

# EDDN

Nuernberg Airport

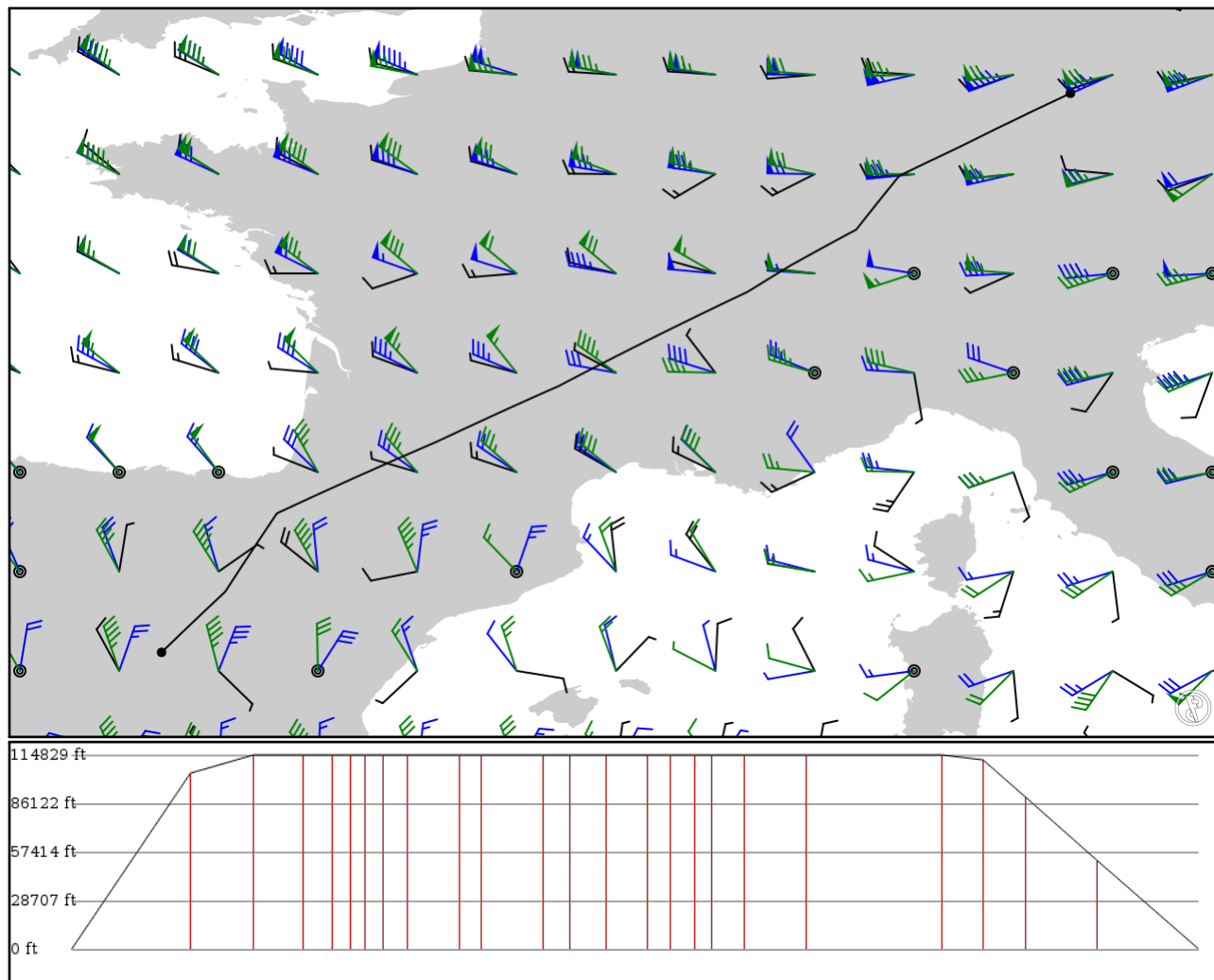
# LEMD

Adolfo Suárez Madrid-Barajas

2024/05/12 0658Z

EDDN TEDGO **UN869** VEROX **N869** MILPA **UN869** REPSI **T41** LERGA **UN869** AGN **UL866** PPN **UN10** HERMI LEMD

836.44 nm / 1549.09 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
EDDN	-	49.49870	0 ft	-	Nuernberg Airport
APT	-	11.07760	0 m		
TEDGO	-	48.61840	31,700 ft	88	-
FIX	-	9.25921	9,662 m		
NATOR	UN869	48.17000	35,000 ft	46	-
FIX	AWY-HI	8.32126	10,668 m		
RINLI	UN869	47.62280	35,000 ft	37	-
FIX	AWY-HI	7.88083	10,668 m		
OLBEN	UN869	47.30440	35,000 ft	21	-
FIX	AWY-HI	7.62944	10,668 m		
LUTIX	UN869	47.16500	35,000 ft	13	-
FIX	AWY-HI	7.37056	10,668 m		
BENOT	UN869	47.05770	35,000 ft	10	-
FIX	AWY-HI	7.17281	10,668 m		
NEMOS	UN869	46.91190	35,000 ft	13	-
FIX	AWY-HI	6.90656	10,668 m		
VEROX	UN869	46.72750	35,000 ft	17	-
FIX	AWY-HI	6.57333	10,668 m		
MILPA	N869	46.30250	35,000 ft	38	-
FIX	AWY-LO	5.87972	10,668 m		
NINTU	UN869	46.14720	35,000 ft	16	-
FIX	AWY-HI	5.55306	10,668 m		
MEBAK	UN869	45.70800	35,000 ft	46	-
FIX	AWY-HI	4.64886	10,668 m		
REPSI	UN869	45.52240	35,000 ft	19	-
FIX	AWY-HI	4.27528	10,668 m		
LERGA	T41	45.25730	35,000 ft	27	-
FIX	AWY-LO	3.75017	10,668 m		
MOKDI	UN869	44.95690	35,000 ft	30	-
FIX	AWY-HI	3.16694	10,668 m		
OLRAK	UN869	44.78440	35,000 ft	17	-
FIX	AWY-HI	2.83722	10,668 m		
ROMAK	UN869	44.63000	35,000 ft	17	-
FIX	AWY-HI	2.48889	10,668 m		
NASEP	UN869	44.51500	35,000 ft	12	-
FIX	AWY-HI	2.23222	10,668 m		
NARAK	UN869	44.29530	35,000 ft	24	-
FIX	AWY-HI	1.74889	10,668 m		
AGN	UN869	43.88800	35,000 ft	45	AGEN
VOR	AWY-HI	0.87286	10,668 m		
PIPOR	UL866	43.00910	35,000 ft	101	-
FIX	AWY-HI	-1.10811	10,668 m		
PPN	UL866	42.73370	34,100 ft	30	PAMPLONA
VOR	AWY-HI	-1.70200	10,394 m		
VASUM	UN10	42.27190	27,400 ft	30	-
FIX	AWY-HI	-2.01100	8,352 m		
HERMI	UN10	41.47350	16,000 ft	53	-
FIX	AWY-HI	-2.53328	4,877 m		
LEMD	-	40.49530	0 ft	74	Adolfo Suárez Madrid-Barajas
APT	-	-3.56020	0 m		

## EDDN

Region: GERMANY - CIVIL  
Timezone: EUROPE/BERLIN  
Runways: 1

Elevation: 1,043 ft / 318 m  
Location: 49.498700 11.077600  
Magnetic Var: 3.825 E

## METAR

EDDN 120620Z AUTO 10005KT CAVOK 16/09 Q1019 NOSIG

## TAF

TAF EDDN 120500Z 1206/1306 VRB02KT CAVOK BECMG 1207/1209 12005KT

## Frequencies

REC - 123.08 MHz - NUERNBERG ATIS  
GND - 118.10 MHz - NUERNBERG GROUND  
APP - 129.53 MHz - MUENCHEN RADAR  
COM - 122.80 MHz - NUERNBERG UNICOM  
TWR - 118.30 MHz - NUERNBERG TOWER

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10	148 ft	8,835 ft	98.58	ASPHALT	0 ft	102 ft
	45 m	2,693 m	94.76		0 m	31 m
28	148 ft	8,835 ft	278.61	ASPHALT	0 ft	108 ft
	45 m	2,693 m	274.79		0 m	33 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
10	LOC-ILS	INUE	109.55 MHz	18 nm	98.60	-	1,043 ft
				33 km	94.78		1,043 m
28	LOC-ILS	INUW	109.10 MHz	18 nm	278.60	-	1,043 ft
				33 km	274.78		1,043 m
10	GS	INUE	109.55 MHz	10 nm	98.60	3.00	1,043 ft
				19 km	94.78		1,043 m
28	GS	INUW	109.10 MHz	10 nm	278.60	3.00	1,043 ft
				19 km	274.78		1,043 m

## LEMD

Region: SPAIN  
Timezone: EUROPE/MADRID  
Runways: 4

Elevation: 1,998 ft / 609 m  
Location: 40.495300 -3.560200  
Magnetic Var: 0.079 E

## METAR

LEMD 120630Z 34003KT CAVOK 15/09 Q1017 NOSIG

## TAF

TAF LEMD 120500Z 1206/1312 VRB04KT CAVOK TX28/1215Z TN11/1206Z BECMG 1212/1214 29007KT TEMPO 1218/1222 35010KT

## 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	322.25		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	142.24		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