

ENGM

Oslo Gardermoen

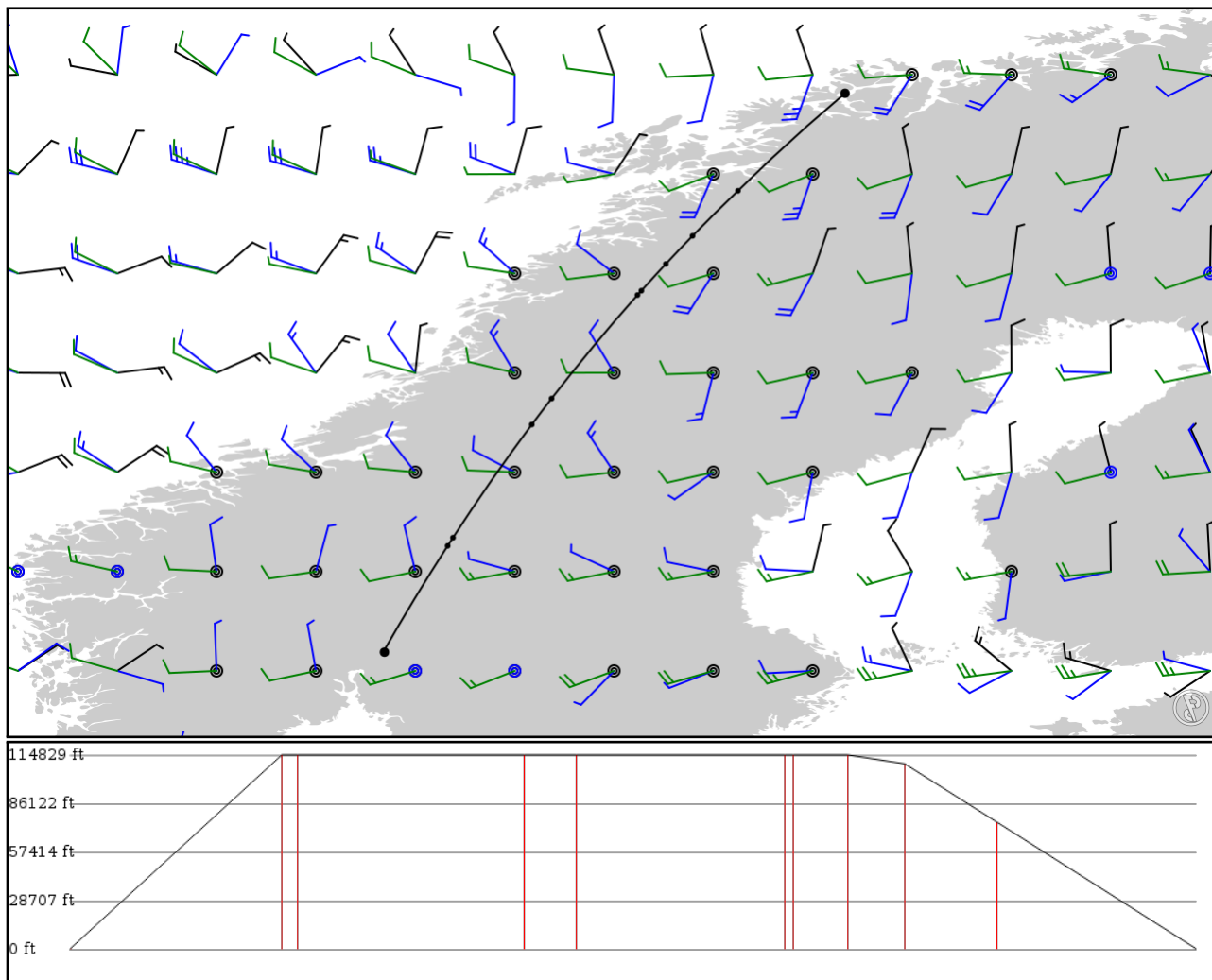
ENTC

Tromsø Langnes

2024/05/06 0557Z

ENGM GRM **UP600** GILEN ENTC

603.54 nm / 1117.76 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 36000ft
- Cruise Speed: 420kts
- 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	-	60.19451	0 ft	-	Oslo Gardermoen
APT	-	11.09900	0 m		
GRM	-	60.19176	200 ft	0	GARDERMOEN VOR-DME
VOR	-	11.07442	61 m		
TORGA	UP600	62.00000	35,000 ft	113	-
FIX	AWY-HI	12.17194	10,668 m		
RIGNA	UP600	62.13889	35,000 ft	8	-
FIX	AWY-HI	12.26194	10,668 m		
BESLO	UP600	64.05861	35,000 ft	120	-
FIX	AWY-HI	13.60056	10,668 m		
SOVIL	UP600	64.50056	35,000 ft	27	-
FIX	AWY-HI	13.93667	10,668 m		
USIKI	UP600	66.25750	35,000 ft	111	-
FIX	AWY-HI	15.39500	10,668 m		
LIDNA	UP600	66.33111	35,000 ft	4	-
FIX	AWY-HI	15.46083	10,668 m		
ABAXI	UP600	66.78500	35,000 ft	29	-
FIX	AWY-HI	15.87583	10,668 m		
TIPEL	UP600	67.26194	33,400 ft	30	-
FIX	AWY-HI	16.33000	10,180 m		
GILEN	UP600	68.02750	22,900 ft	49	-
FIX	AWY-HI	17.10111	6,980 m		
ENTC	-	69.68287	0 ft	106	Tromso Langnes
APT	-	18.91936	0 m		

ENGM

Region: NORWAY
Timezone: EUROPE/OSLO
Runways: 2

Elevation: 681 ft / 208 m
Location: 60.194500 11.098900
Magnetic Var: 4.479 E

METAR

ENGM 060520Z 06008KT 010V080 9999 OVC024 08/03 Q1010 NOSIG

TAF

TAF ENGM 052300Z 0600/0624 04008KT 9999 SCT030 BKN060 PROB40 TEMPO 0600/0602 SHRA BKN020 FEW030CB

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	11.51		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: 10.266 E

METAR

ENTC 060520Z 02004KT 9999 BKN034 01/M04 Q1022 NOSIG RMK WIND 2600FT 04012KT

TAF

TAF ENTC 052300Z 0600/0624 02009KT 9999 FEW025 BKN035

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 Nav aids

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	2.80		28 m
18	LOC-ILS	TR	109.90 MHz	18 nm	193.07	-	28 ft
				33 km	182.80		28 m
36	GS	TC	110.90 MHz	10 nm	13.07	4.00	28 ft
				19 km	2.80		28 m
18	GS	TR	109.90 MHz	10 nm	193.07	4.00	28 ft
				19 km	182.80		28 m