

**FMS/RNAV SID****STOCKHOLM/Arlanda  
RWY 19 R**

**INITIAL CLIMB CLEARANCE** Common to all SIDs: Unless otherwise specified, climb to 5000 ft.

- Note 1. Aircraft proceeding on SID shall use 6.6% (400 ft/NM) as a minimum gradient of climb up to 5000 ft MSL. Aircraft unable to conform with this procedure shall inform ATC accordingly.
- Note 2. Aircraft from STOCKHOLM/Arlanda shall not be operated at an airspeed of more than 250 kt IAS below FL 100 unless otherwise instructed.
- Note 3. Contact Frequency: Contact STOCKHOLM CONTROL, when so instructed by TWR, on frequency adjacent to WPT sequence below.
- Note 4. All FMS/RNAV SIDs are based on DME/DME for position update.

**Prescribed Coding of FMS/RNAV SIDs for RWY 19R at Stockholm/Arlanda (ESSA)**

SID	Path Term	To fix	WPT Desc	Hdg/ Course	Turn Dir	Rest Alts	Speed Limit	Rec Nav
<b>AROS 4 G</b> (ARS4G)	CF	SA705	EY	186.0		+ 600	220	ARL
	DF	SA707	E			+1500	220	
	TF	SA706	E					
	TF	ARS	VE					

**SID instruction:** Climb on track 186° to SA705 - SA707 (max 220 kt IAS until SA707) – SA706 - ARS **124.100 MHz**

**Special instruction for B757, B767, MD-11:** Climb on track 186° to ARL DME 2.0. Turn right to track 240°. When established on track 240°, fly direct to SA707 (max 220 kt IAS until SA707), then follow WPT sequence.

**ACFT unable to follow FMS/RNAV SID:** Report "unable RNAV SID due RNAV type" to Clearance Delivery and "unable RNAV SID" to Stockholm Control at first contact. Climb on track 186° to ARL DME 2.0. Turn right to track 240° (max 220 kt IAS until established on track 240°). Expect radar vectors to AROS.

<b>BABAP 2 G</b> (BABA2G)	CF	SA705	EY	186.0	L	+ 600	205	ARL
	DF	SA550	E			+1500	205	
	TF	SA410	E					
	TF	BABAP	EE					
	IF	BABAP	E					
	TF	NEKLA	EE					

**SID instruction:** Climb on track 186° to SA705 - SA550 (max 205 kt IAS until SA550) - SA410 - BABAP **126.650 MHz**  
(For traffic via UN623: After BABAP proceed to NEKLA.)

**Special instruction for B757, B767, MD-11:** Climb on track 186° to ARL DME 2.0. Turn left to track 066°. When established on track 066°, fly direct to SA550 (max 205 kt IAS until SA550), then follow WPT sequence.

**ACFT unable to follow FMS/RNAV SID:** Report "unable RNAV SID due RNAV type" to Clearance Delivery and "unable RNAV SID" to Stockholm Control at first contact. Climb on track 186° to ARL DME 2.0. Turn left to track 066° (max 205 kt IAS until established on track 066°). Expect radar vectors to BABAP.

## Prescribed Coding of FMS/RNAV SIDs for RWY 19R at Stockholm/Arlanda (ESSA)

SID	Path Term	To fix	WPT Desc	Hdg/ Course	Turn Dir	Rest Alts	Speed Limit	Rec Nav
<b>DUNKER 4 G</b> (DKR4G)	CF	SA705	EY	186.0		+ 600	220	ARL
	DF	SA707	E			+1500	220	
	TF	SA706	E					
	TF	DKR	VE					

**SID instruction:** Climb on track 186° to SA705 - SA707 (max 220 kt IAS until SA707) - SA706 - DKR **124.100 MHz**

**Special instruction for B757, B767, MD-11:** Climb on track 186° to ARL DME 2.0. Turn right to track 240°. When established on track 240°, fly direct to SA707 (max 220 kt IAS until SA707), then follow WPT sequence.

**ACFT unable to follow FMS/RNAV SID:** Report "unable RNAV SID due RNAV type" to Clearance Delivery and "unable RNAV SID" to Stockholm Control at first contact. Climb on track 186° to ARL DME 2.0. Turn right to track 240° (max 220 kt IAS until established on track 240°). Expect radar vectors to DUNKER.

<b>KOGAV 4 G</b> (KOGA4G)	CF	SA705	EY	186.0		+ 600	220	ARL
	DF	SA707	E			+1500	220	
	TF	SA706	E					
	CF	SA722	EY	268.0	R			ARL
	DF	SA855	E					
	TF	KOGAV	EE					

**SID instruction:** Climb on track 186° to SA705 - SA707 (max 220 kt IAS until SA707) - SA706 - SA722 - SA855 - KOGAV **124.100 MHz**

**Special instruction for B757, B767, MD-11:** Climb on track 186° to ARL DME 2.0. Turn right to track 240°. When established on track 240°, fly direct to SA707 (max 220 kt IAS until SA707), then follow WPT sequence.

**ACFT unable to follow FMS/RNAV SID:** Report "unable RNAV SID due RNAV type" to Clearance Delivery and "unable RNAV SID" to Stockholm Control at first contact. Climb on track 186° to ARL DME 2.0. Turn right to track 240° (max 220 kt IAS until established on track 240°). Expect radar vectors to KOGAV.

<b>NORTEL 2 G</b> (NTL2G)	CF	SA705	EY	186.0	L	+ 600	205	ARL
	DF	SA550	E			+1500	205	
	TF	NTL	VE					

**SID instruction:** Climb on track 186° to SA705 - SA550 (max 205 kt IAS until SA550) - NTL **126.650 MHz**

**Special instruction for B757, B767, MD-11:** Climb on track 186° to ARL DME 2.0. Turn left to track 066°. When established on track 066°, fly direct to SA550 (max 205 kt IAS until SA550), then follow WPT sequence.

**ACFT unable to follow FMS/RNAV SID:** Report "unable RNAV SID due RNAV type" to Clearance Delivery and "unable RNAV SID" to Stockholm Control at first contact. Climb on track 186° to ARL DME 2.0. Turn left to track 066° (max 205 kt IAS until established on track 066°). Expect radar vectors to NORTEL.

**FMS/RNAV SID****STOCKHOLM/Arlanda  
RWY 19 R****Prescribed Coding of FMS/RNAV SIDs for RWY 19R at Stockholm/Arlanda (ESSA)**

<b>SID</b>	<b>Path Term</b>	<b>To fix</b>	<b>WPT Desc</b>	<b>Hdg/ Course</b>	<b>Turn Dir</b>	<b>Rest Alts</b>	<b>Speed Limit</b>	<b>Rec Nav</b>
<b>NOSLI 4 G</b> (NOSL4G)	CF	SA705	EY	186.0		+ 600	220	ARL
	DF	SA707	E			+1500	220	
	TF	SA706	E					
	TF	NOSLI	EE					

**SID instruction:** Climb on track 186° to SA705 - SA707 (max 220 kt IAS until SA707) - SA706 - NOSLI **124.100 MHz**

**Special instruction for B757, B767, MD-11:** Climb on track 186° to ARL DME 2.0. Turn right to track 240°. When established on track 240°, fly direct to SA707 (max 220 kt IAS until SA707), then follow WPT sequence.

**ACFT unable to follow FMS/RNAV SID:** Report "unable RNAV SID due RNAV type" to Clearance Delivery and "unable RNAV SID" to Stockholm Control at first contact. Climb on track 186° to ARL DME 2. Turn right to track 240° (max 220 kt IAS until established on track 240°). Expect radar vectors to NOSLI.

<b>RESNA 4 G</b> (RESN4G)	CF	SA705	EY	186.0		+ 600	220	ARL
	DF	SA707	E			+1500	220	
	TF	SA706	E					
	CF	SA722	EY	268.0	R			ARL
	DF	SA855	E					
	TF	RESNA	EE					

**SID instruction:** Climb on track 186° to SA705 - SA707 (max 220 kt IAS until SA707) – SA706 - SA722 – SA855 - RESNA **124.100 MHz**

**Special instruction for B757, B767, MD-11:** Climb on track 186° to ARL DME 2.0. Turn right to track 240°. When established on track 240°, fly direct to SA707 (max 220 kt IAS until SA707), then follow WPT sequence.

**ACFT unable to follow FMS/RNAV SID:** Report "unable RNAV SID due RNAV type" to Clearance Delivery and "unable RNAV SID" to Stockholm Control at first contact. Climb on track 186° to ARL DME 2.0. Turn right to track 240° (max 220 kt IAS until established on track 240°). Expect radar vectors to RESNA.

Prescribed Coding of FMS/RNAV SIDs for RWY 19R at Stockholm/Arlanda (ESSA)

SID	Path Term	To fix	WPT Desc	Hdg/ Course	Turn Dir	Rest Alts	Speed Limit	Rec Nav
TROSA 4 G (TRS4G)	CF	SA705	EY	186.0		+ 600	220	ARL
	DF	SA707	E			+1500	220	
	TF	SA706	E					
	TF	SA708	E					
	TF	TRS	VE					

**SID instruction:** Climb on track 186° to SA705 - SA707 (max 220 kt IAS until SA707) – SA706 - SA708 - TRS **124.100 MHz**

**Special instruction for B757, B767, MD-11:** Climb on track 186° to ARL DME 2.0. Turn right to track 240°. When established on track 240°, fly direct to SA707 (max 220 kt IAS until SA707), then follow WPT sequence.

**ACFT unable to follow FMS/RNAV SID:** Report "unable RNAV SID due RNAV type" to Clearance Delivery and "unable RNAV SID" to Stockholm Control at first contact. Climb on track 186° to ARL DME 2.0. Turn right to track 240° (max 220 kt IAS until established on track 240°). Expect radar vectors to TROSA.

