



Quick view manual – AIRAC1403

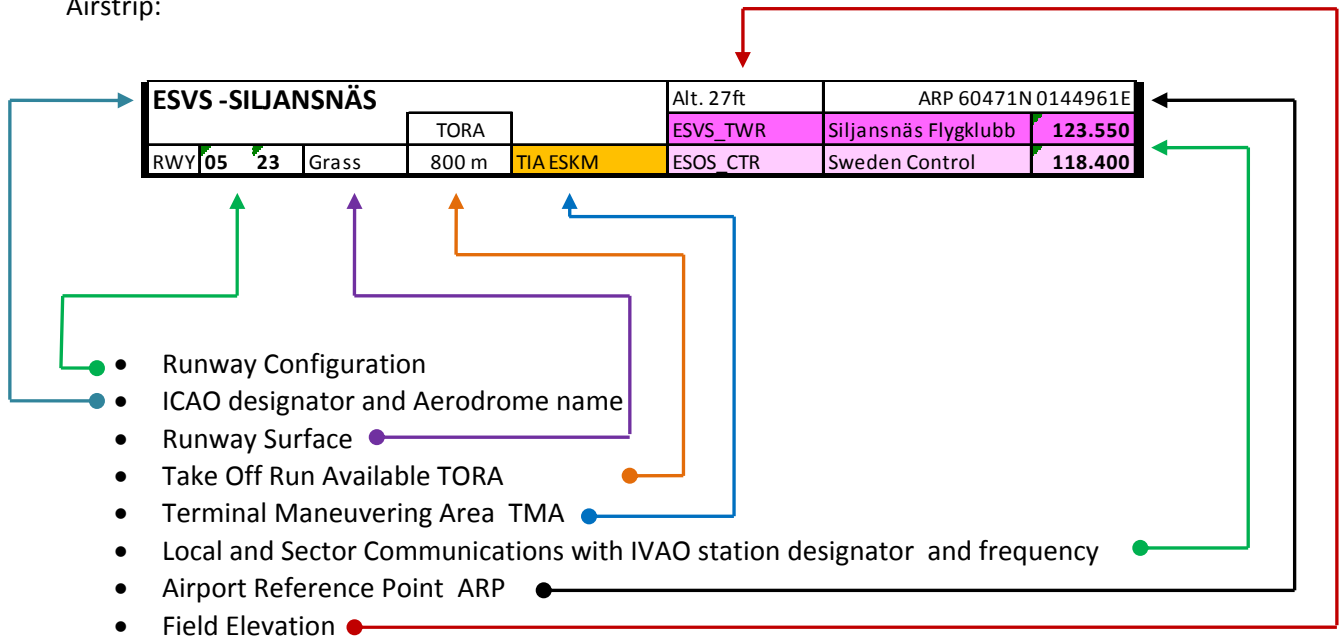
Effective 2014-03-15

Revision AIRAC 1403

25/02/2014	ESMM	FREQ CHANGED TO 124.405
28/02/2014	ESKV	ARVIKA NDB's WITHDRAWN, AIRFIELD NON LICENSED VFR ONLY
15/03/2014	ESNN	MAG RWY TRACK CHANGED
15/03/2014	ESKN	MAG RWY TRACK CHANGED
15/03/2014	ESOW	MAG RWY TRACK CHANGED
15/03/2014	ESMS	MAG RWY TRACK CHANGED
15/03/2014	ESDF	MAG RWY TRACK CHANGED
15/03/2014	ESSA	MAG RWY TRACK CHANGED
15/03/2014	ESNK	MAG RWY TRACK CHANGED
15/03/2014	ESCF	MAG RWY TRACK CHANGED
15/03/2014	ESPA	MAG RWY TRACK CHANGED
15/03/2014	ESKV	MAG RWY TRACK CHANGED
15/03/2014	ESGG	MAG RWY TRACK CHANGED
15/03/2014	ESMK	MAG RWY TRACK CHANGED
15/03/2014	ESKM	MAG RWY TRACK CHANGED
15/03/2014	ESND	MAG RWY TRACK CHANGED
15/03/2014	ESNU	MAG RWY TRACK CHANGED
15/03/2014	ESNV	MAG RWY TRACK CHANGED
15/03/2014	-	SQWK CODE RANGE CONTINENTAL INTL CHANGED TEMP. DUE INTERFERENCE QUICKVIEW ISSUE 1404 WILL INCORPORATE FINAL SQWK CODE TABLE

Quick view information layout;

Airstrip:



Small, Medium and Large aerodromes;

- Local and Sector Communications with IVAO station designator and frequency
- Takeoff Run Available (TORA)
- Airport Reference Point (ARP)
- Airfield elevation
- 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)		ARP 574530N 0140409E		
				Alt. 741 ft.		TORA 2203m		
Wind direction	350-169	170-349	Communications					
NDB	OJ 403	OA 338	ESGJ_TWR	Jonköping Tower	118.250			
ILS Frequency	VOR DME	109.90	AoR TMA = Jönköping TWR < FL095					
(ILS) Track	015	195	ESOS_CTR	Sweden Control	118.400			
			ESMM_CTR	Sweden Control	124.400			
SID				VFR				
	Fix/VOR	01	19	Entry/Exit	Radial	Dir	Alt	
NEGAS		3B	3C	MULSERYD	▲ R-237 JON 7.3Nm	SW	<22	
DEVNI		3B	4C	HYLTENA	▲ R-144 JON 5.9Nm	SE	<22	
BENGI		2B	2C	LANDSJON	▲ R-049 JON 9.3Nm	E	<22	
STAR								
	Fix/VOR	01	19	LIUNGA	▲ R-330 JON 7.4Nm	NW	<22	
NEGAS		3G	3E	3F	BOTTNARYD	▲ R-264 JON 5.5Nm	W	<22
ESGJ Ground Operations								
DEVNI		2F	3F	RWY 01 Gates/Stand				
BENGI				ARR	DEP	S	M	H
Missed Approach				RWY 19 Gates/Stand				
		01	19	<i>Btr., A</i>	<i>A, Btr.</i>	9	1-5	
Heading	lt. OJ	rt OA	RWY 19 Gates/Stand					
Climb ft.	2800	2800	ARR	DEP	S	M	H	
VFR GA				<i>A, Btr,B</i>				
		11	29	<i>Btr, A</i>				
aids ESGJ								
RWY info Grass	600	600	VOR/DME	Jonköping	JON	115.80		
MSA	3200ft		NDB		OA	338		
			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

Semi Circular Airspace			TA (ft)	5000	6000	9000	Transition ALT	5000 ft	Seperations			
Eastbound 0-180	FL ODD		QNH	TL	TL	TL	Initial alt clearance	5000 ft	Arrivals		Departure	
Westbound 180-360	FL EVEN		< 943	75	85	115	Handover to DEP/APP	2000 ft	Normal	3N	L/M → H	2Min
SQUAWK CODE TABLE			943-959	70	80	110	Handover to ACC	FL 095	Heavy-Heavy	4N	L → M	2Min
	FROM	TO	960-977	65	75	105	Speed FL 100 or below	250 Kn	Medium-Heavy	5N or 2M	Same dep	2Min
DOMESTIC VFR	0040	0057	978-995	60	70	100	Airspace		Light-Medium <th>5N or 3M</th> <th>Divergent</th> <th>1Min</th>	5N or 3M	Divergent	1Min
DOMESTIC IFR	0501	0577	996-1013	55	65	95	C GND - FL460		Light-Heavy <th>6N or 3M</th> <td></td> <td></td>	6N or 3M		
SCANDINAVIA IFR (EK,EN)	7401	7477	1014-1031	50	60	90	G GND - FL095		HUJACK			7500
EUROPE IFR	6701	6777	>1050	45	55	85	Airspace TMA/CTR		COMMUNICATIONS FAILURE			7600
CONTINENTAL IFR	2501	2577		40	50	80	C GND - FL095		EMERGENCY			7700
TRANSIT IFR	5001	5077										

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

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.



ESGG - Göteborg Landvetter

CAT II ARP 573963N 00121728E Alt. 506 ft TORA 3299m

Table with columns for Wind direction, NDB, ILS Frequency, SID, STAR, Missed Approach, VFR GA, and Nav aids ESGG. Includes frequencies like 295-114, 115-294 and various communication codes.

Table with columns for Communications, VFR, and Ground Operations. Lists frequencies for delivery, ground, tower, director, and control, along with approach and control procedures.

ESMS - Malmö Sturup

CAT I(35) II (17) ARP 553254N 0132112E Alt. 236 ft TORA 2800m

Table with columns for Wind direction, NDB, ILS Frequency, SID, STAR, Missed Approach, VFR GA, and Nav aids ESMS. Includes frequencies like 295-114, 115-294 and various communication codes.

Table with columns for Communications, VFR, and Ground Operations. Lists frequencies for tower, control, approach, and control, along with approach and control procedures.

ESGP - Göteborg Säve

CAT I ARP 574632N 0115214E Alt. 59ft TORA 2039m

Table with columns for Wind direction, NDB, ILS Frequency, SID, STAR, Missed Approach, VFR GA, and Nav aids ESGG. Includes frequencies like 293-102, 103-292 and various communication codes.

Table with columns for Communications, VFR, and Ground Operations. Lists frequencies for tower, director, control, and approach, along with approach and control procedures.

EKRN - Bornholm/Rønne

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

Table with columns for Wind direction, NDB, ILS Frequency, SID, STAR, Missed Approach, VFR GA, and Nav aids EKRN. Includes frequencies like 021-200, 201-020 and various communication codes.

Table with columns for Communications, VFR, and Ground Operations. Lists frequencies for control, approach, and control, along with approach and control procedures.

Table with columns for Transition ALT, Airspace, and Separations. Details clearance heights and separation minima for arrivals and departures.



ESMT - Halmstad

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

Wind direction	279-98	99-278	Communications			
NDB	MF 421	LT 336	ESMT_TWR	Halmstad Tower	130.100	
AoR TMA = Halmstad TWR < FL095						
ILS Frequency	NDB DME 003	110.10 183	ESMM_CTR	Sweden Control	124.405	
(ILS) Track			ESOS_CTR	Sweden Control	118.400	
VFR						
SID	Fix/VOR	01	19			
VAKTA	HS 420	1K	1L			
STAR	Fix/VOR	01	19			
PELOX	RNav	1R	1T			
ESMT Ground Operations						
RWY1 Gates/Stand						
ARR DEP S M H						
C C C GA						
Heading Lt MF Rt LT						
Climb ft. 2600 2600						
Navais ESMT						
RWY19 Gates/Stand						
ARR DEP S M H						
C C C GA						
NDB MF 421						
NDB LT 336						
VORDME SVD 116.20						
Min. Sector Alt. 2600 ft.						
NOTE: EAST APRON MILITARY ONLY						

ESMK - Kristianstad

CAT I (19) ARP 555514N 0140507E
Alt. 76 ft TORA 2215m

Wind direction	279-98	99-278	Communications			
NDB	KD 375	OEM 363	ESMK_TWR	Kristianstad Tower	129.350	
AoR TMA = Kristianstad TWR < FL095						
ILS Frequency	NDB DME 004	108.50 184	ESMM_CTR	Sweden Control	124.405	
(ILS) Track			ESOS_CTR	Sweden Control	118.400	
VFR						
SID	Fix/VOR	01	19(RT)			
STAR	Fix/VOR	01	19			
ESMK Ground Operations						
RWY1 Gates/Stand						
ARR DEP S M H						
C C C GA						
Heading Lt KD Rt OEM						
Climb ft. 2200 2200						
Navais ESMK						
RWY19 Gates/Stand						
ARR DEP S M H						
C C C GA						
NDB KD 375						
NDB MOE 363						
DME MK 108.50						
Min. Sector Alt. 2200 ft.						

ESMQ - Kalmar

CAT I (16) ARP 564108N 0161715E
Alt. 18ft TORA 2050m

Wind direction	058-237	238-057	Communications			
NDB	KM 366	OS 360	ESMQ_TWR	Kalmar Tower	130.800	
AoR TMA = Kalmar TWR < FL095						
ILS Frequency	108.70	VOR 328	ESMM_CTR	Sweden Control	124.405	
(ILS) Track	148		ESOS_CTR	Sweden Control	118.400	
VFR						
SID	Fix/VOR	16	34			
LATVI	4B	4C				
MOVIS	2B	2C				
TILSA	4B					
LAGIS	4B					
STAR	Fix/VOR	16	34			
LATVI	5E	6F				
MOVIS	3E					
TILSA	5E					
LAGIS	5E	6F				
Missed Approach	16	34				
Heading Rt KM Lt KAL						
Climb ft. 2000 2000						
VFR GA 05 23						
RWY info Asphalt 656 656						
Min. Sector Alt. 1700-2800ft						
Navais ESMQ						
RWY34 Gates/Stand						
ARR DEP S M H						
A A Apron2						
Btr, A8 A8, Btr. 1-4						
A A GA						
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	
AoR TMA = Ronneby TWR < FL095						
ILS Frequency	NDB 004	110.70 184	ESDF_APP	Ronneby Control	128.450	
(ILS) Track			ESMM_CTR	Sweden Control	124.405	
VFR						
SID	Fix/VOR	01	19			
STAR	Fix/VOR	01	19			
MADDE	RNav	4F				
TEMLI	RNav	1F				
Missed Approach	01	19				
Heading Lt LF Rt LP						
Climb ft. 2000 2200						
Navais ESDF						
RWY19 Gates/Stand						
ARR DEP S M H						
A A Apron2						
Btr, A8 A8, Btr. 1-4						
A A GA						
VOR/DME RON 109.20						
NDB LP 318						
DME RON 380						
Min. Sector Alt. 1900-2800 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	
AoR TMA = Kronoberg TWR < FL095						
ILS Frequency	NDB 009	109.70 189	ESMM_CTR	Sweden Control	124.405	
(ILS) Track			ESOS_CTR	Sweden Control	118.400	
VFR						
SID	Fix/VOR	01	19			
STAR	Fix/VOR	01	19			
Missed Approach	01	19				
Heading Lt VX Rt JX						
Climb ft. 2500 2500						
Navais ESMX						
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 - 2800 ft.						
Semi Circular System						
Eastbound 0-180 FL ODD						
Westbound 180-360 FL EVEN						
SQUAWK CODE TABLE FROM TO						
DOMESTIC VFR 0040 0057						
DOMESTIC IFR 0501 0577						
SCAN. IFR (EK, EN, EF) 7401 7477						
EUROPE IFR 2740 2777						
CONTINENTAL IFR 2001 2077						
TRANSIT OR ENTERING IFR 5001 5077						
TA (ft) 5000 6000 9000						
QNH TL TL TL						
< 943 75 85 115						
943-959 70 80 110						
960-977 65 75 105						
978-995 60 70 100						
996-1013 55 65 95						
1014-1031 50 60 90						
1032-1050 45 55 85						
>1050 40 50 80						

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	
AoR TMA = Trollhättan TWR < 4500ft.						
ILS Frequency	NDB 144	111.90 324	ESIA_APP	Sätenäs Control	134.550	
(ILS) Track			ESMM_CTR	Sweden Control	124.405	
VFR						
SID	Fix/VOR	15	33			
STAR	Fix/VOR	15	33			
Missed Approach	15	33				
Heading tr FM tl. PG						
Climb ft. 2000 2000						
Navais ESGT						
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						
Min. Sector Alt. 1800-2700 ft.						
Transition ALT 5000 ft						
Initial alt clearance 5000 ft						
Handover to DEP/APP 2000 ft						
Handover to ACC FL 095						
Speed FL 100 or below 250 Kn						
Airspace						
C GND - FL660						
G GND - FL095						
Airspace TMA/CTR						
C GND - FL095						
Separations						
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 (PROHIBITED ON IVAO) 7500						
COMMUNICATIONS FAILURE 7600						
EMERGENCY 7700						



ESGL - Lidköping

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

Wind direction	329-148	149-328	Communications		
NDB	LK	LK	ESGL_I_TWR	Lidköping Information	124.450
	359	359	ESMM_CTR	Sweden Control	124.405
ILS Frequency	111.30		ESOS_CTR	Sweden Control	118.400
(ILS) Track	060	240	VFR		
SID	Fix/VOR	06	24		
	RV	RV	Entry/Exit Radial Dir Alt		
				HINDEN	NW <15
				JÄRPAS	W <15
STAR	Fix/VOR	06	24	ESGL - Ground Operations	
	RV	RV	RWY 06 Gates/Stand		
			In	Out	S M H
Missed Approach	06	24	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			VFR only		
DME	EGL	111.30			
NDB	LI	359			
Min. Sector Alt.	1700-3000ft				

ESGK - Falköping

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

Wind direction	299-118	119-298	Communications		
NDB	SF	LI	ESGK_I_TWR	Falköping Information	122.900
	366	380	ESMM_CTR	Sweden Control	124.405
ILS Frequency	NDB APP	NDB APP	ESOS_CTR	Sweden Control	118.400
(ILS) Track	029	209	VFR		
SID	Fix/VOR	04	22		
	RV	RV	Entry/Exit Radial Dir Alt		
				NO MANDATORY ENTRY AND EXIT	
STAR	Fix/VOR	04	22	ESGK - Ground Operations	
	RV	RV	RWY 04 Gates/Stand		
			In	Out	S M H
Missed Approach	04	22	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					
DME	EGL	111.30			
NDB	F	380			
NDB	NF	397			
NDB	SF	366			
Min. Sector Alt.	1700-3000ft				

ESGR - Skövde

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

Wind direction	283-102	102-282	Communications		
NDB	SS	NS	ESGR_I_TWR	Skövde Information	122.325
	390	384	ESIA_CTR	Karlsborg Control	123.300
ILS Frequency	NDB DME	108.30	ESMM_CTR	Sweden Control	124.405
(ILS) Track	013	193	ESOS_CTR	Sweden Control	118.400
SID	Fix/VOR	01	19	VFR	
	RV	RV	Entry/Exit Radial Dir Alt		
				MOSSEN	NE <17
				MOFALLA	SE <17
STAR	Fix/VOR	01	19	ESGR - Ground Operations	
	RV	RV	RWY 01 Gates/Stand		
			In	Out	S M H
Missed Approach	01	19	Btr,B A, Btr. GA		
			Btr,A A, Btr. 1-3		
			RWY 19 Gates/Stand		
			In	Out	S M H
Heading	Lt SS	Lt NS	Btr,A B, Btr. GA		
Climb ft.	3300	2300	Btr,A A, Btr. 1-3		
Nav aids ESGR					
DME	SY	108.30			
NDB	SS	390			
NDB	NS	384			
Min. Sector Alt.	1700ft -3300ft				

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	NDB/RNAV	ESMM_CTR	Sweden Control	124.405
(ILS) Track	134	314	ESOS_CTR	Sweden Control	118.400
SID	Fix/VOR	14	32	VFR	
	RV	RV	Entry/Exit Radial Dir Alt		
				TOREKOV	NW <15
				FARHULT	SW <15
				VARALOV	S <15
				VASTERSJON	E <15
				KARUP	N <15
STAR	Fix/VOR	14	32	ESTA - Ground Operations	
	RV	RV	RWY 14 Gates/Stand		
			In	Out	S M H
Missed Approach	14	32	Y C 1b 2,3,W1		
			Y,C C W2 2,3,W1		
			RWY 32 Gates/Stand		
			In	Out	S M H
Heading	Lt LB	Rt AH	C Y 1b 2,3,W1		
Climb ft.	2000	2000	C,C,Y W2 2,3,W1		
Nav aids ESTA					
NDB	LB	370.5			
NDB	AH	417			
DME	DB	111.30			
Min. Sector Alt.	2600ft				

INFRASTRUCTURE SOUTHWEST OF THE RUNWAY PROHIBITED (MILITARY)

ESKV - Arvika

ARP 594029N 0123821E
Alt.237ft TORA 1150m

Wind direction	272-91	92-271	Communications		
NDB	LI	LV	ESKV_I_TWR	Arvika Information	122.350
	416	390	ESMM_CTR	Sweden Control	124.405
ILS Frequency	NDB	NDB	ESOS_CTR	Sweden Control	118.400
(ILS) Track	002	182	VFR		
SID	Fix/VOR	01	19	Entry/Exit Radial Dir Alt	
	RV	RV	NO MANDATORY ENTRY AND EXIT		
STAR	Fix/VOR	01	19	ESKV Ground Operations	
	RV	RV	RWY 01 Gates/Stand		
			In	Out	S M H
Missed Approach	01	19	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					
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_R_TWR	Värnamo Flygklubb	132.250
	419	390	ESMM_CTR	Sweden Control	124.405
ILS Frequency	NDB	NDB	ESOS_CTR	Sweden Control	118.400
(ILS) Track	040	220	VFR		
SID	Fix/VOR	04	22	Entry/Exit Radial Dir Alt	
	RV	RV	NO MANDATORY ENTRY AND EXIT		
STAR	Fix/VOR	04	22	ESMV Ground Operations	
	RV	RV	RWY 04 Gates/Stand		
			In	Out	S M H
Missed Approach	04	22	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					
VORDME	JON	115.80			
NDB	AN	419			
NDB	OF	395			

Semi Circular System		TA (ft)	5000	6000	9000	
Eastbound 0-180	FL ODD	QNH	TL	TL	TL	
Westbound 180-360	FL EVEN	< 943	75	85	115	
SQUAWK CODE TABLE		FROM	TO			
DOMESTIC VFR	0040	0057	943-959	70	80	110
DOMESTIC IFR	0501	0577	960-977	65	75	105
SCAN. IFR (EK,EN,EF)	7401	7477	978-995	60	70	100
EUROPE IFR	2740	2777	996-1013	55	65	95
CONTINENTAL IFR	2001	2077	1014-1031	50	60	90
TRANSIT OR ENTERING IFR	5001	5077	1032-1050	45	55	85
			>1050	40	50	80

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 - FL660		Light-Heavy	6N or 3M
G GND - FL095		HIJACK (PROHIBITED ON IVAO) 7500	
Airspace TMA/CTR		COMMUNICATIONS FAILURE 7600	
C GND - FL095		EMERGENCY 7700	



ESSD - Borlänge

CAT I (32) ARP 602520N 0153054E Alt. 503ft. TORA 2313m

Table for ESSD - Borlänge containing wind direction, NDB, ILS Frequency, SID, STAR, Missed Approach, and Navids ESSD information.

ESSU - Eskilstuna

CAT I (36) ARP 592108N 0164230E Alt. 785ft. TORA 1886m

Table for ESSU - Eskilstuna containing wind direction, NDB, ILS Frequency, SID, STAR, Missed Approach, and Navids ESSU information.

ESSL - Linköping/SAAB

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

Table for ESSL - Linköping/SAAB containing wind direction, NDB, ILS Frequency, SID, STAR, Missed Approach, and Navids ESSL information.

ESSP - Norrköping/Kungsängen

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

Table for ESSP - Norrköping/Kungsängen containing wind direction, NDB, ILS Frequency, SID, STAR, Missed Approach, and Navids ESSP information.

ESKM - Mora Siljan

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

Table for ESKM - Mora Siljan containing wind direction, NDB, ILS Frequency, SID, STAR, Missed Approach, and Navids ESKM information.

ESSK - Gävle

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

Table for ESSK - Gävle containing wind direction, NDB, ILS Frequency, SID, STAR, Missed Approach, and Navids ESSK information.

ESCF - Malmen

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

Table for ESCF - Malmen containing wind direction, NDB, ILS Frequency, SID/STAR, VFR Mil, and a SQUAWK CODE TABLE.

ESCM - Uppsala

CAT I (21) ARP 582391N 0153141E Alt. 68 ft. TORA 1905m

Table for ESCM - Uppsala containing wind direction, NDB, ILS Frequency, SID/STAR, Missed Approach, and Separations information.

Large table at the bottom containing transition altitudes, airspace information, and separation minima for various flight levels.



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	VOR DME	110.30	ESOS_CTR	Sweden Control	118.400	
(ILS) Track	016	196	VFR			
SID	Fix/VOR	03	21			
ROKEN	VSB 115.10		4C			
HANSA			4C			
KINTI			1C			
GOTAL						
STAR	Fix/VOR	03	21			
ROKEN	VSB 115.10		4G	4F		
HANSA			4E	4F		
KINTI			4E			
ELKOM			4E	4F		
KINTI		4E				
GOTAL		1E	1F			
Missed Approach		03	21			
Heading	020	200	RWY info Grass 1100 1100			
Climb ft.	1500	1500	MSA 1800 ft - 2100 ft			
ALL INFRASTRUCTURE NORTH OF RUNWAY: ENTRY = PROHIBITED (MILITARY)						

ESGJ - Jonköping

CAT I (19) ARP 574530N 0140409E
Alt. 741 ft. TORA 2203m

Wind direction	350-169	170-349	Communications			
NDB	OJ	OA	ESGJ_TWR	Jonköping Tower	118.250	
	403	338	AoR TMA = Jönköping TWR < FL095			
ILS Frequency	VOR DME	109.90	ESOS_CTR	Sweden Control	118.400	
(ILS) Track	015	195	ESMM_CTR	Sweden Control	124.405	
SID	Fix/VOR	01	19			
NEGAS	VSB 115.10		3B	3C		
DEVNI			3B	4C		
BENGI			2B	2C		
STAR		Fix/VOR	01	19		
NEGAS	VSB 115.10		3G	3E	3F	
DEVNI			2F	3F		
BENGI						
Missed Approach			01	19		
Heading	lt. OJ	rt OA	RWY 01 Gates/Stand			
Climb ft.	2800	2800	ARR DEP S M H			
VFR GA		11	29			
RWY info Grass	600	600	Btr., A A, Btr. 9 1-5			
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	AoR TMA = Örebro TWR < FL095		
(ILS) Track	008	188	ESOS_CTR	Sweden Control	118.400
SID	Fix/VOR	01	19		
VECTORS	VECTORS				
STAR	Fix/VOR	01	19		
VECTORS	VECTORS				
Missed Approach		01	19		
Heading	010	180	RWY 1 Gates/Stand		
Climb ft.	1500ft.	1200ft	ARR DEP S M H		
Nav aids ESOE					
DME	ÖREBRO	NOE	108.50		
NDB		RB	375		
NDB		EN	400		
ESOE - Ground Operations					
RWY 19 Gates/Stand					
ARR DEP S M H					
Btr., A A, Btr. 1 2-4 5-7					
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_I_TWR	Oskarshamn information	122.150
	325	370	ESOS_CTR	Sweden Control	118.400
ILS Frequency	NDB DME	111.15	ESMM_CTR	Sweden Control	124.405
(ILS) Track	001	181	VFR		
SID	Fix/VOR	01	19		
VECTORS	VECTORS				
STAR	Fix/VOR	01	19		
VECTORS	VECTORS				
Missed Approach		01	19		
Heading	Lt VX	Lt DC	RWY 01 Gates/Stand		
Climb ft.	1600	1600	ARR DEP S M H		
Nav aids ESMO					
DME		NMO	111.15		
NDB		DC	370		
NDB		DH	325		
ESMO Ground Operations					
RWY 01 Gates/Stand					
ARR DEP S M H					
Btr., A A, Btr. 10-18 8, 6					
RWY 19 Gates/Stand					
ARR DEP S M H					
Btr., B, Btr., C 10-18 8, 6					
MSA 1600 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	AoR TMA = Västerås TWR < 4500 ft.		
ILS Frequency	VOR NDB	108.30	ESSA_E_APP	Stockholm Contol	126.650
(ILS) Track	007	187	ESOS_CTR	Sweden Control	118.400
SID	Fix/VOR	01	19		
VECTORS	VECTORS				
STAR	Fix/VOR	01	19		
VECTORS	VECTORS				
Missed Approach		01	19		
Heading	Rt RD	Lt LE	RWY 01 Gates/Stand		
Climb ft.	2100ft	2100ft	ARR DEP S M H		
Nav aids ESOW					
VORDME	AROS	ARS	112.80		
VOR	DUNKER	DKR	116.80		
VORDME	TROSA	TRS	114.30		
DME	VÄSTERÅS	SCD	108.30		
NDB		RD	419		
NDB		LE	333		
NDB		NN	362		
ESOW Ground Operations					
RWY 01 Gates/Stand					
ARR DEP S M H					
E,C A, Btr. APR. 3					
F B, Btr. 1-4					
RWY 19 Gates/Stand					
ARR DEP S M H					
E,C A, Btr. APR. 3					
F B, Btr. 1-4					
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	AoR TMA = Karlstad TWR < FL095		
ILS Frequency	109.35	110.70	ESOS_CTR	Sweden Control	118.400
(ILS) Track	023	203	VFR		
SID	Fix/VOR	03	21		
TESDI	KSD 117.80		2B	2C	
SIPSI			3B	3C	
STAR	Fix/VOR	03	21		
TESDI	KSD 117.80		3E	3F	
SIPSI			3E	3F	
Missed Approach		03	21		
Heading	lt. SKS	lt. NKS	RWY 03 Gates/Stand		
Climb ft.	2500	2500	ARR DEP S M H		
Nav aids ESOK					
VOR/DME	KARLSTAD	KSD	117.80		
NDB		SKS	330		
NDB		NKS	341		
ESOK Ground Operations					
RWY 03 Gates/Stand					
ARR DEP S M H					
Btr., S S, Btr. South					
Btr., N N, Btr. 7 1-6					
RWY 21 Gates/Stand					
ARR DEP S M H					
Btr., S S, Btr. South					
Btr., N N, Btr. 7 1-6					
MSA 2500-3300ft					

Semi Circulair System		TA (ft)	5000	6000	9000
Eastbound 0-180	FL ODD	QNH	TL	TL	TL
Westbound 180-360	FL EVEN	< 943	75	85	115
SQUAWK CODE TABLE		FROM	TO		
DOMESTIC VFR	0040	0057	943-959	70	80
DOMESTIC IFR	0501	0577	960-977	65	75
SCAN. IFR (EK,EN,EF)	7401	7477	978-995	60	70
EUROPE IFR	2740	2777	996-1013	55	65
CONTINENTAL IFR	2001	2077	1014-1031	50	60
TRANSIT OR ENTERING IFR	5001	5077	1032-1050	45	55
			>1050	40	50

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 - FL660	Light-Heavy	6N or 3M
G	GND - FL095	HIJACK (PROHIBITED ON IVAO) 7500	
Airspace TMA/CTR		COMMUNICATIONS FAILURE 7600	
C	GND - FL095	EMERGENCY 7700	



ESST - Torsby

CAT I (16) ARP 600917N 0125937E Alt. 393ft. TORA 1590m

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes fields for Wind direction, NDB, ILS Frequency, SID (16/34), STAR (16/34), Missed Approach (16/34), and Nav aids ESST.

ESOH - Hagfors

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

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes fields for Wind direction, NDB, ILS Frequency, SID (18/36), STAR (18/36), Missed Approach (18/36), and Nav aids ESOH.

ESFS - SANDVIK

Alt. 36ft ARP 57041N 016519E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESFS_R_TWR, and ESOS_CTR.

ESQO - ARBOGA

Alt. 33ft ARP 59233N 015554E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESQO_R_TWR, and ESOS_CTR.

ESKC - SUNDBRO

Alt. 62ft ARP 59555N 017326E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESKC_R_TWR, and ESCM_TWR.

ESKD - DALA JÄRNA

Alt. 773ft ARP 60334N 014228E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESKD_R_TWR, and ESOS_CTR.

ESKG - GRYT TJOM

Alt. 105ft ARP 60173N 017255E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESKG_R_TWR, and ESOS_CTR.

ESKH - EKSHARAD

Alt. 460ft ARP 60093N 013319E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESKH_R_TWR, and ESOS_CTR.

ESKK - KARLSKOGA

Alt. 400ft ARP 59207N 014297E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESKK_R_TWR, and ESOS_CTR.

ESKO - MUNKFORS

Alt. 279ft ARP 59579N 013294E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESKO_R_TWR, and ESOS_CTR.

ESKT - TIERP

Alt. 129ft ARP 60207N 017253E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESKT_R_CTR, and ESOS_CTR.

ESKU - SUNNE

Alt. 380ft ARP 59516N 013068E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESKU_TWR, and ESOS_CTR.

ESMC - EKSJO RANESLAT

Alt. 720ft ARP 57400N 014568E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESMC_TWR, and ESOS_CTR.

ESMZ - OLANDA

Alt. 27ft ARP 59197N 017035E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESMZ_TWR, and ESOS_CTR.

ESOL - STORVIK LEMSTANAS

Alt. 210ft ARP 60350N 016363E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESOL_TWR, and ESOS_CTR.

ESSC - EKEBY ESKILSTUNA

Alt. 27ft ARP 59232N 0162631E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESSC_TWR, and ESOS_CTR.

ESSE - SKÅ EDEBY

Alt. 17ft ARP 59207N 017444E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESSE_TWR, and ESOS_CTR.

ESSH - LAXA

Alt. 900ft ARP 58587N 014400E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESSH_TWR, ESOE_TWR, and ESOS_CTR.

ESSI - VISINGSÖ

Alt. 309ft ARP 58059N 014242E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESSI_TWR, and ESOS_CTR.

ESSM - BRATTFORSHE DEN

Alt. 588ft ARP 59365N 013547E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESSM_TWR, ESOK_TWR, and ESOS_CTR.

ESSN - NORRTALJE

Alt. 40ft ARP 59440N 018418E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESSN_TWR, ESOK_TWR, and ESOS_CTR.

ESVG - GAGNAF

Alt. 575ft ARP 60331N 015049E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESVG_TWR, and ESOS_CTR.

Table with 4 columns: System/Code, TA (ft), 5000, 6000, 9000. Includes Semi Circular System, SQUAWK CODE TABLE, and Transition ALT.

ESSW - VÄSTERVIK

Alt. 129ft ARP 57468N 016314E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESSW_TWR, and ESOS_CTR.

ESSX - JOHANNESBERG

Alt. 25ft ARP 59346N 016302E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESSX_TWR, ESOE_TWR, and ESOS_CTR.

ESSZ - GNESTA

Alt. 56ft ARP 59061N 017127E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESSZ_TWR, ESOS_CTR, and TMA ESSA.

ESVA - AVESTA

Alt. 279ft ARP 60108N 016074E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESVA_TWR, ESSD_TWR, and TMA ESSD.

ESVB - BUNGE

Alt. 66ft ARP 57150N 019023E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESVB_TWR, ESOS_CTR, and TMA ESSD.

ESVH - HÄLLEFORS

Alt. 132ft ARP 59013N 016132E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESVH_TWR, ESOS_CTR, and TMA ESSD.

ESVK - KATRINEHOLM

Alt. 132ft ARP 57400N 014568E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESVK_TWR, and ESOS_CTR.

ESVM - SKINNLANDA MALUNG

Alt. 975ft ARP 60395N 013436E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESVM_TWR, and ESOS_CTR.

ESVQ - KÖPING

Alt. 25ft ARP 59317N 015582E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESVQ_TWR, ESOS_CTR, and TMA ESSD.

ESVS - SILJANSNAS

Alt. 27ft ARP 60471N 0144961E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESVS_TWR, ESOS_CTR, and TIA ESKM.

ES03 - BACKA

Alt. 500ft ARP 60330N 013060E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ES03_TWR, and ESOS_CTR.

ES04 - FINSPANG

Alt. 164ft ARP 58441N 015364E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ES04_TWR, ESSP_APP, and TMA ESSP.

ESKA - GIMO LUNDA

Alt. 67ft ARP 60080N 018070E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ESKA_TWR, ESSA_APP, and TMA ESSA.

ES08 - ODESTUGA

Alt. 673ft ARP 57362N 014178E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ES08_TWR, ESOS_CTR, and TMA ESSJ.

ES11 - SKÄRSTAD MOTALA

Alt. 338ft ARP 58295N 015062E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ES11_TWR, ESKN_APP, and TMA ESSL.

ES12 - NORBERG

Alt. 164ft ARP 60065N 015573E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ES12_TWR, ESSD_TWR, and TMA ESSD.

ES14 - SALANDA

Alt. 140ft ARP 59270N 017420E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ES14_TWR, ESOS_CTR, and TMA ESSA.

ES16 - FRÖLUNDA

Alt. 30ft ARP 57362N 014178E

Table with 4 columns: Field Name, Value 1, Value 2, and Details. Includes TORA, ES16_TWR, ESSA_APP, and TMA ESSA.

Table with 3 columns: Separations, Arrivals, Departure. Includes HIJACK (PROHIBITED ON IVAO), COMMUNICATIONS FAILURE, and EMERGENCY.



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 (ILS) Track	109.10 083	VISUAL 263	ESOS_CTR	Sweden Control	118.400
SID	Fix/VOR	09	27	VFR	
No mandatory entry / exit					
ESND Ground Operations					
RWY 09 Gates/Stand					
STAR	Fix/VOR	09	27	ARR	DEP S M H
Btr, A A, Btr No defined stand					
RWY 27 Gates/Stand					
Missed Approach		09	27	ARR	DEP S M H
Btr, A A, Btr No defined stand					
Heading tr. OY 270					
Climb ft. 4000 5200					
MSA 3800 - 5200 ft.					
TRANSITION ALTITUDE ESND = 6000 ft.					
Navids ESND					
NDB			Y		327
LOC			IND		109.10
NDB			OY		368
DME	Sveg		SVE		113.95

ESNG - Gällivare

CAT I (30) 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 (ILS) Track	NDB DME 346 111	108.10 291	ESOS_CTR	Sweden Control	118.400
SID	Fix/VOR	12	30	VFR	
No mandatory entry / exit					
ESNG Ground Operations					
RWY 09 Gates/Stand					
STAR	Fix/VOR	12	30	ARR	DEP S M H
Btr, A A, Btr No defined stand					
RWY 27 Gates/Stand					
Missed Approach		12	30	ARR	DEP S M H
Btr, A A, Btr No defined stand					
Btr, B B, Btr DEICING					
Heading OG holding rt OG					
Climb ft. 3400 3400					
MSA 3100 - 5200 ft.					
Navids ESNG					
NDB		OG			325
NDB		TG			346
DME	Gällivare	NG			108.10

ESNL - Lycksele

CAT I (14) ARP 643251N 0184303E
Alt. 705ft. TORA 2090m

Wind direction	037-236	237-036	Communications		
NDB	DD	OL	ESNL_TWR	Lycksele Information	122.225
ILS Frequency (ILS) Track	108.70 137	NDB/DME 320 317	ESOS_CTR	Sweden Control	118.400
SID	Fix/VOR	14	32	VFR	
No mandatory entry / exit					
ESNL Ground Operations					
RWY 14 Gates/Stand					
STAR	Fix/VOR	14	32	ARR	DEP S M H
Btr, A A, Btr 1-3 1-3					
RWY 32 Gates/Stand					
Missed Approach		14	32	ARR	DEP S M H
Btr, A A, Btr 1-3 1-3					
Heading tl. DD tl. OL					
Climb ft. 3600 3600					
MSA 1900-2500ft					
Navids ESNL					
DME	Lycksele		NL		110.50
NDB			DD		333
NDB			OL		320
NDB			L		370

ESNY - Söderhamn

CAT I (30) ARP 611541N 0170554E
Alt. 88ft. TORA 2524m

Wind direction	036-215	216-035	Communications		
NDB		OZ	ESNY_TWR	Söderhamn Information	135.350
ILS Frequency (ILS) Track		110.30 126 306	ESOS_CTR	Sweden Control	118.400
SID	Fix/VOR	12	30	VFR	
No mandatory entry / exit					
ESNY Ground Operations					
RWY 12 Gates/Stand					
STAR	Fix/VOR	12	30	ARR	DEP S M H
Btr, A A B apron 1-4					
RWY 30 Gates/Stand					
Missed Approach		12	30	ARR	DEP S M H
A A, Btr B apron 1-4					
Heading 090 270					
Climb ft. 1500ft 1500ft					
MSA 1500-2600ft					
VFR ONLY					
Navids ESNY					
DME	Söderhamn		SDR		110.20
NDB	Skallen		OZ		337
LLZ	CL		CL		110.50
NDB			L		370

ESNN - Sundsvall-Timrå

CAT I ARP 623146N 0172634E
Alt. 17ft. TORA 1954m

Wind direction	065-244	245-064	Communications		
NDB		OS	ESNN_TWR	Sundsvall Tower	129.550
ILS Frequency (ILS) Track	108.70 155	110.30 335	ESOS_CTR	Sweden Control	118.400
SID	Fix/VOR	16	34	VFR	
No mandatory entry / exit					
ESNN - Ground Operations					
RWY 16 Gates/Stand					
STAR	Fix/VOR	16	34	ARR	DEP S M H
DETMO 2B 2L 2R					
OKLEV SUN 113.10					
BAKIL 3B 3C					
PEVEL 2B 2L 2R					
Btr, D D, Btr, A 22-27					
Btr, B B, Btr, A 1-6					
Btr, D C, Btr, A 9-13					
RWY 34 Gates/Stand					
Missed Approach		16	34	ARR	DEP S M H
A, Btr, D D, Btr. 22-27					
A, Btr, B B, Btr. 1-6					
A, Btr, D D, Btr. 9-13					
Heading rt. BCS tl. BCS					
Climb ft. 3000 3000					
MSA 2500 - 2800ft					
Navids ESNN					
VOR/DME	Sundsvall		SUN		113.10
NDB			OS		378
NDB	BACCHUS		BCS		416

ESNZ - Åre-Östersund TA6000

CAT II (12) ARP 631140N 0143001E
Alt. 1233ft. TORA 2500m

Wind direction	022-201	202-021	Communications		
NDB		DJ	ESNZ_TWR	Östersund Tower	135.650
ILS Frequency (ILS) Track	109.50 112	VOR/NDB 312 292	ESOS_CTR	Sweden Control	118.400
SID	Fix/VOR	12	30	VFR	
No mandatory entry / exit					
ESNZ - Ground Operations					
RWY 12 Gates/Stand					
STAR	Fix/VOR	12	30	ARR	DEP S M H
BENKA 3B 1K 1L					
DIGLO SUN 113.10 1K 1L					
NONKI 1K 1L					
OSLAV 1G 1K 1L					
ULTEX 1K 1L					
Btr, G G, Btr 4, 7 1-3, 8					
RWY 30 Gates/Stand					
Missed Approach		16	34	ARR	DEP S M H
A, Btr, G G, Btr 4, 7 1-3, 8					
Heading lt. OSS tl. BCS					
Climb ft. 3000 3000					
MSA 3300-5600ft					
Navids ESNZ					
VOR/DME	Östersund		OSS		114.65
NDB			DJ		312
DME	Östersund		PC		109.50

Semi Circular System				
Eastbound 0-180	FL ODD			
Westbound 180-360	FL EVEN			
SQUAWK CODE TABLE	FROM	TO		
DOMESTIC VFR	0040	0057		
DOMESTIC IFR	0501	0577		
SCAN. IFR (EK,EN,EF)	7401	7477		
EUROPE IFR	2740	2777		
CONTINENTAL IFR	2001	2077		
TRANSIT OR ENTERING IFR	5001	5077		
TA (ft)	5000	6000	9000	
QNH	TL	TL	TL	
< 943	75	85	115	
943-959	70	80	110	
960-977	65	75	105	
978-995	60	70	100	
996-1013	55	65	95	
1014-1031	50	60	90	
1032-1050	45	55	85	
>1050	40	50	80	

Transition ALT	5000 ft	Separations	
Initial alt clearance	5000 ft	Arrivals	Departure
Handover to DEP/APP	2000 ft	Normal	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 - FL660		Light-Heavy	6N or 3M
G GND - FL095		HIJACK (PROHIBITED ON IVAO) 7500	
Airspace TMA/CTR		COMMUNICATIONS FAILURE 7600	
C GND - FL095		EMERGENCY 7700	



ESNU - Umeå		CAT I (14)		ARP 634735N 0201648E	
		Alt. 24ft.		TORA 2302m	
Wind direction	042-221 222-041	Communications			
NDB	OU 425 WU 329	ESNU_D_GND	Umeå De-icing	121.775	
		ESNU_TWR	Umeå Tower	119.800	
ILS Frequency	109.90 110.70	AoR TMA = Umeå TWR < FL095			
(ILS) Track	131 311	ESOS_CTR	Sweden Control	118.400	
SID	Fix/VOR 14 32	VFR			
DEDIT	4B 4C 1L	YTTER	▲ R-254 UME 7.9Nm	W	<20
SOPLI	UME 4C 1L	STROM	▲ R-187 UME 7.3Nm	S	<20
TINDO	114.10 3B 3C 1L	TAFTE	▲ R-063 UME 6.0Nm	E	<20
		MARK	▲ R-351 UME 6.9Nm	N	<20
STAR	Fix/VOR 14 32	ESNU - Ground Operations			
UMSOM	UME 4E 4F	RWY 14	Gates/Stand		
KETEL	15 15	ARR	DEP	S	M H
TINDO	15 3F	Btr, C	C, Btr.	1-5	
LENSO	15	Btr, B	B, Btr.	31 Cargo	
Missed Approach	14 32	RWY 32	Gates/Stand		
Heading	rt. OU	ARR	DEP	S	M H
Climb ft.	2900	Btr, D	D, Btr.	GA/Fuel	
MSA	1700 - 2900ft				
FATO	VMC IMC	Btr, C	B, Btr.	1-5	
	Taxiway B RWY 14/32	B	B, Btr.	31 Cargo	
		Nav aids ESNU			
		VOR/DME	Umeå	UME	114.10
		NDB		OS	378
		NDB		WU	329

ESNQ - Kiruna TA6000		CAT I		ARP 674917N 0202008E	
		Alt. 1509ft.		TORA 2502m	
Wind direction	297-116 117-296	Communications			
NDB	VOR/DME 115.20 OP 360	ESNQ_TWR	Kiruna Tower	130.150	
ILS Frequency	110.30	AoR TMA = Kiruna TWR < FL095			
(ILS) Track	027 207	ESOS_CTR	Sweden Control	118.400	
SID	Fix/VOR 03 21	VFR			
TERPA	KRA 3B 3C	Entry/Exit	Radial	Dir	Alt
VAGAS	115.20 3B 3C	SISKA	▲ R-138 KRA 12.0Nm	W	<31
STAR	Fix/VOR 03 21	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	115.20 3F	VISCARIA	▲ R-306 KRA 5.6Nm	W	<31
Missed Approach	03 21	KAALAS	▲ R-232 KRA 8.0Nm	N	<31
Heading	tr. KRA	ESNQ - Ground Operations			
Climb ft.	4500	RWY 03	Gates/Stand		
		ARR	DEP	S	M H
		Btr, A	A, Btr	GA 1-3	
		Btr, B	B, Btr.	GA 1-3	
		RWY 21	Gates/Stand		
		ARR	DEP	S	M H
		Btr, A	A, Btr	GA 1-3	
		Btr, B	B, Btr.	GA 1-3	
		Nav aids ESNQ			
		VOR/DME	Kiruna	KRA	115.20
		NDB		TG	346
		MSA 3800-5500ft			
		TRANSITION ALTITUDE ESQ= 6000 ft.			

ESNO - Örnsköldsvik		CAT I (12)		ARP 632428N 0185933E	
		Alt.1508ft.		TORA 2016m	
Wind direction	026-205 206-025	Communications			
NDB	OD 322 OO 369	ESNO_TWR	Örnsköldsvik Tower	122.250	
ILS Frequency	110.10 VOR/DME 116 296	AoR TMA = Örnsköldsvik TWR < FL095			
(ILS) Track		ESOS_CTR	Sweden Control	118.400	
SID	Fix/VOR 12 30	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
STAR	Fix/VOR 12 30	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.			
		Nav aids ESNO			
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	
		Alt. 34 ft.		TORA 2001m	
Wind direction	077-256 257-076	Communications			
NDB	KG 326 LUE 427	ESNK_TWR	Kramfors Information	122.150	
ILS Frequency	VOR/NDB 166 346	ESOS_CTR	Sweden Control	118.400	
(ILS) Track		VFR			
SID	Fix/VOR 17 35	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

ESNS - Skellefteå		CAT II (28)		ARP 643729N 0210437E	
		Alt.157ft.		TORA 2100m	
Wind direction	009-198 189-008	Communications			
NDB	OS 369	ESNS_TWR	Skellefteå Tower	122.050	
ILS Frequency	VOR/DME 109.50 099 279	AoR TMA = Skellefteå TWR < FL095			
(ILS) Track		ESOS_CTR	Sweden Control	118.400	
SID	Fix/VOR 10 28	VFR			
		Entry/Exit	Radial	Dir	Alt
		RENFORNS	▲ R-224 SKA 6.2Nm	SW	<20
		BECK	▲ R-135 SKA 7.5Nm	SE	<20
		HAMN	▲ R-048 SKA 5.9Nm	NE	<20
		TJARN	▲ R-337 SKA 5.5Nm	N	<20
STAR	Fix/VOR 10 28	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.			
		Nav aids ESNS			
VOR/DME	Skellefteå	SKA	113.40		
NDB		OS	369		

ESNX - Arvidsjaur		CAT I		ARP 653525N 0191655E	
		Alt.1245ft.		TORA 2500m	
Wind direction	032-211 212-031	Communications			
NDB	AN 381 AS 358	ESNX_TWR	Arvidsjaur Tower	122,725	
ILS Frequency	VOR/DME 109.35 111.50 122 302	AoR TMA = Arvidsjaur TWR < FL095			
(ILS) Track		ESOS_CTR	Sweden Control	118.400	
SID	Fix/VOR 12 30	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
STAR	Fix/VOR 12 30	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 3100 - 4500 ft.			
		Nav aids ESNX			
DME	Arvidsjaur	NX	111.50		
DME	Arvidsjaur	ARV	109.35		
NDB		AN	381		
NDB		AS	358		

Semi Circular System		TA (ft)		
		5000	6000	9000
Eastbound 0-180	FL ODD	QNH	TL	TL
Westbound 180-360	FL EVEN	< 943	75	85
		943-959	70	80
		960-977	65	75
		978-995	60	70
		996-1013	55	65
		1014-1031	50	60
		1032-1050	45	55
		>1050	40	50

Transition ALT		5000 ft	
Initial alt clearance	5000 ft	Separations	
Handover to DEP/APP	2000 ft	Arrivals	Departure
Handover to ACC	FL 095	Normal	3N L/M → H 2Min
Speed FL 100 or below	250 Kn	Heavy-Heavy	4N L → M 2Min
Airspace		Medium-Heavy	5N or 2M Same dep 2Min
C GND - FL660		Light-Medium	5N or 3M Divergent 1Min
G GND - FL095		Light-Heavy	6N or 3M
Airspace TMA/CTR		HIJACK (PROHIBITED ON IVAO)	7500
C GND - FL095		COMMUNICATIONS FAILURE	7600
		EMERGENCY	7700



ESPA - Luleå/Kallax				CAT I (14) II (32) ARP 653236N 0220725E Alt. 65ft. TORA 3350m				
Wind direction	039-218	219-038	Communications					
NDB	OL		ESPA_TWR	Kallax Tower	128.200			
	377		ESPA_APP	Kallax Control	125.450			
ILS Frequency	110.30	109.90	ESOS_CTR	Sweden Control	118.400			
(ILS) Track	128	308	VFR				MSL	
SID Fix/VOR	14	32	Entry/Exit	Radial	Dir	Alt		
BESLA	3B	3C	VALLEN	R-045 SLU 5.6Nm	W	<17		
RISEM	4B	4C	MULON	R-226 SLU 6.0Nm	S	<17		
SONIN	4B	4C	ESPA - Ground Operations					
SONIN	3P	3R	RWY 14	Gates/Stands				
VERAG	4B	4C	ARR	DEP	S	M	H	
STAR Fix/VOR	14	32	A	A	20-22	3-8	3-5, 7	
BESLA	3E	3F	RWY 32	Gates/Stands				
ELBOG	4E	4F	ARR	DEP	S	M	H	
RISEM	4E	4F	A	A	20-22	3-8	3-5, 7	
SONIN	4E	4F	Navais ESPA					
ROPAK	1R		VOR/DME	Luleå	SLU	115.10		
BOLPA	1R		DME		SPA	109.90		
LAROS	1R		NDB	Trundon	TRU	421		
			NDB		OL	377		
Missed Approach	14	32	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	14	STAR Fix/VOR	14 32
After T/O 1.6DME Right turn 145		BESLA	3E 3E
All flights SOUTHBOUND	14	ELBOG	4E 4F
After T/O 1.6DME Right turn 195		RISEM	4E 4F
All flights	32	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			ESUD_TWR	Storuman Information	133.800			
ILS Frequency	VOR/DME	110.30	ESOS_CTR	Sweden Control	118.400			
(ILS) Track	146	326	VFR					
SID Fix/VOR	15	33	No mandatory entry / exit					
ESUD - Ground Operations								
STAR Fix/VOR	15	33	RWY 15	Gates/Stands				
			ARR	DEP	S	M	H	
			A	A	No defined stand			
Missed Approach	15	33	RWY 33	Gates/Stands				
			ARR	DEP	S	M	H	
			A	A	No defined stand			
Heading	lt. FRIDA	rt. SUM	MSA 2700 - 3000 ft.					
Climb ft.	3100	2500						
Navais ESUD								
VOR/DME	Storuman	SUM	116.30					
NDB		GUN	348					

ESUP - Pajala				CAT I (11) ARP 67148N 023041E Alt.542ft. TORA 2302m				
Wind direction	020-199	200-019	Communications					
NDB	PAJ		ESUP_TWR	Pajala Tower	118.375			
	390		AoR TMA = Pajala TWR < FL095					
ILS Frequency	111.50	NDB/DME	ESOS_CTR	Sweden Control	118.400			
(ILS) Track	109	289	VFR					
SID Fix/VOR	11	29	ANTTIS		S	<16		
			LIVIOJARVI		E	<16		
ESUP Ground Operations								
STAR Fix/VOR	11	29	RWY 11	Gates/Stands				
			ARR	DEP	S	M	H	
			A, Btr.	A, Btr.	1-3	1-3		
Missed Approach	11	29	RWY29	Gates/Stands				
			ARR	DEP	S	M	H	
			A, Btr.	A, Btr.	1-3	1-3		
Heading	lt. PAJ	rt. PAJ	Navais ESUP					
Climb ft.	2500	2500						
MSA 1800 - 2300ft								
NDB		PAJ	390					
DME		PJL	115.35					

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			
	328	406						
ILS Frequency	NDB	109.90	ESOS_CTR	Sweden Control	118.400			
(ILS) Track	097	277	VFR					
SID Fix/VOR	10	28	No mandatory entry / exit					
ESNV - Ground Operations								
STAR Fix/VOR	10	28	RWY 15	Gates/Stands				
			ARR	DEP	S	M	H	
			A, Btr.	A, Btr.	No defined stand			
Missed Approach	10	28	RWY 33	Gates/Stands				
			ARR	DEP	S	M	H	
			A, Btr.	A, Btr.	No defined stand			
Heading	rt. DK	rt. NV	Navais ESNV					
Climb ft.	3300	3300						
MSA 3900 - 4100ft								
Semi Circulair System		TA (ft)	5000	6000	9000			
Eastbound 0-180	FL ODD	QNH	TL	TL	TL			
Westbound 180-360	FL EVEN	< 943	75	85	115			
SQUAWK CODE TABLE		FROM	TO					
DOMESTIC VFR		0040	0057	943-959	70	80	110	
DOMESTIC IFR		0501	0577	960-977	65	75	105	
SCAN. IFR (EK,EN,EF)		7401	7477	978-995	60	70	100	
EUROPE IFR		2740	2777	996-1013	55	65	95	
CONTINENTAL IFR		2001	2077	1014-1031	50	60	90	
TRANSIT OR ENTERING IFR		5001	5077	1032-1050	45	55	85	
				>1050	40	50	80	

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			
	325	342						
ILS Frequency	VISUAL	111.10	ESOS_CTR	Sweden Control	118.400			
(ILS) Track	149	329	VFR					
SID Fix/VOR	15	33	No mandatory entry / exit					
ESUT Ground Operations								
STAR Fix/VOR	15	33	RWY 15	Gates/Stands				
			ARR	DEP	S	M	H	
			A, Btr.	A, Btr.	No defined stand			
Missed Approach	15	33	RWY 33	Gates/Stands				
			ARR	DEP	S	M	H	
			A, Btr.	A, Btr.	No defined stand			
Heading		lt. SUT	Navais ESUT					
Climb ft.		5100						
MSA 5700 - 8300 ft.								
NDB		NUT	325					
NDB		SUT	342					
TRANSITION ALTITUDE ESUT= 9000 ft.								
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 - FL660		Light-Heavy	6N or 3M				
G	GND - FL095		HIJACK (PROHIBITED ON IVAO)		7500			
Airspace TMA/CTR			COMMUNICATIONS FAILURE		7600			
C	GND - FL095		EMERGENCY		7700			



ESNA - HALLVIKEN				Alt. 1119ft	ARP 63443N 015272E
		TORA		ESNA_TWR	Strömsund Flygklubb 123.350
RWY	14 32	Asphalt	800 m	ESOS_CTR	Sweden Control 118.400
ESNB - SOLLEFTEÅ				Alt. 433ft	ARP 63103N 016593E
		TORA		ESNB_TWR	Sollefteå Radio 122.350
RWY	14 32	Asphalt	820 m	ESOS_CTR	Sweden Control 118.400
ESNC - HEDLANDA				Alt. 1460ft	ARP 62245N 013448E
		TORA		ESNC_TWR	Hedlanda Radio 123.150
RWY	06 24	Asphalt	1175 m	ESOS_CTR	Sweden Control 118.400
ESNE - ÖVERKALIX				Alt. 295ft	ARP 66318N 022213E
		TORA		ESNE_TWR	Överkalix Flygklubb 123.200
RWY	05 23	Grass	900 m	ESOS_CTR	Sweden Control 118.400
ESNH - HUDIKSVALL				Alt. 95ft	ARP 61461N 017048E
		TORA		ESNH_TWR	Hudiksvalls Flygplats 123.200
RWY	12 30	Asphalt	1232 m	ESOS_CTR	Sweden Control 118.400
ESNJ - JOKKMOKK				Alt. 901ft	ARP 66298N 020089E
		TORA		ESNJ_TWR	Jokkmokk Information 124.850
RWY	14 32	Asphalt	2000 m	ESOS_CTR	Sweden Control 118.400
ESNM - OPTAND				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_CTR	Sweden Control 118.400
ESNP - PITEÅ				Alt. 43ft	ARP 65239N 021157E
		TORA		ESNP_TWR	Piteå Radio 123.550
RWY	16 34	Asphalt	1000 m	ESOS_CTR	Sweden Control 118.400
ESNR - ORSA				Alt. 683ft	ARP 61116N 014433E
		TORA		ESNR_TWR	Orsa Radio 123.400
RWY	03 21	Asphalt	1000 m	ESNR_CTR	Sweden Control 118.400
RWY	15 33	Grass	900 m	ESOS_CTR	Sweden Control 118.400
ESPE - VIDSEL				Alt. 597ft	ARP 65525N 020090E
		TORA		ESPE_TWR	Vidsel Tower 130.400
RWY	11 29	Asphalt	2230m	ESPE_APP	Vidsel Control 124.150
ESUB - ARBRA				Alt. 378ft	ARP 61308N 016224E
		TORA		ESUB_TWR	Arbra Flygklubb 123.200
RWY	18 36	Grass	700 m	ESOS_CTR	Sweden Control 118.400
ESUE - IDRE				Alt. 1480ft	ARP 61522N 012414E
		TORA		ESUE_TWR	Idre Radio 122.750
RWY	15 33	Asphalt	1558m	ESOS_CTR	Sweden Control 118.400
ESUG - GARGNÄS				Alt. 980ft	ARP 65183N 017585E
		TORA		ESUG_TWR	Gargnäs Radio 123.450
RWY	17 35	Asphalt	940 m	ESOS_CTR	Sweden Control 118.400
ESUH - HÄRNOSAND MYRAN				Alt. 265ft	ARP 62380N 017588E
		TORA		ESUH_TWR	Härnosand Flygklubb 123.450
RWY	10 28	Grass	800 m	ESOS_CTR	Sweden Control 118.400
ESUI - MELLANSEL				Alt. 265ft	ARP 63235N 018192E
		TORA		ESUI_TWR	Mellansel Radio 123.400
RWY	09 27	Grass	795 m	ESNO_TWR	Örnsköldsvik Tower 122.250
ESUJ - TALJE ÄNGE				Alt. 427ft	ARP 62339N 015500E
		TORA		ESUJ_TWR	Änge Flygklubb 123.150
RWY	14 32	Grass	910 m	ESOS_CTR	Sweden Control 118.400
ESUL - LJUSDAL				Alt. 901ft	ARP 61490N 016003E
		TORA		ESUL_TWR	Ljusdal Flygklubb 123.200
RWY	09 27	Grass	620 m	ESOS_CTR	Sweden Control 118.400
ESUM - MOHED				Alt. 215ft	ARP 61175N 016508E
		TORA		ESUM_TWR	Mohed Radio 123.600
RWY	12 30	Grass	620 m	ESOS_CTR	Sweden Control 118.400
ESUO - OVIKEN				Alt. 1640ft	ARP 63025N 014001E
		TORA		ESUO_TWR	Gräftåvallen Flygklubb 123.200
RWY	18 36	Grass	850 m	ESNM_APP	Fröso Control 135.650

ESNF -Farila Air Base						Alt. 206ft.	ARP 615353N 0154219E	TORA 2126m
Wind direction	x	x	x	x		Nav aids ESCM		
SID/STAR	Fix/VOR	X	X	X	X	NDB	x	x
VECTORS						VECTORS	VECTORS	VECTORS
Missed Approach						X	X	X
Heading						X	X	X
						X	X	X
VFR						No mandatory entry / exit		
						ESNF_TWR	Far.Tow.	X
						ESNF_APP	Far. Con.	X
						ESOS_CTR	Sw.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
ESSG - LUDVIKA				Alt. 897ft	ARP 60053N 015058E
		TORA		ESSG_TWR	Ludvika Flygklubb 123.200
RWY	01 19	Asphalt	819 m	ESOS_CTR	Sweden Control 118.400
ESUR - RAMSELE				Alt. 660ft	ARP 63294N 016290E
		TORA		ESUR_TWR	Ramsele Radio 123.500
RWY	14 32	Grass	740 m	ESOS_CTR	Sweden Control 118.400
ESUS - ÅSELE				Alt. 1640ft	ARP 64096N 017165E
		TORA		ESUS_TWR	Åsele Flygklubb 123.200
RWY	12 30	Grass	1200m	ESOS_CTR	Sweden Control 118.400
ESUV - ÄLSVBYN				Alt. 227ft	ARP 65388N 021037E
		TORA		ESUV_TWR	Älvsbyn Flygklubb 123.350
RWY	04 22	Grass	730 m	ESOS_CTR	Sweden Control 118.400
ESUY - EDSBYN				Alt. 1640ft	ARP 61233N 015502E
		TORA		ESUY_TWR	Edsbyn Flygklubb 123.550
RWY	11 29	Grass	540m	ESOS_CTR	Sweden Control 118.400
ES01 - ÄLVDALEN				Alt. 750ft	ARP 61128N 014025E
		TORA		ES01-TWR	Älvdalens Flygklubb 123.400
RWY	15 33	Asphalt	655 m	ESOS_CTR	Sweden Control 118.400
ES02 - BOLLNÄS				Alt. 270ft	ARP 61213N 016203E
		TORA		ES02-TWR	Bollnäs Flygklubb 123.200
RWY	10 28	Gravel	750 m	ESOS_CTR	Sweden Control 118.400
ES09 - MALÅ				Alt. 1050ft	ARP 65130N 018413E
		TORA		ES09-TWR	Malå Radio 123.500
RWY	14 32	Grass	610 m	ESOS_CTR	Sweden Control 118.400
ES13 - RORBACKSNÄS				Alt. 1640ft	ARP 61095N 012505E
		TORA		ES13-TWR	Sälensjö Flygkl. 123.450
RWY	15 33	Asphalt	1199 m	ESOS_CTR	Sweden Control 118.400
ES17 - PRÄSTBORDET				Alt. 188ft	ARP 62245N 016319E
		TORA		ES17-TWR	Stöde Flygklubb 123.650
RWY	08 26	Grass	600m	ESOS_CTR	Sweden Control 118.400
ES19 - SVENSTAVIK				Alt. 1200ft	ARP 65130N 018413E
		TORA		ES19-TWR	Svenstavik Flygklubb 123.150
RWY	18 36	Grass	850 m	ESNM_APP	Fröso Control 135.650

Semi Circulair System			TA (ft)	5000	6000	9000
Eastbound 0-180	FL ODD	QNH	< 943	75	85	115
Westbound 180-360	FL EVEN		943-959	70	80	110
SQUAWK CODE TABLE						
	FROM	TO	960-977	65	75	105
DOMESTIC VFR	0040	0057	978-995	60	70	100
DOMESTIC IFR	0501	0577	996-1013	55	65	95
SCAN. IFR (EK,EN,EF)	7401	7477	1014-1031	50	60	90
EUROPE IFR	2740	2777	1032-1050	45	55	85
CONTINENTAL IFR	2001	2077	>1050	40	50	80
TRANSIT OR ENTERING IFR	5001	5077				

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 - FL660		Light-Heavy	6N or 3M
G	GND - FL095		HIJACK (PROHIBITED ON IVAO) 7500	
Airspace TMA/CTR			COMMUNICATIONS FAILURE 7600	
C	GND - FL095		EMERGENCY 7700	