



## Quick view manual – AIRAC1202

Issued by SE-HQ 2012-01-18

To all present and future IVAO air traffic controllers in Swedish airspace,

We proudly present you the Sweden FIR quick view. This is currently the most comprehensive and complete airfield quick view containing all existing 154 Swedish and 2 Danish airfields.

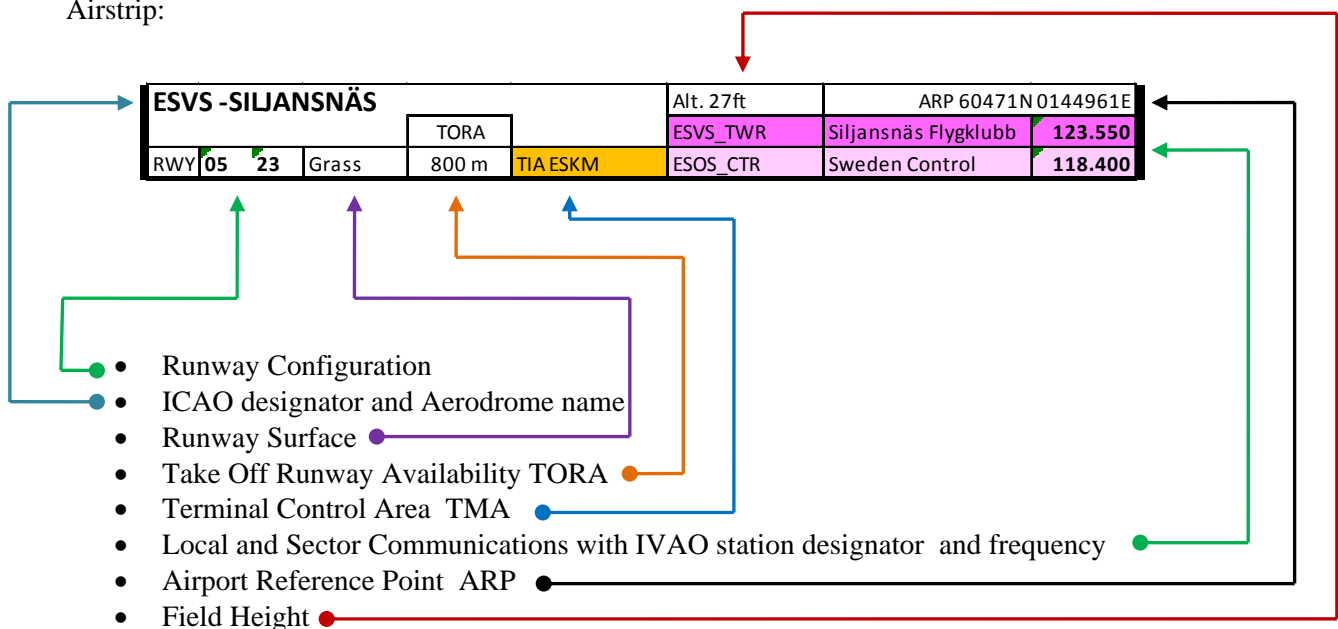
Also included is the letter of agreement between the Swedish and Danish concerning the combined Malmö ACC and Copenhagen ACC procedures.

Although the use of charts is highly recommended, this quickview allows you to instruct virtual pilots from startup to landing without the immediate need for charts.

The quick view is published as PDF and will be updated as deemed necessary.

Quick view information layout;

Airstrip:





# IVAO Sweden

Small, Medium and Large aerodromes;

- Local and Sector Communications with IVAO station designator and frequency
- Take Off Runway Availability (TORA)
- Airport Reference Point (ARP)
- Airfield Height
- CAT ILS (RWY) category designator
- Runway track magnetic heading
- Runway related radio navigation equipment
- Preferential runway system
- ICAO designator and Aerodrome name

ESGJ - Jonköping				CAT I (19) Alt. 741ft.		ARP 574530N 0140409E TORA 2393m	
Wind direction	350-169	170-349	<b>Communications</b>				
NDB	OJ 403	OA 338	ESGJ_TWR	Jonköping Tower	118.250		
ILS Frequency (ILS) Track	015	109.90 195	ESOS_CTR	Sweden Control	118.400		
			ESOS_N_CTR	Sweden Ctrl NORTH	131.050		
<b>VFR</b>							
<b>SID</b>	Fix/VOR	<b>01</b>	<b>19</b>	Entry/Exit	Radial	Dir	Alt
NEGAS	3B	3C		MULSERYD	R-237 JON 7.3Nm	SW	<22
DEVNI	3B	4C		HYLTEA	R-144 JON 5.9Nm	SE	<22
BENGI	2B	2C		LANDSJON	R-049 JON 9.3Nm	E	<22
<b>STAR</b>	Fix/VOR	<b>01</b>	<b>19</b>	LJUNGA	R-330 JON 7.4Nm	NW	<22
				BOTTNARYD	R-264 JON 5.5Nm	W	<22
<b>ESGJ Ground Operations</b>							
NEGAS	3G	3E	3F	RWY 01	Gates/Stand		
DEVNI	2F		3F	ARR	DEP	S	M
BENGI				<i>Btr., A</i>	<i>A, Btr.</i>	9	1-5
<b>Missed Approach</b>	<b>01</b>	<b>19</b>		RWY 19	Gates/Stand		
Heading	lt. OJ	rt OA		ARR	DEP	S	M
Climb ft.	2800	2800		<i>A, Btr,B</i>	<i>Btr, A</i>	9	1-5
<b>Nav aids ESGJ</b>							
<b>VFR GA</b>	<b>11</b>	<b>29</b>		VOR/DME	Jonköping	JON	115.80
RWY info Grass	600	600		NDB		OA	338
<b>MSA</b>	<b>3200ft</b>			NDB		OJ	403

- Minimum Sector Altitude (multiple notation charts advised)
- Secondary Runway VFR small General Aviation (when applicable)
- Missed Approach procedures
- Standard Arrival Routes (STAR) (RNAV in grey/white)
- Standard Instrument Departures (SID) (RNAV in grey/white)
- Proximity Radio Navigation Beacons
- Ground operations: Taxi routing and stand/gate designation
- Visual Flight Rules (VFR) compulsory entry/exit points
- Visual Flight Rules (VFR) maximum Controls zone (CTR) altitude in hundred feet.



## General Airspace information

- Transition and handover altitudes
- Semi Circular Airspace
- Squawk designation

ESOS	VFR-ESOS	6701 → 6777	6701 → 6777	Semi Circular Airspace		Transition ALT	5000 ft	Seperations			
				Eastbound 0-180	FL ODD			Arrivals		Departure	
SWEDEN	DOMESTIC	0040 → 0577	0040 → 0577	Westbound 180-360	FL EVEN	Handover to DEP/APP	2000 ft	Normal	3N	L/M → H	2Min
SWEDEN	EN, EF, EK	5301 → 0777	5301 → 0777	Transition Level Table		Handover to ACC	FL 095	Heavy-Heavy	4N	L → M	2Min
SWEDEN	EN, EF, EK	7001 → 7177	7001 → 7177	QNH 943 - 959	FL 70	Speed FL 100 or below	250 Kn	Medium-Heavy	5N or 2M	Same dep	2Min
SWEDEN	EUR-I.CON	1201 → 1277	1201 → 1277	QNH 959 - 977	FL 65	Airspace		Light-Medium	5N or 3M	Divergent	1Min
SWEDEN	EUR-I.CON	1401 → 1477	1401 → 1477	QNH 978-995	FL 60	C	GND - FL460	Light-Heavy	6N or 3M		
SWEDEN	EUR-I.CON	1601 → 1777	1601 → 1777	QNH 996 - 1013	FL 55	G	GND - FL095	HIJACK			7500
SWEDEN	EAST. EUROPE	6530 → 6577	6530 → 6577	QNH 1014-1032	FL 50	Airspace TMA/CTR		COMMUNICATIONS FAILURE			7600
SWEDEN	EAST. EUROPE	7201 → 7277	7201 → 7277	QNH 1033-1050	FL 45	C	GND - FL095	EMERGENCY			7700

- Transition level table
- Airspace information
- Stress related Secondary Surveillance Radar (SSR transponder) codes
- Arrival and departure seperations

Although not mandatory for simulation purposes your controller task is complete by issuing correct squawk codes to respective traffic.

Tip: To make full use of the term QUICK VIEW

**Use [CTRL] + [F] and type in the ICAO code of the requested airport.**

SE-HQ/SE-AOC



## ESGG - Göteborg Landvetter

CAT II ARP 573963N 00121728E  
Alt. 154 ft TORA 3299m

Wind direction	295-114	115-294
NDB	SL 342	NL 369
ILS Frequency (ILS) Track	110.30 025	108.50 205
<b>SID</b>	<b>Fix/VOR</b>	<b>03 21</b>
SABAK	SABAK	1M 1J
TISAB		1R
DETNA	DETNA	1M 1J
TAKOV		1R
LUKAX	LUKAX	1M 2J
LABAN	LABAN	1M 2J
NEGIL	NEGIL	1M
SULIX	SULIX	1J
TOPLA	TOPLA	1M 1J
VADIN	VADIN	1M 1J
<b>STAR</b>	<b>Fix/VOR</b>	<b>03 21</b>
		<b>TOMVI MAXIV</b>
KELIN	Rnav	1K 1L 1T 1S
NEGIL	Rnav	1K 1L 1T 1S
MOXAM	Rnav	1K 1L 1T 2S
MAKUR	BAK	1K 2L 1T 1S
LOBBI	112.70	1K 2L 1T 1S
RISMA		1K 2L 1T 1S
OSNAK	Rnav	1T 1S
NOLVIK	Rnav	1T 1S
KOVUX	Rnav	1L
<b>Missed Approach</b>	<b>03 21</b>	
Heading	Lt BAK	Rt BAK
Climb ft.	3000	3000
<b>Nav aids ESGG</b>		
VOR/DME	BACKA	BAK 112.70
VOR	HARRY	HAR 117.50
VOR/DME	LANDVETTER	LAV 114.60
VOR	NOLVIK	NOL 113.20
NDB	NL	369
NDB	SL	342
NDB	BID	335
NDB	AV	405
NDB	OSI	360
NDB	SIG	425

<b>Communications</b>				
ESGG_DEL	Landvetter Delivery			121.900
ESGG_GND	Landvetter Ground			121.900
ESGG_TWR	Landvetter Tower			118.600
ESGG_APP	Landvetter Control			124.675
ESGG_F_APP	Göteborg Director			120.120
ESMM_CTR	Sweden control South			124.400
ESOS_CTR	Sweden control Center			118.400
<b>Communications ESGP/EKDK</b>				
ESGP_TWR	Säve Tower			119.050
EKCH_APP	Copenhagen Approach			119.800
EKDK_CTR	Copenhagen Control			126.055
EKDK_SE_CTR	Copenhagen Control			133.150
<b>VFR</b>				
Entry/Exit	Radial	Dir	Alt	
ASPEN	R334 - LAV 114.60	NW	<45	
RADA	R278 - LAV 114.60	W	<45	
LINDOME	R241 - LAV 114.60	SW	<45	
UBBHULT	R156 - LAV 114.60	SE	<45	
HALLINGSJO	R116 - LAV 114.60	E	<45	
HINDAS	R062 - LAV 114.60	NE	<45	
<b>ESGG Ground Operations</b>				
RWY03	Gates/Stand			
ARR	DEP	S	M	H
Y,F	Y,F,Z,K,Y	5,5a 6,7	42,43,44	42,43,44
Y,G	Z,K,Y	7,7a	10	
Y,H	Z,K,Y		12-17	12-17
E,J	Z,K,Y		17-20	17-20
E,J,Z,K	K,Y		21-27	
E,J,Z,K	L,Y		30-40	30-40
RWY21	Gates/Stand			
ARR	DEP	S	M	H
Y,F	Z,Y	5,5a 6,7	42,43,44	42,43,44
Y,G	Z,Y	7,7a	10	
Y,H	Z,Y		12-17	12-17
Y,J	Z,Y		17-20	17-20
Y,K	Z,Y		21-27	
Y,L	Z,Y		30-40	30-40
<b>LOA COPENHAGEN CONTROL</b>				
Dep to EK FIR Max FL240		DEP via DETNA		
Arr. to ESGx < FL090		DEP via VADIN		
Min. Sector Alt.		3100 ft.		

## ESMS - Malmö Sturup

CAT II ARP 553254N 0132112E  
Alt. 236 TORA 2800m

Wind direction	295-114	115-294
NDB	SL 342	NL 369
ILS Frequency (ILS) Track	111.90 171	108.10 351
<b>SID</b>	<b>Fix/VOR</b>	<b>17 35</b>
BABSI	SVD	2B 2C
SVEDA	116.20	3B 2C
DISGO		2B 1C
SALLO		3B 2C
PERRY		2B 4C
NEXIL		2B 4C
TELMO		2B 2C
<b>STAR</b>	<b>Fix/VOR</b>	<b>17 35</b>
SVEDA	SVD	1E 2F
RASMU	116.20	4E 3F
BAKLI		2E 3F
RÖNNE		2E 2F
PERRY		2E 2F
DETUS		1E 1F
<b>Missed Approach</b>	<b>17 35</b>	
Heading	RV	RV
Climb ft.	2500	2500
<b>VFR GA</b>	<b>11 29</b>	
RWY info Asphalt	795m	795m
<b>Nav aids ESMS</b>		
VOR	ALMA	ALM 116.40
VOR/DME	KASTRUP	KAS 112.50
VOR/DME	STURUP	SUP 113.00
NDB	RWY35	SS 420
Min. Sector Alt. 2600ft		

<b>Communications</b>				
ESMS_TWR	Sturup Tower			118.800
ESMS_APP	Sturup Control			134.975
ESMM_CTR	Sweden Control South			124.400
ESOS_CTR	Sweden control Center			118.400
<b>Communications EKCH/EKDK</b>				
EKCH_APP	Copenhagen Approach			119.800
EKDK_CTR	Copenhagen Control			126.055
EKDK_SE_CTR	Copenhagen Control			133.150
<b>VFR</b>				
Entry/Exit	Radial	Dir	Alt	
TORUP	R289 - SUP 113.00	NW	<15	
SVEDALA	R239 - SUP 113.00	SW	<15	
SLIMMINGE	R107 - SUP 113.00	SE	<15	
DOMEN	R061 - SUP 113.00	NE	<15	
<b>ESMS Ground Operations</b>				
RWY17	Gates/Stand			
ARR	DEP	S	M	H
Y,C	C,Y		1-9 21-29	
Y,D	D,Y		2-10 12-24	
Y,H	H,Y	GA		
RWY35	Gates/Stand			
ARR	DEP	S	M	H
Y,C	C,Y		1-9 21-29	
Y,D	D,Y		2-10 12-24	
Y,H	H,Y	GA		
<b>LOA COPENHAGEN CONTROL</b>				
EKCH - Kastrup		EKRS - Roskilde		
HO	2min. before SVD	100	dct RK	60
HO	2min. before ALM	80	Before FIR bound.	
EK FIR = Contact EKCH-CTR				
<b>STAR EKCH (*=Rnav)</b>				
Fix	04R	04L	04L*	22L 22L* 22R 30 12
ALM	3A	1E	3M	1F 3N 1C 1D 1B
SVD	1A	1E	3M	1F 3N 1C 1D 1B

## ESGP - Göteborg Säve

CAT I ARP 574632N 0115214E  
Alt. 56ft TORA 2039m

Wind direction	293-102	103-292
NDB	AV 405	OS 360
ILS Frequency (ILS) Track	003	108.10 183
<b>SID</b>	<b>Fix/VOR</b>	<b>01 19</b>
TOPLA		1B 1C
DETNA		1B 1C
VADIN		1B 1C
<b>STAR</b>	<b>Fix/VOR</b>	<b>01 19</b>
MAKUR		1E 1F
LOBBI		1E 1F
RISMA		1E 1F
<b>Missed Approach</b>	<b>01 19</b>	
Heading	Rt AV	Rt OS
Climb ft.	2000	2000
<b>VFR GA</b>	<b>04 22</b>	
RWY info Asphalt	870m	870m
<b>Nav aids ESGP</b>		
DME	GP	108.10
VOR/DME	LANDVETTER	LAV 114.60
VOR	NOLVIK	NOL 113.20
NDB	OS	360
NDB	AV	405
Min. Sector Alt. 2500 ft.		

<b>Communications</b>				
ESGP_TWR	Säve Tower			119.050
ESGG_APP	Göteborg Control			124.675
ESGG_F_APP	Landvetter Director			120.120
ESMM_CTR	Sweden control South			124.400
ESOS_CTR	Sweden control Center			118.400
<b>Communications ESGG</b>				
ESGG_TWR	Landvetter Tower			118.600
<b>VFR</b>				
Entry/Exit	Radial	Dir	Alt	
LYCKE	R334 - LAV 114.60	NW	<15	
RAVEN	R278 - LAV 114.60	W	<15	
HJUUVIK	R241 - LAV 114.60	SW	<15	
AGNESBERG	R156 - LAV 114.60	SE	<15	
BOHUS	R116 - LAV 114.60	E	<15	
<b>ESGP Ground Operations</b>				
RWY01	Gates/Stand			
ARR	DEP	S	M	H
A,C	C,A		7-10 22-24	
A	A		1-6	
A	A	GA		
RWY19	Gates/Stand			
ARR	DEP	S	M	H
B	C,A		7-10 22-24	
B	A		1-6	
B	B	GA		
<b>LOA COPENHAGEN CONTROL</b>				
Dep to EK FIR Max FL240		DEP via DETNA		
Arr. to ESGx < FL090		DEP via VADIN		

## EKRN - Bornholm/Rønne

CAT I ARP 550347N 0144534E  
Alt. 52ft TODA 2002m

Wind direction	021-200	201-020		
NDB	FAU 334			
ILS Frequency (ILS) Track	109.35 111	110.30 291		
<b>SID</b>	<b>Fix/VOR</b>	<b>11 29</b>		
ARR	RV	RV		
<b>STAR</b>	<b>Fix/VOR</b>	<b>11 29</b>		
ARR	DEP	S	M	H
Btr., A	A, Btr.	4-7		
Btr., B	B, Btr.		1-3	
<b>Missed Approach</b>	<b>11 29</b>			
Heading	Rt FAU	Lt FAU		
Climb ft.	2000	2000		
<b>Nav aids EKRN</b>				
VOR/DME	ROE	FAU	112.00	
NDB	FAU		334	
Min. Sector Alt.			2500 ft.	

<b>Communications</b>				
ESMM_CTR	Sweden control South			124.400
ESOS_CTR	Sweden control Center			118.400
<b>Communications EKRN</b>				
EKRN_TWR	Rønne Tower			118.325
EKRN_APP	Rønne Approach			124.675
<b>EKRN Ground Operations</b>				
Gates/Stand				
ARR	DEP	S	M	H
Btr., A	A, Btr.	4-7		
Btr., B	B, Btr.		1-3	
RWY29	Gates/Stand			
ARR	DEP	S	M	H
Btr., A	A, Btr.	4-7		
Btr., B	B, Btr.		1-3	
<b>LOA COPENHAGEN CONTROL</b>				
Bornholm is DK TMA within Swedish FIR				
DEP clearance by ESMM_CTR				
ARR clearance to ROE >5000ft				
Rønne_APP >4500ft				
If no EKRN_APP online → ESMM_CTR				

## EKRR - RO

Alt. 335ft ARP 551236N 0145243E

TORA				
RWY	04 22	Grass	750 m	
<b>Communications</b>				
ESMM_CTR	Sweden control South			124.400
ESOS_CTR	Sweden control Center			118.400
<b>Communications EKRN</b>				
EKRN_TWR	Rønne Tower			118.325
EKRN_APP	Rønne Approach			124.675
<b>Transition ALT</b>				
Initial alt clearance	5000 ft			
Handover to DEP/APP	2000 ft			
Handover to ACC	FL 095			
Speed FL 100 or below	250 Kn			
<b>Airspace</b>				
C	GND - FL460			
G	GND - FL095			
<b>Airspace TMA/CTR</b>				
C	GND - FL095			

<b>Separations</b>				
Arrivals		Departure		
Normal	3N	L/M →	H	2Min
Heavy-Heavy	4N	L →	M	2Min
Medium-Heavy	5N or 2M	Same dep		2Min
Light-Medium	5N or 3M	Divergent		1Min
Light-Heavy	6N or 3M			
HJACK				7500
COMMUNICATIONS FAILURE				7600
EMERGENCY				7700

ESOS	VFR-ESOS	6701 → 6777		
ESOS	VFR EUR-CON	7301 → 7377		
SWEDEN	DOMESTIC	0040 → 0577		
SWEDEN	EN, EF, EK	5301 → 0777		
SWEDEN	EN, EF, EK	7001 → 7177		
SWEDEN	EUR-I.CON	1201 → 1277		
SWEDEN	EUR-I.CON	1401 → 1477		
SWEDEN	EUR-I.CON	1601 → 1777		
SWEDEN	EAST. EUROPE	6530 → 6577		
SWEDEN	EAST. EUROPE	7201 → 7727		

<b>Semi Circular Airspace</b>				
Eastbound 0-180		FL ODD		
Westbound 180-360		FL EVEN		
<b>Transition Level Table</b>				
QNH 943 - 959		FL 70		
QNH 959 - 977		FL 65		
QNH 978-995		FL 60		
QNH 996 - 1013		FL 55		
QNH 1014-1032		FL 50		
QNH 1033-1050		FL 45		



## ESMT - Halmstad

CAT I ARP 564127N 00121728E  
Alt. 101 TORA 2261m

Wind direction	279-98	99-278	Communications		
NDB	MF 421	LT 336	ESMT_TWR	Halmstad Tower	130.100
			ESMT_APP	Halmstad Control	135.050
ILS Frequency		110.10	ESMM_CTR	Sweden control South	124.400
(ILS) Track	004	184	ESOS_CTR	Sweden control Center	118.400
VFR					
Entry/Exit Radial Dir Alt					
VAKTA	HS 420	1K	1L	KVARNEN	▲▲ W <20
				LAXVIK	▲▲ S <20
				ALED	▲▲ W <20
ESMT Ground Operations					
RWY1 Gates/Stand					
ARR DEP S M H					
C C GA					
RWY19 Gates/Stand					
ARR DEP S M H					
C C GA					
Navais ESMT					
NDB		MF 421			
NDB		LT 336			
VORDME		SVD 116.20			
Min. Sector Alt. 2600 ft.					
NOTE: EAST APRON MILITARY ONLY					

## ESMK - Kristianstad

CAT I ARP 555514N 0140507E  
Alt. 76 TORA 2215m

Wind direction	279-98	99-278	Communications		
NDB	KD 375	OEM 363	ESMK_TWR	Kristianstad Tower	129.350
			ESMS_APP	Malmö Control	134.975
ILS Frequency		108.50	ESMM_CTR	Sweden control South	124.400
(ILS) Track	004	184	ESOS_CTR	Sweden control Center	118.400
VFR					
Entry/Exit Radial Dir Alt					
VAKTA	HS 420	1K	1L	NORTHWEST	▲▲ DME 7.8 NW <17
				SOUTHWEST	▲▲ DME 8.4 SW <17
				SOUTHEAST	▲▲ DME 6.5 SE <17
				NORTHEAST	▲▲ DME 7.5 NE <17
ESMK Ground Operations					
RWY1 Gates/Stand					
ARR DEP S M H					
C C GA					
RWY19 Gates/Stand					
ARR DEP S M H					
C C GA					
Navais ESMK					
NDB		KD 375			
NDB		MOE 363			
DME		MK 108.50			
Min. Sector Alt. 2600 ft.					

## ESMQ - Kalmar

CAT I ARP 564108N 0161715E  
Alt. 17ft TORA 2050m

Wind direction	058-237	238-057	Communications		
NDB	KM 366	OS 360	ESMQ_TWR	Kalmar Tower	130.800
			ESMQ_APP	Kalmar Control	130.800
ILS Frequency	108.70		ESMM_CTR	Sweden control South	124.400
(ILS) Track	148	328	ESOS_CTR	Sweden control Center	118.400
VFR					
Entry/Exit Radial Dir Alt					
LATVI		3B	3C	TREKANTEN	▲▲ R267 - KAL 111.60 W <15
MOVIS		1B	1C	VASSMO	▲▲ R223 - KAL 111.60 SW <15
TILSA		3B		SAXNAS	▲▲ R086 - KAL 111.60 E <15
LAGIS		3B		BJORNO	▲▲ R024 - KAL 111.60 NE <15
ESMQ Ground Operations					
RWY16 Gates/Stand					
ARR DEP S M H					
A,C C,A Apron2					
A8 A8 1-4					
A,A8,A A,A8,A GA					
RWY34 Gates/Stand					
ARR DEP S M H					
A A Apron2					
Btr, A8 A8, Btr. 1-4					
A A GA					
Navais ESMQ					
RWY info Asphalt 656 656					
Min. Sector Alt. 1700-2800ft					
VOR/DME KALMAR KAL 111.60					
NDB KM 366					

## ESDF - Ronneby

CAT I ARP 561600N 0151554E  
Alt. 191 TORA 2331m

Wind direction	276-095	096-275	Communications		
NDB	LF 380	LP 318	ESDF_TWR	Ronneby Tower	119.200
			ESDF_APP	Ronneby Control	128.450
ILS Frequency		110.70	ESMM_CTR	Sweden control South	124.400
(ILS) Track	005	185	ESOS_CTR	Sweden control Center	118.400
VFR					
Entry/Exit Radial Dir Alt					
		RV	RV	BACKARYD	▲▲ DME RON 7.3 NW <15
				BRÄKNE HBY	▲▲ DME RON 5.9 SW <15
				LINDO UDDE	▲▲ DME RON 8.5 S <15
				LISTERBY	▲▲ DME RON 6.0 SE <15
				TVING	▲▲ DME RON 7.3 NE <15
ESDF Ground Operations					
RWY1 Gates/Stand					
ARR DEP S M H					
Y, Btr. A 41-43 2a, 2b					
Y, Btr. A GA Aeroclub					
Navais ESDF					
NDB		LF 380			
NDB		LP 318			
DME		RON 109.20			
Min. Sector Alt. 1800-2800 ft.					
ALL INFRASTRUCTURE EAST OF RUNWAY: ENTRY = PROHIBITED (MILITARY)					

## ESMX - Kronoberg Växjö

CAT I ARP 565549N 0144344E  
Alt. 610ft TORA 2103m

Wind direction	280-99	100-279	Communications		
NDB	VX 329	JX 349	ESMX_TWR	Kronoberg Tower	118.150
			ESMX_APP	Kronoberg Control	118.150
ILS Frequency		109.70	ESMM_CTR	Sweden control South	124.400
(ILS) Track	010	190	ESOS_CTR	Sweden control Center	118.400
VFR					
Entry/Exit Radial Dir Alt					
		RV	RV	KLINTA	▲▲ DME 6.3 MX W <31
				ALVESTA	▲▲ DME 6.0 MX SW <31
				VATTENTNT	▲▲ DME 6.3 MX E <31
				GARDSBY	▲▲ DME 5.3 MX NE <31
ESMX Ground Operations					
RWY 01 Gates/Stand					
ARR DEP S M H					
C,Btr, B A 10-18 8, 6					
RWY 19 Gates/Stand					
ARR DEP S M H					
A B,Btr, C 10-18 8, 6					
Min. Sector Alt. 2500 ft.					
Navais ESMX					
DME		MX 109.70			
NDB		JX 349			
NDB		VX 329			

## ESGT - Trollhättan

CAT I (33) ARP 581905N 0122042E  
Alt. 137ft TORA 1710m

Wind direction	054-233	234-053	Communications		
NDB	FM 399	PG 325	ESGT_TWR	Trollhättan Tower	122.725
			ESMM_CTR	Sweden control South	124.400
ILS Frequency		111.90	ESOS_CTR	Sweden control Center	118.400
(ILS) Track	144	324	VFR		
Entry/Exit Radial Dir Alt					
		RV	RV	SJUNTORP	▲▲ W <15
				HUNNEBERG	▲▲ E <15
				EKENA SMOSSE	▲▲ NE <15
				VANE-RYR	▲▲ W <15
ESGT Ground Operations					
RWY 15 Gates/Stand					
ARR DEP S M H					
Btr, M M, Btr, N 6-7 1-5					
RWY 33 Gates/Stand					
ARR DEP S M H					
N, Btr, M M, Btr. 6-7 1-5					
Sector Alt. 1800-2700 ft.					
Navais ESGT					
DME		NMO 111.15			
NDB		DC 370			
NDB		DH 325			

ESOS	VFR-ESOS	6701 → 6777	Semi Circular Airspace		
ESOS	VFR EUR-CON	7301 → 7377	Eastbound 0-180 FL ODD		
			Westbound 180-360 FL EVEN		
Transition Level Table					
SWEDEN	DOMESTIC	0040 → 0577	QNH 943 - 959	FL 70	
SWEDEN	EN, EF, EK	5301 → 0777	QNH 959 - 977	FL 65	
SWEDEN	EN, EF, EK	7001 → 7177	QNH 978-995	FL 60	
SWEDEN	EUR-I.CON	1201 → 1277	QNH 996 - 1013	FL 55	
SWEDEN	EUR-I.CON	1401 → 1477	QNH 1014-1032	FL 50	
SWEDEN	EUR-I.CON	1601 → 1777	QNH 1033-1050	FL 45	
SWEDEN	EAST. EUROPE	6530 → 6577			
SWEDEN	EAST. EUROPE	7201 → 7277			

Transition ALT	5000 ft	Separations			
Initial alt clearance	5000 ft	Arrivals		Departure	
Handover to DEP/APP	2000 ft	Normal	3N	L/M → H	2Min
Handover to ACC	FL 095	Heavy-Heavy	4N	L → M	2Min
Speed FL 100 or below	250 Kn	Medium-Heavy	5N or 2M	Same dep	2Min
Airspace		Light-Medium	5N or 3M	Divergent	1Min
C	GND - FL460	Light-Heavy	6N or 3M		
G	GND - FL095	HIJACK			7500
Airspace TMA/CTR		COMMUNICATIONS FAILURE			7600
C	GND - FL095	EMERGENCY			7700



## ESGL - Lidköping

Cat I ARP 582755N 0131028E  
Alt. 200ft TORA 1990m

Wind direction	329-148	149-328	Communications		
NDB	LK	LK	ESGL_TWR	Lidköping Information	124.450
	359	359	ESMM_CTR	Sweden control South	124.400
ILS Frequency		111.30	ESOS_CTR	Sweden control Center	118.400
(ILS) Track	059	239	VFR		
<b>SID</b>	Fix/VOR	<b>06</b>	<b>24</b>	Entry/Exit Radial Dir Alt	
		RV	RV	HINDEN	NW <15
				JÄRPAS	W <15
<b>STAR</b>	Fix/VOR	<b>06</b>	<b>24</b>	ESGL - Ground Operations	
		RV	RV	RWY 06	Gates/Stand
				In	Out S M H
<b>Missed Approach</b>		<b>06</b>	<b>24</b>	Btr,A	A,Btr. GA 1-4
				RWY 19	Gates/Stand
				In	Out S M H
Heading	Rt LK	Lt KALBY		A	A,Btr. GA 1-4
Climb ft.	1700	2200			
Nav aids ESGL			Min. Sector Alt. 1700-3000ft		
DME	EGL	111.30			
NDB	LI	359			

## ESGK - Falköping

ARP 581012N 0133516E  
Alt. 785ft TORA 1316m

Wind direction	299-118	119-298	Communications		
NDB	SF	LI	ESGK_TWR	Falköping Information	122.900
	366	380	ESMM_CTR	Sweden control South	124.400
ILS Frequency			ESOS_CTR	Sweden control Center	118.400
(ILS) Track	029	209	VFR		
<b>SID</b>	Fix/VOR	<b>04</b>	<b>22</b>	Entry/Exit Radial Dir Alt	
		RV	RV	NO MANDATORY ENTRY AND EXIT	
				ESGK - Ground Operations	
<b>STAR</b>	Fix/VOR	<b>04</b>	<b>22</b>	RWY 04	Gates/Stand
		RV	RV	In	Out S M H
<b>Missed Approach</b>		<b>04</b>	<b>22</b>	A	A,Btr. AP North
				RWY 22	Gates/Stand
				In	Out S M H
Heading	Rt LK	Rt NF		Btr,A	A AP North
Climb ft.	1700	2200			
Nav aids ESGK			Min. Sector Alt. 1700-3000ft		
DME		EGL	111.30		
NDB		F	380		
NDB		NF	397		
NDB		SF	366		

## ESGR - Skövde

Cat I ARP 582722N 0135822E  
Alt. 324ft TORA 1736m

Wind direction	283-102	102-282	Communications		
NDB	SS	NS	ESGR_TWR	Skövde Information	122.325
	390	384	ESIA_CTR	Karlsborg Control	123.300
ILS Frequency		108.30	ESMM_CTR	Sweden control South	124.400
(ILS) Track	013	193	ESOS_CTR	Sweden control Center	118.400
<b>SID</b>	Fix/VOR	<b>01</b>	<b>19</b>	VFR	
		RV	RV	Entry/Exit Radial Dir Alt	
				MOSSSEN	NE <17
				MOFALLA	SE <17
<b>STAR</b>	Fix/VOR	<b>01</b>	<b>19</b>	ESGR - Ground Operations	
		RV	RV	RWY 01	Gates/Stand
				In	Out S M H
<b>Missed Approach</b>		<b>01</b>	<b>19</b>	Btr,B	A, Btr GA
				Btr,A	A, Btr 1-3
Heading	Lt SS	Lt NS		RWY 19	Gates/Stand
Climb ft.	3300	2300		In	Out S M H
Nav aids ESGR			Min. Sector Alt. 1700ft -3300ft		
DME	SY	108.30		Btr,A	B, Btr GA
NDB	SS	390		Btr,A	A, Btr 1-3
NDB	NS	384			

## ESTA - Angelholm

CAT I ARP 561728N 0125118E  
Alt. 121ft TORA 1945m

Wind direction	043-224	225-044	Communications		
NDB	LB	AH	ESTA_TWR	Angelholm Tower	127.100
	370.5	417	ESTA_APP	Angelholm Control	132.450
ILS Frequency	111.30		ESMM_CTR	Sweden control South	124.400
(ILS) Track	134	314	ESOS_CTR	Sweden control Center	118.400
<b>SID</b>	Fix/VOR	<b>14</b>	<b>32</b>	VFR	
		RV	RV	Entry/Exit Radial Dir Alt	
				TOREKOV	NW <15
				FARHULT	SW <15
				VARALOV	S <15
				VASTERSJON	E <15
				KARUP	N <15
<b>STAR</b>	Fix/VOR	<b>14</b>	<b>32</b>	ESTA - Ground Operations	
		RV	RV	RWY 14	Gates/Stand
				In	Out S M H
<b>Missed Approach</b>		<b>14</b>	<b>32</b>	Y	C 1b 2,3,W1
				Y, C	C W2 2,3,W1
Heading	Lt LB	Rt AH		RWY 32	Gates/Stand
Climb ft.	2000	2000		In	Out S M H
Nav aids ESTA			Min. Sector Alt. 2600ft		
NDB	LB	370.5		C	Y 1b 2,3,W1
NDB	AH	417		C	C,Y W2 2,3,W1
DME	DB	111.30			

INFRASTRUCTURE SOUTHEAST OF THE RUNWAY PROHIBITED (MILITARY)

## ESKV - Arvika

CAT I ARP 594029N 0123821E  
Alt.236ft TORA 1147m

Wind direction	272-91	92-271	Communications		
NDB	LI	LV	ESKV_TWR	Arvika Information	122.350
	419	390	ESMM_CTR	Sweden control South	124.400
ILS Frequency		182	ESOS_CTR	Sweden control Center	118.400
(ILS) Track	002		VFR		
<b>SID</b>	Fix/VOR	<b>01</b>	<b>19</b>	Entry/Exit Radial Dir Alt	
		RV	RV	NO MANDATORY ENTRY AND EXIT	
				ESKV Ground Operations	
<b>STAR</b>	Fix/VOR	<b>01</b>	<b>19</b>	RWY 01	Gates/Stand
		RV	RV	In	Out S M H
<b>Missed Approach</b>		<b>01</b>	<b>19</b>	Btr,A	A,Btr. Apron
				RWY 19	Gates/Stand
				In	Out S M H
Heading	Lt LI	Lt DC		A	A,Btr. Apron
Climb ft.	2200	1600			
Nav aids ESKV			Min. Sector Alt. 2200-3300 ft.		
DME		NMO	111.15		
NDB	LI		419		
NDB	LV		390		

## ESMV - Hagshult

CAT I ARP 57175N 014082E  
Alt. 555ft TORA 2050m

Wind direction	032-211	212-031	Communications		
NDB	LI	LV	ESMV_TWR	Värnamo Flygklubb	132.250
	419	390	ESMM_CTR	Sweden control South	124.400
ILS Frequency		220	ESOS_CTR	Sweden control Center	118.400
(ILS) Track	040		VFR		
<b>SID</b>	Fix/VOR	<b>04</b>	<b>22</b>	Entry/Exit Radial Dir Alt	
		RV	RV	NO MANDATORY ENTRY AND EXIT	
				ESMV Ground Operations	
<b>STAR</b>	Fix/VOR	<b>04</b>	<b>22</b>	RWY 04	Gates/Stand
		RV	RV	In	Out S M H
<b>Missed Approach</b>		<b>04</b>	<b>22</b>	Btr	Btr. Apron
				RWY 22	Gates/Stand
				In	Out S M H
Heading	040	220		Btr	Btr. Apron
Climb ft.	1500	1500			
Nav aids ESMV			Min. Sector Alt. 2500		
VORDME		JON	115.80		
NDB		AN	419		
NDB		OF	395		

ESOS	VFR-ESOS	6701 → 6777	Semi Circular Airspace		
ESOS	VFR EUR-CON	7301 → 7377	Eastbound 0-180 FL ODD		
SWEDEN	DOMESTIC	0040 → 0577	Westbound 180-360 FL EVEN		
SWEDEN	EN, EF, EK	5301 → 0777	Transition Level Table		
SWEDEN	EN, EF, EK	7001 → 7177	QNH 943 - 959	FL 70	
SWEDEN	EUR-I.CON	1201 → 1277	QNH 959 - 977	FL 65	
SWEDEN	EUR-I.CON	1401 → 1477	QNH 978-995	FL 60	
SWEDEN	EUR-I.CON	1601 → 1777	QNH 996 - 1013	FL 55	
SWEDEN	EAST. EUROPE	6530 → 6577	QNH 1014-1032	FL 50	
SWEDEN	EAST. EUROPE	7201 → 7727	QNH 1033-1050	FL 45	

Transition ALT	5000 ft	Separations		
Initial alt clearance	5000 ft	Arrivals		Departure
Handover to DEP/APP	2000 ft	Normal	3N	L/M → H 2Min
Handover to ACC	FL 095	Heavy-Heavy	4N	L → M 2Min
Speed FL 100 or below	250 Kn	Medium-Heavy	5N or 2M	Same dep 2Min
Airspace		Light-Medium	5N or 3M	Divergent 1Min
C	GND - FL460	Light-Heavy	6N or 3M	
G	GND - FL095	HIJACK		7500
Airspace TMA/CTR		COMMUNICATIONS FAILURE		7600
C	GND - FL095	EMERGENCY		7700



## ESTL - Ljungbyhed

CAT I ARP 594030N 0123822E  
Alt. 139ft. TODA 2214m

Wind direction	021-200	200-019	Communications						
NDB			ESTL_GND	Ljungbyhed Ground	121.650				
ILS Frequency		111.70	ESTL_TWR	Ljungbyhed Tower	130.700				
(ILS) Track	111	291	ESTL_APP	Ljungbyhed Control	129.550				
<b>SID</b>	<b>Fix/VOR</b>	<b>11R</b>	<b>29L</b>	ESMM_CTR	Sweden control South	124.400			
				ESOS_CTR	Sweden control Center	118.400			
VFR									
MAXUM	ALM	1B	1C	Entry/Exit	Radial	Dir	Alt		
MALIV	116.40	1B	2C	STENESTAD	R-236/4.5 LJU	SW	<15		
KOTAM	VEY		3C	ROSTANGA	R-149/4.5 LJU	S	<15		
NEXIL	LJU		1C	HYLLSTOFTA	R-051/4.4 LJU	SE	<15		
LB	LB	1B	1C	VEDBY	R-350/3.3 LJU	NE	<15		
OEM	OEM	1B	1C	ESTL Ground Operations					
SVEDA	SVD	2B	1C	RWY11R	Gates/Stands				
<b>STAR</b>	<b>Fix/VOR</b>	<b>11R</b>	<b>29L</b>	In	Out	S	M	H	
				F, H	H,B,Y,C	Apron5			
MAXUM	ALM	1E	1F	F	Y, Btr.	Apron 2-4	Apron 4		
MALIV	116.40	3E	3F	RWY29L	Gates/Stands				
KOTAM	VEY	3E		In	Out	S	M	H	
NEXIL	LJU	1E	1F	C,Y,H,B	H,B,Y,C	Apron5			
SVEDA	SVD		3F	Btr., Y	Y	Apron 2-4	Apron 4		
KD	116.20	1E		Nav aids ESTL					
AH			1F	VOR/DME	Ljungbyhed	LJU	113.40		
LB	LB	1E		VOR/DME	Svede	SVD	116.20		
<b>Missed Approach</b>	<b>11R</b>	<b>29L</b>		VOR/DME	Alma	ALM	116.40		
				VOR/DME		OEM	363		
Heading	Lt KRIKA	Lt TOFTA		VOR/DME		AH	417		
Climb ft.	2000ft	2000ft		Min. Sector Alt.				2500 ft.	

## ESFR - Råda Air Base

CAT I (18) ARP 582852N 0130316E  
Alt. 230ft. TORA 1981m

Wind direction	084-233	234-083	Communications			
NDB	HT 345	SC 300	ESFR_TWR	Råda Tower	121.850	
ILS Frequency	110.10	110.10	ESFR_APP	Råda Control	136.025	
(ILS) Track	174	354	ESOS_S_CTR	Malmö Control	124.400	
<b>SID/STAR</b>	<b>18</b>	<b>36</b>	Nav aids ESFR			
	VECTORS	VECTORS	DME	NMO	111.15	
			NDB	DC	370	

## ESIB - Sätenäs Air Base

ARP 582542N 0124240E  
Alt. 180ft. TORA 2258m

Wind direction	270-119	120-269	342-161	162-341	Nav aids ESIA			
NDB	409	KGB 309			NDB	KGB	309	
ILS Frequency		109.50			Communications			
(ILS) Track	012	192	108	288	ESIA_GND	Sät.Gnd.	123.000	
<b>SID/STAR</b>	<b>Fix/VOR</b>	<b>01</b>	<b>19</b>	<b>11</b>	<b>29</b>	ESIA_TWR	Sät.Tow.	133.000
						ESIA_APP	Sät.Apr.	132.050
<b>Missed Approach</b>	<b>01</b>	<b>19</b>	<b>11</b>	<b>29</b>	ESOS_S_CTR	Malmö	124.400	
Heading	010	190	110	290	VFR entry / exit			
	1500ft.	1500ft.	1500ft.	1500ft.				

## ESIA - Karlsborg Air Base

ARP 583049N 0143025E  
Alt. 308ft. TORA 2289m

Wind direction	330-149	150-059	Communications					
NDB			ESIA_TWR	Karlsborg Tower	133.000			
(ILS) Track	060	240	ESIA_APP	Karlsborg Control	132.050			
<b>SID/STAR</b>	<b>06</b>	<b>24</b>	ESOS_S_CTR	Malmö Control	124.400			
	RV	RV						

## ESSF - HULTSFRED-VIMMERBY

Alt. 366ft ARP 57316N 015494E

TORA		ESSF_TWR	Ferringe Flygklubb	124.050
RWY 01 19 Asphalt	1150 m	ESOS_S_CTR	Sweden Control	124.400

## ESMB - BORGLANDA

Alt. 118ft ARP 56518N 016394E

TORA		ESMB_TWR	Borglanda Radio	123.550
RWY 3 21 Grass	625 m	ESOS_S_CTR	Sweden Control	124.400

## ESME - ESLÖV

Alt. 296ft ARP 570729N 0121341E

TORA		ESME_TWR	Eslöv Radio	123.150
RWY 06 24 Grass	600 m	ESOS_S_CTR	Sweden Control	124.400
RWY 15 33 Grass	650 m	TMA ESMS		

## ESMF - FAGERHULT

Alt. 378ft ARP 562316N 0132814E

TORA		ESMF_TWR	Fagerhult Radio	123.600
RWY 01 19 Grass	530m	ESOS_S_CTR	Sweden Control	124.400

## ESMG - FERINDE

Alt. 538ft ARP56570N 013553E

TORA		ESMG_TWR	Ferringe Flygklubb	122.250
RWY 01 19 Asphalt	1150 m	ESOS_S_CTR	Sweden Control	124.400

## ESMH - HÖGENÅS

Alt. 21ft ARP 561110N 012346E

TORA		ESMH_TWR	Högenäs Radio	123.550
RWY 14 32 Grass	800 m	ESOS_S_CTR	Sweden Control	124.400
RWY 06 24 Grass	460 m	TMA ESMS		

## ESMI - SOVDE

Alt. 259ft ARP 582204N 0114631E

TORA		ESMI_SOVDE	Sövde Radio	123.650
RWY 12 30 Grass	800 m	ESOS_S_CTR	Sweden Control	124.400
		TMA ESMS		

## ESMJ - KÄGERÖD

Alt. 276ft ARP 555970N 0130320E

TORA		ESOS_S_CTR	Sweden Control	124.400	
RWY 11 29 Grass	800 m	TMA ESMS	ESTL_APP	Ljunbyhed Control	129.550

## ESML - LANDSKRONA

Alt. 259ft ARP 582204N 0114631E

TORA		ESML_TWR	Landskrona Radio	123.350	
RWY 12 30 Asphalt	1180 m	TMA ESMS	ESOS_S_CTR	Sweden Control	124.400

## ESMP - ANDERSTORP

Alt. 507ft ARP 57159N 013360E

TORA		ESMP_TWR	Anderstorp Radio	123.425	
RWY 04 22 Asphalt	1000	TMA ESMS	ESMS_APP	Malmö Control	134.975

## ESMU - MOCKELN ALMHULT

Alt. 5480ft ARP 56352N 014100E

TORA		ESMU_TWR	Älmhult Flygklubb	123.600
RWY 03 21 Grass	600 m	ESMS_APP	Malmö Control	134.975

## ESMY - SMÅLANDSSTENAR

Alt. 540ft ARP 57102N 013266E

TORA		ESMY_TWR	Smålandsstenar Radio	123.200	
RWY 04 22 Asphalt	800 m	TMA ESMS	ESOS_S_CTR	Sweden Control	124.400

## ESTF - FJÄLLBACKA

6ft. ARP 58378N 011182E

TORA		ESTF_TWR	Flällback Radio	123.200
RWY 06 24 Grass	800 m	ESOS_S_CTR	Sweden Control	124.400

## ESTG - GRÖNHÖGEN

6ft. ARP 561630N 016251E

TORA		**** **	PRIVATE AIRFIELD	**** **
RWY 04 22 Grass	800 m	ESOS_S_CTR	Sweden Control	124.400

## ESTO - TOMELILLA

Alt. 220ft ARP 553231 014000E

TORA		ESTO_TWR	Tomelilla Flygklubb	123.650	
RWY 09 27 Grass	840 m	TMA ESMS	ESMS_APP	Malmö Control	134.975

## ESTT - SÖDERSLATT

Alt. 12M ARP 55238N 013015E

TORA		ESTT_TWR	Söderslatts Flygklub	123.400	
RWY 03 21 Grass	600 m	TMA ESMS	ESMS_APP	Malmö Control	134.975

## ESFA - BOKEBERG

Alt. 151ft ARP 560801N 0135244E

TORA		ESFA_TWR	Hässleholm Flygklubben	123.600	
RWY 01 19 Grass	800 m	TMA ESMS	ESMS_APP	Malmö Control	134.975

## ESGA - BACKAMO

Alt. 424ft ARP 581038N 0115825E

TORA		ESGA_TWR	Backamo Radio	123.550	
RWY 06 24 Grass	760 m	TMA ESGG	ESGG_TWR	Göteborg Control	124.675

## ESGC - ALLEBERG

Alt. 1099ft ARP 580838N 0115825E

TORA		ESGC_TWR	Alleberg Radio	123.400	
RWY 03 21 Grass	760 m	TMA ESMS	ESMS_APP	Malmö Control	134.975

## ESGD - BÄMMELSHED

Alt. 456ft ARP 581131N 0135944E

TORA		ESGD_TWR	Tydaholm Flygklubb	123.650
RWY 04 22 Grass	675 m		Sweden Control South	124.400

## ESGE - VIARED

Alt. 36ft ARP 565817N 0122321E

TORA		ESGE_TWR	Borås Flygklubb	123.525
RWY 04 22 Grass	800 m		Sweden Control South	124.400

## ESGF - FALKENBERG

Alt. 36ft ARP 565817N 0122321E

TORA		ESGF_TWR	Falkenberg Flygklubb	123.350	
RWY 09 27 Grass	700 m	TMA ESMS	ESMS_APP	Malmö Control	134.975

## ESGH - HERRLJUNGA

Alt. 480ft ARP 580146N 0130629E

TORA		ESGH_TWR	Herrljunga Radio	123.650	
RWY 18 36 Grass	900 m	TMA ESGG	ESGG_TWR	Göteborg Control	124.675

## ESGI - ALINGSÅS

Alt. 226ft ARP 575659N 0123441E

TORA		ESGI_TWR	Alingsås Radio	123.650	
RWY 01 19 Grass	600 m	TMA ESGG	ESGG_TWR	Göteborg Control	124.675

## ESGM - ÖRESTEN

Alt. 378ft ARP 572643N 0123856E

TORA		ESGM_TWR	Öresten Radio	123.200	
RWY 06 24 Grass	680 m	TMA ESGG	ESGG_TWR	Göteborg Control	124.675

## ESGN - BRÄNNEBONA

Alt. 259ft ARP 583443N 0133638E

TORA		ESGN_TWR	Brännebona F.K	123.200	
RWY 12 30 Grass	650 m	TMA ESMS	ESMS_APP	Malmö Control	134.975

## ESGS - NÄSSINGE

Alt. 115ft ARP 590101N 0112037E

TORA		ESGS_TWR	Strömstad Flygklubb	123.450	
RWY 03 21 Grass	906 m		ESOS_S_CTR	Sweden Control	124.400

## ESGU - RÖRKÄRR

Alt. 259ft ARP 582204N 0114631E

TORA		ESGU_TWR	Uddevalla Flygklubb	123.550	
RWY 03 21 Grass	655 m		ESOS_S_CTR	Sweden Control	124.400

## ESGV - VARBERG

Alt. 3ft ARP 570729N 0121341E

TORA		ESGV_TWR	Varberg Flygklubb	123.150	
RWY 12 30 Grass	540 m		ESOS_S_CTR	Sweden Control	124.400
RWY 06 24 Grass	600 m				

## ESGY - SÄFFLE

Alt. 151ft ARP590528N 0125730E

TORA		ESGY_TWR	Säffle Flygklubben	123.600
RWY 01 19 Grass	690 m	TMA ESOK	Karlstad Tower	119.450

## ESMA - EMMABODA

Alt. 6ft ARP 563640N 0153623E

TORA		ESMA_TWR	Emmaboda Flygklubb	123.550	
RWY 01 19 Asphalt	1300 m	TMA ESMS	ESMS_APP	Malmö Control	134.975

ESOS	VFR-ESOS	6701 → 6777	Semi Circular Airspace	
ESOS	VFR EUR-CON	7301 → 7377	Eastbound 0-180	FL ODD
SWEDEN	DOMESTIC	0040 → 0577	Westbound 180-360	FL EVEN
SWEDEN	EN, EF, EK	5301 → 0777	Transition Level Table	
SWEDEN	EN, EF, EK	7001 → 7177	QNH 943 - 959	FL 70
SWEDEN	EUR-I.CON	1201 → 1277	QNH 959 - 977	FL 65
SWEDEN	EUR-I.CON	1401 → 1477	QNH 978-995	FL 60
SWEDEN	EUR-I.CON	1601 → 1777	QNH 996 - 1013	FL 55
SWEDEN	EAST. EUROPE	6530 → 6577	QNH 1014-1032	FL 50
SWEDEN	EAST. EUROPE	7201 → 7727	QNH 1033-1050	FL 45

Transition ALT	5000 ft	Seperations	
Initial alt clearance	5000 ft	Arrivals	Departure
Handover to DEP/APP	2		



## ESSA - Stockholm Arlanda

CAT III ARP 593907N 0175507E  
Alt. 137ft TORA 2500-3300M

Preferential runway system								
Wind	101-170	171-280	281-350	351-100				
NORMAL	ARR19R DEP08Rt	ARR26 DEP19R	ARR01R DEP01L	ARR01L DEP08L				
HIGH DENSITY	ARR19L DEP19R	ARR19L DEP19R	ARR01R DEP01L	ARR01R DEP01L				
NIGHT 22-07	ARR19R DEP08Rt	ARR26 DEP19L	ARR01L DEP01L	ARR01L DEP08L				
If VMC conditions during off peak or night								
NDB	OHT 370	GG 352	DL 360	LA 404				
ILS frequently	109.90	109.35	109.55	111.35	110.70	110.10		
ILS Track	006	006	072	186	186	252		
SID	Fix/Vor	01L	01R	08lt	08rt	19L	19R	26
AROS	ARS	4C	2B	2L	2R	4E	4G	2K
ROKNI	112.80					4Q		
BABAP	BABAP	3C	2B	2L	2R	2E	2G	2K
MENGA		1C						
ABENI	DKR				2R	4Q		
DUNKER	116.80	4C	2B	2L		4E	4G	2K
KOGAV		3C	2B	2L			4G	2K
TALEK	KOGAV				2R	4Q		
NORTE	NTL	3C	2B	2L	2R	2E	2G	2K
NOSLI		4C	3B	4L		4E	4G	2K
DIGLI	NOSLI				2R	4Q		
RESNA		3C	2B	2L			4G	2K
LUMAX	RESNA				2R	4Q		
TROSA	TRS	4C	3B	4L		4E	4G	2K
GALNU	114.30				2R	4Q		
STAR	Fix/Vor	01L	01R	08lt	08rt	19L	19R	26
ELTOK		5M	2J	5M		5S	5P	5P 2N 2T 2V
HAMMER		3M	2J	3M		3S	2P	2P 2N 2T 2V
TROSA	TRS	3M	2J	3M		3S	4P	4P 2N 3T 2V
XILAN		2M	2J	2M		2S	3P	3P 2N 3T 2V
Missed Approach		01L	01R	08lt	08rt	19L	19R	26
Heading		329	006	071	149	186	299	
Climb		1500	1500	1500	1500	1500	1500	

Navais ESMT				Communications			
VORDME	ARLANDA	ARL	116.00	ESSA_DEL	Arlanda Delivery	121.825	
VORDME	TEBBY	TEB	117.10	ESSA_W_GND	Arlanda Ground	121.700	
VOR	DUNKER	DKR	116.80	ESSA_W_TWR	Arlanda Tower	118.500	
VORDME	TROSSA	TRS	114.30	ESSA_E_APP	Stockholm Contol	126.650	
VORDME	NORTE	NTL	116.30	ESOS_CTR	Sweden Control	118.400	
VORDME	HAMMER	HMR	112.50	ESMM_CTR	Sweden Ctrl SOUTH	124.400	
NDB	ARLANDA	WA	349	ESOS_N_CTR	Sweden Ctrl NORTH	131.050	
NDB	ERKEN	ERK	383	VFR			
NDB	NACKA	NAK	335	Entry/Exit	Radial	Dir	Alt
NDB	CORNER	COR	388	SKEDVIKEN	▲ ARL R-056	NE	<50
NDB	LENA	LNA	330	VADA	▲ ARL R-112	SE	<50
MSA 1700-2200ft				VASSUNDA	▲ ARL R-298	NW	<50

ESSA Ground Operations								
RWY	ARRIVALS	DEPARTURE	DOMESTIC		CONTINENTAL		CARGO	
			S	M	M	H	M	H
01L	Y,Z	Z,Y,Y1	31-44	50-60	11-20	11-20	S71-S79	
	Y,X	X,Z,Y,Y1	F28-F39		1-10	1-10		
	Y,Z,D	D,Y,Y1			61-68	61-68	R3,R4	R5-R10
01R	W,Z	Z,D,U,W1	31-44	50-60	11-20	11-20	S71-S79	
	W,Z	X,W,W1	F28-F39		1-10	1-10		
	W,U	U,W,W1			61-68	61-68	R3,R4	R5-R10
08	X,Z	Y,X,X2	31-44	50-60	11-20	11-20	S71-S79	
	X,Z	X,X2	F28-F39		1-10	1-10		
	X,W,U	U,W,Z,X2			61-68	61-68	R3,R4	R5-R10
19R	Y	Y,Y10	31-44	50-60	11-20	11-20	S71-S79	
	Y,X	X, Y,Y10	F28-F39		1-10	1-10		
	Y,D	D,Y,Y10			61-68	61-68	R3,R4	R5-R10
19L	W,U,D,Y	Y,X,W,W8	31-44	50-60	11-20	11-20	S71-S79	
	W,Z	X,W,W8	F28-F39		1-10	1-10		
	W,U	U,W,W8			61-68	61-68	R3,R4	R5-R10
26	X,Z	Y,X,X5	31-44	50-60	11-20	11-20	S71-S79	
	X,Z	X,X5	F28-F39		1-10	1-10		
	X,W,U	U,W,X,X5			61-68	61-68	R3,R4	R5-R10

ESOS	VFR- ESOS	6701 → 6777	Semi Circular Airspace	
			Eastbound 0-180	FL ODD
SWEDEN	DOMESTIC	0040 → 0577	Westbound 180-360	FL EVEN
SWEDEN	EN, EF, EK	5301 → 0777	Transition Level Table	
SWEDEN	EN, EF, EK	7001 → 7177	QNH 943 - 959	FL 70
SWEDEN	EUR-I.CON	1201 → 1277	QNH 959 - 977	FL 65
SWEDEN	EUR-I.CON	1401 → 1477	QNH 978-995	FL 60
SWEDEN	EUR-I.CON	1601 → 1777	QNH 996 - 1013	FL 55
SWEDEN	EAST. EUROPE	6530 → 6577	QNH 1014-1032	FL 50
SWEDEN	EAST. EUROPE	7201 → 7727	QNH 1033-1050	FL 45

## ESSB - Stockholm Bromma

CAT I ARP 592116N 0175632E  
Alt. 76 ft TORA 2215m

Communications			
NDB	NB 394	OU 322	ESSB_GND Bromma Ground 121.600
ILS Frequency	110.30	109.70	ESSB_TWR Bromma Tower 118.100
(ILS) Track	120	300	ESSA_E_APP Stockholm Contol 126.650
SID	Fix/VOR	12	30
AROS	ARS	3W	3Z
DUNKER	DKR		3Z
NOSLI	TRS		3Z
RESNI	HMR	3W	3Z
TINKA			3Z
TROSA	TRS	3W	3Z
STAR	Fix/Vor	12	30
AROS		6U	6Y
HAMMAR		7U	6Y
TINKA		6U	5Y
TROSA		8U	5Y
XILAN		5U	5Y
Missed Approach		12	30
Heading		Rt COR 2500	Lt COR 2500
Climb			
Navais ESMT			
DME	BROMMA	SBA	109.70
VORDME	TEBBY	TEB	117.10
VOR	DUNKER	DKR	116.80
VORDME	TROSSA	TRS	114.30
VORDME	NORTE	NTL	116.30
VORDME	HAMMER	HMR	112.50
NDB	ERKEN	ERK	383
NDB	NACKA	NAK	335
NDB	CORNER	COR	388
NDB	LENA	LNA	330

## ESKN - Skavsta

CAT I ARP 584719N 0165413E  
Alt. 140ft. TORA 3028m

Communications			
NDB	NW 364	PEO 398	ESKN_TWR Skavsta Tower 127.700
ILS Frequency	111.30	111.90	ESSP_APP Östgöta Control 132.950
(ILS) Track	080	260	ESOS_CTR Sweden Control 118.400
SID	Fix/VOR	08	26
AMAXA			1L
BOBSO			1K
DUNKER			1K
MOKMO	TRS 114.30		1L
LULEX			1L
TROSA			1K
TONSA			1K
UNEXI			1K
STAR	Fix/VOR	08	26
BELRO			1S
DIMSO			1S
GIPAK			1T
KOXEN	TRS 114.30		1S
LATSA			1T
NALUS			1S
REMBO			1T
Missed Approach		08	26
Heading		080	260
Climb ft.		2100ft	2100ft
MSA 1600-2500ft			

ESKN Ground Operations			
RWY 08	Gates/Stands		
ARR	DEP	S	M
B, 4	4, B, Btr.	4A-G	
B, 2	2, B, Btr	1A-10B	
RWY 26	Gates/Stands		
ARR	DEP	S	M
Btr, B, 4	4, A	4A-G	
Btr, B, 2	2, A	1A-10B	
Navais ESKN			
VOR/DME	TROSA	TRS	114.30
NDB	LENA	LNA	330
NDB		PEO	398
NDB		NW	364
VORDME	AROS	ARS	112.80
VORDME	TEBBY	TEB	117.10
VOR	DUNKER	DKR	116.80
Transition ALT			
Initial alt clearance	5000 ft		
Handover to DEP/APP	2000 ft		
Handover to ACC	FL 095		
Speed FL 100 or below	250 Kn		
Seperations			
Arrivals		Departure	
Normal	3N	L/M → H	2Min
Heavy-Heavy	4N	L → M	2Min
Medium-Heavy	5N or 2M	Same dep	2Min
Light-Medium	5N or 3M	Divergent	1Min
Light-Heavy	6N or 3M		
HIJACK			7500
COMMUNICATIONS FAILURE			7600
EMERGENCY			7700



## ESSD - Borlänge

CAT I ARP 602520N 0153054E  
Alt. 503ft. TORA 2310m

Wind direction	350-169	170-349	Communications		
NDB	OU	WU	ESSD_TWR	Borlänge Tower	127.300
ILS Frequency	111.30	109.50	ESOS_CTR	Sweden Control	118.400
(ILS) Track	129	309	ESOS_N_CTR	Sweden Ctrl NORTH	131.050
VFR					
SID	Fix/VOR	14	32	Entry/Exit	
VECTORS		VECTORS		Dir	Alt
STAR	Fix/VOR	14	32	MURBO	BOR R-254/6.3 W <16
VECTORS		VECTORS		ULVSJON	UME R-187/7.3 S <16
VECTORS		VECTORS		TAFTE	UME R-063/6.0 E <16
VECTORS		VECTORS		MARK	UME R-351/6.9 N <16
ESSD Ground Operations					
Missed Approach		14	32	RWY 14 Gates/Stand	
Heading		090	310	ARR	DEP S M H
Climb ft.		1500ft	1500ft	Btr, B	B GA
Nav aids ESSD		114.10		Btr, A	A G17-G25 1-5
VOR/DME	Umeå	UME		RWY 32 Gates/Stand	
NDB			111.30	ARR	DEP S M H
DME	KSP		111.10	A	4, A GA
MSA		2400 - 3700 ft.		A	2, A G17-G25 1-5

## ESSU - Eskilstuna

CAT I (36) ARP 592108N 0164230E  
Alt. 85ft. TORA 1886m

Wind direction	084-263	264-083	Communications		
NDB	LX	NN	ESSU_TWR	Eskilstuna Information	126.850
ILS Frequency		110.90	ESSA_E_APP	Stockholm Control	126.650
(ILS) Track	174	354	ESOS_CTR	Sweden Control	118.400
VFR					
SID	Fix/VOR	18	36	Entry/Exit	
VECTORS		VECTORS		Dir	Alt
STAR	Fix/VOR	18	36	BALSTA	DME SU 4.5Nm NW <15
VECTORS		VECTORS		STENKVISTA	DME SU 4.7Nm W <15
VECTORS		VECTORS		TOBO	DME SU 4.8Nm E <15
VECTORS		VECTORS		LINDON	DME SU 5.1Nm NE <15
ESSU - Ground Operations					
Missed Approach		18	36	RWY 18 Gates/Stand	
Heading		180	360	ARR	DEP S M H
Climb ft.		1200ft	1200ft	Btr, A	A, Btr 4, 7 1-3, 8
Nav aids ESSU		116.80		RWY 36 Gates/Stand	
VOR/DME	DUNKER	DKR		ARR	DEP S M H
NDB		LX	402	Btr, A	A, Btr 4, 7 1-3, 8
NDB		NN	362	MSA 1600-2200ft	
DME	ESKILSTUNA	SU	110.90		

## ESSL - Linköping/SAAB

CAT I ARP 582423N 0154047E  
Alt. 172ft. TORA 2130m

Wind direction	018-197	198-017	Communications		
NDB	SC	OL	ESSL_TWR	SAAB TWR	118.800
ILS Frequency	108.70	108.10	ESSP_APP	Östgöta Control	132.950
(ILS) Track	108	288	ESOS_CTR	Sweden Control	118.400
VFR					
SID	Fix/VOR	11	29	Entry/Exit	
VECTORS		VECTORS		Dir	Alt
STAR	Fix/VOR	11	29	HOVETORP	S <16
VECTORS		VECTORS		SPETSEN	SE <16
VECTORS		VECTORS		GISTAD	NE <16
VECTORS		VECTORS		OSTRA HARG	N <16
VECTORS		VECTORS		SNVUDDEN	NW <16
VECTORS		VECTORS		LUNG	NW <16
VECTORS		VECTORS		ALVESTAD	W <16
ESSL Ground Operations					
Missed Approach		11	29	RWY 11 Gates/Stand	
Heading		110	290	ARR	DEP S M H
Climb ft.		1500ft	1500ft	K, Btr, C	D No defined stand
Nav aids ESSL		108.70		RWY 29 Gates/Stand	
DME	Malmen	SC	300	ARR	DEP S M H
NDB		OL	415	C	D, Btr, K No defined stand
NDB		VSN	115.25	MSA 1900-2500ft	
VOR	Vassen	VSN		TAXIWAYS A, B, I, L, H ARE PROHIBITED	

## ESSP - Norrköping/Kungsängen

CAT I ARP 583510N 0161447E  
Alt. 92ft. TORA 2203m

Wind direction	359-178	179-358	Communications		
NDB	KN	ON	ESSP_TWR	Kungsängen Tower	120.350
ILS Frequency	111.10	109.50	ESSP_APP	Östgöta Control	132.950
(ILS) Track	088	268	ESOS_CTR	Sweden Control	118.400
VFR					
SID	Fix/VOR	09	27	Entry/Exit	
VECTORS		VECTORS		Dir	Alt
STAR	Fix/VOR	09	27	MELBY	DME 7.9Nm SW <16
VECTORS		VECTORS		DOCKAN	DME 6.1Nm S <16
VECTORS		VECTORS		KOPPARBO	DME 10.4Nm NE <16
VECTORS		VECTORS		ABY	DME 5.5 Nm N <16
VECTORS		VECTORS		SVARTINGE	DME NW <16
ESSP Ground Operations					
Missed Approach		09	27	RWY 09 Gates/Stand	
Heading		090	270	ARR	DEP S M H
Climb ft.		1500ft	1500ft	B	B 7-11
Nav aids ESSP		115.25		RWY 26 Gates/Stand	
VOR/DME	MSN	MSN		ARR	DEP S M H
NDB		ON	324	C, Btr, B	B, Btr, C 7-11
NDB		KN	377	MSA 1900-2500ft	
DME		KSP	111.10		

## ESKM - Mora Siljan

CAT I (16) ARP 605731N 0143038E  
Alt. 634ft. TORA 1814m

Wind direction	078-237	238-077	Communications		
NDB	NM	SM	ESKM_TWR	Mora Information	129.850
ILS Frequency	109.70		ESOS_CTR	Sweden Control	118.400
(ILS) Track	158	338	ESOS_N_CTR	Sweden Ctrl NORTH	131.050
VFR					
No mandatory entry / exit					
ESKM - Ground Operations					
Missed Approach		16	34	RWY 16 Gates/Stand	
Heading		160	340	ARR	DEP S M H
Climb ft.		2500ft	2900ft	B, Btr, A	A, Btr No defined stand
Nav aids ESKM		117.60		RWY 34 Gates/Stand	
VOR/DME	Borlänge	BOR		ARR	DEP S M H
NDB		SM	377	Btr, A	A, Btr, B No defined stand
NDB		NM	403	MSA 3900ft	

## ESSK - Gävle

CAT I (18) ARP 603536N 0165705E  
Alt. 224ft. TORA 2000m

Wind direction	087-236	237-086	Communications		
NDB	OG	GS	ESSK_TWR	Gävle information	122.350
ILS Frequency	111.30		ESOS_CTR	Sweden Control	118.400
(ILS) Track	177	357	ESOS_N_CTR	Sweden Ctrl NORTH	131.050
VFR					
No mandatory entry / exit					
ESSK Ground Operations					
Missed Approach		18	36	RWY 18 Gates/Stand	
Heading		180	360	ARR	DEP S M H
Climb ft.		1500ft	1500ft	Btr	Btr No defined stand
Nav aids ESSK		326		RWY 36 Gates/Stand	
VOR/DME		OG		ARR	DEP S M H
NDB		GS	346	Btr	Btr No defined stand
NDB		R	417	MSA 2300-3100ft	

## ESCF - Malmen

CAT I (19) ARP 582391N 0153141E  
Alt. 308ft. TORA 2214m

Wind direction	084-233	234-083	Communications		
NDB	HT 345	SC 300	ESCF_GND	Malmen Ground	121.850
ILS Frequency	110.10	110.10	ESCF_TWR	Malmen Tower	129.800
(ILS) Track	174	354	ESCF_APP	Malmen Control	126.400
VFR					
Nav aids ESCF					
VFR Mil		08	26	DME	
VECTORS		VECTORS		NMO	111.15
VECTORS		VECTORS		NDB	DC 370

## ESCM - Uppsala

CAT I (21) ARP 582391N 0153141E  
Alt. 308ft. TORA 2214m

Wind direction	270-119	120-269	342-161	162-341	Nav aids ESCM				
SID/STAR	Fix/VOR	03	21	08	26	NDB	UP	370	
VECTORS		VECTORS		VECTORS		Communications			
VECTORS		VECTORS		VECTORS		ESCM_TWR		Upps.Tow.	119.200
VECTORS		VECTORS		VECTORS		ESCM_APP		Upps. Con.	130.400
VECTORS		VECTORS		VECTORS		ESOS_CTR		Sw.Control	118.400
VECTORS		VECTORS		VECTORS		ESOS_N_CT		Sw.Control	131.050
VFR						No mandatory entry / exit			

ESOS	VFR-ESOS	6701	→	6777	Semi Circular Airspace			
ESOS	VFR EUR-CON	7301	→	7377	Eastbound 0-180 FL ODD			
SWEDEN	DOMESTIC	0040	→	0577	Westbound 180-360 FL EVEN			
SWEDEN	EN, EF, EK	5301	→	0777	Transition Level Table			
SWEDEN	EN, EF, EK	7001	→	7177	QNH 943 - 959	FL 70		
SWEDEN	EUR-I.CON	1201	→	1277	QNH 959 - 977	FL 65		
SWEDEN	EUR-I.CON	1401	→	1477	QNH 978-995	FL 60		
SWEDEN	EUR-I.CON	1601	→	1777	QNH 996 - 1013	FL 55		
SWEDEN	EAST. EUROPE	6530	→	6577	QNH 1014-1032	FL 50		
SWEDEN	EAST. EUROPE	7201	→	7727	QNH 1033-1050	FL 45		

Transition ALT	5000 ft	Separations			
Initial alt clearance	5000 ft	Arrivals		Departure	
Handover to DEP/APP	2000 ft	Normal	3N	L/M →	H 2Min
Handover to ACC	FL 095	Heavy-Heavy	4N	L →	M 2Min
Speed FL 100 or below	250 Kn	Medium-Heavy	5N or 2M	Same dep	2Min
Airspace		Light-Medium	5N or 3M	Divergent	1Min
C	GND - FL460	Light-Heavy	6N or 3M		
G	GND - FL095	HIJACK	7500		
Airspace TMA/CTR		COMMUNICATIONS FAILURE	7600		
C	GND - FL095	EMERGENCY	7700		



## ESSV - Visby

CAT I (21) ARP 573946N 0182046E  
Alt. 164ft. TORA 2000m

Wind direction	257-105	106-256	Communications			
NDB		OV	ESSV_TWR	Visby Tower	120.300	
		351	ESSV_APP	Visby Control	126.150	
ILS Frequency		110.30	ESOS_CTR	Sweden Control	118.400	
(ILS) Track	016	196	VFR			
<b>SID</b>	Fix/VOR	<b>03</b>	<b>21</b>			
ROKEN			4C			
HANSA	VSB		4C			
ELKOM	115.10		1C			
GOTAL			1C			
<b>STAR</b>	Fix/VOR	<b>03</b>	<b>21</b>			
ROKEN			4G	4F		
HANSA			4E	4F		
KINTI	VSB		4E	4F		
ELKOM	115.10		4E	1F		
KINTI			4E			
GOTAL			1E			
<b>Missed Approach</b>		<b>03</b>	<b>21</b>			
Heading	020	200	VFR GA 10 28			
Climb ft.	1500	1500	RWY info Grass 1100 1100			
MSA 2100 ft						
ALL INFRASTRUCTURE NORTH OF RUNWAY: ENTRY = PROHIBITED (MILITARY)						

## ESGJ - Jonköping

CAT I (19) ARP 574530N 0140409E  
Alt. 741ft. TORA 2393m

Wind direction	350-169	170-349	Communications			
NDB	OJ	OA	ESGJ_TWR	Jonköping Tower	118.250	
	403	338	ESOS_CTR	Sweden Control	118.400	
ILS Frequency		109.90	ESOS_N_CTR	Sweden Ctrl NORTH	131.050	
(ILS) Track	015	195	VFR			
<b>SID</b>	Fix/VOR	<b>01</b>	<b>19</b>			
NEGAS		3B	3C			
DEVNI		3B	4C			
BENGI		2B	2C			
<b>STAR</b>	Fix/VOR	<b>01</b>	<b>19</b>			
NEGAS		3G	3E	3F		
DEVNI		2F	3F			
BENGI						
<b>Missed Approach</b>		<b>01</b>	<b>19</b>			
Heading	lt. OJ	rt. OA	ESGJ Ground Operations			
Climb ft.	2800	2800	RWY 01	Gates/Stand		
VFR GA 11 29						
RWY info Grass 600 600						
MSA 3200ft						

## ESOE - Örebro

CAT I ARP 591341N 0150224E  
Alt. 188ft. TORA 2902m

Wind direction	248-097	098-247	Communications			
NDB	RB	EN	ESOE_D_GND	Örebro Deicing	121.900	
	375	400	ESOE_TWR	Örebro Tower	120.275	
ILS Frequency	109.10	108.50	ESOS_CTR	Sweden Control	118.400	
(ILS) Track	008	188	VFR			
<b>SID</b>	Fix/VOR	<b>01</b>	<b>19</b>			
VECTORS VECTORS						
<b>STAR</b>	Fix/VOR	<b>01</b>	<b>19</b>			
VECTORS VECTORS						
<b>Missed Approach</b>		<b>01</b>	<b>19</b>			
Heading	010	180	ESOE - Ground Operations			
Climb ft.	1500ft.	1200ft	RWY 1	Gates/Stand		
Nav aids ESOE						
DME	ÖREBRO	NOE	108.50			
NDB		RB	375			
NDB		EN	400			
MSA 2000-2900ft						

## ESMO - Oskarshamn

CAT I (19) ARP 572107N 0162954E  
Alt. 96ft. TORA 1504m

Wind direction	271-90	91-270	Communications			
NDB	DH	DC	ESMO_TWR	Oskarshamn info.	122.150	
	325	370	ESOS_CTR	Sweden Control	118.400	
ILS Frequency		111.15	ESMM_CTR	Sweden control South	124.400	
(ILS) Track	001	181	VFR			
<b>SID</b>	Fix/VOR	<b>01</b>	<b>19</b>			
NO MANDATORY ENTRY AND EXIT						
ESMO Ground Operations						
<b>STAR</b>	Fix/VOR	<b>01</b>	<b>19</b>			
VECTORS VECTORS						
<b>Missed Approach</b>		<b>01</b>	<b>19</b>			
Heading	Lt VX	Lt DC	ESMO - Ground Operations			
Climb ft.	1600	1600	RWY 01	Gates/Stand		
Nav aids ESMO						
DME		NMO	111.15			
NDB		DC	370			
NDB		DH	325			
MSA 1500 ft.						

## ESOW - Västerås

CAT I (19) ARP 593522N 0163801E  
Alt. 21ft. TORA 2581m

Wind direction	278-097	098-277	Communications			
NDB	RD	LE	ESOW_TWR	Västerås Tower	130.600	
	419	333	ESSA_E_APP	Stockholm Contol	126.650	
ILS Frequency		108.30	ESOS_CTR	Sweden Control	118.400	
(ILS) Track	008	188	ESMM_CTR	Sweden Ctrl SOUTH	124.400	
			ESOS_N_CTR	Sweden Ctrl NORTH	131.050	
<b>SID</b>	Fix/VOR	<b>01</b>	<b>19</b>			
VECTORS VECTORS						
<b>STAR</b>	Fix/VOR	<b>01</b>	<b>19</b>			
VECTORS VECTORS						
<b>Missed Approach</b>		<b>01</b>	<b>19</b>			
Heading	Rt RD	Lt LE	ESOW Ground Operations			
Climb ft.	2100ft	2100ft	RWY 01	Gates/Stand		
Nav aids ESMT						
VORDME	AROS	ARS	112.80			
VOR	DUNKER	DKR	116.80			
VORDME	TROSA	TRS	114.30			
DME	VÄSTERÅS	TRD	108.30			
NDB		RD	419			
NDB		LE	333			
NDB		NN	362			
MSA 1600-2200ft						

## ESOK - Karlstad

CAT I ARP 592641N 0132015E  
Alt. 352ft. TORA 2516m

Wind direction	248-097	098-247	Communications			
NDB	SKS	NKS	ESOK_TWR	Karlstad Tower	119.450	
	330	341	ESOS_CTR	Sweden Control	118.400	
ILS Frequency	109.35	110.70	VFR			
(ILS) Track	023	203	VFR			
<b>SID</b>	Fix/VOR	<b>03</b>	<b>21</b>			
TESDI	KSD	2B	2C			
SIPSI	117.80	3B	3C			
<b>STAR</b>	Fix/VOR	<b>03</b>	<b>21</b>			
TESDI	KSD	3E	3F			
SIPSI	117.80	3E	3F			
<b>Missed Approach</b>		<b>03</b>	<b>21</b>			
Heading	lt. SKS	lt. NKS	ESOK Ground Operations			
Climb ft.	2500	2500	RWY 03	Gates/Stand		
Nav aids ESOK						
VOR/DME	KARLSTAD	KSD	117.80			
NDB		SKS	330			
NDB		NKS	341			
MSA 2500-3300ft						

ESOS	VFR-ESOS	6701 → 6777	Semi Circular Airspace		
ESOS	VFR-EUR-CON	7301 → 7377	Eastbound 0-180 FL ODD		
SWEDEN	DOMESTIC	0040 → 0577	Westbound 180-360 FL EVEN		
SWEDEN	EN, EF, EK	5301 → 0777	Transition Level Table		
SWEDEN	EN, EF, EK	7001 → 7177	QNH 943 - 959	FL 70	
SWEDEN	EUR-I.CON	1201 → 1277	QNH 959 - 977	FL 65	
SWEDEN	EUR-I.CON	1401 → 1477	QNH 978-995	FL 60	
SWEDEN	EUR-I.CON	1601 → 1777	QNH 996 - 1013	FL 55	
SWEDEN	EAST. EUROPE	6530 → 6577	QNH 1014-1032	FL 50	
SWEDEN	EAST. EUROPE	7201 → 7727	QNH 1033-1050	FL 45	

Transition ALT	5000 ft	Seperations			
Initial alt clearance	5000 ft	Arrivals		Departure	
Handover to DEP/APP	2000 ft	Normal	3N	L/M → H	2Min
Handover to ACC	FL 095	Heavy-Heavy	4N	L → M	2Min
Speed FL 100 or below	250 Kn	Medium-Heavy	5N or 2M	Same dep	2Min
Airspace		Light-Medium	5N or 3M	Divergent	1Min
C	GND - FL460	Light-Heavy	6N or 3M		
G	GND - FL095	HIJACK	7500		
Airspace TMA/CTR		COMMUNICATIONS FAILURE	7600		
C	GND - FL095	EMERGENCY	7700		



## ESST - Torsby

CAT I ARP 600917N 0125937E  
Alt. 393ft. TORA 1591m

Wind direction	359-178	179-358	Communications		
NDB	TH 402	TY 394	ESST_TWR	Torsby Information	122.050
ILS Frequency	108.70	110.90	ESOS_CTR	Sweden Control	118.400
(ILS) Track	155	335	VFR		
No mandatory entry / exit					
ESST - Ground Operations					
SID	Fix/VOR	16	34	RWY 16 Gates/Stand	
VECTORS		VECTORS		ARR	DEP S M H
STAR	Fix/VOR	16	34	A A, Btr No defined stand	
VECTORS		VECTORS		ARR	DEP S M H
Missed Approach	16	34	A A No defined stand		
Nav aids ESST					
Heading	160	340	DME	TORSBY	NST 107.70
Climb ft.	2200	2200	NDB		TH 402
MSA	2900 - 3300ft		NDB		TY 377

## ESOH - Hagfors

CAT I (18) ARP 600116N 0133444E  
Alt. 474ft. TORA 1509m

Wind direction	084-233	234-083	Communications		
NDB	HT 345	AB 393	ESOH_TWR	Hagfors Information	122.225
ILS Frequency	110.10		ESOS_CTR	Sweden Control	118.400
(ILS) Track	174	354	VFR		
No mandatory entry / exit					
ESOH - Ground Operations					
SID	Fix/VOR	18	36	RWY 18 Gates/Stand	
VECTORS		VECTORS		ARR	DEP S M H
STAR	Fix/VOR	18	36	Btr, A A No defined stand	
VECTORS		VECTORS		ARR	DEP S M H
Missed Approach	18	36	A A, Btr No defined stand		
Nav aids ESOH					
Heading	180	360	DME	HAGFORS	IHF 110.10
Climb ft.	2000ft	2000ft	NDB		HT 345
MSA	2000-2900ft		NDB		AB 393

## ESFS - SANDVIK

Alt. 36ft ARP 57041N 016519E

TORA	ESFS_TWR	Sandvik Radio	123.350
RWY 17 35 Asphalt	600 m	ESOS_CTR	Sweden Control 118.400

## ESQO - ARBOGA

Alt. 33ft ARP 59233N 015554E

TORA	ESQO_TWR	Arboga Flygklubb	123.150
RWY 15 33 Asphalt	2000 m	ESOS_CTR	Sweden Control 129.850

## ESKC - SUNDBRO

Alt. 62ft ARP 59555N 017326E

TORA	ESKC_TWR	Sundbro Radio	123.350
RWY 03/0621/24 Grass	630 m	ESOS_CTR	Sweden Control 129.850
RWY 14 32 Grass	435 m	TMA ESSA	ESCM_TWR Uppsala Tower 119.200

## ESKD - DALA JÄRNA

Alt. 773ft ARP 60334N 014228E

TORA	ESKD_TWR	Dala Järna Flygklubb	123.350
RWY 03 21 Grass	900 m	ESOS_CTR	Sweden Control 118.400

## ESKG - GRYT TJOM

Alt. 105ft ARP 60173N 017255E

TORA	ESKG_TWR	Gryttjom Radio	123.400
RWY 18 36 Grass	900 m	ESOS_CTR	Sweden Control 118.400

## ESKH - EKSHARAD

Alt. 460ft ARP 60093N 013319E

TORA	ESKH_TWR	Ekshärad Radio	123.450
RWY 15 33 Grass	540 m	ESOS_CTR	Sweden Control 118.400

## ESKK - KARLSKOGA

Alt. 400ft ARP 59207N 014297E

TORA	ESKK_TWR	Karlskoga Radio	122.550
RWY 03 21 Asphalt	1499 m	ESOS_CTR	Sweden Control 129.850

## ESKO - MUNKFORS

Alt. 279ft ARP 59579N 013294E

TORA	ESKO_TWR	Munkfors Flygklubb	123.600
RWY 03 21 Grass	700 m	ESOS_CTR	Sweden Control 118.400

## ESKT - TIERP

Alt. 129ft ARP 60207N 017253E

TORA	ESKT_CTR	Tierp Radio	123.400
RWY 16 34 Asphalt	850 m	ESOS_CTR	Sweden Control 118.400

## ESKU - SUNNE

Alt. 380ft ARP 59516N 013068E

TORA	ESKU_TWR	Sunne Flygklubb	123.200
RWY 03 21 Grass	770 m	ESOS_CTR	Sweden Control 118.400

## ESMC - EKSJÖ RANNESLAT

Alt. 720ft ARP 57400N 014568E

TORA	ESMC_TWR	Eksjö Flygklubb	123.450
RWY 01 19 Grass	1000 m	ESOS_CTR	Sweden Control 118.400

## ESMZ - ÖLANDA

Alt. 27ft ARP 59197N 017035E

TORA	ESMZ_TWR	Ölanda Radio	123.650
RWY 15 33 Grass	600 m	ESOS_CTR	Sweden Control 118.400

## ESOL - STORVIK LEMSTANÄS

Alt. 210ft ARP 60350N 016363E

TORA	ESOL_TWR	Storvik Flygklubb	123.550
RWY 06 24 Asphalt	620 m	ESOS_CTR	Sweden Control 118.400

## ESSC - EKEBY ESKILSTUNA

Alt. 27ft ARP 59232N 0162631E

TORA	ESSC_TWR	Eskilstuna Flygklubb	123.200
RWY 05 23 Grass	800 m	ESOS_CTR	Sweden Control 118.400

## ESSE - SKÅ EDEBY

Alt. 17ft ARP 59207N 017444E

TORA	ESSE_TWR	Skå Radio	123.200
RWY 11 29 Grass	800 m	ESOS_CTR	Sweden Control 118.400

## ESSH - LAXA

Alt. 900ft ARP 58587N 014400E

TORA	ESSH_TWR	Laxa Flygklubb	123.500
RWY 03 21 Grass	900 m	ESOE_TWR	Örebro Tower CLRNCE 120.275

## ESSI - VISINGSÖ

Alt. 309ft ARP 58059N 014242E

TORA	ESSI_TWR	Visingsö Radio	123.500
RWY 15 33 Grass	800 m	ESOS_CTR	Sweden Control 118.400

## ESSM - BRATTFORSHEDE

Alt. 588ft ARP 59365N 013547E

TORA	ESSM_TWR	Brattforsheden Radio	123.600
RWY 08 26 Grass	1000 m	TMA ESOK	ESOK_TWR Karlstad Tower 119.450

## ESSN - NORRTALJE

Alt. 40ft ARP 59440N 018418E

TORA	ESSN_TWR	Norrtalje Radio	123.325
RWY 07 25 Asphalt	650 m	TMA ESSA	ESOK_TWR Karlstad Tower 119.450

## ESVG - GAGNAF

Alt. 575ft ARP60331N 015049E

TORA	ESVG_TWR	Gagnefs Flygklubb	123.550
RWY 08 26 Grass	600 m	TMA ESSD	ESOS_CTR Sweden Control 118.400

ESOS	VFR- ESOS	6701 → 6777	Semi Circular Airspace	
ESOS	VFR EUR-CON	7301 → 7377	Eastbound 0-180	FL ODD
SWEDEN	DOMESTIC	0040 → 0577	Westbound 180-360	FL EVEN
SWEDEN	EN, EF, EK	5301 → 0777	Transition Level Table	
SWEDEN	EN, EF, EK	7001 → 7177	QNH 943 - 959	FL 70
SWEDEN	EUR-I.CON	1201 → 1277	QNH 959 - 977	FL 65
SWEDEN	EUR-I.CON	1401 → 1477	QNH 978-995	FL 60
SWEDEN	EUR-I.CON	1601 → 1777	QNH 996 - 1013	FL 55
SWEDEN	EAST. EUROPE	6530 → 6577	QNH 1014-1032	FL 50
SWEDEN	EAST. EUROPE	7201 → 7727	QNH 1033-1050	FL 45

## ESSW - VÄSTERVIK

Alt. 129ft ARP 57468N 016314E

TORA	ESSW_TWR	Västervik Radio	122.100
RWY 15 33 Asphalt	800 m	ESOS_CTR	Sweden Control 118.400

## ESSX - JOHANNESBERG

Alt. 25ft ARP 59346N 016302E

TORA	ESSX_TWR	Johannesberg Radio	123.650
RWY 05 23 Asphalt	850 m	ESOS_CTR	Sweden Control 129.850
RWY 16 34 Grass	700 m	TMA ESSA	ESOW_TWR Västerås Tower 130.600

## ESSZ - VÄNGSJÖ

Alt. 56ft ARP 59061N 017127E

TORA	ESSZ_TWR	Vängsjö Radio	123.350
RWY 03 21 Grass	630 m	ESOS_CTR	Sweden Control 118.400
RWY 15 33 Grass	620 m	TMA ESSA	

## ESVA - AVESTA

Alt. 279ft ARP 60108N 016074E

TORA	ESVA_TWR	Avesta Radio	123.550
RWY 15 33 Grass	850 m	TMA ESSD	ESSD_TWR Börlänge Tower 127.300

## ESVB - BUNGE

Alt. 66ft ARP 57150N 019023E

TORA	ESVB_TWR	Bunge Flygklubb	123.400
RWY 03 21 Grass	630 m	ESOS_CTR	Sweden Control 118.400

## ESVH - HÄLLEFORS

Alt. 132ft ARP 59013N 016132E

TORA	ESVH_TWR	Hällefors Flygklubb	123.150
RWY 18 36 Gravel	780 m	ESOS_CTR	Sweden Control 118.400

## ESVK - KATRINEHOLM

Alt. 132ft ARP 57400N 014568E

TORA	ESVK_TWR	Katrineholm Flygklubb	123.200
RWY 15 33 Grass	700 m	ESOS_CTR	Sweden Control 118.400

## ESVM - SKINNLANDA MALUNG

Alt. 975ft ARP 60395N 013436E

TORA	ESVM_TWR	Malung Flygklubb	123.325
RWY 16 34 Asphalt	800 m	ESOS_CTR	Sweden Control 118.400

## ESVQ - KÖPING

Alt. 25ft ARP 59317N 015582E

TORA	ESVQ_TWR	Köping Flygklubb	123.150
RWY 07 25 Grass	700 m	TMA ESOE	ESOS_CTR Sweden Control 118.400

## ESVS - SILJANSNAS

Alt. 27ft ARP 60471N 0144961E

TORA	ESVS_TWR	Siljansnäs Flygklubb	123.550
RWY 05 23 Grass	800 m	TIA ESKM	ESOS_CTR Sweden Control 118.400

## ES03 - BACKA

Alt. 500ft ARP 60330N 013060E

TORA	**** **	NO RADIO	*** **
RWY 14 32 Grass	650 m	ESOS_CTR	Sweden Control 118.400

## ES04 - FINSPANG

Alt. 164ft ARP 58441N 015364E

TORA	ES04-TWR	Finspång Flygklubb	123.250
RWY 03 21 Grass	800 m	TMA ESSP	ESSP_APP Östgöta Control 132.950

## ESKA - GIMO LUNDA

Alt. 67ft ARP 60080N 018070E

TORA	ESKA_TWR	Lunda Radio	123.450
RWY 05 23 Asphalt	1000 m	TMA ESSA	ESSA_APP Stockholm Contol 126.650

## ES08 - ODESTUGA

Alt. 673ft ARP 57362N 014178E

TORA	ES08_TWR	Jönköping SEGEL	123.450
RWY 18 36 Grass	550 m	TMA ESGJ	ESOS_CTR Jönköping Tower 118.250

## ES11 - SKÄRSTAD MOTALA

Alt. 338ft ARP 58295N 015062E

TORA	ES11_TWR	Motala Flygklubb	123.525
RWY 01 19 Grass	800 m	TMA ESSL	ESKN_APP Östgöta Control 132.950

## ES12 - NORBERG

Alt. 164ft ARP 60065N 015573E

TORA	ES12-TWR	Norberg Radio	123.150
RWY 01 19 Asphalt	760 m	TMA ESSD	ESSD_TWR BörlängeTower 127.300

## ES14 - SALANDA

Alt.140ft ARP 59270N 017420E

TORA	ES14_TWR	Sala Radio	123.350
RWY 15 33 Grass	640 m	ESOS_CTR	Sweden Control 118.400

## ES16 - FRÖLUNDA

Alt. 30ft ARP 57362N 014178E

TORA	ES16_TWR	Frölunda Ultraflyg	123.400
RWY 16 34 Grass	750 m	ESOS_CTR	Sweden Control 118.400
RWY 07 25 Grass	430 m	TMA ESSA	ESSA_APP Stockholm Contol 126.650

Transition ALT	5000 ft	Seperations	
Initial alt clearance	5000 ft	Arrivals	Departure
Handover to DEP/APP	2000 ft	Normal	3N L/M → H 2Min
Handover to ACC	FL 095	Heavy-Heavy	4N L → M 2Min
Speed FL 100 or below	250 Kn	Medium-Heavy	5N or 2M Same dep 2Min
Airspace		Light-Medium	5N or 3M Divergent 1Min
C	GND - FL460	Light-Heavy	6N or 3M
G	GND - FL095	HIJACK	7500
Airspace TMA/CTR		COMMUNICATIONS FAILURE	7600
C	GND - FL095	EMERGENCY	7700



ESND - Sveg		TA6000		ARP 620252N 0142527E	
Alt. 1178ft.		TORA 1702m			
Wind direction	354-173	174-35	Communications		
NDB	OY		ESND_TWR	Sveg Information	122.200
ILS Frequency	109.10		ESOS_N_CTR	Sweden Ctrl NORTH	131.050
(ILS) Track	084	264	ESOS_CTR	Sweden Control	118.400
VFR			No mandatory entry / exit		
ESND Ground Operations			ESND Ground Operations		
VECTORS			VECTORS		
STAR	Fix/VOR	09 27	RWY 09	Gates/Stand	
Missed Approach			Missed Approach		
Heading			Heading		
Climb ft.			Climb ft.		
MSA			MSA		
TRANSITION ALTITUDE ESND = 6000 ft.					
Nav aids ESND			Nav aids ESND		
DME			DME		

ESNG - Gällivare		ARP 670759N 0204844E			
Alt. 1027ft.		TORA 1714m			
Wind direction	021-200	201-020	Communications		
NDB	TG	LO	ESNG_TWR	Gällivare Information	122.100
ILS Frequency	346	325	ESOS_N_CTR	Sweden Ctrl NORTH	131.050
(ILS) Track	111	291	ESOS_CTR	Sweden Control	118.400
VFR			No mandatory entry / exit		
ESNG Ground Operations			ESNG Ground Operations		
VECTORS			VECTORS		
STAR	Fix/VOR	12 30	RWY 09	Gates/Stand	
Missed Approach			Missed Approach		
Heading			Heading		
Climb ft.			Climb ft.		
MSA			MSA		
Nav aids ESNG			Nav aids ESNG		
DME			DME		

ESNL - Lycksele		ARP 643251N 0184303E			
Alt. 705ft.		TORA 2000m			
Wind direction	037-236	237-036	Communications		
NDB	DD	OL	ESNL_TWR	Lycksele Information	122.225
ILS Frequency	108.70	110.5	ESOS_N_CTR	Sweden Ctrl NORTH	131.050
(ILS) Track	137	317	ESOS_CTR	Sweden Control	118.400
VFR			No mandatory entry / exit		
ESNL Ground Operations			ESNL Ground Operations		
VECTORS			VECTORS		
STAR	Fix/VOR	14 32	RWY 14	Gates/Stand	
Missed Approach			Missed Approach		
Heading			Heading		
Climb ft.			Climb ft.		
MSA			MSA		
Nav aids ESNL			Nav aids ESNL		
DME			DME		

ESNY - Söderhamn		ARP 611541N 0170554E			
Alt. 88ft.		TORA 2524m			
Wind direction	036-215	216-035	Communications		
NDB	OZ		ESNY_TWR	Söderhamn Information	135.350
ILS Frequency	110.50		ESOS_N_CTR	Sweden Ctrl NORTH	131.050
(ILS) Track	126	306	ESOS_CTR	Sweden Control	118.400
VFR			No mandatory entry / exit		
ESNY Ground Operations			ESNY Ground Operations		
VECTORS			VECTORS		
STAR	Fix/VOR	12 30	RWY 12	Gates/Stand	
Missed Approach			Missed Approach		
Heading			Heading		
Climb ft.			Climb ft.		
MSA			MSA		
Nav aids ESNY			Nav aids ESNY		
DME			DME		

ESNN - Sundsvall/Härnosand		ARP 623146N 0172634E			
Alt. 16ft.		TORA 1952m			
Wind direction	065-244	245-064	Communications		
NDB	OS		ESNN_TWR	Sundsvall Tower	129.550
ILS Frequency	110.30		ESOS_N_CTR	Sweden Ctrl NORTH	131.050
(ILS) Track	155	335	ESOS_CTR	Sweden Control	118.400
VFR			No mandatory entry / exit		
ESNN - Ground Operations			ESNN - Ground Operations		
VECTORS			VECTORS		
STAR	Fix/VOR	16 34	RWY 16	Gates/Stand	
Missed Approach			Missed Approach		
Heading			Heading		
Climb ft.			Climb ft.		
MSA			MSA		
Nav aids ESNN			Nav aids ESNN		
DME			DME		

ESNZ - Åre/Östersund TA6000		ARP 631140N 0143001E			
Alt. 1233ft.		TORA 2500m			
Wind direction	022-201	202-021	Communications		
NDB	DJ		ESNZ_TWR	Östersund Tower	135.650
ILS Frequency	109.50	VOR	ESNZ_APP	Östersund Control	135.650
(ILS) Track	112	292	ESOS_CTR	Sweden Control	118.400
VFR			No mandatory entry / exit		
ESNZ - Ground Operations			ESNZ - Ground Operations		
VECTORS			VECTORS		
STAR	Fix/VOR	12 30	RWY 12	Gates/Stand	
Missed Approach			Missed Approach		
Heading			Heading		
Climb ft.			Climb ft.		
MSA			MSA		
Nav aids ESNZ			Nav aids ESNZ		
DME			DME		

ESOS	VFR-ESOS	6701 → 6777	Semi Circulair Airspace	
ESOS	VFR EUR-CON	7301 → 7377	Eastbound 0-180	FL ODD
SWEDEN	DOMESTIC	0040 → 0577	Westbound 180-360	FL EVEN
SWEDEN	EN, EF, EK	5301 → 0777	Transition Level Table	
SWEDEN	EN, EF, EK	7001 → 7177	QNH 943 - 959	FL 70
SWEDEN	EUR-I.CON	1201 → 1277	QNH 959 - 977	FL 65
SWEDEN	EUR-I.CON	1401 → 1477	QNH 978-995	FL 60
SWEDEN	EUR-I.CON	1601 → 1777	QNH 996 - 1013	FL 55
SWEDEN	EAST. EUROPE	6530 → 6577	QNH 1014-1032	FL 50
SWEDEN	EAST. EUROPE	7201 → 7727	QNH 1033-1050	FL 45

Transition ALT	5000 ft	Separations	
Initial alt clearance	5000 ft	Arrivals	Departure
Handover to DEP/APP	2000 ft	Normal	3N L/M → H 2Min
Handover to ACC	FL 095	Heavy-Heavy	4N L → M 2Min
Speed FL 100 or below	250 Kn	Medium-Heavy	5N or 2M Same dep 2Min
Airspace		Light-Medium	5N or 3M Divergent 1Min
C	GND - FL460	Light-Heavy	6N or 3M
G	GND - FL095	HIJACK	7500
Airspace TMA/CTR		COMMUNICATIONS FAILURE	7600
C	GND - FL095	EMERGENCY	7700



ESNU - Umeå				CAT I (14)		ARP 634735N 0201648E	
Wind direction				042-221	222-041	Communications	
NDB	OU	WU	ESNU_D_GND		Umeå De-icing	121.775	
	425	329	ESNU_TWR		Umeå Tower	119.800	
ILS Frequency	109.90	110.70	ESOS_N_CTR		Sweden Ctrl NORTH	131.050	
(ILS) Track	132	312	ESOS_CTR		Sweden Control	118.400	
<b>SID</b>	Fix/VOR	<b>14</b>	<b>32</b>	VFR			
DEDIT	UME	4B	4C	1L	YTTER	▲	R-254 UME 7.9Nm
SOPLI	114.10		4C	1L	STROM	▲	R-187 UME 7.3Nm
TINDO		3B	3C	1L	TAFTE	▲	R-063 UME 6.0Nm
					MARK	▲	R-351 UME 6.9Nm
<b>STAR</b>	Fix/VOR	<b>14</b>	<b>32</b>	ESNU - Ground Operations			
KETEL	UME		1S		RWY 14	Gates/Stand	
UMSOM	114.10	4E	4C	2R	ARR	DEP	S M H
TINDO			1S	3F	D	D, Btr	GA/Fuel
LENSO			1S		Btr, C	C, Btr.	1-5
					Btr, B	B, Btr.	31 Cargo
<b>Missed Approach</b>		<b>14</b>	<b>32</b>	ESNU - Ground Operations			
Heading	rt. OU	tl. WU			RWY 32	Gates/Stand	
Climb ft.	2900	2500			ARR	DEP	S M H
MSA	1600 - 2900ft		Nav aids ESNU				
			VOR/DME	Umeå	UME	114.10	
			NDB		OS	378	
			NDB		WU	329	

ESNQ - Kiruna TA6000				CAT I (21)		ARP 674917N 0202008E	
Wind direction				297-116	117-296	Communications	
NDB		OP	ESNQ_TWR		Kiruna Tower	130.150	
		360	ESOS_N_CTR		Sweden Ctrl NORTH	131.050	
ILS Frequency		110.30	ESOS_CTR		Sweden Control	118.400	
(ILS) Track		027			VFR		
<b>SID</b>	Fix/VOR	<b>03</b>	<b>21</b>	VFR			
TERPA	KRA	3B	3C	Entry/Exit	Radial	Dir	Alt
VAGAS	115.20	3B	3C	SISKA	▲	R-138 KRA 12.0Nm	W <31
<b>STAR</b>	Fix/VOR	<b>03</b>	<b>21</b>	TAIGA	▲	R-159 KRA 7.2Nm	E <31
TERPA	KRA	3E	3F	ALTA	▲	R-086 KRA 5.8Nm	N <31
VAGAS	115.20	3E	3F	VOLOS	▲	R-002 KRA 10.6Nm	W <31
LAPLA			3F	VISCARIA	▲	R-306 KRA 5.6Nm	W <31
				KAALAS	▲	R-232 KRA 8.0Nm	N <31
<b>Missed Approach</b>		<b>03</b>	<b>21</b>	ESNQ - Ground Operations			
Heading	tr. KRA	lt. OP		RWY 03	Gates/Stand		
Climb ft.	4500	4500		ARR	DEP	S M H	
				Btr, A	A, Btr	GA	1-3 1-3
				Btr, B	B, Btr.	GA	1-3 1-3
				RWY 21	Gates/Stand		
				ARR	DEP	S M H	
				Btr, A	A, Btr	GA	1-3 1-3
				Btr, B	B, Btr.	GA	1-3 1-3
				MSA 3800-5500ft			
				TRANSITION ALTITUDE ESNQ= 6000 ft.			

ESNO - Örnsköldsvik				CAT I (12)		ARP 632428N 0185933E	
Wind direction				026-205	206-025	Communications	
NDB	OD	OO	ESNO_TWR		Örnsköldsvik Tower	122.250	
	322	369	ESOS_N_CTR		Sweden Ctrl NORTH	131.050	
ILS Frequency	110.10		ESOS_CTR		Sweden Control	118.400	
(ILS) Track	116	296	VFR				
<b>SID</b>	Fix/VOR	<b>12</b>	<b>30</b>	VFR			
				Entry/Exit	Radial	Dir	Alt
				ANGSTA	▲	R-220 OSK 5.7Nm	W <24
				SALUSAND	▲	R-060 OSK 8.0Nm	E <24
				RULLNAS	▲	R-334 OSK 6.7Nm	N <24
				TREHORNINGEN	▲	R-267 OSK 7.5Nm	W <24
<b>STAR</b>	Fix/VOR	<b>12</b>	<b>30</b>	ESNO Ground Operations			
				RWY 12	Gates/Stand		
				ARR	DEP	S M H	
				Btr, A	A, Btr	GA	1-3
				RWY 30	Gates/Stand		
				ARR	DEP	S M H	
				Btr, A	A, Btr	GA	1-3
				MSA 2000 - 3000 ft.			
VOR/DME	Örnsköldsvik	OSK	115.10				
DME	Örnsköldsvik	NO	110.10				
NDB		OD	322				
NDB		OO	369				

ESNK - Kramfors/Sollefteå				CAT I (35)		ARP 630255N 0174608E	
Wind direction				077-256	257-076	Communications	
NDB	KG	LUE	ESNK_TWR		Kramfors Information	122.150	
	326	427	ESOS_N_CTR		Sweden Ctrl NORTH	131.050	
ILS Frequency	109.30	109.70	ESOS_CTR		Sweden Control	118.400	
(ILS) Track	167	347	VFR				
<b>SID</b>	Fix/VOR	<b>17</b>	<b>35</b>	No mandatory entry / exit			
				ESNK Ground Operations			
				RWY 12	Gates/Stand		
				ARR	DEP	S M H	
				Btr	Btr	No defined stand	
				RWY 30	Gates/Stand		
				ARR	DEP	S M H	
				Btr	Btr	No defined stand	
				Nav aids ESNK			
				DME	Kramfors	NK	109.70
				NDB		LUE	427
				NDB		KG	326
				MSA 2500-3300ft			

ESNS - Skellefteå				CAT II (28)		ARP 643729N 0210437E	
Wind direction				009-198	189-008	Communications	
NDB		OS	ESNS_TWR		Skellefteå Tower	122.050	
		369	ESOS_N_CTR		Sweden Ctrl NORTH	131.050	
ILS Frequency		109.50	ESOS_CTR		Sweden Control	118.400	
(ILS) Track		099			VFR		
<b>SID</b>	Fix/VOR	<b>10</b>	<b>28</b>	VFR			
				Entry/Exit	Radial	Dir	Alt
				RENFORS	▲	R-224 SKA 6.2Nm	SW <12
				BECK	▲	R-135 SKA 7.5Nm	SE <12
				HAMN	▲	R-048 SKA 5.9Nm	NE <12
				TJARN	▲	R-337 SKA 5.5Nm	N <12
<b>STAR</b>	Fix/VOR	<b>10</b>	<b>28</b>	ESNS Ground Operations			
				RWY 10	Gates/Stand		
				ARR	DEP	S M H	
				Btr, A	A, Btr	5	1-4
				RWY 28	Gates/Stand		
				ARR	DEP	S M H	
				Btr, A	A, Btr	5	1-4
				MSA 1800 - 2500 ft.			
VOR/DME	Skellefteå	SKA	113.40				
NDB		OS	369				

ESNX - Arvidsjaur				CAT I		ARP 653525N 0191655E	
Wind direction				032-211	212-031	Communications	
NDB	AN	AS	ESNX_TWR		Arvidsjaur Tower	123.000	
	381	358	ESOS_N_CTR		Sweden Ctrl NORTH	131.050	
ILS Frequency	109.35	111.50	ESOS_CTR		Sweden Control	118.400	
(ILS) Track	122	302	VFR				
<b>SID</b>	Fix/VOR	<b>12</b>	<b>30</b>	VFR			
				Entry/Exit	Radial	Dir	Alt
				RAVEN	▲	NX 7.6Nm	W <26
				ABBOR	▲	NX 8.6Nm	S <26
				DEPPIS	▲	NX 6.9Nm	E <26
				RONNBERG	▲	NX 6.9Nm	N <26
<b>STAR</b>	Fix/VOR	<b>12</b>	<b>30</b>	ESNX Ground Operations			
				RWY 12	Gates/Stand		
				ARR	DEP	S M H	
				Btr, A	B, Btr	1-5	1-5
				RWY 30	Gates/Stand		
				ARR	DEP	S M H	
				Btr, A	B, Btr	1-5	1-5
				MSA 3300 - 4500 ft.			
DME	Arvidsjaur	NX	111.50				
DME	Arvidsjaur	ARV	109.35				
NDB		AN	381				
NDB		AS	358				
				MSA 3300 - 4500 ft.			

ESOS		VFR- ESOS		6701 → 6777		Semi Circulair Airspace	
ESOS	VFR EUR-CON	7301 → 7377		Eastbound 0-180 FL ODD			
SWEDEN	DOMESTIC	0040 → 0577		Westbound 180-360 FL EVEN			
SWEDEN	EN, EF, EK	5301 → 0777		Transition Level Table			
SWEDEN	EN, EF, EK	7001 → 7177		QNH 943 - 959	FL 70		
SWEDEN	EUR-I.CON	1201 → 1277		QNH 959 - 977	FL 65		
SWEDEN	EUR-I.CON	1401 → 1477		QNH 978-995	FL 60		
SWEDEN	EUR-I.CON	1601 → 1777		QNH 996 - 1013	FL 55		
SWEDEN	EAST. EUROPE	6530 → 6577		QNH 1014-1032	FL 50		
SWEDEN	EAST. EUROPE	7201 → 7727		QNH 1033-1050	FL 45		

Transition ALT		5000 ft		Separations	
Initial alt clearance	5000 ft	Arrivals		Departure	
Handover to DEP/APP	2000 ft	Normal	3N	L/M → H	2Min
Handover to ACC	FL 095	Heavy-Heavy	4N	L → M	2Min
Speed FL 100 or below	250 Kn	Medium-Heavy	5N or 2M	Same dep	2Min
Airspace		Light-Medium	5N or 3M	Divergent	1Min
C	GND - FL460	Light-Heavy	6N or 3M		
G	GND - FL095				
Airspace TMA/CTR		HIJACK			7500
C	GND - FL095	COMMUNICATIONS FAILURE			7600
		EMERGENCY			7700



## ESPA - Luleå/Kallax

CAT II (32) ARP 653236N 0220725E  
Alt. 65ft. TORA 3350m

Wind direction	039-218	219-038	Communications			
NDB	OL		ESPA_TWR	Kallax Tower	128.200	
ILS Frequency	110.30	109.90	ESPA_APP	Kallax Control	125.450	
(ILS) Track	129	309	ESOS_N_CTR	Sweden Ctrl NORTH	131.050	
			ESOS_CTR	Sweden Control	118.400	
<b>SID</b>	Fix/VOR	<b>14</b>	<b>32</b>	VFR		
BESLA	SLU 115.10	3B	3C	Entry/Exit	MSL	
RISEM		4B	4C	VALLEN	R-045 SLU 5.6Nm W <17	
SONIN		4B	4C	MULON	R-226 SLU 6.0Nm S <17	
SONIN		3P	3R	ESPA - Ground Operations		
VERAG	4B	4C	RWY 14	Gates/Stand		
<b>STAR</b>	Fix/VOR	<b>14</b>	<b>32</b>	ARR DEP S M H		
BESLA	SLU 115.10	3E	3E	A	A 20-22 3-8 3-5, 7	
ELBOG		4E	4F	RWY 32	Gates/Stand	
RISEM		4E	4F	ARR DEP S M H		
SONIN		4E	4F 3T	Navais ESPA		
ROPAK	1R		VOR/DME	Luleå	SLU 115.10	
BOLPA	1R		DME	Trundon	SPA 109.90	
LAROS	1R		NDB		TRU 421	
			NDB		OL 377	
<b>Missed Approach</b>		<b>14</b>	<b>32</b>	MSA 2000 - 3000ft		
Heading	rt. TRU	lt. TRU	INFRASTRUCTURE SOUTHWEST OF			
Climb ft.	3000	3000	THE RUNWAY PROHIBITED (MILITARY)			

## Luleå/Kallax MILITARY

DEPARTURE		ARRIVALS	
All flights NORTHBOUND	<b>14</b>	<b>STAR</b>	Fix/VOR <b>14</b> <b>32</b>
After T/O 1.6DME Right turn 145		BESLA	3E 3E
All flights SOUTHBOUND	<b>14</b>	ELBOG	4E 4F
After T/O 1.6DME Right turn 195		RISEM	4E 4F
All flights	<b>32</b>	SONIN	4E 4F 3T
After T/O 1.6DME Left turn 300		ROPAK	1R
		BOLPA	1R
		LAROS	1R

## ESUD - Storuman

CAT I (33) ARP 64577N 017418E  
Alt.915ft. TORA 2283m

Wind direction	039-218	219-038	Communications			
NDB		GUN	ESUD_TWR	Storuman Information	133.800	
ILS Frequency	110.30	110.30	ESOS_N_CTR	Sweden Ctrl NORTH	131.050	
(ILS) Track	144	324	ESOS_CTR	Sweden Control	118.400	
<b>SID</b>	Fix/VOR	<b>15</b>	<b>33</b>	VFR		
<b>STAR</b>	Fix/VOR	<b>15</b>	<b>33</b>	No mandatory entry / exit		
<b>Missed Approach</b>		<b>15</b>	<b>33</b>	ESUD - Ground Operations		
Heading	lt. FRIDA	rt. SUM	RWY 15	Gates/Stand		
Climb ft.	3100	2500	ARR DEP S M H			
			A	A No defined stand		
			RWY 33	Gates/Stand		
			ARR DEP S M H			
			A	A No defined stand		
			MSA	2700 - 3000 ft.		
			Navais ESUD			
VOR/DME	Storuman	SUM	116.30			
NDB		GUN	348			

## ESUP - Pajala/Yllas

CAT I (11) ARP 67148N 023041E  
Alt.542ft. TORA 2300m

Wind direction	020-199	200-019	Communications			
NDB	PAJ		ESUP_TWR	Pajala Tower	118.375	
ILS Frequency	111.50	111.50	ESOS_N_CTR	Sweden Ctrl NORTH	131.050	
(ILS) Track	110	324	ESOS_CTR	Sweden Control	118.400	
<b>SID</b>	Fix/VOR	<b>11</b>	<b>29</b>	VFR		
<b>STAR</b>	Fix/VOR	<b>11</b>	<b>29</b>	ESUP Ground Operations		
<b>Missed Approach</b>		<b>11</b>	<b>29</b>	RWY 11		
Heading	lt. PAJ	rt. PAJ	ARR DEP S M H	Gates/Stand		
Climb ft.	2500	2500	A, Btr.	A, Btr.	1-3 1-3	
			RWY29	Gates/Stand		
			ARR DEP S M H			
			A, Btr.	A, Btr.	1-3 1-3	
			Navais ESUP			
			NDB	PAJ	390	
			DME	PJL	115.35	
			MSA 1800 - 2300ft			

## ESNV - Vilhelmina

CAT I (28) ARP 643443N 01650023E  
Alt.1140ft. TORA 1502m

Wind direction	008-187	188-007	Communications			
NDB	DK	NV	ESNV_TWR	Vilhelmina Information	122.550	
ILS Frequency		109.90	ESOS_N_CTR	Sweden Ctrl NORTH	131.050	
(ILS) Track	098	278	ESOS_CTR	Sweden Control	118.400	
<b>SID</b>	Fix/VOR	<b>10</b>	<b>28</b>	VFR		
<b>STAR</b>	Fix/VOR	<b>10</b>	<b>28</b>	No mandatory entry / exit		
<b>Missed Approach</b>		<b>10</b>	<b>28</b>	ESNV - Ground Operations		
Heading	rt. DK	rt. NV	RWY 15	Gates/Stand		
Climb ft.	3300	3300	ARR DEP S M H			
			A, Btr.	A, Btr.	No defined stand	
			RWY 33	Gates/Stand		
			ARR DEP S M H			
			A, Btr.	A, Btr.	No defined stand	
			Navais ESNV			
			DME	Vilhelmina	INV 109.90	
			NDB		DK 348	
			NDB		NV 406	
			MSA 3400 - 3700ft			

## ESUT - Hemavan TA9000

CAT I (15) ARP 65484N 015050E  
Alt.1503ft. TORA 1594m

Wind direction	059-238	239-058	Communications			
NDB	NUT	SUT	ESUT_TWR	Hemavan Information	122.975	
ILS Frequency		111.10	ESOS_N_CTR	Sweden Ctrl NORTH	131.050	
(ILS) Track	149	329	ESOS_CTR	Sweden Control	118.400	
<b>SID</b>	Fix/VOR	<b>15</b>	<b>33</b>	VFR		
<b>STAR</b>	Fix/VOR	<b>15</b>	<b>33</b>	No mandatory entry / exit		
<b>Missed Approach</b>		<b>15</b>	<b>33</b>	ESUT Ground Operations		
Heading	lt. SUT		RWY 15	Gates/Stand		
Climb ft.	5100		ARR DEP S M H			
			A, Btr.	A, Btr.	No defined stand	
			RWY 33	Gates/Stand		
			ARR DEP S M H			
			A, Btr.	A, Btr.	No defined stand	
			Navais ESUT			
			NDB	NUT	325	
			NDB	SUT	342	
			MSA 5700 - 8300 ft.			

TRANSITION ALTITUDE ESUT= 9000 ft.

ESOS	VFR- ESOS	6701 → 6777	Semi Circulair Airspace		
ESOS	VFR EUR-CON	7301 → 7377	Eastbound 0-180 FL ODD		
SWEDEN	DOMESTIC	0040 → 0577	Westbound 180-360 FL EVEN		
SWEDEN	EN, EF, EK	5301 → 0777	Transition Level Table		
SWEDEN	EN, EF, EK	7001 → 7177	QNH 943 - 959	FL 70	
SWEDEN	EUR-I.CON	1201 → 1277	QNH 959 - 977	FL 65	
SWEDEN	EUR-I.CON	1401 → 1477	QNH 978-995	FL 60	
SWEDEN	EUR-I.CON	1601 → 1777	QNH 996 - 1013	FL 55	
SWEDEN	EAST. EUROPE	6530 → 6577	QNH 1014-1032	FL 50	
SWEDEN	EAST. EUROPE	7201 → 7727	QNH 1033-1050	FL 45	

Transition ALT	5000 ft	Seperations			
Initial alt clearance	5000 ft	Arrivals		Departure	
Handover to DEP/APP	2000 ft	Normal	3N	L/M → H	2Min
Handover to ACC	FL 095	Heavy-Heavy	4N	L → M	2Min
Speed FL 100 or below	250 Kn	Medium-Heavy	5N or 2M	Same dep	2Min
Airspace		Light-Medium	5N or 3M	Divergent	1Min
C	GND - FL460	Light-Heavy	6N or 3M		
G	GND - FL095				
Airspace TMA/CTR					
C	GND - FL095				
					HIJACK 7500
					COMMUNICATIONS FAILURE 7600
					EMERGENCY 7700



<b>ESNA - HALLVIKEN</b>				Alt. 1119ft	ARP 63443N 015272E
	TORA			ESNA_TWR	Strömsund Flygklubb 123.350
RWY	14 32	Asphalt	800 m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ESNB - SOLLEFTEÅ</b>				Alt. 433ft	ARP 63103N 016593E
	TORA			ESNB_TWR	Sollefteå Radio 122.350
RWY	14 32	Asphalt	820 m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ESNC - HEDLANDA</b>				Alt. 1460ft	ARP 62245N 013448E
	TORA			ESNC_TWR	Hedlanda Radio 123.150
RWY	06 24	Asphalt	1175 m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ESNE - ÖVERKALIX</b>				Alt. 295ft	ARP 66318N 022213E
	TORA			ESNE_TWR	Överkalix Flygklubb 123.200
RWY	05 23	Grass	900 m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ESNH - HUDIKSVALL</b>				Alt. 95ft	ARP 61461N 017048E
	TORA			ESNH_TWR	Hudiksvalls Flygplats 123.200
RWY	12 30	Asphalt	1232 m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ESNJ - JOKKMOKK</b>				Alt. 901ft	ARP 66298N 020089E
	TORA			ESNJ_TWR	Jokkmokk Information 124.850
RWY	14 32	Asphalt	2000 m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ESNM - OPTAND</b>				Alt. 1236ft	ARP 63075N 014485E
	TORA			ESNM_TWR	Fröso Tower 130.900
RWY	18 36	Asphalt	1000 m	ESNM_APP	Fröso Control 135.650
RWY	15 33	Grass	750 m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ESNP - PITEÅ</b>				Alt. 43ft	ARP 65239N 021157E
	TORA			ESNP_TWR	Piteå Radio 123.550
RWY	16 34	Asphalt	1000 m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ESNR - ORSA</b>				Alt. 683ft	ARP 61116N 014433E
	TORA			ESNR_TWR	Orsa Radio 123.400
RWY	03 21	Asphalt	1000 m	ESOS_N_CTR	Sweden_N_Control 131.050
RWY	15 33	Grass	900 m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ESPE - VIDSEL</b>				Alt. 597ft	ARP 65525N 020090E
	TORA			ESPE_TWR	Vidsel Tower 130.400
RWY	11 29	Asphalt	2230m	ESPE_APP	Vidsel Control 124.150
<b>ESUB - ARBRA</b>				Alt. 378ft	ARP 61308N 016224E
	TORA			ESUB_TWR	Arbra Flygklubb 123.200
RWY	18 36	Grass	700 m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ESUE - IDRE</b>				Alt. 1480ft	ARP 61522N 012414E
	TORA			ESUE_TWR	Idre Radio 122.750
RWY	15 33	Asphalt	1558m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ESUG - GARGNÄS</b>				Alt. 980ft	ARP 65183N 017585E
	TORA			ESUG_TWR	Gargnäs Radio 123.450
RWY	17 35	Asphalt	940 m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ESUH - HÄRNOSAND MYRAN</b>				Alt. 800ft	ARP 62380N 017588E
	TORA			ESUH_TWR	Härnosand Flygklubb 123.450
RWY	10 28	Grass	800 m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ESUI - MELLANSEL</b>				Alt. 265ft	ARP 63235N 018192E
	TORA			ESUI_TWR	Mellansel Radio 123.400
RWY	09 27	Grass	795 m	ESNO_TWR	Örnsköldsvik Tower 122.250
<b>ESUJ - TALJE ÄNGE</b>				Alt. 427ft	ARP 62339N 015500E
	TORA			ESUJ_TWR	Änge Flygklubb 123.150
RWY	14 32	Grass	910 m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ESUL - LJUSDAL</b>				Alt. 901ft	ARP 61490N 016003E
	TORA			ESUL_TWR	Ljusdal Flygklubb 123.200
RWY	09 27	Grass	620 m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ESUM - MOHED</b>				Alt. 215ft	ARP 61175N 016508E
	TORA			ESUM_TWR	Mohed Radio 123.600
RWY	12 30	Grass	620 m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ESUO - OVIKEN</b>				Alt.1640ft	ARP 63025N 014001E
	TORA			ESUO_TWR	Gräftåvallen Flygklubb 123.200
RWY	18 36	Grass	850 m	ESNM_APP	Fröso Control 135.650

<b>ESNF -Farila Air Base</b>				Alt. 206ft.	ARP 615353N 0154219E
	TORA				TORA 2126m
Wind direction		x	x	x	x
SID/STAR	Fix/VOR	X	X	X	X
				VECTORS	VECTORS
				VECTORS	VECTORS
<b>Missed Approach</b>				X	X
Heading				X	X
				X	X
<b>VFR</b>				No mandatory entry / exit	
				ESNF_TWR	Far.Tow. X
				ESNF_APP	Far. Con. X
				ESOS_CTR	Sw.Control 118.400
				ESOS_N_CT	Sw.Control 131.050

<b>ESOL - STORVIK LEMSTANÄS</b>				Alt. 210ft	ARP 60350N 016363E
	TORA			ESOL_TWR	Storvik Flygklubb 123.550
RWY	06 24	Asphalt	620 m	ESOS_CTR	Sweden Control 118.400
<b>ESSG - LUDVIKA</b>				Alt.897ft	ARP 60053N 015058E
	TORA			ESSG_TWR	Ludvika Flygklubb 123.200
RWY	01 19	Asphalt	819 m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ESUR - RAMSELE</b>				Alt. 660ft	ARP 63294N 016290E
	TORA			ESUR_TWR	Ramsele Radio 123.500
RWY	14 32	Grass	740 m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ESUS - ÅSELE</b>				Alt.1640ft	ARP 64096N 017165E
	TORA			ESUS_TWR	Åsele Flygklubb 123.200
RWY	12 30	Grass	1200m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ESUV - ÄLSVBYN</b>				Alt. 227ft	ARP 65388N 021037E
	TORA			ESUV_TWR	Älvsbyn Flygklubb 123.350
RWY	04 22	Grass	730 m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ESUY - EDSBYN</b>				Alt.1640ft	ARP 61233N 015502E
	TORA			ESUY_TWR	Edsbyn Flygklubb 123.550
RWY	11 29	Grass	540m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ES01 - ALVDALEN</b>				Alt. 750ft	ARP 61128N 014025E
	TORA			ES01-TWR	Älvdalens Flygklubb 123.400
RWY	15 33	Asphalt	655 m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ES02 - BOLLNÄS</b>				Alt.270ft	ARP 61213N 016203E
	TORA			ES02-TWR	Bollnäs Flygklubb 123.200
RWY	10 28	Gravel	750 m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ES09 - MALÅ</b>				Alt. 1050ft	ARP 65130N 018413E
	TORA			ES09-TWR	Malå Radio 123.500
RWY	14 32	Grass	610 m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ES13 - RORBACKSNÄS</b>				Alt.1640ft	ARP 61095N 012505E
	TORA			ES13-TWR	Sälensjö Flygklubb 123.450
RWY	15 33	Asphalt	1199 m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ES17 - PRÄSTBORDET</b>				Alt.188ft	ARP 62245N 016319E
	TORA			ES17-TWR	Stöde Flygklubb 123.650
RWY	08 26	Grass	600m	ESOS_N_CTR	Sweden_N_Control 131.050
<b>ES19 - SVENSTAVIK</b>				Alt. 1200ft	ARP 65130N 018413E
	TORA			ES19-TWR	Svenstavik Flygklubb 123.150
RWY	18 36	Grass	850 m	ESNM_APP	Fröso Control 135.650

<b>ESOS</b>	<b>VFR- ESOS</b>	6701 → 6777	Semi Circulair Airspace	
<b>ESOS</b>	<b>VFR EUR-CON</b>	7301 → 7377	Eastbound 0-180	FL ODD
SWEDEN	DOMESTIC	0040 → 0577	Westbound 180-360	FL EVEN
SWEDEN	EN, EF, EK	5301 → 0777	Transition Level Table	
SWEDEN	EN, EF, EK	7001 → 7177	QNH 943 - 959	FL 70
SWEDEN	EUR-I.CON	1201 → 1277	QNH 959 - 977	FL 65
SWEDEN	EUR-I.CON	1401 → 1477	QNH 978-995	FL 60
SWEDEN	EUR-I.CON	1601 → 1777	QNH 996 - 1013	FL 55
SWEDEN	EAST. EUROPE	6530 → 6577	QNH 1014-1032	FL 50
SWEDEN	EAST. EUROPE	7201 → 7727	QNH 1033-1050	FL 45

<b>Transition ALT</b>	5000 ft	Seperations	
Initial alt clearance	5000 ft	Arrivals	Departure
Handover to DEP/APP	2000 ft	Normal	3N L/M → H 2Min
Handover to ACC	FL 095	Heavy-Heavy	4N L → M 2Min
Speed FL 100 or below	250 Kn	Medium-Heavy	5N or 2M Same dep 2Min
Airspace		Light-Medium	5N or 3M Divergent 1Min
C	GND - FL460	Light-Heavy	6N or 3M
G	GND - FL095	HIJACK	7500
Airspace TMA/CTR		COMMUNCATIONS FAILURE	7600
C	GND - FL095	EMERGENCY	7700