STOCKHOLM/Arlanda RNAV(DME/DME or GNSS) SID RWY 01R

STANDARD INSTRUMENT
DEPARTURE CHART (SID) - BRG are
ICAO
TA 5000

HGT and ALT in ft BRG are MAG (True) TA 5000 ft AMSL ARLANDA TOWER 125.130
ARLANDA ATIS DEP 121.630
STOCKHOLM APPROACH 123.755

STOCKHOLM APPROACH 123.755 18° 00' 17° 00' 17° 30 18° | 30' RESNA ES R14 RNAV 1 UNL GND INITIAL CLIMB CLEARANCE 2200 Common to all SIDs published on this chart. VAR 6° E 2020 348 Unless otherwise specified, climb to 5000 ft. RESNA 3B (353.8°T) <20.5 **KOGAV** ES R15B MSA 25 NM ARP 4500 AMSL GND **SA409** 60° 00' (010.5°T) DME ARLANDA
ANE 113.30
80X elev 120 ff ES R77 3500 AMSL GND ES R101 2000 AMSL GND elev 120 ft 594138.3N 004°(C [27.9) **SA408 SA864** 0180335.5E 075°(081.4°T) OVOR/DME AROS 112.80 18.7 **SA423** 8.0 ARS 187 TOVRI 4B 075° (081.4° **TOVRI** 0163901.2E **SA406** 7.9 ARS 3B DME SA404 ARLANDA **SA854** 112.05 elev 176 ft 594247.8N **SA405 SA851** 0175109.3E (197.30-**ES R16** ES R16A 00 AMSL DME (ARLANDA E 114.45 (14.45 ft 593813.9N) DVOR/DME DVOR/DME— ARLANDA ARL 116.00 107X elev 149 ft 593912.31 188° (193.7°T) 1910 ES R16B 1600 AMSL GND **SA724** DME — ARLANDA ASW 113.75 84Y elev 234 ff \Box ES R16C 1600 AMSL GND DVOR/DME— TEBBY B 117.10 59° 59° TEB 30' 30' ES R67 2000 AMSL GND 118X elev 210 ft 593154.1N 0174910.9E 0181211.9E ES R111 2000 AMSL GND PETEV 1F BABAP ES R102 2000 AMSL GND ES R19 ES R37 10500 AMS GND UNL GND WA LEGEND 193°(199.3°F ES R113 1000 AMSL GND See GEN 2.3 ES R24 2000 AMSL GND ES R112 (183 000 AMSI GND 35.2 177° ES R98 2000 AMSL GND PETEV 0 48 ES R105 **ES R110** 2000 AMSL 1500 AMSL GND 0 ES D191 1100 AMSL GND ES R68 2000 AMSL GND TRS 4B **ES R21** NOSLI UNL GND ES R122 4000 AMSL GND 1:600 000 59° 10 km 10 0 00' 00' TRS ES R71D 40500 AMSL GND ES R117 1400 AMSL GND .4 5 40500 AMSL GND 17° |00'

STOCKHOLM/Arlanda

Prescribed Coding of RNAV SID for RWY 01R

Notes:

INITIAL CLIMB CLEARANCE: Climb to 5000 ft unless otherwise specified. Common to all SIDs published on charts.

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

Aircraft from STOCKHOLM/Arlanda shall not be operated at an airspeed of more than 250 kt IAS below FL 100 unless otherwise instructed.

Contact Frequency: Contact STOCKHOLM DEPARTURE, when so instructed by TWR, on channel indicated below.

ARS 3B

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	SA423	Υ	004°(010.5°)	5.5	-	+2500	-	-	ARL	RNAV 1		
DF	SA864	-	-	-	L	-	-	-	-	RNAV 1		
TF	ARS	-	244°(250.0°)	33.5	-	-	-	-	-	RNAV 1		

SID instruction: Climb on track 004° to <u>SA423</u> (MIN 2500 ft before turn, MIN 7.2% climb gradient) – SA864 **124.105 MHz**

- ARS

ACFT unable to follow RNAV SID:

Report "unable RNAV SID due to RNAV type" to Clearance Delivery and "unable RNAV

SID" to Stockholm Departure at first contact.

Climb on track 004° to ASE DME 6.1 (MIN 2500 ft before turn, MIN 7.2% climb gradient).

Turn Left to track 264°. Expect radar vectors to ARS.

BABAP 3B

DADA! VD											
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	SA404	Υ	004°(010.4°)	1.3	-	+600	-	-	ARL	RNAV 1	
DF	SA405	-	-	-	R	+1500	-210	-	-	RNAV 1	
TF	SA406	-	075°(081.4°)	7.9	-	-	-	-	-	RNAV 1	
TF	BABAP	-	148°(153.8°)	20.2	R	-	-	-	-	RNAV 1	

SID instruction: Climb on track 004° to <u>SA404</u> (MIN 600 ft before turn) – SA405 (MAX 210 kt IAS until **130.330 MHz**

SA405) - SA406 - BABAP

ACFT unable to follow RNAV SID:

Report "unable RNAV SID due to RNAV type" to Clearance Delivery and "unable

RNAV SID" to Stockholm Departure at first contact.

Climb on track 004° to ASE DME 2.0 (MIN 600 ft before turn). Turn right to track 074° (MAX 210 kt IAS until established inbound on track 074°). Expect radar vectors to

BABAP.

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STOCKHOLM/Arlanda

KOGAV 3B

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	SA404	Υ	004°(010.4°)	1.3	-	+600	-	-	ARL	RNAV 1
TF	SA408	-	004°(010.5°)	8.0	-	-	-	-	-	RNAV 1
TF	KOGAV	-	300°(305.8°)	29.1	L	-	-	-	-	RNAV 1

SID instruction: Climb on track 004° to SA404 - SA408 - KOGAV 124.105 MHz

ACFT unable to follow

Report "unable RNAV SID due RNAV type" to Clearance Delivery and "unable RNAV

RNAV SID:

SID" to Stockholm Departure at first contact. Climb on track 004°. Expect radar vectors to KOGAV.

NOSLI 4B

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	SA423	Υ	004°(010.5°)	5.5	-	+2500	-	-	ARL	RNAV 1
DF	SA864	-	-	-	L	-	-	-	-	RNAV 1
TF	SA851	-	182°(187.7°)	6.9	L	-	-	-	-	RNAV 1
TF	SA724	-	191°(197.3°)	9.1	-	-	-	-		RNAV 1
TF	NOSLI	-	193°(199.3°)	28.7	-	-	-	-		RNAV 1

Climb on track 004° to $\underline{SA423}$ (MIN 2500 ft before turn, MIN 7.2% climb gradient) – SA864-SA851-SA724 - NOSLISID instruction: 124.105 MHz

ACFT unable to follow

RNAV SID:

Report "unable RNAV SID due RNAV type" to Clearance Delivery and "unable RNAV

SID" to Stockholm Departure at first contact.

Climb on track 004° to ASE DME 6.1 (MIN 2500 ft before turn, MIN 7.2% climb

gradient). Turn Left to track 264°. Expect radar vectors to NOSLI.

PETEV 1B

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	SA423	Υ	004°(010.5°)	5.5	-	+2500	-	-	ARL	RNAV 1
DF	SA864	-	-	-	L	-	-	-	-	RNAV 1
TF	SA854	-	243°(249.3°)	14.2	-	-	-	-	-	RNAV 1
TF	PETEV	-	188°(193.7°)	30.3	L	-	-	-	-	RNAV 1

SID instruction: Climb on track 004° to SA423 (MIN 2500 ft before turn, MIN 7.2% climb gradient) – SA864 124.105 MHz

- SA854 - PETEV

ACFT unable to follow

RNAV SID:

Report "unable RNAV SID due RNAV type" to Clearance Delivery and "unable RNAV SID"

to Stockholm Departure at first contact.

Climb on track 004° to ASE DME 6.1 (MIN 2500 ft before turn, MIN 7.2% climb gradient).

Turn Left to track 264°. Expect radar vectors to PETEV.

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STOCKHOLM/Arlanda

RESNA 3B

Path Term	Waypoint Identifier	Fly- over	Course °M(°T)	Dist (NM)	Turn Dir	Rest Alts (ft AMSL)	Speed Limits (kt)	Rec Navaid	Navigation Specification
CF	SA404	Υ	004°(010.4°)	1.3	-	+600	-	ARL	RNAV 1
TF	SA409	-	004°(010.5°)	21.9	-	-	-	-	RNAV 1
TF	RESNA	-	348°(353.8°)	20.5	-	-	-	-	RNAV 1

SID instruction: Climb on track 004° to SA404 - SA409 - RESNA 124.105 MHz

ACFT unable to follow

Report "unable RNAV SID due to RNAV type" to Clearance Delivery and "unable RNAV

RNAV SID:

SID" to Stockholm Departure at first contact.
Climb on track 004°. Expect radar vectors to RESNA.

TOVRI 4B

Path Term	Waypoint Identifier	Fly- over	Course °M(°T)	Dist (NM)	Turn Dir	Rest Alts (ft AMSL)	Speed Limits (kt)	Rec Navaid	Navigation Specification
CF	SA404	Υ	004°(010.4°)	1.3	-	+600	-	ARL	RNAV 1
DF	SA405	-	-	-	R	+1500	-210	-	RNAV 1
TF	TOVRI	-	075°(081.4°)	18.7	_	-	-	-	RNAV 1

Climb on track 004° to SA404 (MIN 600 ft before turn) - SA405 (MAX 210 kt IAS until 130.330 MHz SID instruction:

SA405) - TOVRI

ACFT unable to follow

RNAV SID:

Report "unable RNAV SID due to RNAV type" to Clearance Delivery and "unable RNAV

SID" to Stockholm Departure at first contact.

Climb on track 004° to ASE DME 2.0 (MIN 600 ft before turn). Turn right to track 074° (MAX 210 kt IAS until established inbound on track 074°). Expect radar vectors to

TOVRI.

TRS 4B

1110 -	110 15										
Path Term	Waypoint Identifier	Fly- over	Course °M(°T)	Dist (NM)	Turn Dir	Rest Alts (ft AMSL)	Speed Limits (kt)	Rec Navaid	Navigation Specification		
CF	SA423	Υ	004°(010.5°)	5.5	-	+2500	-	ARL	RNAV 1		
DF	SA864	-	-	-	L	-	-	-	RNAV 1		
TF	SA851	-	182°(187.7°)	6.9	L	-	-	-	RNAV 1		
TF	SA724	-	191°(197.3°)	9.1	-	-	-	-	RNAV 1		
TF	TRS	-	177°(183.1°)	35.2	-	-	-	-	RNAV 1		

Climb on track 004° to $\underline{SA423}$ (MIN 2500 ft before turn, MIN 7.2% climb gradient) – SA864 – SA851 – SA724 – TRS 124.105 MHz SID instruction:

ACFT unable to follow RNAV SID:

Report "unable RNAV SID due to RNAV type" to Clearance Delivery and "unable RNAV SID" to Stockholm Departure at first contact.

Climb on track 004° to ASE DME 6.1 (MIN 2500 ft before turn, MIN 7.2% climb

gradient). Turn Left to track 264°. Expect radar vectors to TRS.

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