

ESSA - Stockholm - Stockholm Arlanda

Airport details

State	Stockholms län
Country	Sweden
Region	ES
Elevation	137ft (42m)
Timezone	GMT +1
Coordinates	59.65194, 17.91861
Type	land
ICAO code	ESSA
IATA code	ARN
FAA code	n/a

Runway info

Runway 01L / 19R	
length	3296m (10814ft)
bearing	20° / 200°
width	45m (148ft)
surface	concrete
Runway 08 / 26	
length	2493m (8179ft)
bearing	83° / 263°
width	45m (148ft)
surface	concrete
Runway 01R / 19L	
length	2496m (8189ft)
bearing	20° / 200°
width	45m (148ft)
surface	asphalt
blast zone	59m (194ft) / 0m (0ft)

Communication

Stockholm Arlanda ATIS	121.625
Stockholm Arlanda ATIS	121.625
Stockholm Arlanda ATIS	121.625
Stockholm Arlanda ATIS	121.625
Stockholm Arlanda CLNC DEL	121.825
Stockholm Arlanda CLNC DEL	121.825
Stockholm Arlanda CLNC DEL	121.825
Stockholm Arlanda CLNC DEL	121.825
Stockholm Arlanda GND W	121.700
Stockholm Arlanda GND W	121.700
Stockholm Arlanda GND N	121.925

Stockholm Arlanda GND W	121.700
Stockholm Arlanda GND W	121.700
Stockholm Arlanda GND N	121.925
Stockholm Arlanda GND S	121.975
Stockholm Arlanda GND S	121.975
Stockholm Arlanda GND N	121.925
Stockholm Arlanda GND N	121.925
Stockholm Arlanda GND S	121.975
Stockholm Arlanda GND S	121.975
Stockholm Arlanda TWR	118.500
Stockholm Arlanda TWR	118.500
Stockholm Arlanda TWR	118.500
Stockholm Arlanda TWR	118.500
Stockholm Arlanda STOCKHOLM CON	123.750
Stockholm Arlanda STOCKHOLM CON	123.750
Stockholm Arlanda Approach	123.750
123.750	
Stockholm Arlanda Approach	123.750
123.750	
Stockholm Arlanda STOCKHOLM CON	123.750
Stockholm Arlanda STOCKHOLM CON	123.750
Stockholm Arlanda Approach	123.750
123.750	
Stockholm Arlanda Approach	123.750
123.750	
Stockholm Arlanda Approach	123.650
126.650	
Stockholm Arlanda Departure	126.650
126.650	
Stockholm Arlanda Departure	123.750
123.750	
Stockholm Arlanda Departure	123.750
123.750	
Stockholm Arlanda Departure	123.750
123.750	
Stockholm Arlanda Departure	126.650
126.650	
Stockholm Arlanda Approach	123.650
126.650	
Stockholm Arlanda Approach	123.650
126.650	
Stockholm Arlanda Departure	126.650
126.650	
Stockholm Arlanda Approach	123.650
126.650	
Stockholm Arlanda Departure	126.650
126.650	
Stockholm Arlanda Departure	123.750
123.750	

Approach frequencies

LOC	08	109.55	18.00mi
ILS-cat-III	01L	109.9	18.00mi
ILS-cat-III	01R	109.35	18.00mi
ILS-cat-III	19L	111.35	18.00mi
ILS-cat-I	19R	110.7	18.00mi
ILS-cat-I	26	110.1	18.00mi
3° GS	01L	109.9	18.00mi
3° GS	26	110.1	18.00mi
3° GS	19L	111.35	18.00mi
3° GS	19R	110.7	18.00mi
3° GS	01R	109.35	18.00mi

Nearby beacons

code	identifier	dist	bearing	frequency
ARL	ARLANDA (STOCKHOLM) VOR/DME	0.1	289.5°	116
WA	ARLANDA (STOCKHOLM) NDB	0.2	320.1°	348
ASE	(STOCKHOLM) DME	1.4	110.8°	114.45
ANW	(STOCKHOLM) DME	4.1	312.8°	112.05
ASW	(STOCKHOLM) DME	4.8	236.9°	113.75
ANE	(STOCKHOLM) DME	4.9	73.4°	113.30
TEB	TEBBY VOR/DME	11.2	112.8°	117.10
LNA	LENA NDB	18.3	258.5°	330
ERK	ERKEN NDB	19.3	59.7°	383
UP	UPPSALA NDB	20.7	325.8°	366
COR	CORNER NDB	26.9	228°	388
HMR	HAMMAR VOR/DME	40.2	37°	112.60
TRS	TROSA VOR/DME	44.7	210.2°	114.30
PEO	SKAVSTA (STOCKHOLM) NDB	57.9	225.6°	398

Departure and arrival routes

Transition altitude 5000ft

SID end points	distance	outbound direction
RW01L		
RESN4C	43.0	8°
TOVR5C	26.3	83°
MENG2C, BABA4C	27.7	106°
TRS5C	44.7	210°
NOSL5C	40.2	229°
PETE1C	38.4	244°
KOGA4C	33.1	302°
RW01R		
RESN3B	43.0	8°
TOVR4B	26.3	83°
BABA3B	27.7	106°

RW08	TRS4B	44.7	210°
	NOSL4B	40.2	229°
	PETE1B	38.4	244°
	KOGA3B	33.1	302°
RW19L	RESN3L, LUMA5R	43.0	8°
	TOVR4L, TOVR4R	26.3	83°
	BABA3R, BABA3L	27.7	106°
	TRS5L, GALN3R	44.7	210°
	DIGL3R, NOSL5L	40.2	229°
	PETE1L, ABEN3R	38.4	244°
	TALE5R, KOGA3L	33.1	302°
RW19R	LUMA5Q	43.0	8°
	TOVR4E	26.3	83°
	BABA3E	27.7	106°
	TRS5E, GALN5Q	44.7	210°
	NOSL5E, DIGL5Q	40.2	229°
	PETE1E, ABEN5Q	38.4	244°
	TALE5Q	33.1	302°
RW26	RESN5G	43.0	8°
	TOVR5G	26.3	83°
	BABA4G	27.7	106°
	TRS5G	44.7	210°
	NOSL5G	40.2	229°
	PETE1G	38.4	244°
	KOGA5G	33.1	302°
RW26	RESN3K	43.0	8°
	TOVR4K	26.3	83°
	BABA3K	27.7	106°
	TRS3K	44.7	210°
	NOSL3K	40.2	229°
	PETE1K	38.4	244°
	KOGA3K	33.1	302°

STAR starting points	distance	inbound direction
RW01 (ALL)		
NILU2M	50.2	2°
ELTO7M	29.9	101°
HMR5M	40.2	217°
XILA4M	35.1	270°
RW01L		
NILU2J	50.2	2°
ELTO3J	29.9	101°
HMR3J	40.2	217°
XILA3J	35.1	270°

RW08

NILU2S	50.2	2°
ELTO7S	29.9	101°
HMR5S	40.2	217°
XILA4S	35.1	270°

RW19 (ALL)

NILU2P	50.2	2°
ELTO7P	29.9	101°
HMR4P	40.2	217°
XILA5P	35.1	270°

RW19R

NILU2N	50.2	2°
ELTO3N	29.9	101°
HMR3N	40.2	217°
XILA3N	35.1	270°

RW26

NILU2T, NILU2V	50.2	2°
ELTO2H, ELTO4T, ELTO3V	29.9	101°
HMR3V, HMR4T	40.2	217°
XILA3V, XILA5T	35.1	270°

Holding patterns

STAR name	hold at	type	turn	heading*	altitude	leg	speed limit
ELTO4T	ELTOK	VHF	left	285 (105)°	> 10000ft	1.5min timed	230
ELTO4T	ERK	FIX	left	38 (218)°	> 2500ft	1.0min timed	230
ELTO7M	ELTOK	VHF	left	285 (105)°	> 10000ft	1.5min timed	230
ELTO7M	LNA	FIX	left	259 (79)°	> 2500ft	1.0min timed	230
ELTO7P	BALVI	VHF	left	294 (114)°	> 2500ft	1.0min timed	230
ELTO7P	ELTOK	VHF	left	285 (105)°	> 10000ft	1.5min timed	230
ELTO7S	BALVI	VHF	left	294 (114)°	> 2500ft	1.0min timed	230
ELTO7S	ELTOK	VHF	left	285 (105)°	> 10000ft	1.5min timed	230
HMR4P	ERK	FIX	left	38 (218)°	> 2500ft	1.0min timed	230
HMR4P	HMR	NDB	left	11 (191)°	> 10000ft	1.5min timed	230
HMR4T	ERK	FIX	left	38 (218)°	> 2500ft	1.0min timed	230
HMR4T	HMR	NDB	left	11 (191)°	> 10000ft	1.5min timed	230
HMR5M	HMR	NDB	left	11 (191)°	> 10000ft	1.5min timed	230

HMR5M	TEB	NDB	right	177 (357)°	> 2500ft	1.0min timed	230
HMR5S	HMR	NDB	left	11 (191)°	> 10000ft	1.5min timed	230
HMR5S	TEB	NDB	right	177 (357)°	> 2500ft	1.0min timed	230
NILU2M	NILUG	VHF	right	187 (7)°	> 10000ft	1.0min timed	230
NILU2M	TEB	NDB	right	177 (357)°	> 2500ft	1.0min timed	230
NILU2P	ERK	FIX	left	38 (218)°	> 2500ft	1.0min timed	230
NILU2P	NILUG	VHF	right	187 (7)°	> 10000ft	1.0min timed	230
NILU2P	TEB	NDB	right	177 (357)°	> 2500ft	1.0min timed	230
NILU2S	NILUG	VHF	right	187 (7)°	> 10000ft	1.0min timed	230
NILU2S	TEB	NDB	right	177 (357)°	> 2500ft	1.0min timed	230
NILU2T	NILUG	VHF	right	187 (7)°	> 10000ft	1.0min timed	230
NILU2T	TEB	NDB	right	177 (357)°	> 2500ft	1.0min timed	230
XILA4M	TEB	NDB	right	177 (357)°	> 2500ft	1.0min timed	230
XILA4M	XILAN	VHF	left	68 (248)°	10000ft - 24500ft	1.5min timed	230
XILA4S	TEB	NDB	right	177 (357)°	> 2500ft	1.0min timed	230
XILA4S	XILAN	VHF	left	68 (248)°	10000ft - 24500ft	1.5min timed	230
XILA5P	ERK	FIX	left	38 (218)°	> 2500ft	1.0min timed	230
XILA5P	XILAN	VHF	left	68 (248)°	10000ft - 24500ft	1.5min timed	230
XILA5T	TEB	NDB	right	177 (357)°	> 2500ft	1.0min timed	230
XILA5T	XILAN	VHF	left	68 (248)°	10000ft - 24500ft	1.5min timed	230

*) magnetic outbound (inbound) holding course

Disclaimer

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