

LEMD

Adolfo Suárez Madrid-Barajas

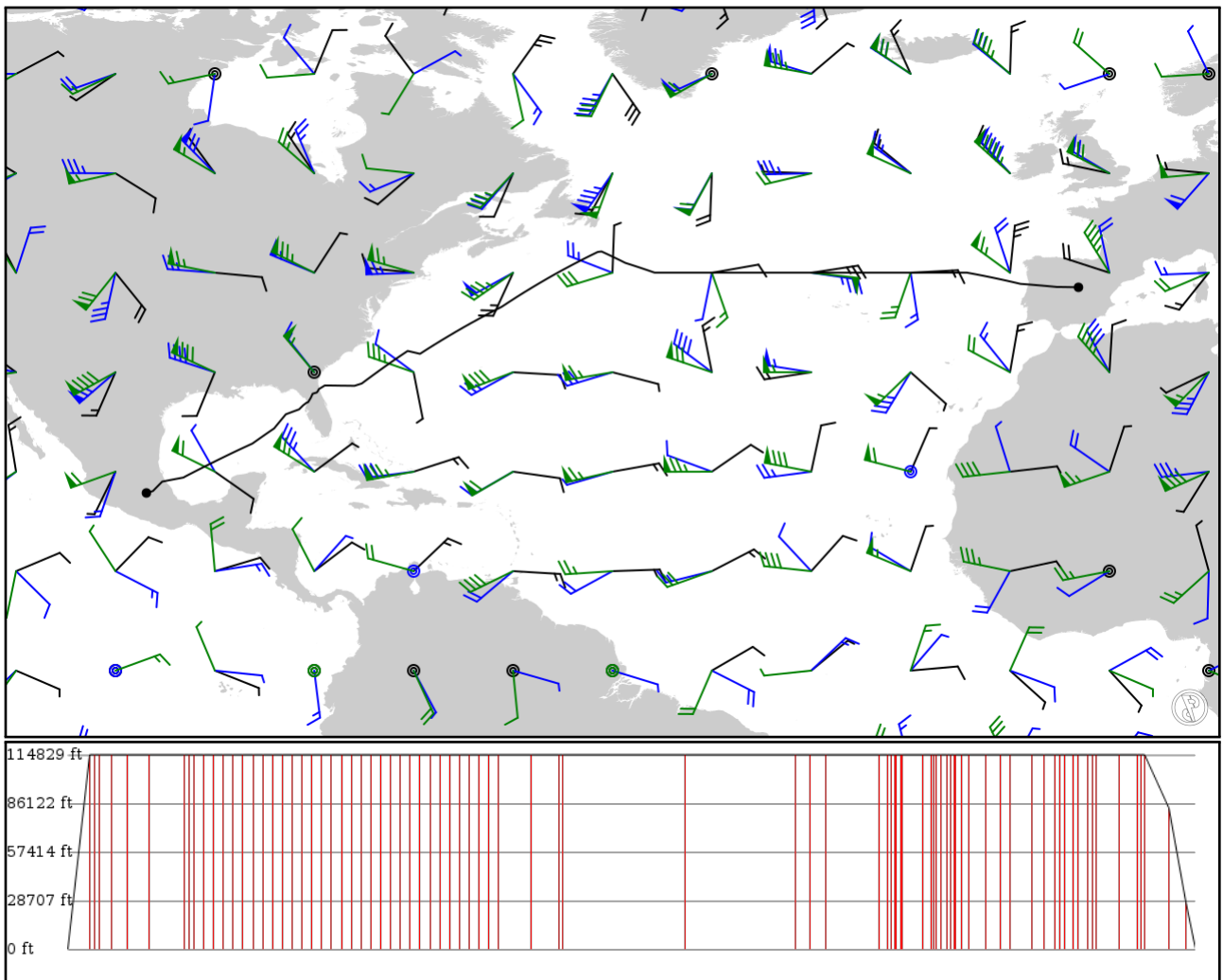
MMMX

Benito Juárez Intl

2024/05/06 1604Z

LEMD RIDAV **UM191** BARDI **B47** RIVRO **UM191** DIRMA **UZ28** BANAL LUPOV EKROL 4200N01600W 4200N01700W
4200N01800W 4200N01900W 4200N02000W 4200N02100W 4200N02200W 4200N02300W 4200N02400W 4200N02500W
4200N02600W 4200N02700W 4200N02800W 4200N02900W 4200N03000W 4200N03100W 4200N03200W 4200N03300W
4200N03400W 4200N03500W 4200N03600W 4200N03700W 4200N03800W 4200N03900W 4200N04000W 4200N04100W
4200N04200W 4200N04300W 4200N04400W 4200N04500W 4200N04600W 4200N04700W 43/50 TALGO BOBTU **M203**
PERDO **M325** ONGOT **M202** UKOKA CARPX OHLAA OZENA SNABS **AR5** JAWSS BUNDE BRADO CARRA **T211** OCF **V441**
NITTS CORSU TABIR KNOTS **M215** MINOW **M580** IRDOV **UM580** XUBNO **M580** COFRE **UM580** NUBEL **UT31** LIDED **R522**
PAZ **UJ39** APN MMMX

5113.61 nm / 9470.40 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 Suárez Madrid-Barajas
APT	-	-3.56020	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	WISEU
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		
LUPOV	-	42.00000	35,000 ft	3	-
FIX	-	-15.08330	10,668 m		
EKROL	-	42.00000	35,000 ft	22	-
FIX	-	-15.58330	10,668 m		
4200N01600W	-	42.00000	35,000 ft	18	-
LATLON	-	-16.00000	10,668 m		
4200N01700W	-	42.00000	35,000 ft	44	-
LATLON	-	-17.00000	10,668 m		
4200N01800W	-	42.00000	35,000 ft	44	-
LATLON	-	-18.00000	10,668 m		
4200N01900W	-	42.00000	35,000 ft	44	-
LATLON	-	-19.00000	10,668 m		
4200N02000W	-	42.00000	35,000 ft	44	-
LATLON	-	-20.00000	10,668 m		
4200N02100W	-	42.00000	35,000 ft	44	-
LATLON	-	-21.00000	10,668 m		
4200N02200W	-	42.00000	35,000 ft	44	-
LATLON	-	-22.00000	10,668 m		
4200N02300W	-	42.00000	35,000 ft	44	-
LATLON	-	-23.00000	10,668 m		
4200N02400W	-	42.00000	35,000 ft	44	-
LATLON	-	-24.00000	10,668 m		
4200N02500W	-	42.00000	35,000 ft	44	-
LATLON	-	-25.00000	10,668 m		
4200N02600W	-	42.00000	35,000 ft	44	-
LATLON	-	-26.00000	10,668 m		
4200N02700W	-	42.00000	35,000 ft	44	-
LATLON	-	-27.00000	10,668 m		
4200N02800W	-	42.00000	35,000 ft	44	-
LATLON	-	-28.00000	10,668 m		
4200N02900W	-	42.00000	35,000 ft	44	-
LATLON	-	-29.00000	10,668 m		
4200N03000W	-	42.00000	35,000 ft	44	-
LATLON	-	-30.00000	10,668 m		
4200N03100W	-	42.00000	35,000 ft	44	-
LATLON	-	-31.00000	10,668 m		
4200N03200W	-	42.00000	35,000 ft	44	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-32.00000	10,668 m		
4200N03300W	-	42.00000	35,000 ft	44	-
LATLON	-	-33.00000	10,668 m		
4200N03400W	-	42.00000	35,000 ft	44	-
LATLON	-	-34.00000	10,668 m		
4200N03500W	-	42.00000	35,000 ft	44	-
LATLON	-	-35.00000	10,668 m		
4200N03600W	-	42.00000	35,000 ft	44	-
LATLON	-	-36.00000	10,668 m		
4200N03700W	-	42.00000	35,000 ft	44	-
LATLON	-	-37.00000	10,668 m		
4200N03800W	-	42.00000	35,000 ft	44	-
LATLON	-	-38.00000	10,668 m		
4200N03900W	-	42.00000	35,000 ft	44	-
LATLON	-	-39.00000	10,668 m		
4200N04000W	-	42.00000	35,000 ft	44	-
LATLON	-	-40.00000	10,668 m		
4200N04100W	-	42.00000	35,000 ft	44	-
LATLON	-	-41.00000	10,668 m		
4200N04200W	-	42.00000	35,000 ft	44	-
LATLON	-	-42.00000	10,668 m		
4200N04300W	-	42.00000	35,000 ft	44	-
LATLON	-	-43.00000	10,668 m		
4200N04400W	-	42.00000	35,000 ft	44	-
LATLON	-	-44.00000	10,668 m		
4200N04500W	-	42.00000	35,000 ft	44	-
LATLON	-	-45.00000	10,668 m		
4200N04600W	-	42.00000	35,000 ft	44	-
LATLON	-	-46.00000	10,668 m		
4200N04700W	-	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		
TALGO	-	44.16670	35,000 ft	126	-
FIX	-	-52.43330	10,668 m		
BOBTU	-	44.11720	35,000 ft	17	-
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		
OHLAA	-	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	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
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	-
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	M580	21.82560	35,000 ft	107	-
FIX	AWY-LO	-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	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
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	AWY-LO	-97.45510	7,742 m		
APN	UJ39	19.63730	8,500 ft	78	APAN
VOR	AWY-HI	-98.39850	2,591 m		
MMMX	-	19.43630	0 ft	39	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: 0.077 E

METAR

LEMD 061530Z 24006KT 210V300 9999 SCT068 BKN080 19/08 Q1014 NOSIG

TAF

TAF LEMD 061100Z 0612/0718 VRB05KT 9999 SCT040 TX22/0615Z TN09/0705Z PROB30 TEMPO 0612/0616 RA TEMPO 0612/0620 27

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: 3.903 E

METAR

UNKNOWN

TAF

TAF MMM 061040Z 0612/0712 16005KT P6SM SCT200 TX31/0621Z TN18/0612Z FM062100 22015KT P6SM BKN020CB TEMPO 0621/07

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