

# LEMD

Adolfo Suarez Madrid-Barajas

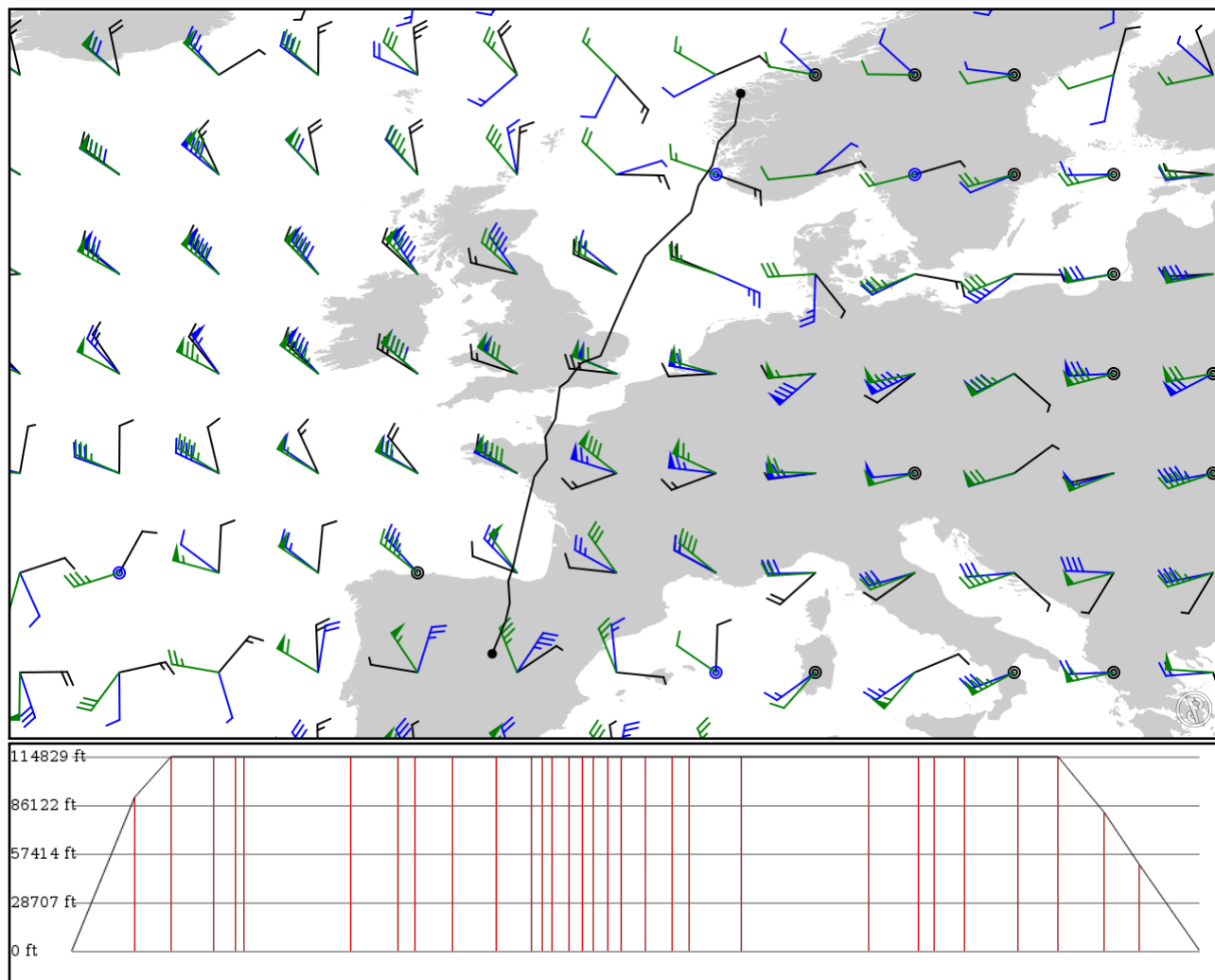
# ENOV

Orsta-Volda Hovden

2024/05/18 1700Z

LEMD GASMO **UN867** BLV **UP87** MOKOR **UN867** RINSO **UM184** AVANT **L980** OCK **M185** BPK **N866** DIGSU **P5** NIVUN  
**Z321** ALUVA **Z108** INTUM ENOV

1374.20 nm / 2545.01 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
LEMD	-	40.49530	0 ft	-	Adolfo Suarez Madrid-Barajas
APT	-	-3.56020	0 m	-	
GASMO	-	41.72950	27,700 ft	77	-
FIX	-	-3.04875	8,443 m	-	
DGO	UN867	42.45330	35,000 ft	44	DOMINGO
VOR	AWY-HI	-2.88069	10,668 m	-	
BLV	UN867	43.30440	35,000 ft	51	BILBAO
VOR	AWY-HI	-2.93589	10,668 m	-	
BADRU	UP87	43.73650	35,000 ft	26	-
FIX	AWY-HI	-2.79656	10,668 m	-	
BELEN	UP87	43.91420	35,000 ft	10	-
FIX	AWY-HI	-2.73864	10,668 m	-	
GODEM	UP87	46.05190	35,000 ft	130	-
FIX	AWY-HI	-2.25000	10,668 m	-	
MOKOR	UP87	47.00690	35,000 ft	58	-
FIX	AWY-HI	-2.01389	10,668 m	-	
TERPO	UN867	47.34890	35,000 ft	20	-
FIX	AWY-HI	-1.92889	10,668 m	-	
RINSO	UN867	48.02720	35,000 ft	45	-
FIX	AWY-HI	-1.43583	10,668 m	-	
EKRAS	UM184	48.89940	35,000 ft	52	-
FIX	AWY-HI	-1.49917	10,668 m	-	
DIKRO	UM184	49.58470	35,000 ft	43	-
FIX	AWY-HI	-1.11083	10,668 m	-	
EPATI	UM184	49.79360	35,000 ft	12	-
FIX	AWY-HI	-1.08222	10,668 m	-	
KOTEM	UM184	50.00000	35,000 ft	12	-
FIX	AWY-HI	-1.05389	10,668 m	-	
PILIP	UM184	50.33420	35,000 ft	20	-
FIX	AWY-HI	-1.00722	10,668 m	-	
SUSIX	UM184	50.61670	35,000 ft	17	-
FIX	AWY-HI	-0.96750	10,668 m	-	
AVANT	UM184	50.82000	35,000 ft	12	-
FIX	AWY-HI	-0.93833	10,668 m	-	
MID	L980	51.05400	35,000 ft	18	MIDHURST
VOR	AWY-LO	-0.62500	10,668 m	-	
OCK	L980	51.30500	35,000 ft	16	OCKHAM
VOR	AWY-LO	-0.44718	10,668 m	-	
BPK	M185	51.74970	35,000 ft	29	BROOKMANS PARK
VOR	AWY-LO	-0.10674	10,668 m	-	
DIGSU	N866	52.02390	35,000 ft	32	-
FIX	AWY-HI	0.63472	10,668 m	-	
UMBAG	P5	52.34780	35,000 ft	20	-
FIX	AWY-HI	0.78250	10,668 m	-	
ELNAB	P5	53.36970	35,000 ft	63	-
FIX	AWY-HI	1.21417	10,668 m	-	
CUTEL	P5	55.88580	35,000 ft	156	-
FIX	AWY-HI	2.37444	10,668 m	-	
GIBSU	P5	56.76310	35,000 ft	60	-
FIX	AWY-HI	3.26944	10,668 m	-	
LAMRO	P5	57.03080	35,000 ft	18	-
FIX	AWY-HI	3.55250	10,668 m	-	
NIVUN	P5	57.56990	35,000 ft	37	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	4.13692	10,668 m		
LAPOT	Z321	58.63280	35,000 ft	64	-
FIX	AWY-HI	4.44069	10,668 m		
ALUVA	Z321	59.39090	35,000 ft	48	-
FIX	AWY-HI	4.96947	10,668 m		
FLS	Z108	60.31120	25,000 ft	55	FLESLAND
VOR	AWY-LO	5.21214	7,620 m		
INTUM	Z108	60.97080	15,600 ft	43	-
FIX	AWY-LO	5.84933	4,755 m		
ENOV	-	62.17920	0 ft	72	Orsta-Volda Hovden
APT	-	6.07108	0 m		

## LEMD

Region: SPAIN  
Timezone: EUROPE/MADRID  
Runways: 4

Elevation: 1,998 ft / 609 m  
Location: 40.495300 -3.560200  
Magnetic Var: 0.081 E

## METAR

LEMD 181630Z 23007G17KT 170V280 CAVOK 23/M00 Q1010 NOSIG

## TAF

TAF AMD LEMD 181600Z 1816/1918 24008KT 9999 FEW045 TX23/1915Z TN07/1905Z BECMG 1820/1822 VRB05KT BECMG 1907/1911

## Frequencies

REC - 130.85 MHz - ATIS DEPARTURE	REC - 118.25 MHz - ATIS ARRIVAL
TWR - 120.65 MHz - BARAJAS TOWER	TWR - 120.15 MHz - BARAJAS TOWER
TWR - 119.50 MHz - BARAJAS TOWER	TWR - 118.15 MHz - BARAJAS TOWER
GND - 121.75 MHz - BARAJAS GROUND	GND - 123.15 MHz - BARAJAS GROUND
GND - 121.70 MHz - BARAJAS APRON	GND - 123.25 MHz - BARAJAS APRON
GND - 121.85 MHz - BARAJAS APRON	GND - 123.00 MHz - BARAJAS APRON
CLD - 130.35 MHz - CLEARANCE DELIVERY	CLD - 130.00 MHz - CLEARANCE DELIVERY
APP - 127.50 MHz - MADRID APPROACH	APP - 136.10 MHz - MADRID APPROACH
APP - 134.00 MHz - MADRID APPROACH	APP - 130.80 MHz - MADRID APPROACH
APP - 127.10 MHz - MADRID APPROACH	APP - 124.00 MHz - MADRID APPROACH
APP - 118.75 MHz - MADRID APPROACH	APP - 118.40 MHz - MADRID APPROACH
DEP - 131.17 MHz - MADRID DEPARTURE	DEP - 124.22 MHz - MADRID DEPARTURE
APP - 134.95 MHz - MADRID DIRECT	APP - 128.70 MHz - MADRID DIRECT

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
14R	197 ft	13,097 ft	142.31	ASPHALT	0 ft	0 ft
	60 m	3,992 m	142.23		0 m	0 m
32L	197 ft	13,097 ft	322.32	ASPHALT	3,041 ft	0 ft
	60 m	3,992 m	322.24		927 m	0 m
18R	197 ft	13,723 ft	179.75	ASPHALT	2,644 ft	0 ft
	60 m	4,183 m	179.67		806 m	0 m
36L	197 ft	13,723 ft	359.75	ASPHALT	0 ft	0 ft
	60 m	4,183 m	359.67		0 m	0 m
14L	197 ft	11,494 ft	142.31	ASPHALT	0 ft	0 ft
	60 m	3,504 m	142.23		0 m	0 m
32R	197 ft	11,494 ft	322.33	ASPHALT	1,627 ft	0 ft
	60 m	3,504 m	322.25		496 m	0 m
18L	197 ft	11,494 ft	179.76	ASPHALT	1,621 ft	0 ft
	60 m	3,503 m	179.68		494 m	0 m
36R	197 ft	11,494 ft	359.76	ASPHALT	0 ft	0 ft
	60 m	3,503 m	359.68		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
18L	DME	IML	111.50 MHz	18 nm	-	-	1,916 ft
				33 km	-		1,916 m
18R	DME	IMR	110.70 MHz	18 nm	-	-	1,986 ft
				33 km	-		1,986 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
32L	DME	MAA	109.90 MHz	18 nm	-	-	1,998 ft
				33 km	-		1,998 m
32R	DME	MBB	109.10 MHz	18 nm	-	-	1,998 ft
				33 km	-		1,998 m
18L	LOC-ILS	IML	111.50 MHz	18 nm	179.76	-	1,998 ft
				33 km	179.68		1,998 m
18R	LOC-ILS	IMR	110.70 MHz	18 nm	179.75	-	1,998 ft
				33 km	179.67		1,998 m
32L	LOC-ILS	MAA	109.90 MHz	18 nm	322.32	-	1,998 ft
				33 km	322.24		1,998 m
32R	LOC-ILS	MBB	109.10 MHz	18 nm	322.33	-	1,998 ft
				33 km	322.25		1,998 m
18L	GS	IML	111.50 MHz	10 nm	179.76	3.00	1,998 ft
				19 km	179.68		1,998 m
18R	GS	IMR	110.70 MHz	10 nm	179.75	3.00	1,978 ft
				19 km	179.67		1,978 m
32L	GS	MAA	109.90 MHz	10 nm	322.32	3.00	1,998 ft
				19 km	322.24		1,998 m
32R	GS	MBB	109.10 MHz	10 nm	322.33	3.00	1,998 ft
				19 km	322.25		1,998 m

## ENOV

Region: NORWAY  
Timezone: EUROPE/OSLO  
Runways: 1

Elevation: 243 ft / 74 m  
Location: 62.179200 6.071080  
Magnetic Var: 2.374 E

## METAR

ENOV 181620Z AUTO VRB02KT 9999 -RA FEW019/// SCT072/// 15/10 Q1014 RMK WIND RWY24 VRB01KT WIND 2090FT 25011KT

## TAF

UNKNOWN

## Frequencies

COM - 118.90 MHz - HOVDEN INFORMATION

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06	98 ft	3,514 ft	60.25	ASPHALT	203 ft	0 ft
	30 m	1,071 m	57.88		62 m	0 m
24	98 ft	3,514 ft	240.27	ASPHALT	203 ft	0 ft
	30 m	1,071 m	237.90		62 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06	DME	HN	111.50 MHz	25 nm	-	-	243 ft
				46 km	-		243 m
06	LOC-LOC	HN	111.50 MHz	18 nm	121.00	-	243 ft
				33 km	118.63		243 m