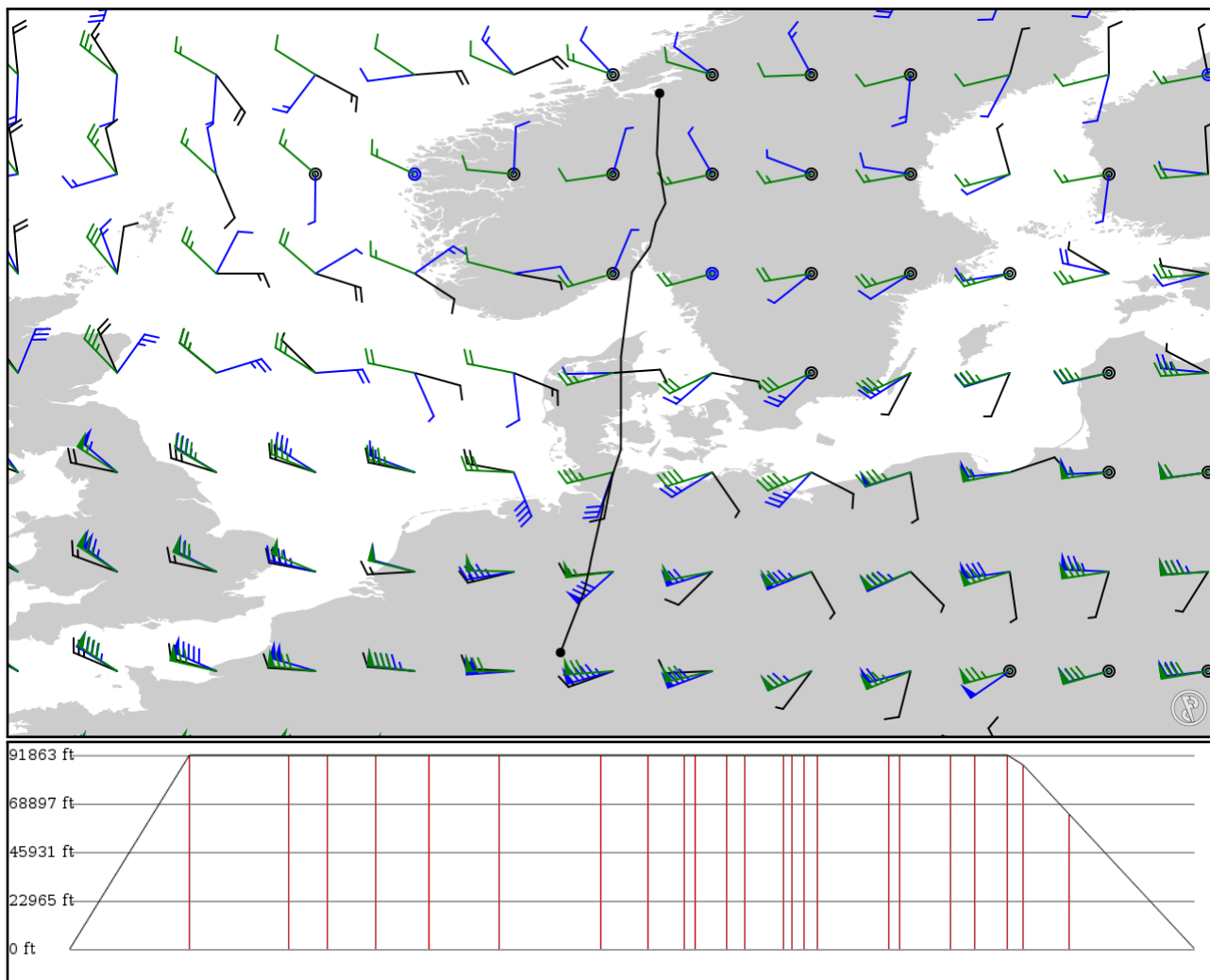


2024/05/21 1325Z

ENVA AMOXA **P601** TOR **P615** AAL AAL **P615** TUGDU **UM852** EKERN **UP615** LBV **UL126** PIROT **N850** WRB EDDF

815.50 nm / 1510.30 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 28000ft
- 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
ENVA	-	63.45750	0 ft	-	Trondheim Vaernes
APT	-	10.92420	0 m		
AMOX	-	62.00000	28,000 ft	87	-
FIX	-	10.85950	8,534 m		
PIVAT	P601	60.81670	28,000 ft	71	-
FIX	AWY-HI	11.06670	8,534 m		
XUKDI	P601	60.36040	28,000 ft	28	-
FIX	AWY-HI	10.83330	8,534 m		
BAMIX	P601	59.77920	28,000 ft	35	-
FIX	AWY-HI	10.69720	8,534 m		
TOR	P601	59.16910	28,000 ft	38	TORP
VOR	AWY-HI	10.25930	8,534 m		
ARTOR	P615	58.33440	28,000 ft	50	-
FIX	AWY-HI	10.14900	8,534 m		
AAL	P615	57.10390	28,000 ft	74	AALBORG VOR-DME
DME	AWY-HI	9.99281	8,534 m		
AAL	-	57.10370	28,000 ft	0	AALBORG
VOR	-	9.99558	8,534 m		
RADIS	P615	56.54170	28,000 ft	33	-
FIX	AWY-HI	9.99500	8,534 m		
LUTUS	P615	56.10080	28,000 ft	26	-
FIX	AWY-HI	9.99444	8,534 m		
ABINO	P615	55.96830	28,000 ft	7	-
FIX	AWY-HI	9.99444	8,534 m		
RIDSI	P615	55.59170	28,000 ft	22	-
FIX	AWY-HI	9.99417	8,534 m		
ASBIL	P615	55.37190	28,000 ft	13	-
FIX	AWY-HI	9.99389	8,534 m		
ALS	P615	54.90540	28,000 ft	28	ALSIE
VOR	AWY-HI	9.99338	8,534 m		
ALASA	P615	54.80860	28,000 ft	5	-
FIX	AWY-HI	9.96167	8,534 m		
TUGDU	P615	54.65280	28,000 ft	9	-
FIX	AWY-HI	9.91083	8,534 m		
EKERN	UM852	54.50580	28,000 ft	8	-
FIX	AWY-HI	9.86387	8,534 m		
LBV	UP615	53.65260	28,000 ft	52	ELBE
VOR	AWY-HI	9.57948	8,534 m		
ESTAD	UL126	53.52530	28,000 ft	7	-
FIX	AWY-HI	9.56464	8,534 m		
KEGAB	UL126	52.91750	28,000 ft	36	-
FIX	AWY-HI	9.42417	8,534 m		
TIMEN	UL126	52.63220	28,000 ft	17	-
FIX	AWY-HI	9.35889	8,534 m		
ROBEG	UL126	52.23360	28,000 ft	24	-
FIX	AWY-HI	9.26962	8,534 m		
PIROT	UL126	52.05340	26,600 ft	10	-
FIX	AWY-HI	9.23690	8,108 m		
WRB	N850	51.50570	19,500 ft	33	WARBURG
VOR	AWY-LO	9.11091	5,944 m		
EDDF	-	50.03260	0 ft	91	Frankfurt
APT	-	8.54067	0 m		

## ENVA

Region: NORWAY  
Timezone: EUROPE/OSLO  
Runways: 1

Elevation: 56 ft / 17 m  
Location: 63.457500 10.924200  
Magnetic Var: 4.728 E

## METAR

ENVA 211320Z 25011KT CAVOK 20/08 Q1019 NOSIG RMK WIND 670FT 29010KT

## TAF

TAF ENVA 211100Z 2112/2212 26012KT CAVOK BECMG 2118/2120 VRB05KT BECMG 2206/2209 15012KT

## Frequencies

REC - 127.55 MHz - ATIS  
GND - 121.60 MHz - GROUND  
APP - 119.15 MHz - TAR

TWR - 119.40 MHz -  
APP - 118.60 MHz -

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	148 ft	9,744 ft	90.18	ASPHALT	830 ft	0 ft
	45 m	2,970 m	85.46		253 m	0 m
27	148 ft	9,744 ft	270.24	ASPHALT	745 ft	0 ft
	45 m	2,970 m	265.51		227 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09	DME	TO	110.30 MHz	18 nm	-	-	31 ft
				33 km	-		31 m
27	DME	TD	109.90 MHz	18 nm	-	-	78 ft
				33 km	-		78 m
09	LOC-ILS	TO	110.30 MHz	18 nm	90.26	-	31 ft
				33 km	85.53		31 m
27	LOC-ILS	TD	109.90 MHz	18 nm	270.20	-	56 ft
				33 km	265.47		56 m
09	GS	TO	110.30 MHz	10 nm	90.46	3.00	56 ft
				19 km	85.73		56 m
27	GS	TD	109.90 MHz	10 nm	270.46	3.40	56 ft
				19 km	265.73		56 m

## EDDF

Region: GERMANY - CIVIL  
Timezone: EUROPE/BERLIN  
Runways: 4

Elevation: 362 ft / 110 m  
Location: 50.032600 8.540670  
Magnetic Var: 3.177 E

## METAR

EDDF 211320Z AUTO 22007KT 9999 -RA FEW049 20/14 Q1005 NOSIG

## TAF

TAF TAF EDDF 211100Z 2112/2218 20006KT 9999 BKN030 TEMPO 2112/2116 RA PROB30 TEMPO 2113/2115 TSRA BKN020CB BECMG 2

## Frequencies

REC - 118.02 MHz - ATIS ARRIVAL  
GND - 121.80 MHz - GROUND  
GND - 121.70 MHz - APRON RAMP/TAXI  
GND - 121.85 MHz - APRON RAMP/TAXI  
TWR - 118.77 MHz - TOWER  
TWR - 124.85 MHz - TOWER  
TWR - 136.50 MHz - TOWER  
APP - 127.27 MHz - FRANKFURT DIRECT  
APP - 125.35 MHz - LANGEN RADAR  
APP - 120.80 MHz - LANGEN RADAR  
APP - 136.12 MHz - LANGEN RADAR

REC - 118.72 MHz - ATIS DEPARTURE  
GND - 121.65 MHz - APRON RAMP/TAXI  
GND - 121.95 MHz - APRON RAMP/TAXI  
GND - 121.75 MHz - APRON RAMP/TAXI  
TWR - 119.90 MHz - TOWER  
TWR - 127.32 MHz - TOWER  
CLD - 121.90 MHz - CLEARANCE DELIVERY  
APP - 118.50 MHz - FRANKFURT DIRECT  
APP - 126.55 MHz - LANGEN RADAR  
APP - 120.15 MHz - LANGEN RADAR  
APP - 119.02 MHz - LANGEN RADAR

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07L	148 ft	9,194 ft	69.56	CONCRETE	0 ft	0 ft
	45 m	2,802 m	66.39		0 m	0 m
25R	148 ft	9,194 ft	249.59	CONCRETE	0 ft	0 ft
	45 m	2,802 m	246.41		0 m	0 m
07C	197 ft	13,134 ft	69.57	ASPHALT	0 ft	203 ft
	60 m	4,003 m	66.39		0 m	62 m
25C	197 ft	13,134 ft	249.61	ASPHALT	0 ft	935 ft
	60 m	4,003 m	246.43		0 m	285 m
07R	148 ft	13,134 ft	69.59	ASPHALT	0 ft	213 ft
	45 m	4,003 m	66.41		0 m	65 m
25L	148 ft	13,134 ft	249.63	ASPHALT	0 ft	1,775 ft
	45 m	4,003 m	246.45		0 m	541 m
18	148 ft	13,083 ft	179.64	ASPHALT	0 ft	0 ft
	45 m	3,988 m	176.46		0 m	0 m
36	148 ft	13,083 ft	359.64	ASPHALT	0 ft	121 ft
	45 m	3,988 m	356.46		0 m	37 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	DME	IFNE	111.75 MHz	18 nm	-	-	357 ft
				33 km	-		357 m
25C	DME	IFCW	111.55 MHz	18 nm	-	-	364 ft
				33 km	-		364 m
25R	DME	IFNW	111.35 MHz	18 nm	-	-	357 ft
				33 km	-		357 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07C	LOC-ILS	IFCE	110.55 MHz	18 nm	69.59	-	362 ft
				33 km	66.41		362 m
07L	LOC-ILS	IFNE	111.75 MHz	18 nm	69.58	-	362 ft
				33 km	66.40		362 m
07R	LOC-ILS	IFSE	110.95 MHz	18 nm	69.61	-	362 ft
				33 km	66.43		362 m
25C	LOC-ILS	IFCW	111.55 MHz	18 nm	249.59	-	362 ft
				33 km	246.41		362 m
25L	LOC-ILS	IFSW	111.15 MHz	18 nm	249.61	-	362 ft
				33 km	246.43		362 m
25R	LOC-ILS	IFNW	111.35 MHz	18 nm	249.58	-	362 ft
				33 km	246.40		362 m
07C	GS	IFCE	110.55 MHz	10 nm	69.59	3.00	362 ft
				19 km	66.41		362 m
07L	GS	IFNE	111.75 MHz	10 nm	69.58	3.00	362 ft
				19 km	66.40		362 m
07R	GS	IFSE	110.95 MHz	10 nm	69.61	3.00	362 ft
				19 km	66.43		362 m
25C	GS	IFCW	111.55 MHz	10 nm	249.59	3.00	362 ft
				19 km	246.41		362 m
25L	GS	IFSW	111.15 MHz	10 nm	249.61	3.00	362 ft
				19 km	246.43		362 m
25R	GS	IFNW	111.35 MHz	10 nm	249.58	3.00	362 ft
				19 km	246.40		362 m