (NM)	Turn Dir	Rest Alts (ft AMSL)	Speed Limits (kt)	VPA/RDH (°/ft)	Rec Navaid	Navigation Specification
IF	KETEL	-	-	-	-	+FL100	-	-	-	RNAV 1
TF	NU562	-	193°(200.5°)	30.8	-	+5000	-	-	-	RNAV 1
TF	NU561	-	201°(208.6°)	2.9	-	+2500	-230	-	-	RNAV 1
TF	NU560	-	201°(208.5°)	3.0	-	-	-	-	-	RNAV 1
TF	NU550	-	281°(288.6°)	3.5	-	+2500	-200	-	-	RNAV 1

STAR instruction: KETEL (FL100 or above) – NU562 (5000 ft or above) – NU561 (max IAS 230 kt, 2500 ft or above) – NU560 – NU550 (max IAS 200 kt, 2500 ft or above)

LENSO 3T

Path Term	Waypoint Identifier	Fly-over	Course °M(°T)	Dist (NM)	Turn Dir	Rest Alts (ft AMSL)	Speed Limits (kt)	VPA/RDH (°/ft)	Rec Navaid	Navigation Specification
IF	LENSO	-	-	-	-	+FL100	-	-	-	RNAV 1
TF	NU572	-	034°(041.6°)	20.0	-	+5000	-	-	-	RNAV 1
TF	NU571	-	022°(029.8°)	3.0	-	+2500	-230	-	-	RNAV 1
TF	NU570	-	022°(029.8°)	2.9	-	-	-	-	-	RNAV 1
TF	NU550	-	341°(348.5°)	3.5	-	+2500	-200	-	-	RNAV 1

STAR instruction: LENSO (FL100 or above) – NU572 (5000 ft or above) – NU571 (max IAS 230 kt, 2500 ft or above) – NU570 – NU550 (max IAS 200 kt, 2500 ft or above)