

LEMD

Barajas

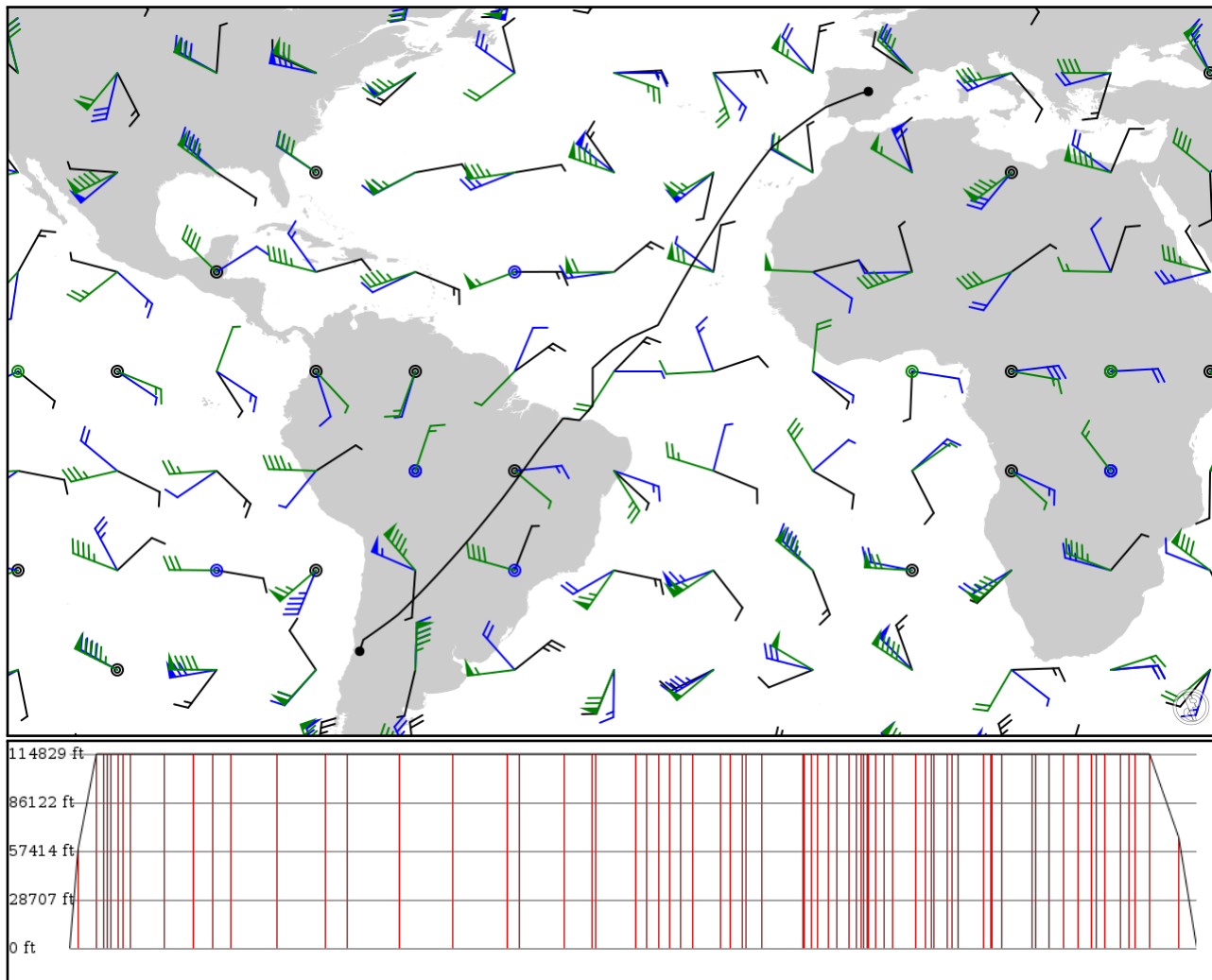
SCEL

Arturo Merino Benitez Intl

2024/05/16 0500Z

LEMD LUPES **B60** CCS **G7** ESP **B18** RULET **UN745** SNT **UN741** EDUMO **N741** KENOX **UN741** SAGRO DIGUN 800N03500W
UKEDI ARUSI 400N04000W 300N04000W 200N04000W 100N04000W 000N04000W 100S04000W PNB **G677** ZURCO **UW33**
NADIR **UM799** CAT **W3** LAR **UM799** ASIMO SCEL

6003.56 nm / 11118.60 km



Notes

Basic altitude profile:

- Ascent Rate: 3400ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 42000ft
- Cruise Speed: 504kts
- Descent Rate: 1500ft/min
- Descent Speed: 240kts

Options:

- Use NATs: no
- Use PACOTS: no

- Use low airways: yes
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LEMD	-	40.49045	0 ft	-	Barajas
APT	-	-3.56061	0 m		
LUPES	-	40.23306	18,000 ft	50	-
FIX	-	-4.61111	5,486 m		
CCS	B60	39.52451	35,000 ft	94	CACERES VOR-DME
VOR	AWY-LO	-6.43474	10,668 m		
ELVAR	G7	39.21945	35,000 ft	40	-
FIX	AWY-LO	-7.22332	10,668 m		
BIRBA	G7	39.10556	35,000 ft	15	-
FIX	AWY-LO	-7.51194	10,668 m		
TAGUX	G7	38.94556	35,000 ft	21	-
FIX	AWY-LO	-7.91417	10,668 m		
ATECA	G7	38.65833	35,000 ft	37	-
FIX	AWY-LO	-8.62250	10,668 m		
ESP	G7	38.42427	35,000 ft	29	ESPICHEL VORTAC
VOR	AWY-LO	-9.18578	10,668 m		
GANSU	B18	38.00000	35,000 ft	39	-
FIX	AWY-LO	-9.81750	10,668 m		
NARTA	B18	36.05639	35,000 ft	175	-
FIX	AWY-LO	-12.55806	10,668 m		
RULET	B18	34.25167	35,000 ft	158	-
FIX	AWY-LO	-14.91556	10,668 m		
SNT	UN745	33.09028	35,000 ft	100	PORTO SANTO VOR-DME
VOR	AWY-HI	-16.35056	10,668 m		
NELSO	UN741	31.68292	35,000 ft	101	-
FIX	AWY-HI	-17.45700	10,668 m		
ROSTA	UN741	28.25606	35,000 ft	244	-
FIX	AWY-HI	-20.00000	10,668 m		
NORED	UN741	24.63836	35,000 ft	254	-
FIX	AWY-HI	-22.48003	10,668 m		
EDUMO	UN741	22.91667	35,000 ft	120	-
FIX	AWY-HI	-23.60000	10,668 m		
GAMBA	N741	18.95333	35,000 ft	275	-
FIX	AWY-LO	-26.06000	10,668 m		
KENOX	N741	14.81000	35,000 ft	285	-
FIX	AWY-LO	-28.49167	10,668 m		
SAGRO	UN741	10.58333	35,000 ft	289	-
FIX	AWY-HI	-30.86333	10,668 m		
DIGUN	-	9.66083	35,000 ft	62	-
FIX	-	-31.37056	10,668 m		
800N03500W	-	8.00000	35,000 ft	237	-
LATLON	-	-35.00000	10,668 m		
UKEDI	-	6.58833	35,000 ft	149	-
FIX	-	-37.07667	10,668 m		
ARUSI	-	6.41667	35,000 ft	18	-
FIX	-	-37.33333	10,668 m		
400N04000W	-	4.00000	35,000 ft	215	-
LATLON	-	-40.00000	10,668 m		
300N04000W	-	3.00000	35,000 ft	60	-
LATLON	-	-40.00000	10,668 m		
200N04000W	-	2.00000	35,000 ft	60	-
LATLON	-	-40.00000	10,668 m		
100N04000W	-	1.00000	35,000 ft	60	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-40.00000	10,668 m		
000N04000W	-	0.00000	35,000 ft	60	-
LATLON	-	-40.00000	10,668 m		
100S04000W	-	-1.00000	35,000 ft	60	-
LATLON	-	-40.00000	10,668 m		
PNB	-	-2.89750	35,000 ft	154	PARNAIBA NDB
NDB	-	-41.72883	10,668 m		
GRAVE	G677	-2.79283	35,000 ft	51	-
FIX	AWY-LO	-42.58683	10,668 m		
ZURCO	G677	-2.67100	35,000 ft	59	-
FIX	AWY-LO	-43.57883	10,668 m		
NADIR	UM799	-2.65750	35,000 ft	20	-
FIX	AWY-HI	-43.91383	10,668 m		
VUKER	UM799	-3.77900	35,000 ft	86	-
FIX	AWY-HI	-44.81217	10,668 m		
BELIS	UM799	-6.57150	35,000 ft	215	-
FIX	AWY-HI	-47.06400	10,668 m		
RICAR	UM799	-6.72233	35,000 ft	11	-
FIX	AWY-HI	-47.17183	10,668 m		
INTEL	UM799	-7.23917	35,000 ft	38	-
FIX	AWY-HI	-47.54217	10,668 m		
URUGU	UM799	-7.67950	35,000 ft	32	-
FIX	AWY-HI	-47.85833	10,668 m		
GIRAL	UM799	-8.40900	35,000 ft	53	-
FIX	AWY-HI	-48.38417	10,668 m		
BISAN	UM799	-9.05200	35,000 ft	47	-
FIX	AWY-HI	-48.84983	10,668 m		
TEREB	UM799	-9.95050	35,000 ft	66	-
FIX	AWY-HI	-49.50383	10,668 m		
ALVAR	UM799	-10.49417	35,000 ft	40	-
FIX	AWY-HI	-49.90183	10,668 m		
ZELAN	UM799	-10.80433	35,000 ft	22	-
FIX	AWY-HI	-50.12967	10,668 m		
RONAL	UM799	-10.96650	35,000 ft	12	-
FIX	AWY-HI	-50.24917	10,668 m		
ELDOR	UM799	-11.22667	35,000 ft	19	-
FIX	AWY-HI	-50.44083	10,668 m		
BERNA	UM799	-11.35100	35,000 ft	9	-
FIX	AWY-HI	-50.53267	10,668 m		
POLAN	UM799	-11.82817	35,000 ft	35	-
FIX	AWY-HI	-50.88600	10,668 m		
TERES	UM799	-12.47567	35,000 ft	48	-
FIX	AWY-HI	-51.36817	10,668 m		
EGOLA	UM799	-13.10433	35,000 ft	46	-
FIX	AWY-HI	-51.83917	10,668 m		
SAMAR	UM799	-14.71300	35,000 ft	122	-
FIX	AWY-HI	-53.11942	10,668 m		
DOMIC	UM799	-15.39050	35,000 ft	51	-
FIX	AWY-HI	-53.66600	10,668 m		
ANGOL	UM799	-15.82342	35,000 ft	33	-
FIX	AWY-HI	-54.01767	10,668 m		
LISAN	UM799	-15.96117	35,000 ft	10	-
FIX	AWY-HI	-54.12992	10,668 m		
SIRIA	UM799	-16.87975	35,000 ft	70	-
FIX	AWY-HI	-54.88417	10,668 m		
ESTER	UM799	-17.17833	35,000 ft	22	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-55.13133	10,668 m		
TOSAR	UM799	-17.65067	35,000 ft	36	-
FIX	AWY-HI	-55.52450	10,668 m		
CANOP	UM799	-19.35217	35,000 ft	131	-
FIX	AWY-HI	-56.98583	10,668 m		
ARGOS	UM799	-19.85150	35,000 ft	38	-
FIX	AWY-HI	-57.42233	10,668 m		
DARIO	UM799	-19.94600	35,000 ft	7	-
FIX	AWY-HI	-57.50550	10,668 m		
REMEK	UM799	-20.63306	35,000 ft	53	-
FIX	AWY-HI	-58.11306	10,668 m		
ILPUR	UM799	-22.70056	35,000 ft	162	-
FIX	AWY-HI	-59.98056	10,668 m		
EGEXO	UM799	-22.96750	35,000 ft	21	-
FIX	AWY-HI	-60.23028	10,668 m		
AKNEL	UM799	-23.79889	35,000 ft	65	-
FIX	AWY-HI	-60.99556	10,668 m		
VINOS	UM799	-24.77583	35,000 ft	77	-
FIX	AWY-HI	-61.92306	10,668 m		
UBRIX	UM799	-25.74944	35,000 ft	77	-
FIX	AWY-HI	-62.86750	10,668 m		
GAVEX	UM799	-26.68028	35,000 ft	74	-
FIX	AWY-HI	-63.79083	10,668 m		
MUDUL	UM799	-26.96694	35,000 ft	23	-
FIX	AWY-HI	-64.07917	10,668 m		
PUBER	UM799	-27.53083	35,000 ft	45	-
FIX	AWY-HI	-64.65306	10,668 m		
CAT	UM799	-28.58361	35,000 ft	85	CATAMARCA VOR-DME
VOR	AWY-HI	-65.74667	10,668 m		
KAKAN	W3	-29.06139	35,000 ft	43	-
FIX	AWY-LO	-66.37056	10,668 m		
LAR	W3	-29.38861	35,000 ft	30	LA RIOJA VOR
VOR	AWY-LO	-66.80361	10,668 m		
SIBOX	UM799	-30.22556	35,000 ft	77	-
FIX	AWY-HI	-67.94778	10,668 m		
ASIMO	UM799	-31.88333	20,000 ft	157	-
FIX	AWY-HI	-70.31667	6,096 m		
SCEL	-	-33.38978	0 ft	93	Arturo Merino Benitez Intl
APT	-	-70.79437	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 160430Z 24011KT 9999 BKN065 11/02 Q1008 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 160400Z 35003KT 290V050 8000 NSC 02/00 Q1020 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