

LEMD

Adolfo Suarez Madrid - Barajas

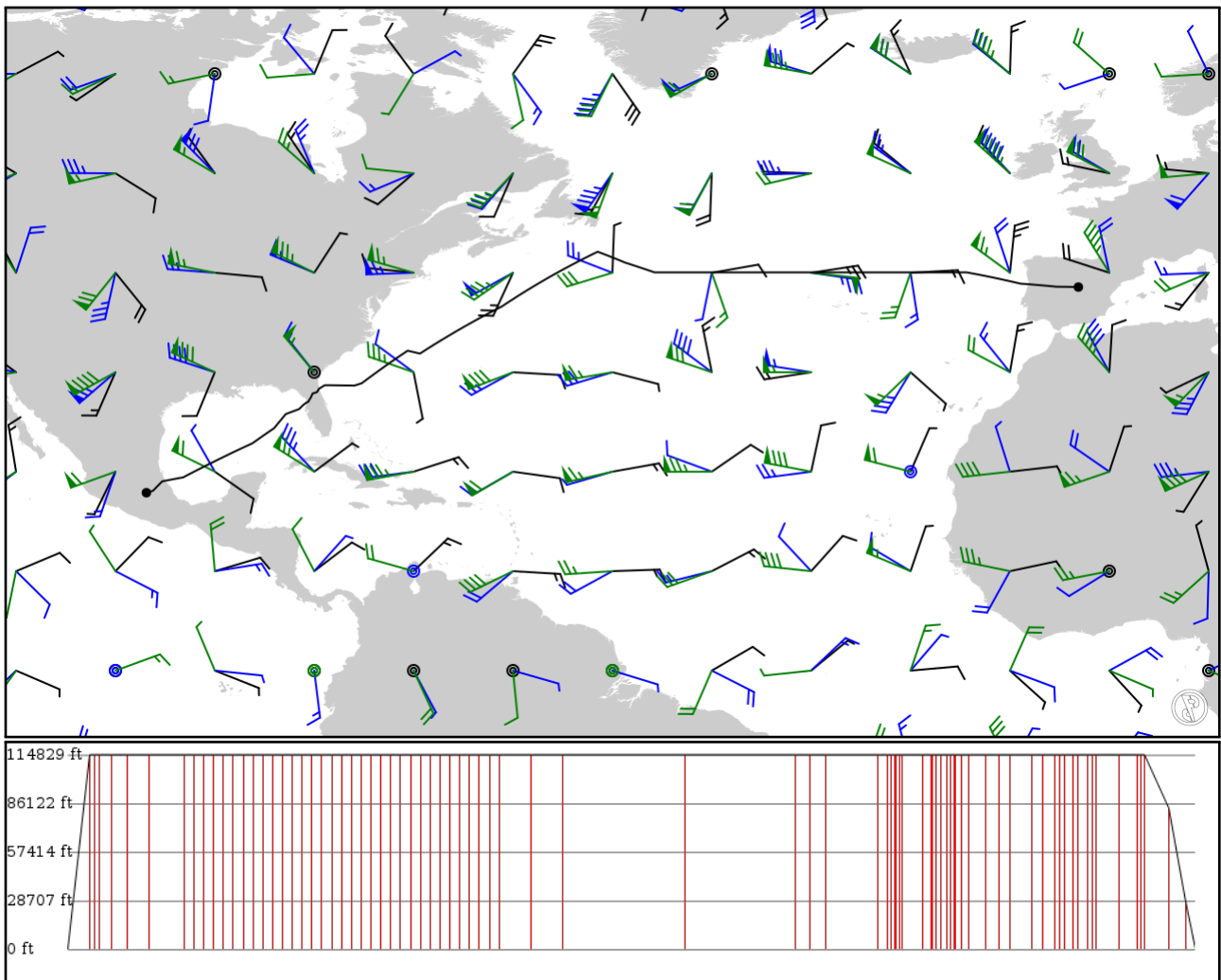
MMMX

Lic. Benito Juarez Intl

2024/05/12 0735Z

LEMD RIDAV **UM191** BARDI **B47** RIVRO **UM191** DIRMA **UZ28** BANAL 4200N0-1600W 4200N0-1700W 4200N0-1800W
4200N0-1900W 4200N0-2000W 4200N0-2100W 4200N0-2200W 4200N0-2300W 4200N0-2400W 4200N0-2500W
4200N0-2600W 4200N0-2700W 4200N0-2800W 4200N0-2900W 4200N0-3000W 4200N0-3100W 4200N0-3200W
4200N0-3300W 4200N0-3400W 4200N0-3500W 4200N0-3600W 4200N0-3700W 4200N0-3800W 4200N0-3900W
4200N0-4000W 4200N0-4100W 4200N0-4200W 4200N0-4300W 4200N0-4400W 4200N0-4500W 4200N0-4600W
4200N0-4700W 43/50 BOBTU **M203** PERDO **M325** ONGOT **M202** UKOKA CARPX OHLAA OZENA SNABS **AR5** JAWSS BUNDE
BRADO CARRA **T211** OCF **V441** NITTS CORSU TABIR KNOST **M215** MINOW **M580** IRDOV **UM580** NUBEL **UT31** LIDED
R522 PAZ **UJ39** APN MMMX

5109.59 nm / 9462.96 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	-	40.49540	0 ft	-	Adolfo Suarez Madrid - Barajas
APT	-	-3.56021	0 m	-	
RIDAV	-	40.53530	35,000 ft	102	-
FIX	-	-5.80828	10,668 m	-	-
BARDI	UM191	40.58350	35,000 ft	22	-
FIX	AWY-HI	-6.30244	10,668 m	-	-
RIVRO	B47	40.62280	35,000 ft	19	-
FIX	AWY-LO	-6.72275	10,668 m	-	-
VIS	UM191	40.72340	35,000 ft	53	VISEU
VOR	AWY-HI	-7.88583	10,668 m	-	
DIRMA	UM191	40.85170	35,000 ft	73	-
FIX	AWY-HI	-9.50083	10,668 m	-	-
DIDIT	UZ28	41.32000	35,000 ft	97	-
FIX	AWY-HI	-11.57170	10,668 m	-	-
BANAL	UZ28	42.00000	35,000 ft	159	-
FIX	AWY-HI	-15.00000	10,668 m	-	-
4200N0-1600W	-	42.00000	35,000 ft	44	-
LATLON	-	-16.00000	10,668 m	-	-
4200N0-1700W	-	42.00000	35,000 ft	44	-
LATLON	-	-17.00000	10,668 m	-	-
4200N0-1800W	-	42.00000	35,000 ft	44	-
LATLON	-	-18.00000	10,668 m	-	-
4200N0-1900W	-	42.00000	35,000 ft	44	-
LATLON	-	-19.00000	10,668 m	-	-
4200N0-2000W	-	42.00000	35,000 ft	44	-
LATLON	-	-20.00000	10,668 m	-	-
4200N0-2100W	-	42.00000	35,000 ft	44	-
LATLON	-	-21.00000	10,668 m	-	-
4200N0-2200W	-	42.00000	35,000 ft	44	-
LATLON	-	-22.00000	10,668 m	-	-
4200N0-2300W	-	42.00000	35,000 ft	44	-
LATLON	-	-23.00000	10,668 m	-	-
4200N0-2400W	-	42.00000	35,000 ft	44	-
LATLON	-	-24.00000	10,668 m	-	-
4200N0-2500W	-	42.00000	35,000 ft	44	-
LATLON	-	-25.00000	10,668 m	-	-
4200N0-2600W	-	42.00000	35,000 ft	44	-
LATLON	-	-26.00000	10,668 m	-	-
4200N0-2700W	-	42.00000	35,000 ft	44	-
LATLON	-	-27.00000	10,668 m	-	-
4200N0-2800W	-	42.00000	35,000 ft	44	-
LATLON	-	-28.00000	10,668 m	-	-
4200N0-2900W	-	42.00000	35,000 ft	44	-
LATLON	-	-29.00000	10,668 m	-	-
4200N0-3000W	-	42.00000	35,000 ft	44	-
LATLON	-	-30.00000	10,668 m	-	-
4200N0-3100W	-	42.00000	35,000 ft	44	-
LATLON	-	-31.00000	10,668 m	-	-
4200N0-3200W	-	42.00000	35,000 ft	44	-
LATLON	-	-32.00000	10,668 m	-	-
4200N0-3300W	-	42.00000	35,000 ft	44	-
LATLON	-	-33.00000	10,668 m	-	-
4200N0-3400W	-	42.00000	35,000 ft	44	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-34.00000	10,668 m		
4200N0-3500W	-	42.00000	35,000 ft	44	-
LATLON	-	-35.00000	10,668 m		
4200N0-3600W	-	42.00000	35,000 ft	44	-
LATLON	-	-36.00000	10,668 m		
4200N0-3700W	-	42.00000	35,000 ft	44	-
LATLON	-	-37.00000	10,668 m		
4200N0-3800W	-	42.00000	35,000 ft	44	-
LATLON	-	-38.00000	10,668 m		
4200N0-3900W	-	42.00000	35,000 ft	44	-
LATLON	-	-39.00000	10,668 m		
4200N0-4000W	-	42.00000	35,000 ft	44	-
LATLON	-	-40.00000	10,668 m		
4200N0-4100W	-	42.00000	35,000 ft	44	-
LATLON	-	-41.00000	10,668 m		
4200N0-4200W	-	42.00000	35,000 ft	44	-
LATLON	-	-42.00000	10,668 m		
4200N0-4300W	-	42.00000	35,000 ft	44	-
LATLON	-	-43.00000	10,668 m		
4200N0-4400W	-	42.00000	35,000 ft	44	-
LATLON	-	-44.00000	10,668 m		
4200N0-4500W	-	42.00000	35,000 ft	44	-
LATLON	-	-45.00000	10,668 m		
4200N0-4600W	-	42.00000	35,000 ft	44	-
LATLON	-	-46.00000	10,668 m		
4200N0-4700W	-	42.00000	35,000 ft	44	-
LATLON	-	-47.00000	10,668 m		
43/50	-	43.00000	35,000 ft	145	-
LATLON	-	-50.00000	10,668 m		
BOBTU	-	44.11720	35,000 ft	139	-
FIX	-	-52.82220	10,668 m		
SELIM	M203	38.50000	35,000 ft	557	-
FIX	AWY-HI	-62.66890	10,668 m		
PERDO	M203	33.68720	35,000 ft	498	-
FIX	AWY-HI	-71.03700	10,668 m		
ONGOT	M325	33.98180	35,000 ft	65	-
FIX	AWY-HI	-72.30170	10,668 m		
OMALA	M202	33.24220	35,000 ft	70	-
FIX	AWY-HI	-73.39690	10,668 m		
UKOKA	M202	30.64830	35,000 ft	240	-
FIX	AWY-HI	-77.00000	10,668 m		
CARPX	-	30.40800	35,000 ft	41	-
FIX	-	-77.75000	10,668 m		
OHCAA	-	30.41470	35,000 ft	18	-
FIX	-	-78.09830	10,668 m		
OZENA	-	30.41940	35,000 ft	12	-
FIX	-	-78.34830	10,668 m		
SNABS	-	30.42040	35,000 ft	8	-
FIX	-	-78.52040	10,668 m		
TORRY	AR5	30.42220	35,000 ft	17	-
FIX	AWY-HI	-78.86380	10,668 m		
BAHAA	AR5	30.42300	35,000 ft	6	-
FIX	AWY-HI	-78.99470	10,668 m		
JAWSS	AR5	30.44710	35,000 ft	92	-
FIX	AWY-HI	-80.78840	10,668 m		
BUNDE	-	30.06960	35,000 ft	39	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	-81.40580	10,668 m		
BRADO	-	29.92270	35,000 ft	9	-
FIX	-	-81.46890	10,668 m		
CARRA	-	29.73080	35,000 ft	13	-
FIX	-	-81.60810	10,668 m		
JUTTS	T211	29.60000	35,000 ft	23	-
FIX	AWY-LO	-82.03330	10,668 m		
OCF	T211	29.17750	35,000 ft	27	OCALA
VOR	AWY-LO	-82.22630	10,668 m		
NUCIS	V441	28.97170	35,000 ft	14	-
FIX	AWY-LO	-82.35300	10,668 m		
NITTS	V441	28.74150	35,000 ft	15	-
FIX	AWY-LO	-82.49390	10,668 m		
CORSU	-	28.69070	35,000 ft	8	-
FIX	-	-82.64540	10,668 m		
TABIR	-	28.41980	35,000 ft	24	-
FIX	-	-83.00330	10,668 m		
KNOST	-	28.00070	35,000 ft	33	-
FIX	-	-83.42330	10,668 m		
CIGAR	M215	27.49350	35,000 ft	78	-
FIX	AWY-HI	-84.78320	10,668 m		
SNOMN	M215	26.65180	35,000 ft	62	-
FIX	AWY-HI	-85.48580	10,668 m		
MINOW	M215	26.04650	35,000 ft	45	-
FIX	AWY-HI	-85.98300	10,668 m		
CCUDA	M580	25.05190	35,000 ft	98	-
FIX	AWY-HI	-87.42430	10,668 m		
IRDOV	M580	24.50000	35,000 ft	53	-
FIX	AWY-HI	-88.20580	10,668 m		
OTIPO	UM580	24.10000	35,000 ft	53	-
FIX	AWY-HI	-89.07250	10,668 m		
SUVUM	UM580	23.93610	35,000 ft	21	-
FIX	AWY-HI	-89.42280	10,668 m		
TABSA	UM580	23.75690	35,000 ft	23	-
FIX	AWY-HI	-89.80280	10,668 m		
MAPUM	UM580	23.46140	35,000 ft	38	-
FIX	AWY-HI	-90.42360	10,668 m		
AGPOD	UM580	23.30030	35,000 ft	20	-
FIX	AWY-HI	-90.75860	10,668 m		
OTOGU	UM580	22.95580	35,000 ft	44	-
FIX	AWY-HI	-91.46750	10,668 m		
AXOVI	UM580	22.80280	35,000 ft	19	-
FIX	AWY-HI	-91.77860	10,668 m		
XUBNO	UM580	22.67940	35,000 ft	15	-
FIX	AWY-HI	-92.02890	10,668 m		
COFRE	UM580	21.82560	35,000 ft	107	-
FIX	AWY-HI	-93.72440	10,668 m		
TADET	UM580	21.17330	35,000 ft	81	-
FIX	AWY-HI	-95.00000	10,668 m		
NUBEL	UM580	21.01780	35,000 ft	18	-
FIX	AWY-HI	-95.28030	10,668 m		
LIDED	UT31	20.96360	35,000 ft	16	-
FIX	AWY-HI	-95.57390	10,668 m		
PAZ	R522	20.60060	25,400 ft	107	POZA RICA VOR-DME
DME	AWY-LO	-97.45510	7,742 m		
APN	UJ39	19.63730	8,500 ft	78	APAN VOR-DME

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
DME	AWY-HI	-98.39850	2,591 m		
MMMX	-	19.43630	0 ft	39	Lic. Benito Juarez Intl
APT	-	-99.07210	0 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 120700Z 36003KT 330V040 CAVOK 16/09 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

MMM

Region: MEXICO
Timezone: AMERICA/MEXICO_CITY
Runways: 2

Elevation: 7,315 ft / 2,230 m
Location: 19.436300 -99.072100
Magnetic Var: 3.902 E

METAR

MMM 120550Z 25006KT 10SM SKC 20/08 A3033 NOSIG RMK SLP060 52022 920 ISOL CI HZY

TAF

TAF MMM 120448Z 1206/1306 33005KT P6SM BKN200 TX32/1221Z TN17/1212Z FM121600 14008KT P6SM SCT020 FM122200 13012K

Frequencies

REC - 127.65 MHz - D-ATIS	CLD - 122.10 MHz - CLEARANCE DELIVERY
GND - 121.85 MHz - MEXICO GROUND	GND - 121.00 MHz - MEXICO GROUND
GND - 122.80 MHz - MEXICO GROUND	TWR - 118.55 MHz - MEXICO TOWER
TWR - 118.70 MHz - MEXICO TOWER	TWR - 118.15 MHz - MEXICO TOWER
APP - 119.75 MHz - MEXICO APPROACH	APP - 121.20 MHz - MEXICO APPROACH
DEP - 129.10 MHz - MEXICO DEPARTURE	DEP - 120.50 MHz - MEXICO DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05R	148 ft	13,427 ft	59.24	ASPHALT	1,841 ft	325 ft
	45 m	4,093 m	55.34		561 m	99 m
23L	148 ft	13,427 ft	239.25	ASPHALT	289 ft	0 ft
	45 m	4,093 m	235.35		88 m	0 m
05L	148 ft	12,912 ft	59.25	ASPHALT	1,568 ft	0 ft
	45 m	3,936 m	55.35		478 m	0 m
23R	148 ft	12,912 ft	239.26	ASPHALT	1,670 ft	177 ft
	45 m	3,936 m	235.36		509 m	54 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05R	DME	IMWX	109.10 MHz	18 nm	-	-	7,316 ft
				33 km	-		7,316 m
23L	DME	IMEX	109.70 MHz	18 nm	-	-	7,316 ft
				33 km	-		7,316 m
05R	LOC-ILS	IMWX	109.10 MHz	18 nm	59.25	-	7,315 ft
				33 km	55.35		7,315 m
23L	LOC-ILS	IMEX	109.70 MHz	18 nm	239.25	-	7,315 ft
				33 km	235.35		7,315 m
05R	GS	IMWX	109.10 MHz	10 nm	59.25	3.00	7,315 ft
				19 km	55.35		7,315 m
23L	GS	IMEX	109.70 MHz	10 nm	239.25	3.00	7,315 ft
				19 km	235.35		7,315 m