

ENGM

Oslo Gardermoen

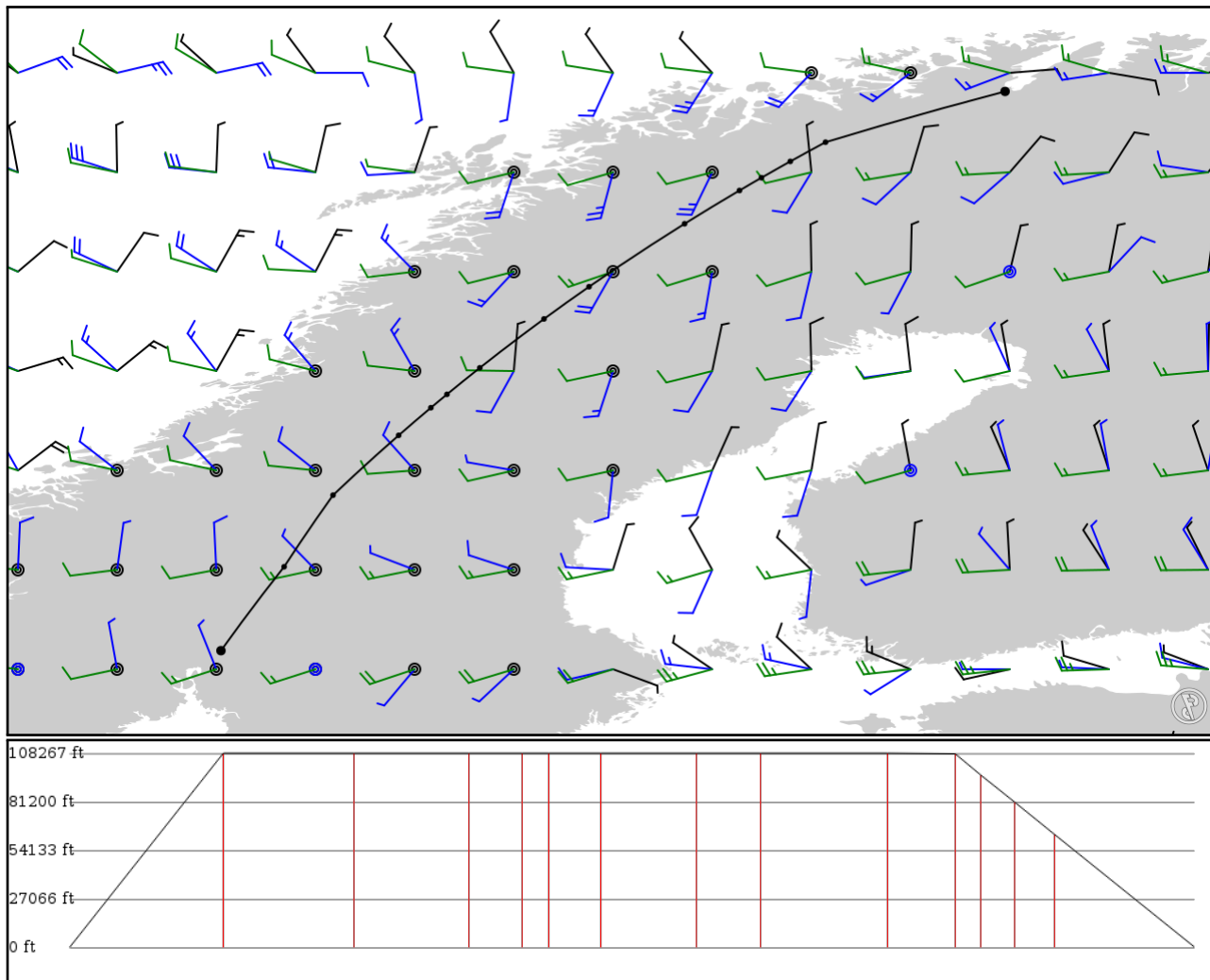
ENNA

BANAK

2024/05/19 1051Z

ENGM EGAGO **N150** GAPRO ENNA

689.37 nm / 1276.71 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 230kts
- Cruise Altitude: 33000ft
- Cruise Speed: 400kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: no
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
ENGM	-	60.19450	0 ft	-	Oslo Gardermoen
APT	-	11.09890	0 m		
EGAGO	-	61.67590	33,000 ft	94	-
FIX	-	12.21670	10,058 m		
MAVIP	N150	62.93990	33,000 ft	79	-
FIX	AWY-HI	13.08210	10,058 m		
NETAV	N150	63.99630	33,000 ft	70	-
FIX	AWY-HI	14.24350	10,058 m		
NUGTA	N150	64.48390	33,000 ft	32	-
FIX	AWY-HI	14.81360	10,058 m		
AGMOL	N150	64.72030	33,000 ft	15	-
FIX	AWY-HI	15.09840	10,058 m		
VESER	N150	65.18890	33,000 ft	31	-
FIX	AWY-HI	15.67970	10,058 m		
OSTAX	N150	66.05190	33,000 ft	58	-
FIX	AWY-HI	16.81470	10,058 m		
UPEVA	N150	66.62060	33,000 ft	39	-
FIX	AWY-HI	17.61220	10,058 m		
OGRIN	N150	67.73260	33,000 ft	77	-
FIX	AWY-HI	19.30260	10,058 m		
PEMAB	N150	68.31970	32,900 ft	41	-
FIX	AWY-HI	20.27360	10,028 m		
NOVRI	N150	68.54500	29,300 ft	16	-
FIX	AWY-HI	20.66220	8,931 m		
OGLAV	N150	68.83310	24,700 ft	20	-
FIX	AWY-HI	21.17280	7,529 m		
GAPRO	N150	69.17250	19,200 ft	24	-
FIX	AWY-HI	21.79610	5,852 m		
ENNA	-	70.06880	0 ft	85	BANAK
APT	-	24.97350	0 m		

ENGM

Region: NORWAY
Timezone: EUROPE/OSLO
Runways: 2

Elevation: 681 ft / 208 m
Location: 60.194500 11.098900
Magnetic Var: 4.485 E

METAR

ENGM 191020Z VRB02KT CAVOK 22/06 Q1011 NOSIG

TAF

TAF ENGM 190500Z 1906/2006 VRB05KT CAVOK BECMG 1912/1914 01010KT

Frequencies

REC - 126.12 MHz - GARDERMOEN ARRIVAL INFORMATION
CLD - 121.67 MHz - GARDERMOEN DELIVERY WEST
GND - 121.75 MHz - GARDERMOEN GROUND
GND - 121.90 MHz - GARDERMOEN GROUND EAST
TWR - 120.10 MHz - GARDERMOEN TOWER
APP - 120.45 MHz - OSLO APPROACH

REC - 127.15 MHz - GARDERMOEN DEPARTURE INFORMATION
CLD - 121.92 MHz - GARDERMOEN DELIVERY EAST
GND - 121.60 MHz - GARDERMOEN GROUND WEST
TWR - 118.30 MHz - GARDERMOEN TOWER
APP - 118.47 MHz - OSLO APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01R	148 ft	9,664 ft	16.01	ASPHALT	0 ft	486 ft
	45 m	2,946 m	11.52		0 m	148 m
19L	148 ft	9,664 ft	196.02	ASPHALT	0 ft	489 ft
	45 m	2,946 m	191.54		0 m	149 m
01L	148 ft	11,797 ft	15.99	ASPHALT	0 ft	423 ft
	45 m	3,596 m	11.51		0 m	129 m
19R	148 ft	11,797 ft	196.01	ASPHALT	0 ft	486 ft
	45 m	3,596 m	191.52		0 m	148 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01L	DME	OBW	110.30 MHz	18 nm	-	-	709 ft
				33 km	-		709 m
01R	DME	ONE	111.95 MHz	18 nm	-	-	723 ft
				33 km	-		723 m
19L	DME	GME	110.55 MHz	18 nm	-	-	729 ft
				33 km	-		729 m
19R	DME	GSW	111.30 MHz	18 nm	-	-	727 ft
				33 km	-		727 m
01L	LOC-ILS	OBW	110.30 MHz	18 nm	16.00	-	681 ft
				33 km	11.52		681 m
01R	LOC-ILS	ONE	111.95 MHz	18 nm	16.04	-	681 ft
				33 km	11.56		681 m
19L	LOC-ILS	GME	110.55 MHz	18 nm	196.04	-	681 ft
				33 km	191.56		681 m
19R	LOC-ILS	GSW	111.30 MHz	18 nm	196.00	-	681 ft
				33 km	191.52		681 m
01L	GS	OBW	110.30 MHz	10 nm	16.00	3.00	681 ft
				19 km	11.52		681 m
01R	GS	ONE	111.95 MHz	10 nm	16.04	3.00	681 ft
				19 km	11.56		681 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
19L	GS	GME	110.55 MHz	10 nm	196.04	3.00	681 ft
				19 km	191.56		681 m
19R	GS	GSW	111.30 MHz	10 nm	196.00	3.00	681 ft
				19 km	191.52		681 m

ENNA

Region: NORWAY
Timezone: UNKNOWN
Runways: 1

Elevation: 24 ft / 7 m
Location: 70.068800 24.973600
Magnetic Var: 13.834 E

METAR

ENNA 191020Z AUTO 36009KT 3200 -SN VV014 01/00 Q1004 RMK WIND 1800FT 21003KT

TAF

TAF AMD ENNA 190928Z 1909/2006 01009KT 9999 FEW009 SCT015 BKN025 TEMPO 1909/1917 0800 SN VV003 BECMG 1920/1922 280

Frequencies

REC - 136.32 MHz - ATIS
TWR - 122.10 MHz - BANAK TOWER

TWR - 118.90 MHz - BANAK TOWER
TWR - 118.05 MHz - BANAK TOWER

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16	148 ft	9,099 ft	175.40	ASPHALT	299 ft	0 ft
	45 m	2,774 m	161.56		91 m	0 m
34	148 ft	9,099 ft	355.40	ASPHALT	302 ft	0 ft
	45 m	2,774 m	341.57		92 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
34	LOC-ILS	BA	108.30 MHz	18 nm	355.40	-	24 ft
				33 km	341.57		24 m
16	LOC-LOC	BK	109.35 MHz	18 nm	175.40	-	24 ft
				33 km	161.57		24 m
34	GS	BA	108.30 MHz	10 nm	355.40	3.50	24 ft
				19 km	341.57		24 m