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FMS/RNAV SID**STOCKHOLM/Arlanda
RWY 19 L****INITIAL CLIMB CLEARANCE Common to all SIDs: Unless otherwise specified, climb to 5000 ft.**

- Note 1. Aircraft proceeding on SID shall use 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 19L at Stockholm/Arlanda (ESSA)

SID	Path Term	To fix	WPT Desc	Hdg/ Course	Turn Dir	Rest Alts	Speed Limit	Rec Nav
ABENI 4 Q (ABEN4Q)	CF	SA551	EY	186.0		+ 600	220	ARL
	DF	SA564	E			+1500	220	
	TF	SA727	E					
	TF	ABENI	E					
	TF	DKR	VE					

SID instruction: Climb on track 186° to SA551 - SA564 (max 220 kt IAS until SA564) - SA727 - ABENI - DKR **124.100 MHz**

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 ASE DME 3.5 (max 220 kt IAS until ASE DME 3.5). Turn right to track 230°. Expect radar vectors to DUNKER.

AROS 4 E (ARS4E)	CF	SA551	EY	186.0		+ 600	205	ARL
	DF	SA561	E			+1500	205	
	TF	SA567	E			+1500	220	
	TF	SA726	E					
	TF	ARS	VE					

SID instruction: Climb on track 186° to SA551 - SA561 (max 205 kt IAS until SA561) - SA567 (max 220 kt IAS until SA567) - SA726 - ARS **124.100 MHz**

Special instruction for B757, B767, MD-11: Climb on track 186° to ASE DME 1.3. Turn left to track 140°. When established on track 140°, fly direct to SA561 (max 205 kt IAS until SA561), 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 ASE DME 1.3. Turn left to track 140°. At ASE DME 4.5 turn right to track 190° (max 205 kt IAS until ASE DME 4.5). Expect radar vectors to AROS.

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

SID	Path Term	To fix	WPT Desc	Hdg/ Course	Turn Dir	Rest Alts	Speed Limit	Rec Nav
BABAP 2 E (BABA2E)	CF	SA551	EY	186.0	L	+ 600	205	ARL
	DF	SA552	E			+1500	205	
	TF	SA411	E					
	TF	BABAP	EE					
	IF	BABAP	E					
	TF	NEKLA	EE					

SID instruction: Climb on track 186° to SA551 - SA552 (max 205 kt IAS until SA552) - SA411 - 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 ASE DME 1.3. Turn left to track 065°. When established on track 065°, fly direct to SA552 (max 205 kt IAS until SA552), 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 ASE DME 1.3. Turn left to track 065° (max 205 kt IAS until established on track 065°). Expect radar vectors to BABAP.

DIGLI 4Q (DIGL4Q)	CF	SA551	EY	186.0		+ 600	220	ARL
	DF	SA564	E			+1500	220	
	TF	SA727	E					
	TF	SA728	E					
	TF	DIGLI	E					
	TF	NOSLI	EE					

SID instruction: Climb on track 186° to SA551 - SA564 (max 220 kt IAS until SA564) - SA727 - SA728 - DIGLI - NOSLI **124.100 MHz**

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 ASE DME 3.5 (max 220 kt IAS until ASE DME 3.5). Turn right to track 230°. Expect radar vectors to NOSLI.

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

SID	Path Term	To fix	WPT Desc	Hdg/ Course	Turn Dir	Rest Alts	Speed Limit	Rec Nav
DUNKER 4 E (DKR4E)	CF	SA551	EY	186.0		+ 600	205	ARL
	DF	SA561	E			+1500	205	
	TF	SA566	E			+1500	220	
	TF	SA728	E					
	TF	DKR	VE					

SID instruction: Climb on track 186° to SA551 - SA561 (max 205 kt IAS until SA561) - SA566 (max 220 kt IAS until SA566) - SA728 - DKR **124.100 MHz**

Special instruction for B757, B767, MD-11: Climb on track 186° to ASE DME 1.3. Turn left to track 140°. When established on track 140°, fly direct to SA561 (max 205 kt IAS until SA561), 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 ASE DME 1.3. Turn left to track 140°. At ASE DME 4.5 turn right to track 190° (max 205 kt IAS until ASE DME 4.5). Expect radar vectors to DUNKER.

GALNU 4 Q (GALN4Q)	CF	SA551	EY	186.0		+ 600	220	ARL
	DF	SA564	E			+1500	220	
	TF	SA727	E					
	TF	SA728	E					
	TF	SA729	E					
	TF	GALNU	E					
	TF	TRS	VE					

SID instruction: Climb on track 186° to SA551 - SA564 (max 220 kt IAS until SA564) - SA727 - SA728 - SA729 - GALNU - TRS **124.100 MHz**

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 ASE DME 3.5 (max 220 kt IAS until ASE DME 3.5). Turn right to track 230°. Expect radar vectors to TROSA.

LUMAX 4 Q (LUMA4Q)	CF	SA551	EY	186.0		+600	220	ARL
	DF	SA564	E			+1500	220	
	TF	SA709	E					
	CF	SA710	EY	300.0				ARL
	DF	SA855	E					
	TF	LUMAX	E					
	TF	RESNA	EE					

SID instruction: Climb on track 186° to SA551 - SA564 (max 220 kt IAS until SA564) - SA709 - SA710 - SA855 - LUMAX - RESNA **124.100 MHz**

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 ASE DME 3.5 (max 220 kt IAS until ASE DME 3.5). Turn right to track 240°. Expect radar vectors to RESNA.

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

SID	Path Term	To fix	WPT Desc	Hdg/ Course	Turn Dir	Rest Alts	Speed Limit	Rec Nav
NORTEL 2 E (NTL2E)	CF	SA551	EY	186.0	L	+600	205	ARL
	DF	SA552	E			+1500	205	
	TF	NTL	VE					

SID instruction: Climb on track 186° to SA551 – SA552 (max 205 kt IAS until SA552) – NTL

Special instruction for B757, B767, MD-11: Climb on track 186° to ASE DME 1.3. Turn left to track 065°. **126.650 MHz**
When established on track 065°, fly direct to SA552 (max 205 kt IAS until SA552), 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 ASE DME 1.3. Turn left to track 065° (max 205 kt IAS until established on track 065°). Expect radar vectors to NORTEL.

NOSLI 4 E (NOSL4E)	CF	SA551	EY	186.0		+ 600	205	ARL
	DF	SA561	E			+1500	205	
	TF	SA566	E			+1500	220	
	TF	SA728	E					
	TF	NOSLI	EE					

SID instruction: Climb on track 186° to SA551 - SA561 (max 205 kt IAS until SA561) - SA566 (max 220 kt IAS until SA566) - SA728 - NOSLI **124.100 MHz**

Special instruction for B757, B767, MD-11: Climb on track 186° to ASE DME 1.3. Turn left to track 140°. When established on track 140°, fly direct to SA561 (max 205 kt IAS until SA561), 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 ASE DME 1.3. Turn left to track 140°. At ASE DME 4.5 turn right to track 190° (max 205 kt IAS until ASE DME 4.5). Expect radar vectors to NOSLI.

ROKNI 4 Q (ROKN4Q)	CF	SA551	EY	186.0		+600	220	ARL
	DF	SA564	E			+1500	220	
	TF	SA709	E					
	TF	ROKNI	E					
	TF	ARS	VE					

SID instruction: Climb on track 186° to SA551 - SA564 (max 220 kt IAS until SA564) - SA709 - ROKNI - ARS **124.100 MHz**

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 ASE DME 3.5 (max 220 kt IAS until ASE DME 3.5). Turn right to track 240°. Expect radar vectors to AROS.

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

SID	Path Term	To fix	WPT Desc	Hdg/ Course	Turn Dir	Rest Alts	Speed Limit	Rec Nav
TALEK 4 Q (TALE4Q)	CF	SA551	EY	186.0		+600	220	ARL
	DF	SA564	E			+1500	220	
	TF	SA709	E					
	CF	SA710	EY	300.0				ARL
	DF	SA855	E					
	TF	TALEK	E					
	TF	KOGAV	EE					

SID instruction: Climb on track 186° to SA551 - SA564 (max 220 kt IAS until SA564) - SA709 - SA710 - SA855 - TALEK - KOGAV **124.100 MHz**

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 ASE DME 3.5 (max 220 kt IAS until ASE DME 3.5).
Turn right to track 240°. Expect radar vectors to KOGAV.

TROSA 4 E (TRS4E)	CF	SA551	EY	186.0		+ 600	205	ARL
	DF	SA561	E			+1500	205	
	TF	SA566	E			+1500	220	
	TF	SA728	E					
	TF	SA729	E					
	TF	TRS	VE					

SID instruction: Climb on track 186° to SA551 - SA561 (max 205 kt IAS until SA561) - SA566 (max 220 kt IAS until SA566) - SA728 - SA729 - TRS **124.100 MHz**

Special instruction for B757, B767, MD-11: Climb on track 186° to ASE DME 1.3. Turn left to track 140°. When established on track 140°, fly direct to SA561 (max 205 kt IAS until SA561), 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 ASE DME 1.3. Turn left to track 140°. At ASE DME 4.5 turn right to track 190° (max 205 kt IAS until ASE DME 4.5). Expect radar vectors to TROSA.