

LEMD

Adolfo Suarez Madrid-Barajas

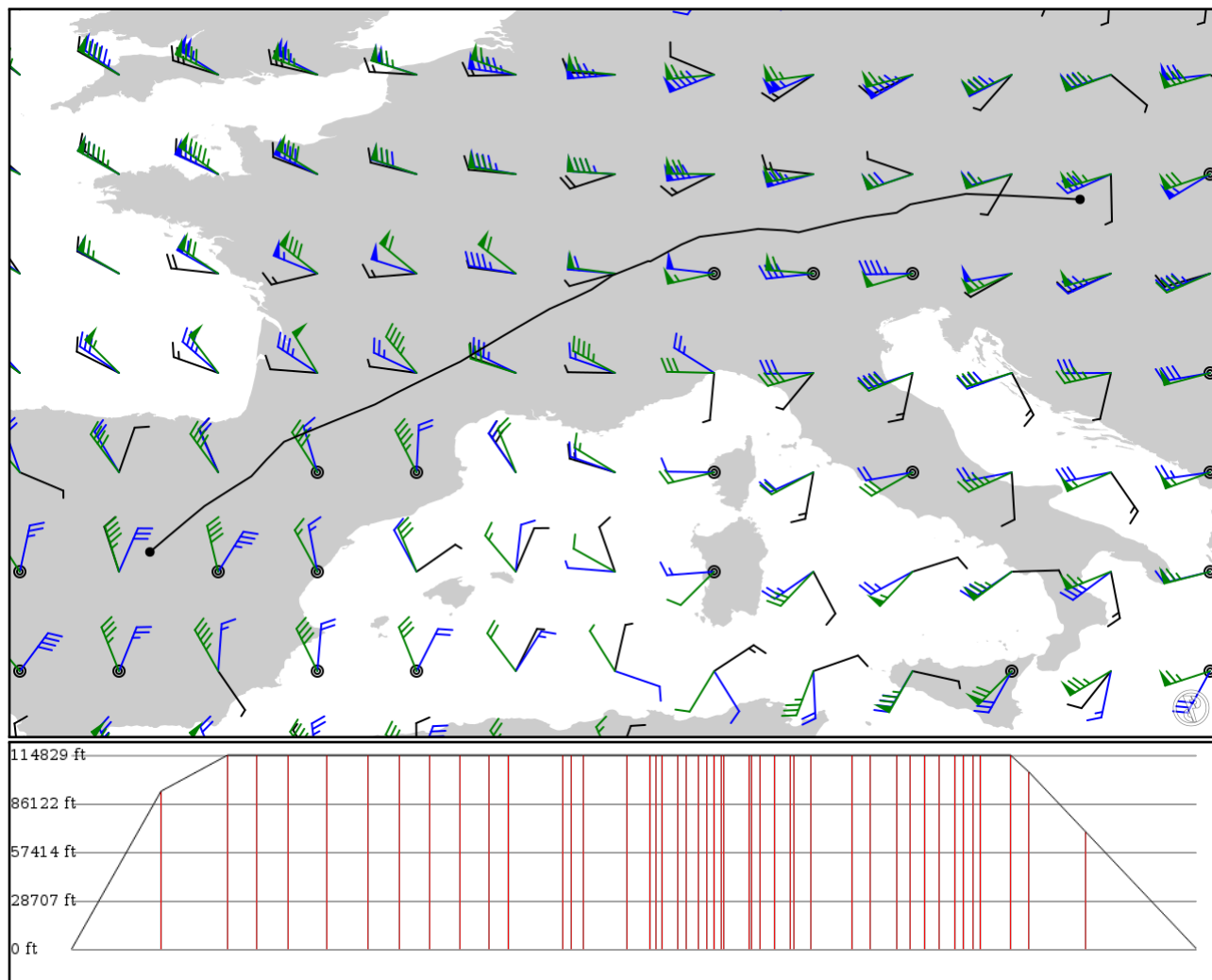
LOWW

Vienna

2024/05/03 0913Z

LEMD EDIVA **B58** LARDA **UN871** MEN **G5** FRI **W112** TELNO **UN871** DEGES **Z2** XEBIX **UN871** BADVI **UL725** UNKEN
T701 SBG **J21** LNZ LOWW

1005.02 nm / 1861.30 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 APT	-	40.49530 -3.56020	0 ft 0 m	-	Adolfo Suarez Madrid-Barajas
EDIVA FIX	-	41.48610 -2.37903	28,500 ft 8,687 m	80	-
LARDA FIX	B58 AWY-LO	42.13160 -1.36208	35,000 ft 10,668 m	59	-
RONKO FIX	UN871 AWY-HI	42.49600 -1.03067	35,000 ft 10,668 m	26	-
LATEK FIX	UN871 AWY-HI	42.87500 -0.65694	35,000 ft 10,668 m	28	-
OBUTO FIX	UN871 AWY-HI	43.15920 0.02083	35,000 ft 10,668 m	34	-
GONUP FIX	UN871 AWY-HI	43.46080 0.75889	35,000 ft 10,668 m	36	-
TOU VOR	UN871 AWY-HI	43.68080 1.30981	35,000 ft 10,668 m	27	TOULOUSE BLAGNAC
GAI VOR	UN871 AWY-HI	43.95410 1.82417	35,000 ft 10,668 m	27	GAILLAC
MAKIL FIX	UN871 AWY-HI	44.20970 2.33972	35,000 ft 10,668 m	27	-
GONIM FIX	UN871 AWY-HI	44.45440 2.84222	35,000 ft 10,668 m	26	-
MEN VOR	UN871 AWY-HI	44.60840 3.16242	35,000 ft 10,668 m	16	MENDE
MINDI FIX	G5 AWY-LO	45.13690 4.04222	35,000 ft 10,668 m	49	-
VEROT FIX	G5 AWY-LO	45.21640 4.17722	35,000 ft 10,668 m	7	-
MURRO FIX	G5 AWY-LO	45.33290 4.37556	35,000 ft 10,668 m	10	-
LSE VOR	G5 AWY-LO	45.74550 5.09058	35,000 ft 10,668 m	38	LYON SAINT EXUPERY
DEPUL FIX	G5 AWY-LO	45.92500 5.49444	35,000 ft 10,668 m	20	-
ARGIS FIX	G5 AWY-LO	45.97110 5.59917	35,000 ft 10,668 m	5	-
TOKDO FIX	G5 AWY-LO	46.02500 5.71111	35,000 ft 10,668 m	5	-
PAS VOR	G5 AWY-LO	46.16370 5.99992	35,000 ft 10,668 m	14	PASSEIRY
GVA VOR	G5 AWY-LO	46.25390 6.13222	35,000 ft 10,668 m	7	GENEVA
PETAL FIX	G5 AWY-LO	46.36810 6.30028	35,000 ft 10,668 m	9	-
SPR VOR	G5 AWY-LO	46.46870 6.44806	35,000 ft 10,668 m	8	ST PREX
SPR06 FIX	G5 AWY-LO	46.51860 6.57333	35,000 ft 10,668 m	5	-
SPR12 FIX	G5 AWY-LO	46.56860 6.69861	35,000 ft 10,668 m	5	-
REVL FIX	G5 AWY-LO	46.58640 6.74333	35,000 ft 10,668 m	2	-
FRI	G5	46.77760	35,000 ft	22	FRIBOURG

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-LO	7.22350	10,668 m		
TELNO	W112	46.77200	35,000 ft	1	-
FIX	AWY-HI	7.27081	10,668 m		
KORED	UN871	46.85060	35,000 ft	7	-
FIX	AWY-HI	7.41417	10,668 m		
KONOL	UN871	46.99530	35,000 ft	13	-
FIX	AWY-HI	7.68083	10,668 m		
BERSU	UN871	47.13550	35,000 ft	13	-
FIX	AWY-HI	7.94131	10,668 m		
SUREP	UN871	47.16530	35,000 ft	3	-
FIX	AWY-HI	8.01083	10,668 m		
DITON	UN871	47.30220	35,000 ft	15	-
FIX	AWY-HI	8.33333	10,668 m		
DEGES	UN871	47.41250	35,000 ft	35	-
FIX	AWY-HI	9.20194	10,668 m		
DORAP	Z2	47.47270	35,000 ft	16	-
FIX	AWY-HI	9.60097	10,668 m		
OSDOV	Z2	47.44000	35,000 ft	23	-
FIX	AWY-HI	10.18330	10,668 m		
XEBIX	Z2	47.40000	35,000 ft	12	-
FIX	AWY-HI	10.47990	10,668 m		
GAPTO	UN871	47.46860	35,000 ft	12	-
FIX	AWY-HI	10.75940	10,668 m		
SUGIB	UN871	47.54360	35,000 ft	13	-
FIX	AWY-HI	11.07030	10,668 m		
KOGOL	UN871	47.62220	35,000 ft	14	-
FIX	AWY-HI	11.39970	10,668 m		
LENIZ	UN871	47.65670	35,000 ft	7	-
FIX	AWY-HI	11.56780	10,668 m		
TULSI	UN871	47.70160	35,000 ft	9	-
FIX	AWY-HI	11.78880	10,668 m		
BADVI	UN871	47.73110	35,000 ft	6	-
FIX	AWY-HI	11.94530	10,668 m		
UNKEN	UL725	47.82170	35,000 ft	27	-
FIX	AWY-HI	12.60110	10,668 m		
SBG	T701	48.00260	32,000 ft	15	SALZBURG
VOR	AWY-HI	12.89280	9,754 m		
LNZ	J21	48.22970	21,200 ft	50	LINZ
VOR	AWY-LO	14.10320	6,462 m		
LOWW	-	48.11010	0 ft	99	Vienna
APT	-	16.56960	0 m		

LEMD

Region: SPAIN
Timezone: EUROPE/MADRID
Runways: 4

Elevation: 1,998 ft / 609 m
Location: 40.495300 -3.560200
Magnetic Var: 0.076 E

METAR

LEMD 030900Z 20005KT 110V260 9999 FEW041 13/03 Q1021 NOSIG

TAF

TAF AMD LEMD 030628Z 0306/0412 22010KT CAVOK TX24/0412Z TN08/0306Z TEMPO 0308/0310 VRB04KT TEMPO 0400/0408 VRB04KT

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	322.26		496 m	0 m
18L	197 ft	11,494 ft	179.76	ASPHALT	1,621 ft	0 ft
	60 m	3,503 m	179.69		494 m	0 m
36R	197 ft	11,494 ft	359.76	ASPHALT	0 ft	0 ft
	60 m	3,503 m	359.69		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

LOWW

Region: AUSTRIA
Timezone: EUROPE/VIENNA
Runways: 2

Elevation: 600 ft / 183 m
Location: 48.110100 16.569600
Magnetic Var: 5.011 E

METAR

LOWW 030850Z 05005KT 9999 SHRA FEW008 SCT012 BKN022 14/12 Q1010 TEMPO 12010KT -SHRA BKN012

TAF

TAF LOWW 030815Z 0309/0415 31008KT 9999 BKN030 TX23/0415Z TN12/0404Z TEMPO 0309/0318 SHRA BKN020 FEW030CB FM03200

Frequencies

REC - 122.95 MHz - ATIS ARRIVAL	REC - 121.72 MHz - ATIS DEPARTURE
TWR - 124.47 MHz - WIEN TOWER	TWR - 123.80 MHz - WIEN TOWER
TWR - 121.20 MHz - WIEN TOWER	TWR - 119.40 MHz - WIEN TOWER
GND - 121.77 MHz - WIEN GROUND	GND - 121.60 MHz - WIEN GROUND
CLD - 122.12 MHz - CLEARANCE DELIVERY	APP - 134.67 MHz - WIEN RADAR
APP - 125.17 MHz - WIEN RADAR	APP - 129.05 MHz - WIEN RADAR
APP - 118.77 MHz - WIEN RADAR	APP - 136.25 MHz - WIEN RADAR
APP - 119.80 MHz - WIEN DIRECTOR	APP - 134.12 MHz - WIEN DIRECTOR
REC - 118.52 MHz - WIEN INFORMATION	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16	148 ft	11,822 ft	164.23	ASPHALT	0 ft	197 ft
	45 m	3,604 m	159.22		0 m	60 m
34	148 ft	11,822 ft	344.24	ASPHALT	0 ft	194 ft
	45 m	3,604 m	339.23		0 m	59 m
11	148 ft	11,495 ft	115.99	ASPHALT	0 ft	174 ft
	45 m	3,504 m	110.97		0 m	53 m
29	148 ft	11,495 ft	296.02	ASPHALT	0 ft	187 ft
	45 m	3,504 m	291.01		0 m	57 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
11	DME	OEW	110.30 MHz	18 nm	-	-	593 ft
				33 km	-		593 m
16	DME	O EZ	108.50 MHz	18 nm	-	-	610 ft
				33 km	-		610 m
29	DME	O EX	109.55 MHz	18 nm	-	-	624 ft
				33 km	-		624 m
34	DME	O EN	108.10 MHz	18 nm	-	-	572 ft
				33 km	-		572 m
11	LOC-ILS	OEW	110.30 MHz	18 nm	116.04	-	600 ft
				33 km	111.03		600 m
16	LOC-ILS	O EZ	108.50 MHz	18 nm	164.25	-	600 ft
				33 km	159.24		600 m
29	LOC-ILS	O EX	109.55 MHz	18 nm	295.98	-	600 ft
				33 km	290.97		600 m
34	LOC-ILS	O EN	108.10 MHz	18 nm	344.21	-	600 ft
				33 km	339.20		600 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
11	GS	OEW	110.30 MHz	10 nm	116.02	3.10	593 ft
				19 km	111.01		593 m
16	GS	OEZ	108.50 MHz	10 nm	164.47	3.00	610 ft
				19 km	159.46		610 m
29	GS	OEX	109.55 MHz	10 nm	296.02	3.00	624 ft
				19 km	291.01		624 m
34	GS	OEN	108.10 MHz	10 nm	344.47	3.00	604 ft
				19 km	339.46		604 m