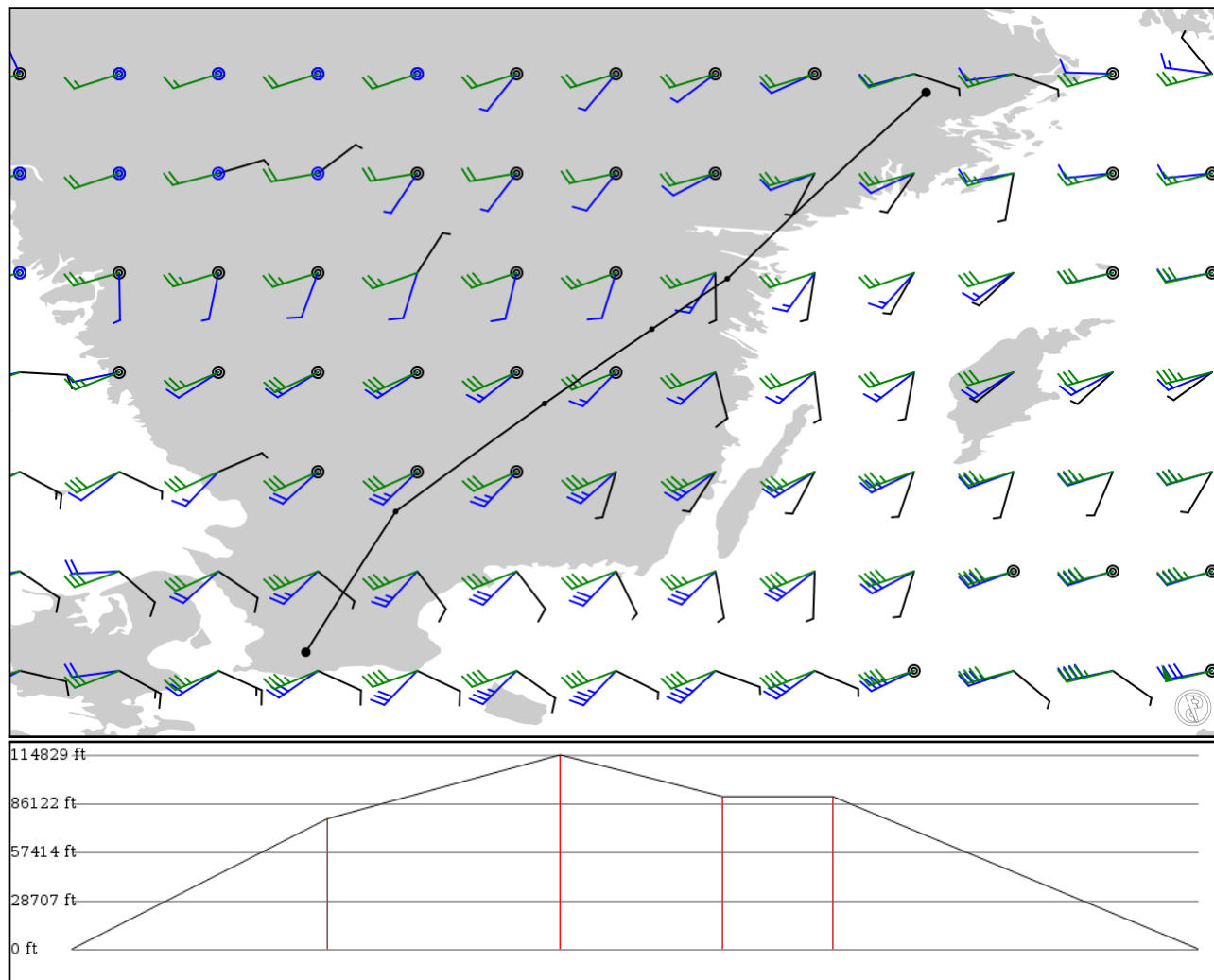


2024/05/11 0544Z

ESMS ROXEN **UN851** PELUP ESSA

289.86 nm / 536.82 km



Notes

Basic altitude profile:

- Ascent Rate: 1500ft/min
- Ascent Speed: 190kts
- Cruise Altitude: 28000ft
- Cruise Speed: 350kts
- Descent Rate: 2000ft/min
- Descent Speed: 200kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
ESMS	-	55.52888	0 ft	-	Malmo Sturup
APT	-	13.37111	0 m	-	
ROXEN	-	56.56453	23,500 ft	66	-
FIX	-	14.03333	7,163 m	-	
BEDOS	UN851	57.35981	35,000 ft	59	-
FIX	AWY-HI	15.13064	10,668 m	-	
MIKNA	UN851	57.90703	27,500 ft	41	-
FIX	AWY-HI	15.92197	8,382 m	-	
PELUP	UN851	58.27883	27,500 ft	28	-
FIX	AWY-HI	16.47792	8,382 m	-	
ESSA	-	59.65014	0 ft	94	Stockholm Arlanda
APT	-	17.94363	0 m	-	

ESMS

Region: SWEDEN
Timezone: EUROPE/STOCKHOLM
Runways: 2

Elevation: 237 ft / 72 m
Location: 55.528900 13.371100
Magnetic Var: 4.899 E

METAR

ESMS 110520Z 33004KT 0100 R17/0250N R35/0375N FG VV001 08/08 Q1023

TAF

TAF AMD ESMS 110422Z 1104/1203 VRB02KT 0100 FG VV001 BECMG 1104/1106 9999 NSW FEW005 TEMPO 1106/1112 BKN010 TEMPO

Frequencies

REC - 129.27 MHz - MALMO ATIS
TWR - 121.70 MHz - MALMO TOWER
APP - 135.90 MHz - MALMO APPROACH

TWR - 118.80 MHz - MALMO TOWER
APP - 135.12 MHz - MALMO APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
11	59 ft	2,575 ft	105.36	ASPHALT	0 ft	0 ft
	18 m	785 m	100.46		0 m	0 m
29	59 ft	2,575 ft	285.37	ASPHALT	0 ft	0 ft
	18 m	785 m	280.47		0 m	0 m
17	148 ft	9,181 ft	173.36	ASPHALT	0 ft	0 ft
	45 m	2,798 m	168.47		0 m	0 m
35	148 ft	9,181 ft	353.37	ASPHALT	0 ft	0 ft
	45 m	2,798 m	348.47		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
17	LOC-ILS	NMS	111.90 MHz	18 nm	173.37	-	237 ft
				33 km	168.47		237 m
35	LOC-ILS	SMS	108.10 MHz	18 nm	353.37	-	237 ft
				33 km	348.47		237 m
17	GS	NMS	111.90 MHz	10 nm	173.37	3.00	237 ft
				19 km	168.47		237 m
35	GS	SMS	108.10 MHz	10 nm	353.37	3.00	237 ft
				19 km	348.47		237 m

ESSA

Region: SWEDEN
Timezone: EUROPE/STOCKHOLM
Runways: 3

Elevation: 138 ft / 42 m
Location: 59.651900 17.918600
Magnetic Var: 7.122 E

METAR

ESSA 110520Z VRB02KT CAVOK 07/02 Q1024 NOSIG

TAF

TAF ESSA 110230Z 1103/1203 VRB03KT CAVOK

Frequencies

REC - 119.00 MHz - ATIS	REC - 121.62 MHz - ATIS
APP - 123.75 MHz - STOCKHOLM CONTROL APPROACH	APP - 120.15 MHz - STOCKHOLM CONTROL APPROACH
APP - 126.65 MHz - STOCKHOLM CONTROL APPROACH	DEP - 123.75 MHz - STOCKHOLM CONTROL DEPARTURE
DEP - 120.15 MHz - STOCKHOLM CONTROL DEPARTURE	DEP - 126.65 MHz - STOCKHOLM CONTROL DEPARTURE
TWR - 118.50 MHz - ARLANDA TOWER	TWR - 125.12 MHz - ARLANDA TOWER
TWR - 128.72 MHz - ARLANDA TOWER	TWR - 123.10 MHz - ARLANDA TOWER
GND - 121.70 MHz - ARLANDA GROUND	GND - 121.97 MHz - ARLANDA GROUND
GND - 121.92 MHz - ARLANDA GROUND	CLD - 121.82 MHz - CLEARANCE DELIVERY

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01L	148 ft	10,817 ft	10.38	ASPHALT	0 ft	154 ft
	45 m	3,297 m	3.25		0 m	47 m
19R	148 ft	10,817 ft	190.38	ASPHALT	0 ft	164 ft
	45 m	3,297 m	183.26		0 m	50 m
01R	148 ft	8,151 ft	10.38	ASPHALT	0 ft	223 ft
	45 m	2,484 m	3.25		0 m	68 m
19L	148 ft	8,151 ft	190.38	ASPHALT	0 ft	0 ft
	45 m	2,484 m	183.26		0 m	0 m
08	148 ft	8,180 ft	75.84	ASPHALT	0 ft	161 ft
	45 m	2,493 m	68.72		0 m	49 m
26	148 ft	8,180 ft	255.88	ASPHALT	0 ft	161 ft
	45 m	2,493 m	248.76		0 m	49 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01L	LOC-ILS	SSA	109.90 MHz	18 nm	10.38	-	138 ft
				33 km	3.26		138 m
01R	LOC-ILS	TSA	109.35 MHz	18 nm	10.38	-	138 ft
				33 km	3.26		138 m
19L	LOC-ILS	USA	111.35 MHz	18 nm	190.38	-	138 ft
				33 km	183.26		138 m
19R	LOC-ILS	NSA	110.70 MHz	18 nm	190.38	-	138 ft
				33 km	183.26		138 m
26	LOC-ILS	ESA	110.10 MHz	18 nm	255.86	-	138 ft
				33 km	248.74		138 m
08	LOC-LOC	WSA	109.55 MHz	18 nm	75.86	-	138 ft
				33 km	68.74		138 m
01L	GS	SSA	109.90 MHz	10 nm	10.38	3.00	138 ft
				19 km	3.26		138 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01R	GS	TSA	109.35 MHz	10 nm	10.38	3.00	138 ft
				19 km	3.26		138 m
19L	GS	USA	111.35 MHz	10 nm	190.38	3.00	138 ft
				19 km	183.26		138 m
19R	GS	NSA	110.70 MHz	10 nm	190.38	3.00	138 ft
				19 km	183.26		138 m
26	GS	ESA	110.10 MHz	10 nm	255.86	3.00	138 ft
				19 km	248.74		138 m