

ENGM

Oslo Gardermoen

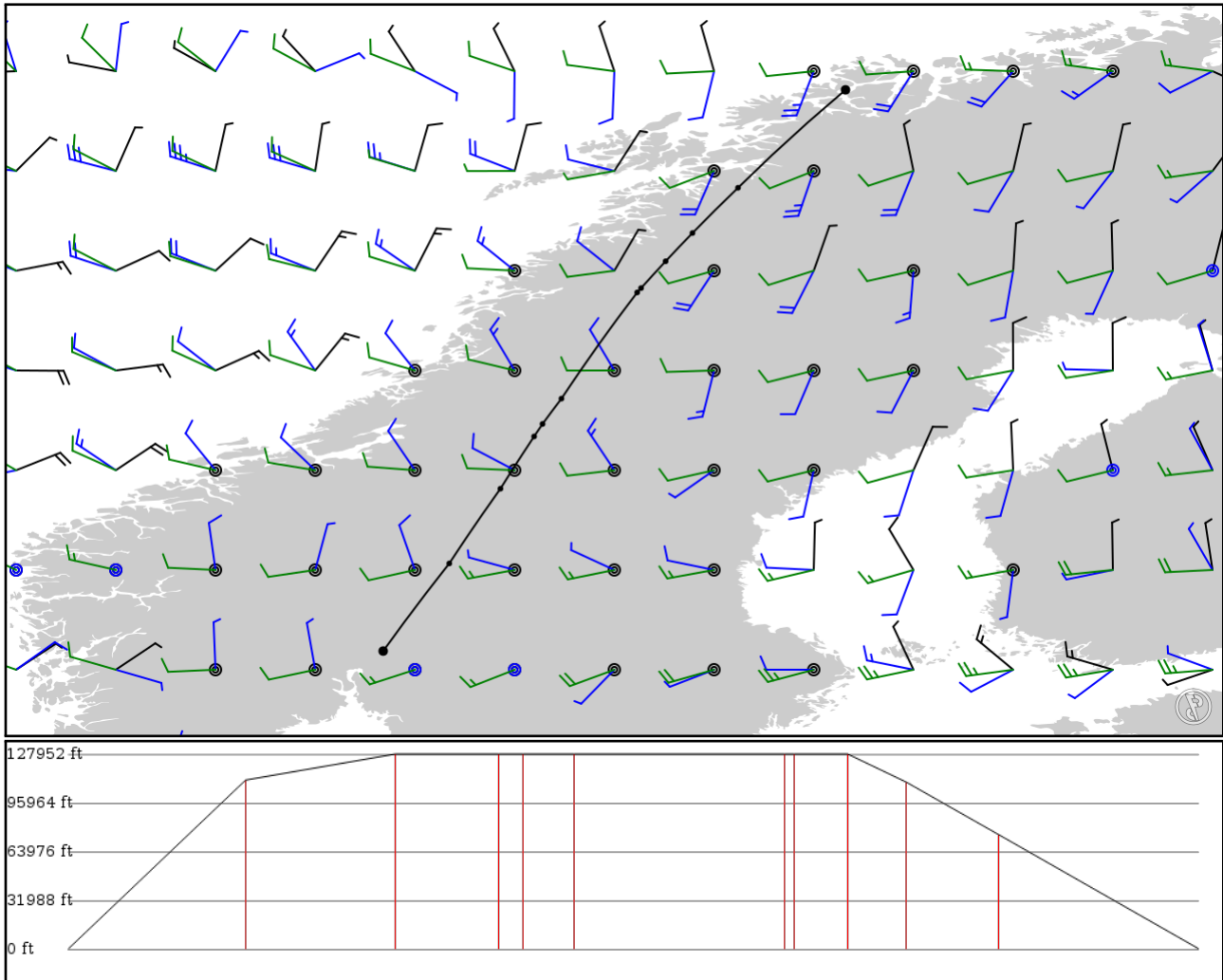
ENTC

Tromsø Langnes

2024/05/04 0445Z

ENGM EGAGO **N150** MAVIP **T65** GILEN ENTC

602.78 nm / 1116.35 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 39000ft
- 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
ENGM	-	60.19450	0 ft	-	Oslo Gardermoen
APT	-	11.09890	0 m	-	
EGAGO	-	61.67590	33,800 ft	94	-
FIX	-	12.21670	10,302 m	-	-
MAVIP	N150	62.93990	39,000 ft	79	-
FIX	AWY-HI	13.08210	11,887 m	-	-
DIRAV	T65	63.82290	39,000 ft	55	-
FIX	AWY-HI	13.65190	11,887 m	-	-
GIKAV	T65	64.03430	39,000 ft	13	-
FIX	AWY-HI	13.79390	11,887 m	-	-
NOGBO	T65	64.46260	39,000 ft	27	-
FIX	AWY-HI	14.11390	11,887 m	-	-
USIKI	T65	66.25750	39,000 ft	112	-
FIX	AWY-HI	15.39500	11,887 m	-	-
LIDNA	T65	66.33110	39,000 ft	4	-
FIX	AWY-HI	15.46080	11,887 m	-	-
ABAXI	T65	66.78500	39,000 ft	29	-
FIX	AWY-HI	15.87580	11,887 m	-	-
TIPEL	T65	67.26190	33,400 ft	30	-
FIX	AWY-HI	16.33000	10,180 m	-	-
GILEN	T65	68.02750	22,900 ft	49	-
FIX	AWY-HI	17.10110	6,980 m	-	-
ENTC	-	69.68290	0 ft	106	Tromso Langnes
APT	-	18.91860	0 m	-	

ENGM

Region: NORWAY
Timezone: EUROPE/OSLO
Runways: 2

Elevation: 681 ft / 208 m
Location: 60.194500 11.098900
Magnetic Var: 4.478 E

METAR

ENGM 040420Z 01004KT CAVOK 05/01 Q1016 NOSIG

TAF

TAF ENGM 032300Z 0400/0424 01005KT CAVOK BECMG 0412/0414 13010KT BECMG 0420/0422 01005KT

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	11.53		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	11.52		0 m	129 m
19R	148 ft	11,797 ft	196.01	ASPHALT	0 ft	486 ft
	45 m	3,596 m	191.53		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

ENTC

Region: NORWAY
Timezone: EUROPE/OSLO
Runways: 1

Elevation: 28 ft / 9 m
Location: 69.682900 18.918600
Magnetic Var: 10.265 E

METAR

ENTC 040420Z 28011KT 9999 FEW027 BKN038 OVC046 03/01 Q1018 RMK WIND 2600FT 31007KT

TAF

TAF ENTC 032300Z 0400/0424 21005KT 9999 FEW008 BKN018 PROB30 TEMPO 0404/0414 BKN012 BECMG 0412/0414 03010KT

Frequencies

REC - 126.12 MHz - TROMSO ATIS
APP - 123.75 MHz - TROMSO APPROACH

TWR - 118.30 MHz - TROMSO TOWER

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
18	148 ft	7,520 ft	193.07	ASPHALT	971 ft	0 ft
	45 m	2,292 m	182.80		296 m	0 m
36	148 ft	7,520 ft	13.05	ASPHALT	0 ft	0 ft
	45 m	2,292 m	2.79		0 m	0 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
36	LOC-ILS	TC	110.90 MHz	18 nm	13.07	-	28 ft
				33 km	2.81		28 m
18	LOC-ILS	TR	109.90 MHz	18 nm	193.07	-	28 ft
				33 km	182.81		28 m
36	GS	TC	110.90 MHz	10 nm	13.07	4.00	28 ft
				19 km	2.81		28 m
18	GS	TR	109.90 MHz	10 nm	193.07	4.00	28 ft
				19 km	182.81		28 m