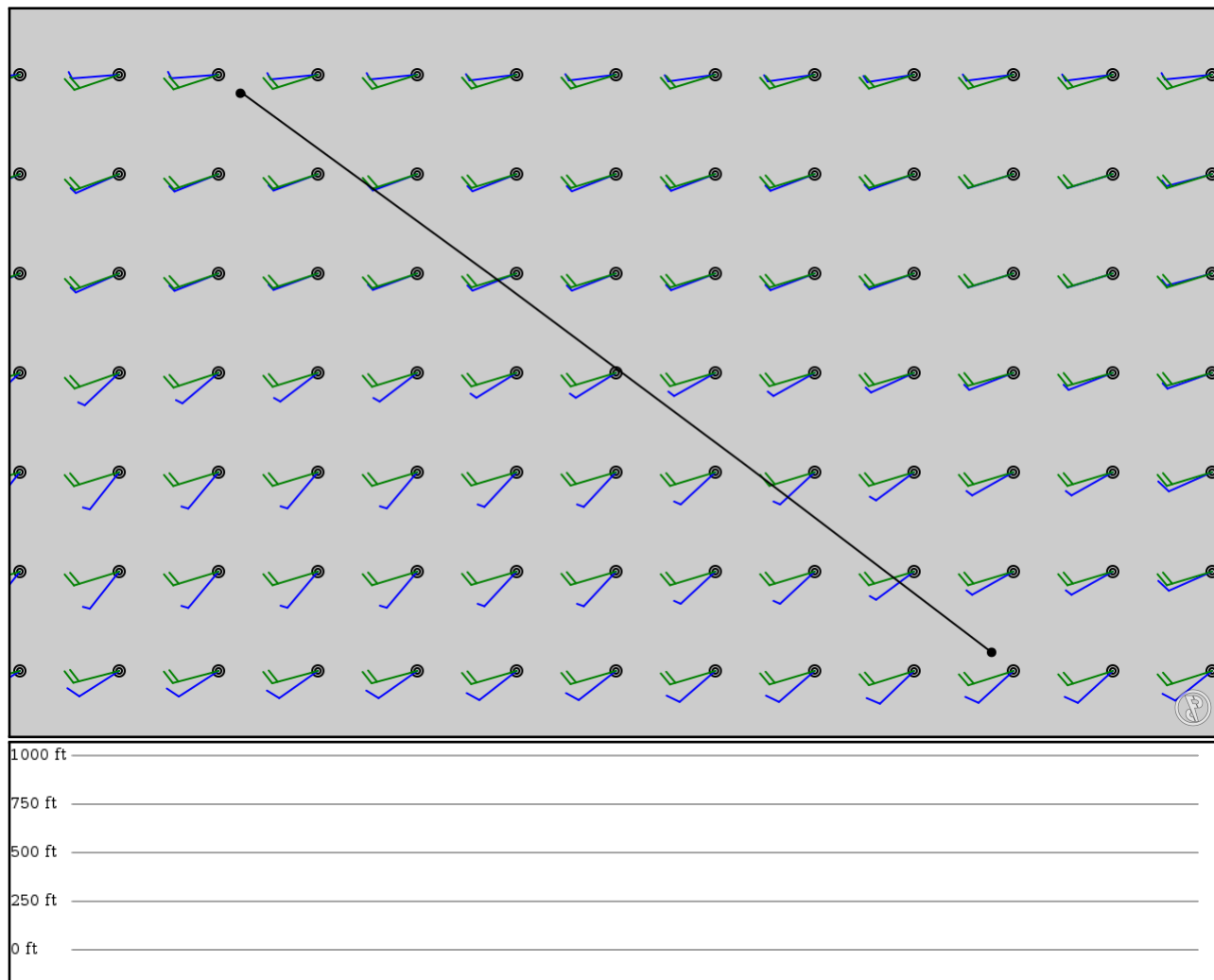


2024/04/28 0300Z

ESOW BOR ESSD

60.24 nm / 111.57 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

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
ESOW	-	59.58980	0 ft	-	Stockholm Vasteras
APT	-	16.63390	0 m		
BOR	-	60.42150	0 ft	60	BORLANGE
VOR	-	15.51920	0 m		
ESSD	-	60.42210	0 ft	0	Borlange
APT	-	15.51540	0 m		

ESOW

Region: SWEDEN
Timezone: EUROPE/STOCKHOLM
Runways: 1

Elevation: 19 ft / 6 m
Location: 59.589800 16.633900
Magnetic Var: 6.610 E

METAR

ESOW 280220Z AUTO 01005KT 5000 NCD M02/M03 Q1021

TAF

UNKNOWN

Frequencies

COM - 128.80 MHz - VASTERAS UNICOM
TWR - 130.60 MHz - VASTERAS TOWER

REC - 127.55 MHz - VASTERAS ATIS
DEP - 125.95 MHz - VASTERAS CONTROL

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01	148 ft	8,476 ft	11.65	ASPHALT	0 ft	0 ft
	45 m	2,584 m	5.04		0 m	0 m
19	148 ft	8,476 ft	191.65	ASPHALT	0 ft	0 ft
	45 m	2,584 m	185.04		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
19	DME	SCD	108.30 MHz	18 nm	-	-	38 ft
				33 km	-		38 m
19	LOC-ILS	SCD	108.30 MHz	18 nm	191.65	-	19 ft
				33 km	185.04		19 m
19	GS	SCD	108.30 MHz	10 nm	191.65	3.25	19 ft
				19 km	185.04		19 m

ESSD

Region: SWEDEN
Timezone: EUROPE/STOCKHOLM
Runways: 1

Elevation: 502 ft / 153 m
Location: 60.422100 15.515400
Magnetic Var: 6.312 E

METAR

ESSD 280220Z AUTO 28002KT 0350 R32/1500D BCFG FEW150/// M02/M03 Q1019

TAF

UNKNOWN

Frequencies

TWR - 123.30 MHz -

TWR - 127.30 MHz -

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
14	148 ft	7,561 ft	132.46	ASPHALT	0 ft	210 ft
	45 m	2,305 m	126.15		0 m	64 m
32	148 ft	7,561 ft	312.49	ASPHALT	0 ft	112 ft
	45 m	2,305 m	306.18		0 m	34 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
32	LOC-ILS	SD	109.50 MHz	18 nm	312.44	-	503 ft
				33 km	306.13		503 m
32	GS	SD	109.50 MHz	10 nm	312.95	3.00	503 ft
				19 km	306.64		503 m