



**Prescribed Coding of RNAV SID (DME/DME or GNSS) for RWY 03**

## REMARK

INITIAL CLIMB CLEARANCE: Climb to 5000 ft unless otherwise specified. Common for all RNAV SIDs.

All RNAV SIDs are based on RNAV 1.

MNM climb gradient due to terrain/obstacles in individual departures below:  
Where no climb gradient is specified 3.3% (200 ft/NM) is assumed.

MNM climb gradient required by ATC: Aircraft proceeding on SID shall use 6.6% (400 ft/NM) as a minimum gradient of climb up to 5000 ft AMSL. Aircraft unable to conform with this procedure shall inform ATC accordingly.

Aircraft from GÖTEBORG/Landvetter shall not be operated at an airspeed of more than 250 kt IAS below FL100 unless otherwise instructed.

When instructed by TWR contact GÖTEBORG APPROACH on frequency indicated adjacent to SID instruction below.

When instructed for line-up, squawk assigned SSR-code.

See AD 2.21 para 1.6 for availability.

RNAV SID SOJWI 1P not for jet traffic.

**DETNA 3M**

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
CF	GG401	Y	022°(026.0°)	1.0	-	-	-	-	LAV	RNAV 1
CA	-	-	022°(026.0°)	-	-	+900	-	-	-	RNAV 1
DF	GG901	-	-	-	L	-	-210	-	-	RNAV 1
TF	GG902	-	279°(283.3°)	3.9	-	-	-	-	-	RNAV 1
TF	DETNA	-	248°(251.9°)	34.2	-	-	-	-	-	RNAV 1

SID instruction: Climb on track 022° to GG401 (MNM 900 ft before turn) – GG901 (max IAS 210 kt until GG901) – GG902 – DETNA (MNM climb gradient 6.4% (390 ft /NM) until GG401). **124.680**

ACFT unable to follow RNAV SID: Report "unable RNAV SID due RNAV type" to Clearance Delivery and "unable RNAV SID" to Göteborg Approach at first contact. Climb on track 022° to LAV DME 2.1 (MNM 900 ft before turn). Turn left to track 296° (max 210 kt IAS until established on 296°). Expect radar vectors to DETNA. (MNM climb gradient 6.4% (390 ft /NM) until LAV DME 2.1).

## LABAN 3M

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
CF	GG402	Y	022°(026.0°)	1.3	-	-	-	-	LAV	RNAV 1
CA	-	-	022°(026.0°)	-	-	+900	-	-	-	RNAV 1
DF	GG407	-	-	-	-	-	-	-	-	RNAV 1
TF	LABAN	-	044°(047.6°)	34.8	-	-	-	-	-	RNAV 1

SID instruction: Climb on track 022° to GG402 (MNM 900 ft before turn) – GG407– LABAN **124.680**  
(MNM climb gradient 4.7% (290 ft /NM) until GG402).

ACFT unable to follow RNAV SID: Report “unable RNAV SID due RNAV type” to Clearance Delivery and “unable RNAV SID” to Göteborg Approach at first contact.  
Climb on track 022° to LAV DME 2.5 (MNM 900 ft before turn). Turn right to track 043°. Expect radar vectors to LABAN. (MNM climb gradient 4.7% (290 ft /NM) until LAV DME 2.5).

## LUKAX 3M

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
CF	GG402	Y	022°(026.0°)	1.3	-	-	-	-	LAV	RNAV 1
CA	-	-	022°(026.0°)	-	-	+900	-	-	-	RNAV 1
DF	GG407	-	-	-	-	-	-	-	-	RNAV 1
TF	GG408	-	086°(090.5°)	15.4	-	-	-	-	-	RNAV 1
TF	LUKAX	-	119°(123.3°)	7.1	-	-	-	-	-	RNAV 1

SID instruction: Climb on track 022° to GG402 (MNM 900 ft before turn) – GG407 – GG408 – LUKAX **124.680**  
(MNM climb gradient 4.7% (290 ft /NM) until GG402).

ACFT unable to follow RNAV SID: Report “unable RNAV SID due RNAV type” to Clearance Delivery and “unable RNAV SID” to Göteborg Approach at first contact.  
Climb on track 022° to LAV DME 2.5 (MNM 900 ft before turn). Turn right to track 043°. Expect radar vectors to LUKAX. (MNM climb gradient 4.7% (290 ft /NM) until LAV DME 2.5).

## NEGIL 3M

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
CF	GG402	Y	022°(026.0°)	1.3	-	-	-	-	LAV	RNAV 1
TF	GG406	-	030°(034.0°)	20.7	-	-	-	-	-	RNAV 1
TF	NEGIL	-	351°(354.7°)	16.3	-	-	-	-	-	RNAV 1

SID instruction: Climb on track 022° to GG402 – GG406 – NEGIL **124.680**  
(MNM climb gradient 4.7% (290 ft /NM) until GG402).

ACFT unable to follow RNAV SID: Report “unable RNAV SID due RNAV type” to Clearance Delivery and “unable RNAV SID” to Göteborg Approach at first contact.  
Climb on track 022° to LAV DME 2.5. Turn right to track 030°. Expect radar vectors to NEGIL. (MNM climb gradient 4.7% (290 ft /NM) until LAV DME 2.5).

## SABAK 3M

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
CF	GG401	Y	022°(026.0°)	1.0	-	-	-	-	LAV	RNAV 1
CA	-	-	022°(026.0°)	-	-	+900	-	-	-	RNAV 1
DF	GG901	-	-	-	L	-	-210	-	-	RNAV 1
TF	GG902	-	279°(283.3°)	3.9	-	-	-	-	-	RNAV 1
TF	SABAK	-	327°(330.9°)	28.2	-	-	-	-	-	RNAV 1

SID instruction: Climb on track 022° to GG401 (MNM 900 ft before turn) – GG901 (max IAS 210 kt until GG901) – GG902 – SABAK **124.680**  
(MNM climb gradient 6.4% (390 ft /NM) until GG401).

ACFT unable to follow RNAV SID: Report “unable RNAV SID due RNAV type” to Clearance Delivery and “unable RNAV SID” to Göteborg Approach at first contact.  
Climb on track 022° to LAV DME 2.1 (MNM 900 ft before turn). Turn left to track 296° (max 210 kt IAS until established on 296°). Expect radar vectors to SABAK. (MNM climb gradient 6.4% (390 ft /NM) until LAV DME 2.1).

## SOJWI 1P (Not for jet traffic)

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
CA	-	-	022°(026.0°)	-	-	1000	-	-	-	RNAV 1
DF	GG553	-	-	-	R	-	-180	-	-	RNAV 1
TF	GG554	-	183°(186.6°)	15.5	-	-	-	-	-	RNAV 1
TF	SOJWI	-	173°(177.1°)	7.6	-	-	-	-	-	RNAV 1
TF	TOPLA	-	173°(177.1°)	3.0	-	-	-	-	-	RNAV 1

SID instruction: Climb on track 022° to 1000 ft, turn right to GG553 (max IAS 180 kt until GG553) – GG554 – SOJWI – TOPLA. **124.205**

ACFT unable to follow RNAV SID: Report “unable RNAV SID due RNAV type” to Clearance Delivery and “unable RNAV SID” to Göteborg Approach at first contact.  
Climb on track 022° to 1000 ft. Turn right to track 165° (max 180 kt IAS until established on 165°). Expect radar vectors to TOPLA.

## TAKOV 3R

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
CF	GG404	-	022°(026.0°)	9.2	-	-	-	-	LAV	RNAV 1
TF	GG405	-	323°(326.5°)	5.5	-	-	-	-	-	RNAV 1
TF	GG910	-	259°(262.6°)	4.6	-	-	-	-	-	RNAV 1
TF	TAKOV	-	240°(244.3°)	32.8	-	-	-	-	-	RNAV 1
TF	DETNA	-	240°(243.6°)	7.0	-	-	-	-	-	RNAV 1

SID instruction: Climb on track 022° to GG404 – GG405 – GG910 – TAKOV – DETNA. **124.680**

ACFT unable to follow RNAV SID: Report “unable RNAV SID due RNAV type” to Clearance Delivery and “unable RNAV SID” to Göteborg Approach at first contact.  
Climb on track 022°. Expect radar vectors to DETNA.

## TISAB 3R

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
CF	GG404	-	022°(026.0°)	9.2	-	-	-	-	LAV	RNAV 1
TF	GG405	-	323°(326.5°)	5.5	-	-	-	-	-	RNAV 1
TF	TISAB	-	305°(308.8°)	24.7	-	-	-	-	-	RNAV 1
TF	SABAK	-	304°(308.3°)	3.0	-	-	-	-	-	RNAV 1

SID instruction: Climb on track 022° to GG404 – GG405 – TISAB – SABAK.

124.680

ACFT unable to follow RNAV SID: Report "unable RNAV SID due RNAV type" to Clearance Delivery and "unable RNAV SID" to Göteborg Approach at first contact.  
Climb on track 022°. Expect radar vectors to SABAK.

## TOPLA 3M

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
CF	GG401	Y	022°(026.0°)	1.0	-	-	-	-	LAV	RNAV 1
CA	-	-	022°(026.0°)	-	-	+900	-	-	-	RNAV 1
DF	GG403	-	-	-	R	-	-210	-	-	RNAV 1
TF	GG601	-	168°(172.5°)	4.6	R	-	-	-	-	RNAV 1
TF	GG603	-	176°(179.8°)	4.5	-	-	-	-	-	RNAV 1
TF	TOPLA	-	186°(189.9°)	24.3	-	-	-	-	-	RNAV 1

SID instruction: Climb on track 022° to GG401 (MNM 900 ft before turn) – GG403 (max IAS 210 kt until GG403) – GG601 – GG603 – TOPLA (MNM climb gradient 6.4% (390 ft /NM) until GG401).

124.205

ACFT unable to follow RNAV SID: Report "unable RNAV SID due RNAV type" to Clearance Delivery and "unable RNAV SID" to Göteborg Approach at first contact.  
Climb on track 022° to LAV DME 2.1 (MNM 900 ft before turn). Turn right to track 110° (max 210 kt IAS until established on 110°). Expect radar vectors to TOPLA.  
(MNM climb gradient 6.4% (390 ft /NM) until LAV DME 2.1.)

## VADIN 3M

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
CF	GG401	Y	022°(026.0°)	1.0	-	-	-	-	LAV	RNAV 1
CA	-	-	022°(026.0°)	-	-	+900	-	-	-	RNAV 1
DF	GG403	-	-	-	R	-	-210	-	-	RNAV 1
TF	GG601	-	168°(172.5°)	4.6	R	-	-	-	-	RNAV 1
TF	GG602	-	203°(206.8°)	11.3	-	-	-	-	-	RNAV 1
TF	VADIN	-	226°(230.3°)	28.3	-	-	-	-	-	RNAV 1

SID instruction: Climb on track 022° to GG401 (MNM 900 ft before turn) – GG403 (max IAS 210 kt until GG403) – GG601 – GG602 – VADIN (MNM climb gradient 6.4% (390 ft /NM) until GG401).

124.205

ACFT unable to follow RNAV SID: Report "unable RNAV SID due RNAV type" to Clearance Delivery and "unable RNAV SID" to Göteborg Approach at first contact.  
Climb on track 022° to LAV DME 2.1 (MNM 900 ft before turn). Turn right to track 110° (max 210 kt IAS until established on 110°). Expect radar vectors to VADIN.  
(MNM climb gradient 6.4% (390 ft /NM) until LAV DME 2.1.)