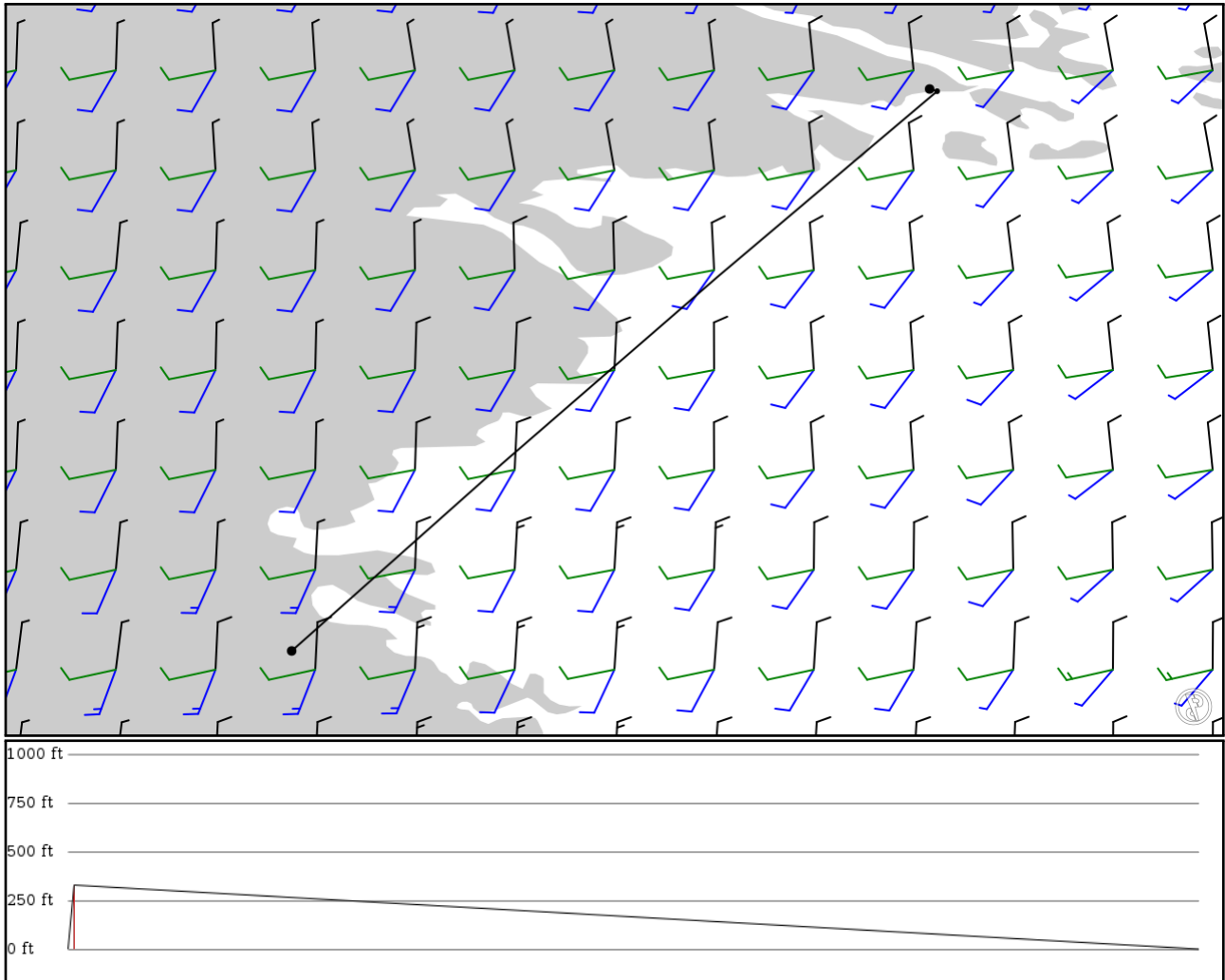


2024/05/20 0229Z

ESPA SLU ESNS

61.52 nm / 113.93 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
ESPA	-	65.54380	0 ft	-	Lulea Kallax
APT	-	22.12200	0 m		
SLU	-	65.54020	100 ft	0	LULEA
VOR	-	22.13430	30 m		
ESNS	-	64.62470	0 ft	61	Skelleftea
APT	-	21.07690	0 m		

## ESPA

Region: SWEDEN  
Timezone: EUROPE/STOCKHOLM  
Runways: 1

Elevation: 64 ft / 20 m  
Location: 65.543800 22.122000  
Magnetic Var: 10.553 E

## METAR

ESPA 200220Z AUTO 32010KT 9999 NCD 05/M02 Q1015

## TAF

UNKNOWN

## Frequencies

TWR - 128.20 MHz - KALLAX TOWER  
APP - 130.80 MHz - KALLAX CONTROL

APP - 124.45 MHz - KALLAX CONTROL  
APP - 119.00 MHz - KALLAX PRECISION

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
14	148 ft	10,957 ft	137.32	ASPHALT	0 ft	200 ft
	45 m	3,340 m	126.76		0 m	61 m
32	148 ft	10,957 ft	317.36	ASPHALT	0 ft	200 ft
	45 m	3,340 m	306.81		0 m	61 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
32	DME	SPA	109.90 MHz	18 nm	-	-	45 ft
				33 km	-		45 m
14	LOC-ILS	PA	110.30 MHz	18 nm	137.35	-	64 ft
				33 km	126.80		64 m
32	LOC-ILS	SPA	109.90 MHz	18 nm	317.35	-	64 ft
				33 km	306.80		64 m
14	GS	PA	110.30 MHz	10 nm	137.35	2.86	64 ft
				19 km	126.80		64 m
32	GS	SPA	109.90 MHz	10 nm	317.35	2.86	64 ft
				19 km	306.80		64 m

## ESNS

Region: SWEDEN  
Timezone: EUROPE/STOCKHOLM  
Runways: 1

Elevation: 157 ft / 48 m  
Location: 64.624700 21.076900  
Magnetic Var: 9.755 E

## METAR

ESNS 200220Z AUTO 28009KT 9999 NCD 05/M01 Q1016

## TAF

UNKNOWN

## Frequencies

TWR - 122.05 MHz -

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10	148 ft	6,872 ft	106.26	ASPHALT	0 ft	0 ft
	45 m	2,095 m	96.50		0 m	0 m
28	148 ft	6,872 ft	286.30	ASPHALT	0 ft	0 ft
	45 m	2,095 m	276.54		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
28	LOC-ILS	NS	109.50 MHz	18 nm	286.26	-	155 ft
				33 km	276.51		155 m
28	GS	NS	109.50 MHz	10 nm	286.55	3.00	155 ft
				19 km	276.80		155 m