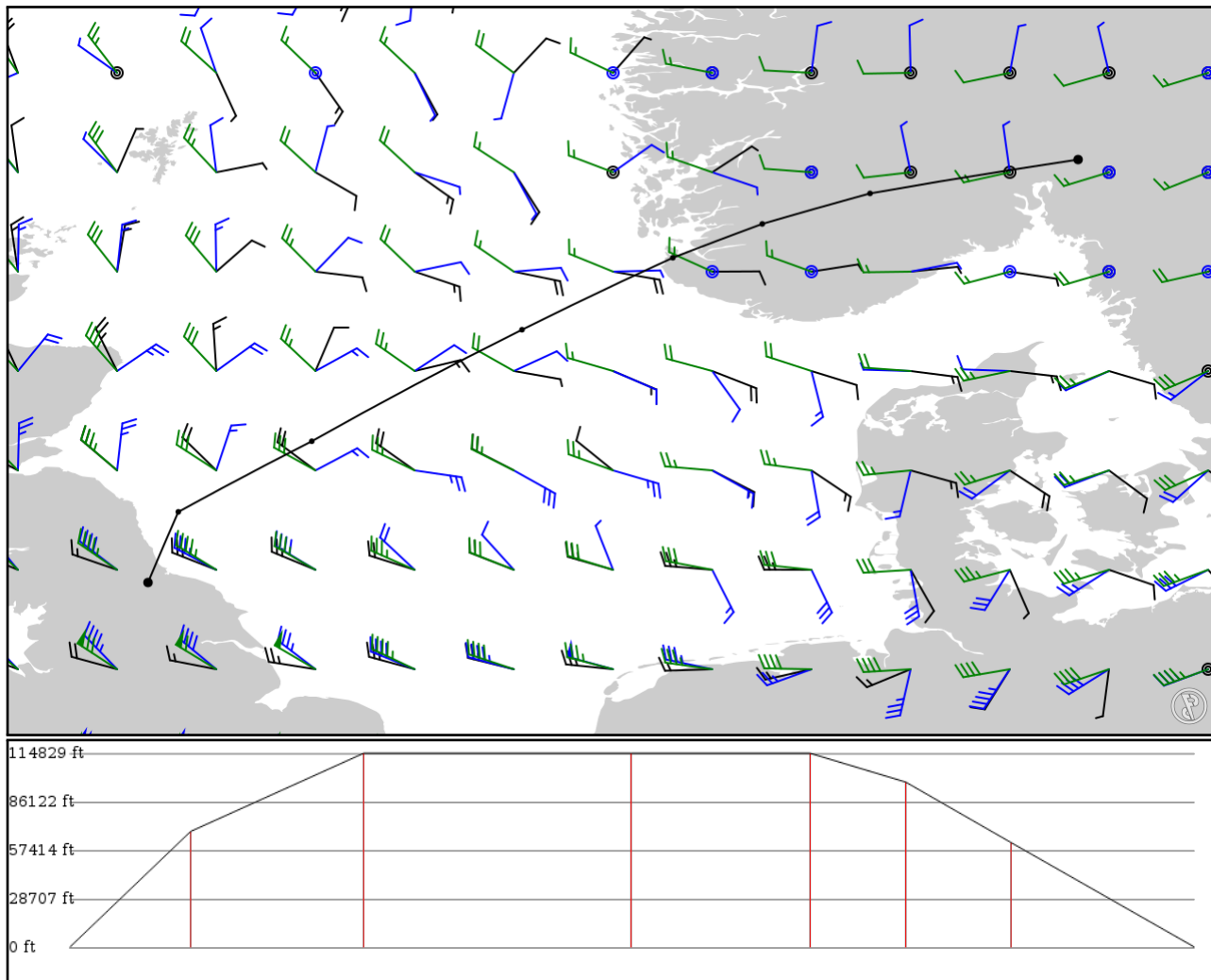


2024/06/15 0148Z

EGNV ROBEM **UM82** RIVOT **UM89** ALOTI **T400** ZOL **P600** IPMOD ENGM

542.38 nm / 1004.49 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
EGNV	-	54.50920	0 ft	-	Teesside Intl
APT	-	-1.42940	0 m		
ROBEM	-	55.45920	20,900 ft	58	-
FIX	-	-1.02056	6,370 m		
RIVOT	UM82	56.40810	35,000 ft	83	-
FIX	AWY-HI	0.77694	10,668 m		
ALOTI	UM89	57.90750	35,000 ft	128	-
FIX	AWY-HI	3.60836	10,668 m		
ZOL	T400	58.87500	35,000 ft	86	SOLA (STAVANGER)
VOR	AWY-HI	5.64007	10,668 m		
ROPNO	P600	59.32980	29,800 ft	46	-
FIX	AWY-HI	6.84458	9,083 m		
IPMOD	P600	59.73940	18,900 ft	50	-
FIX	AWY-HI	8.29639	5,761 m		
ENGM	-	60.19450	0 ft	88	Oslo Gardermoen
APT	-	11.09890	0 m		

## EKNV

Region: UNITED KINGDOM  
Timezone: EUROPE/LONDON  
Runways: 1

Elevation: 120 ft / 37 m  
Location: 54.509200 -1.429400  
Magnetic Var: 0.259 W

## METAR

UNKNOWN

## TAF

UNKNOWN

## Frequencies

REC - 136.20 MHz - ATIS  
APP - 118.85 MHz -

TWR - 119.80 MHz -

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05	148 ft	7,501 ft	47.37	ASPHALT	0 ft	594 ft
	45 m	2,286 m	47.63		0 m	181 m
23	148 ft	7,501 ft	227.39	ASPHALT	0 ft	594 ft
	45 m	2,286 m	227.65		0 m	181 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05	DME	ITSE	108.50 MHz	18 nm	-	-	131 ft
				33 km	-		131 m
23	DME	ITD	108.50 MHz	18 nm	-	-	131 ft
				33 km	-		131 m
05	LOC-ILS	ITSE	108.50 MHz	18 nm	47.43	-	115 ft
				33 km	47.69		115 m
23	LOC-ILS	ITD	108.50 MHz	18 nm	227.34	-	135 ft
				33 km	227.60		135 m
05	GS	ITSE	108.50 MHz	10 nm	47.76	3.00	146 ft
				19 km	48.02		146 m
23	GS	ITD	108.50 MHz	10 nm	227.76	3.00	146 ft
				19 km	228.02		146 m

## ENGM

Region: NORWAY  
Timezone: EUROPE/OSLO  
Runways: 2

Elevation: 681 ft / 208 m  
Location: 60.194500 11.098900  
Magnetic Var: 4.497 E

## METAR

ENGM 150120Z 02002KT 9999 -RA SCT048 BKN058 10/08 Q1011

## TAF

TAF ENGM 142300Z 1500/1524 VRB03KT CAVOK TEMPO 1500/1506 SHRA BKN012 SCT025CB BECMG 1511/1513 14010KT BKN040TCU T

## 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	11.51		0 m	148 m
19L	148 ft	9,664 ft	196.02	ASPHALT	0 ft	489 ft
	45 m	2,946 m	191.52		0 m	149 m
01L	148 ft	11,797 ft	15.99	ASPHALT	0 ft	423 ft
	45 m	3,596 m	11.50		0 m	129 m
19R	148 ft	11,797 ft	196.01	ASPHALT	0 ft	486 ft
	45 m	3,596 m	191.51		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	11.50		681 m
01R	LOC-ILS	ONE	111.95 MHz	18 nm	16.04	-	681 ft
				33 km	11.54		681 m
19L	LOC-ILS	GME	110.55 MHz	18 nm	196.04	-	681 ft
				33 km	191.54		681 m
19R	LOC-ILS	GSW	111.30 MHz	18 nm	196.00	-	681 ft
				33 km	191.50		681 m
01L	GS	OBW	110.30 MHz	10 nm	16.00	3.00	681 ft
				19 km	11.50		681 m
01R	GS	ONE	111.95 MHz	10 nm	16.04	3.00	681 ft
				19 km	11.54		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	191.54		681 m
19R	GS	GSW	111.30 MHz	10 nm	196.00	3.00	681 ft
				19 km	191.50		681 m