

LEMD

Adolfo Suarez Madrid-Barajas

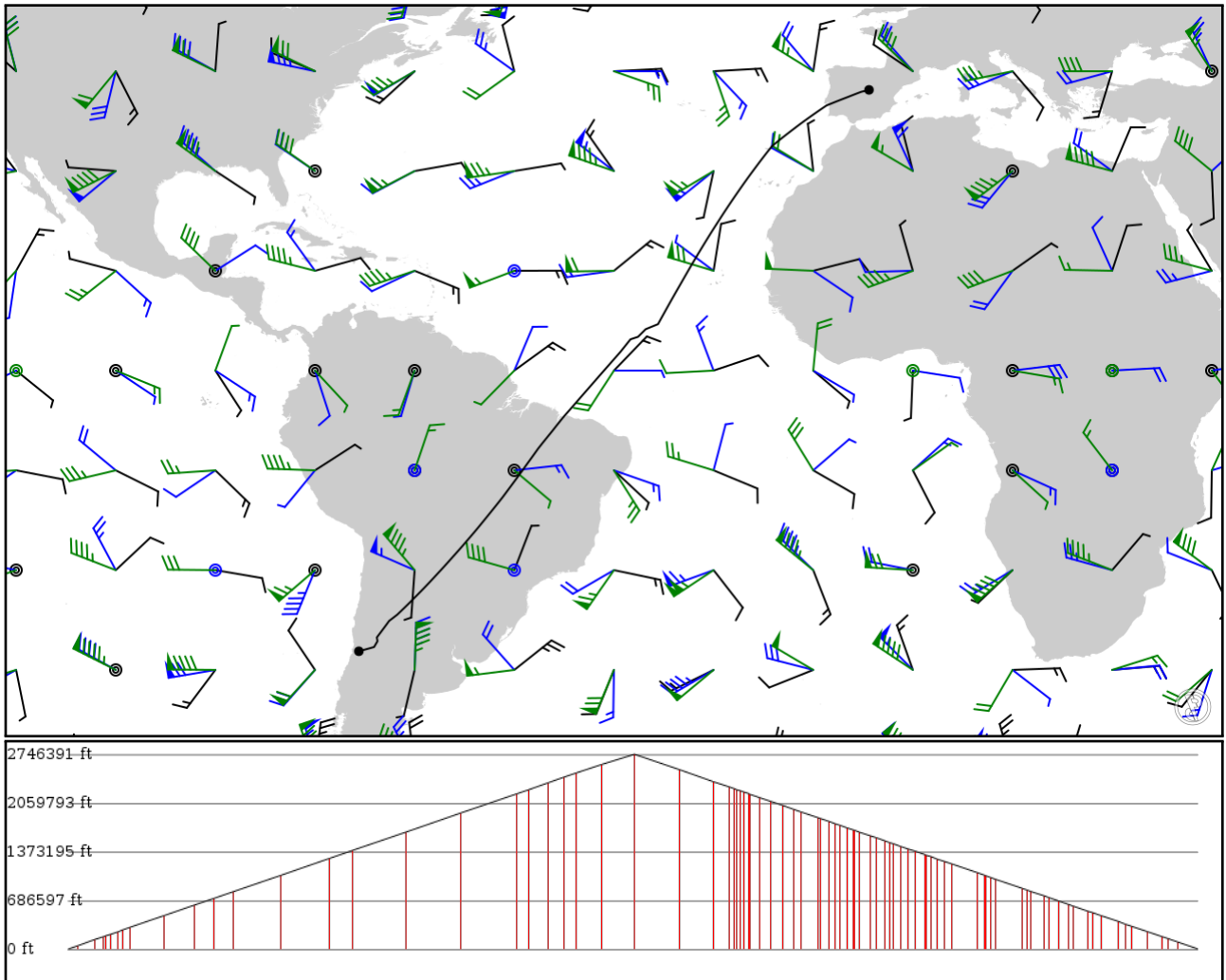
SCEL

Arturo Merino Benitez Intl

2024/05/16 0239Z

LEMD LUPES **B60** OBIPA **G7** ELVAR **UN975** NARTA **B18** RULET **UN745** SNT **UN741** SAGRO DIGUN 900N0-3300W
800N0-3400W MOVGA **UM799** LAR **UW3** DOZ SCEL

5880.35 nm / 10890.40 km



Notes

Basic altitude profile:

- Ascent Rate: 2000ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 3000000ft
- Cruise Speed: 420kts
- Descent Rate: 2000ft/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	-	
LUPES	-	40.23320	14,400 ft	50	-
FIX	-	-4.61111	4,389 m	-	-
OBIPA	B60	39.52450	41,300 ft	94	-
FIX	AWY-LO	-6.43472	12,588 m	-	-
ELVAR	G7	39.21940	53,000 ft	40	-
FIX	AWY-LO	-7.22333	16,154 m	-	-
BIRBA	UN975	39.10560	57,300 ft	15	-
FIX	AWY-HI	-7.51194	17,465 m	-	-
TAGUX	UN975	38.94560	63,400 ft	21	-
FIX	AWY-HI	-7.91417	19,324 m	-	-
ATECA	UN975	38.65830	74,000 ft	37	-
FIX	AWY-HI	-8.62250	22,555 m	-	-
ESP	UN975	38.42410	82,600 ft	29	ESPICHEL
VOR	AWY-HI	-9.18567	25,176 m	-	
GANSU	UN975	38.00000	93,800 ft	39	-
FIX	AWY-HI	-9.81750	28,590 m	-	-
NARTA	UN975	36.05640	144,000 ft	175	-
FIX	AWY-HI	-12.55810	43,891 m	-	-
RULET	B18	34.25170	189,300 ft	158	-
FIX	AWY-LO	-14.91560	57,699 m	-	-
SNT	UN745	33.09040	217,900 ft	100	PORTO SANTO
VOR	AWY-HI	-16.35060	66,416 m	-	
NELSO	UN741	31.68290	246,900 ft	101	-
FIX	AWY-HI	-17.45700	75,255 m	-	-
ROSTA	UN741	28.25610	316,800 ft	244	-
FIX	AWY-HI	-20.00000	96,561 m	-	-
NORED	UN741	24.63840	389,600 ft	254	-
FIX	AWY-HI	-22.48000	118,750 m	-	-
EDUMO	UN741	22.91670	424,000 ft	120	-
FIX	AWY-HI	-23.60000	129,235 m	-	-
GAMBA	UN741	18.95170	502,600 ft	275	-
FIX	AWY-HI	-26.06170	153,192 m	-	-
KENOX	UN741	14.78000	584,600 ft	286	-
FIX	AWY-HI	-28.49330	178,186 m	-	-
SAGRO	UN741	10.58330	666,800 ft	287	-
FIX	AWY-HI	-30.86330	203,241 m	-	-
DIGUN	-	9.66083	684,800 ft	62	-
FIX	-	-31.37060	208,727 m	-	-
900N0-3300W	-	9.00000	714,600 ft	104	-
LATLON	-	-33.00000	217,810 m	-	-
800N0-3400W	-	8.00000	738,800 ft	84	-
LATLON	-	-34.00000	225,186 m	-	-
MOVGA	-	7.66667	756,700 ft	62	-
FIX	-	-35.00000	230,642 m	-	-
EGIMI	UM799	6.00000	793,200 ft	127	-
FIX	AWY-HI	-36.33330	241,767 m	-	-
EGBIR	UM799	3.82633	837,100 ft	173	-
FIX	AWY-HI	-38.24920	255,148 m	-	-
ESLEL	UM799	0.93017	771,100 ft	230	-
FIX	AWY-HI	-40.78220	235,031 m	-	-
POSPI	UM799	-1.35850	719,000 ft	182	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-42.77880	219,151 m		
ESLEB	UM799	-2.33117	696,900 ft	77	-
FIX	AWY-HI	-43.62850	212,415 m		
NADIR	UM799	-2.65750	689,400 ft	26	-
FIX	AWY-HI	-43.91380	210,129 m		
ILSUD	UM799	-2.86783	684,800 ft	16	-
FIX	AWY-HI	-44.08170	208,727 m		
ISIXU	UM799	-3.05950	680,600 ft	14	-
FIX	AWY-HI	-44.23480	207,447 m		
ISKAB	UM799	-3.31667	674,900 ft	19	-
FIX	AWY-HI	-44.44080	205,710 m		
EPKOL	UM799	-3.61867	668,300 ft	23	-
FIX	AWY-HI	-44.68320	203,698 m		
VUKER	UM799	-3.77900	664,800 ft	12	-
FIX	AWY-HI	-44.81220	202,631 m		
PAGIT	UM799	-4.42883	650,600 ft	49	-
FIX	AWY-HI	-45.32550	198,303 m		
KOGNI	UM799	-5.14317	634,800 ft	55	-
FIX	AWY-HI	-45.90550	193,487 m		
GEDIR	UM799	-5.93700	617,300 ft	61	-
FIX	AWY-HI	-46.54750	188,153 m		
RICAR	UM799	-6.72233	600,200 ft	60	-
FIX	AWY-HI	-47.17180	182,941 m		
INTEL	UM799	-7.23917	589,300 ft	38	-
FIX	AWY-HI	-47.54220	179,619 m		
GIRAL	UM799	-8.40900	564,600 ft	86	-
FIX	AWY-HI	-48.38420	172,090 m		
GEDOG	UM799	-8.57600	561,100 ft	12	-
FIX	AWY-HI	-48.50470	171,023 m		
ISOBI	UM799	-9.16500	548,700 ft	43	-
FIX	AWY-HI	-48.93130	167,244 m		
ILRIP	UM799	-9.64333	538,700 ft	34	-
FIX	AWY-HI	-49.26630	164,196 m		
TEREB	UM799	-9.95050	532,100 ft	23	-
FIX	AWY-HI	-49.50380	162,184 m		
OPTEN	UM799	-10.49420	520,600 ft	40	-
FIX	AWY-HI	-49.90180	158,679 m		
KEXEL	UM799	-10.90080	512,000 ft	30	-
FIX	AWY-HI	-50.20080	156,058 m		
RONAL	UM799	-10.96650	510,600 ft	4	-
FIX	AWY-HI	-50.24920	155,631 m		
BERNA	UM799	-11.35100	502,400 ft	28	-
FIX	AWY-HI	-50.53270	153,132 m		
IVRED	UM799	-12.08930	486,800 ft	54	-
FIX	AWY-HI	-51.08000	148,377 m		
TERES	UM799	-12.47570	478,600 ft	28	-
FIX	AWY-HI	-51.36820	145,877 m		
EGOLA	UM799	-13.10430	465,200 ft	46	-
FIX	AWY-HI	-51.83920	141,793 m		
KOGTU	UM799	-13.47120	457,300 ft	27	-
FIX	AWY-HI	-52.12920	139,385 m		
DIMUB	UM799	-13.68120	452,700 ft	15	-
FIX	AWY-HI	-52.29550	137,983 m		
OBMET	UM799	-14.22830	440,900 ft	41	-
FIX	AWY-HI	-52.73120	134,386 m		
SAMAR	UM799	-14.71300	430,300 ft	36	-

Ident Type	Via	Lat Lon	Alt		Dist (nm)	Name
FIX	AWY-HI	-53.11950	131,155 m			
MANSI	UM799	-15.15750	420,700 ft	33	-	
FIX	AWY-HI	-53.47750	128,229 m			
ISVOM	UM799	-15.82350	406,200 ft	50	-	
FIX	AWY-HI	-54.01770	123,810 m			
LISAN	UM799	-15.96120	403,200 ft	10	-	
FIX	AWY-HI	-54.13000	122,895 m			
ISUKA	UM799	-16.22630	397,400 ft	20	-	
FIX	AWY-HI	-54.34630	121,128 m			
ILNIM	UM799	-16.71980	386,600 ft	37	-	
FIX	AWY-HI	-54.75200	117,836 m			
ESTER	UM799	-17.17830	376,600 ft	35	-	
FIX	AWY-HI	-55.13130	114,788 m			
TOSAR	UM799	-17.65070	366,200 ft	36	-	
FIX	AWY-HI	-55.52450	111,618 m			
CANOP	UM799	-19.35220	328,600 ft	131	-	
FIX	AWY-HI	-56.98580	100,157 m			
UMSIL	UM799	-19.85150	317,500 ft	38	-	
FIX	AWY-HI	-57.42230	96,774 m			
DARIO	UM799	-19.94600	315,400 ft	7	-	
FIX	AWY-HI	-57.50550	96,134 m			
ESDER	UM799	-20.29480	307,600 ft	27	-	
FIX	AWY-HI	-57.81320	93,756 m			
REMEK	UM799	-20.63310	300,000 ft	26	-	
FIX	AWY-HI	-58.11310	91,440 m			
NEKAN	UM799	-22.37250	261,100 ft	136	-	
FIX	AWY-HI	-59.68140	79,583 m			
ILPUR	UM799	-22.70060	253,700 ft	25	-	
FIX	AWY-HI	-59.98060	77,328 m			
EGEXO	UM799	-22.96750	247,700 ft	21	-	
FIX	AWY-HI	-60.23030	75,499 m			
AKNEL	UM799	-23.79890	229,000 ft	65	-	
FIX	AWY-HI	-60.99560	69,799 m			
GETRA	UM799	-24.13440	221,400 ft	26	-	
FIX	AWY-HI	-61.31110	67,483 m			
VINOS	UM799	-24.77580	206,800 ft	51	-	
FIX	AWY-HI	-61.92310	63,033 m			
LIXOM	UM799	-25.42470	192,000 ft	51	-	
FIX	AWY-HI	-62.55000	58,522 m			
UBRIX	UM799	-25.74940	184,600 ft	26	-	
FIX	AWY-HI	-62.86750	56,266 m			
GAVEX	UM799	-26.69970	162,800 ft	76	-	
FIX	AWY-HI	-63.81060	49,621 m			
MUDUL	UM799	-26.96690	156,600 ft	21	-	
FIX	AWY-HI	-64.07920	47,732 m			
PUBER	UM799	-27.53080	143,600 ft	45	-	
FIX	AWY-HI	-64.65310	43,769 m			
CAT	UM799	-28.58360	119,100 ft	85	CATAMARCA	
VOR	AWY-HI	-65.74670	36,302 m			
KAKAN	UM799	-29.06140	106,600 ft	43	-	
FIX	AWY-HI	-66.37060	32,492 m			
LAR	UM799	-29.38860	98,000 ft	30	LA RIOJA	
VOR	AWY-HI	-66.80360	29,870 m			
GILSA	UW3	-30.51640	75,100 ft	80	-	
FIX	AWY-HI	-67.63140	22,890 m			
JUA	UW3	-31.56390	53,700 ft	74	SAN JUAN	

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-HI	-68.42140	16,368 m		
MEBRA	UW3	-32.05860	45,100 ft	30	-
FIX	AWY-HI	-68.33690	13,746 m		
DOZ	UW3	-32.83180	30,300 ft	51	MENDOZA
VOR	AWY-HI	-68.79080	9,235 m		
SCEL	-	-33.39100	0 ft	106	Arturo Merino Benitez Intl
APT	-	-70.79430	0 m		

LEMD

Region: SPAIN
Timezone: EUROPE/MADRID
Runways: 4

Elevation: 1,998 ft / 609 m
Location: 40.495300 -3.560200
Magnetic Var: 0.080 E

METAR

LEMD 160200Z 26005KT 210V290 9999 FEW050 11/03 Q1009 NOSIG

TAF

TAF LEMD 152300Z 1600/1706 26010KT CAVOK TX21/1615Z TN09/1605Z TEMPO 1600/1608 VRB08KT SCT050 TEMPO 1610/1620 240

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

SCEL

Region: CHILE
Timezone: AMERICA/SANTIAGO
Runways: 2

Elevation: 1,555 ft / 474 m
Location: -33.391000 -70.794300
Magnetic Var: 0.782 E

METAR

SCEL 160200Z VRB02KT CAVOK 06/01 Q1019 NOSIG

TAF

TAF SCEL 152200Z 1600/1624 16004KT 9999 SCT050 TX15/1619Z TN00/1610Z BECMG 1606/1608 VRB02KT 7000 NSC BECMG 1608/

Frequencies

REC - 132.70 MHz - ATIS
TWR - 118.35 MHz - SANTIAGO TOWER
CLD - 121.70 MHz - CLEARANCE DELIVERY
APP - 129.70 MHz - SANTIAGO APPROACH
TWR - 118.10 MHz - SANTIAGO TOWER
GND - 122.20 MHz - SANTIAGO GROUND
APP - 119.70 MHz - SANTIAGO APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17R	148 ft	12,479 ft	177.47	ASPHALT	0 ft	0 ft
	45 m	3,804 m	176.69		0 m	0 m
35L	148 ft	12,479 ft	357.47	ASPHALT	0 ft	0 ft
	45 m	3,804 m	356.69		0 m	0 m
17L	180 ft	12,315 ft	177.42	ASPHALT	0 ft	0 ft
	55 m	3,754 m	176.64		0 m	0 m
35R	180 ft	12,315 ft	357.42	ASPHALT	1,785 ft	0 ft
	55 m	3,754 m	356.64		544 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
17L	DME	IUEL	110.30 MHz	18 nm	-	-	1,557 ft
				33 km	-		1,557 m
17R	DME	IMER	111.10 MHz	18 nm	-	-	1,555 ft
				33 km	-		1,555 m
17L	LOC-ILS	IUEL	110.30 MHz	18 nm	177.42	-	1,555 ft
				33 km	176.64		1,555 m
17R	LOC-ILS	IMER	111.10 MHz	18 nm	177.47	-	1,555 ft
				33 km	176.69		1,555 m
17L	GS	IUEL	110.30 MHz	10 nm	177.42	3.00	1,555 ft
				19 km	176.64		1,555 m
17R	GS	IMER	111.10 MHz	10 nm	177.47	3.00	1,555 ft
				19 km	176.69		1,555 m