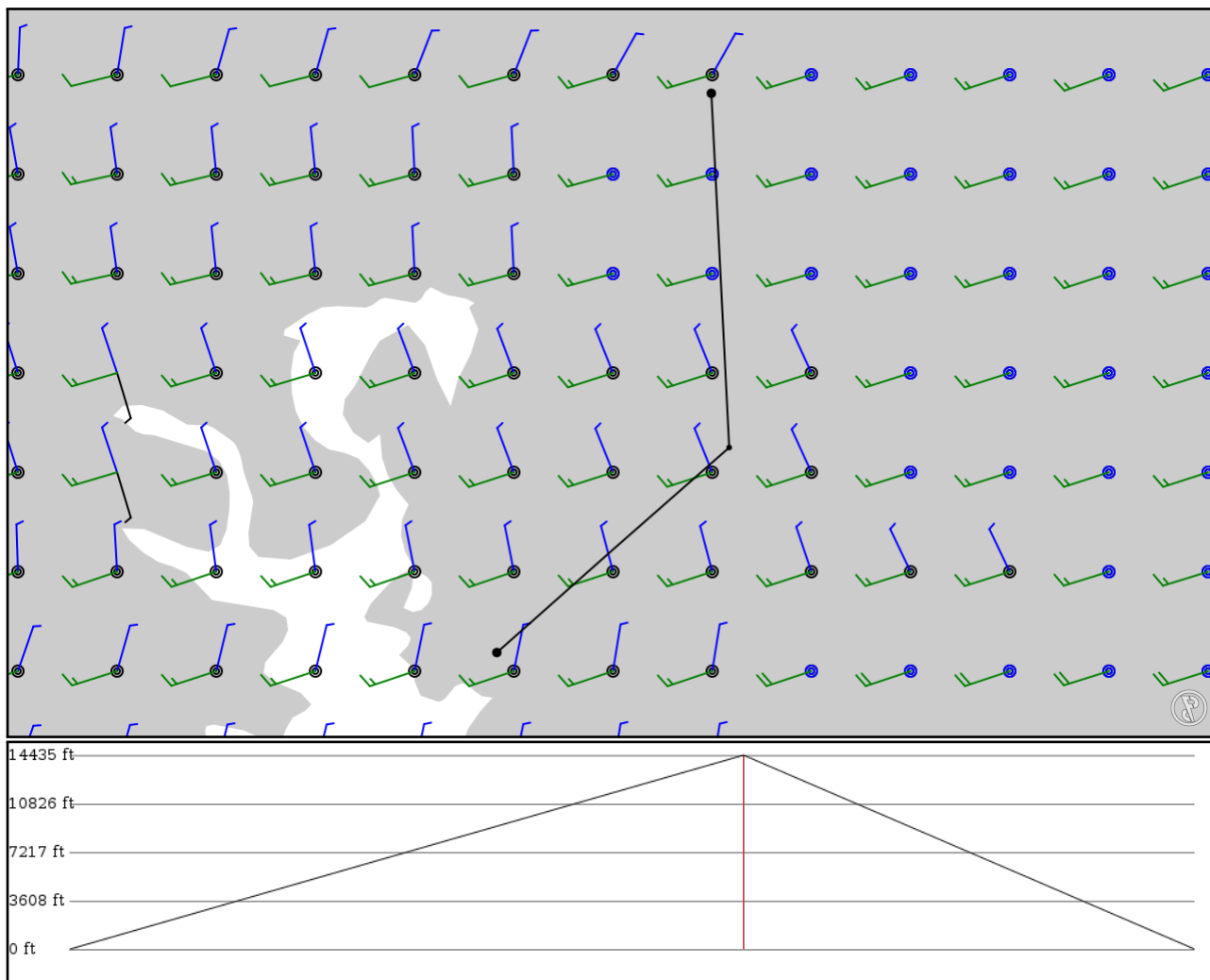


2024/05/05 0350Z

ENGM ELVOM ENRY

51.76 nm / 95.87 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
ENGM	-	60.19450	0 ft	-	Oslo Gardermoen
APT	-	11.09890	0 m		
ELVOM	-	59.67780	4,400 ft	31	-
FIX	-	11.12500	1,341 m		
ENRY	-	59.37880	0 ft	20	RYGGE
APT	-	10.78540	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 050320Z 03003KT CAVOK 06/02 Q1009

TAF

TAF ENGM 042300Z 0500/0524 VRB03KT CAVOK TEMPO 0508/0518 SHRA BKN008 SCT030CB BECMG 0512/0514 05010KT

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

ENRY

Region: NORWAY
Timezone: EUROPE/OSLO
Runways: 1

Elevation: 172 ft / 52 m
Location: 59.378900 10.785600
Magnetic Var: 4.285 E

METAR

ENRY 050320Z AUTO 17005KT 9999 OVC005/// 10/09 Q1010

TAF

TAF TAF ENRY 042300Z 0500/0524 18005KT 9999 FEW040 SCT070 TEMPO 0500/0509 4000 SHRA BR BKN005 FEW030CB TEMPO 0518/

Frequencies

REC - 136.17 MHz - RYGGEINFORMATION
APP - 122.10 MHz - RYGGE TOWER
APP - 134.05 MHz - FARRIS APPROACH
TWR - 119.50 MHz - RYGGE TOWER
GND - 121.70 MHz - RYGGE GROUND
APP - 124.35 MHz - FARRIS APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
12	148 ft	7,990 ft	116.83	ASPHALT	0 ft	899 ft
	45 m	2,435 m	112.54		0 m	274 m
30	148 ft	7,990 ft	296.86	ASPHALT	0 ft	899 ft
	45 m	2,435 m	292.57		0 m	274 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
30	DME	RY	109.10 MHz	18 nm	-	-	174 ft
				33 km	-		174 m
30	LOC-ILS	RY	109.10 MHz	18 nm	296.79	-	173 ft
				33 km	292.51		173 m
30	GS	RY	109.10 MHz	10 nm	297.68	3.10	217 ft
				19 km	293.40		217 m