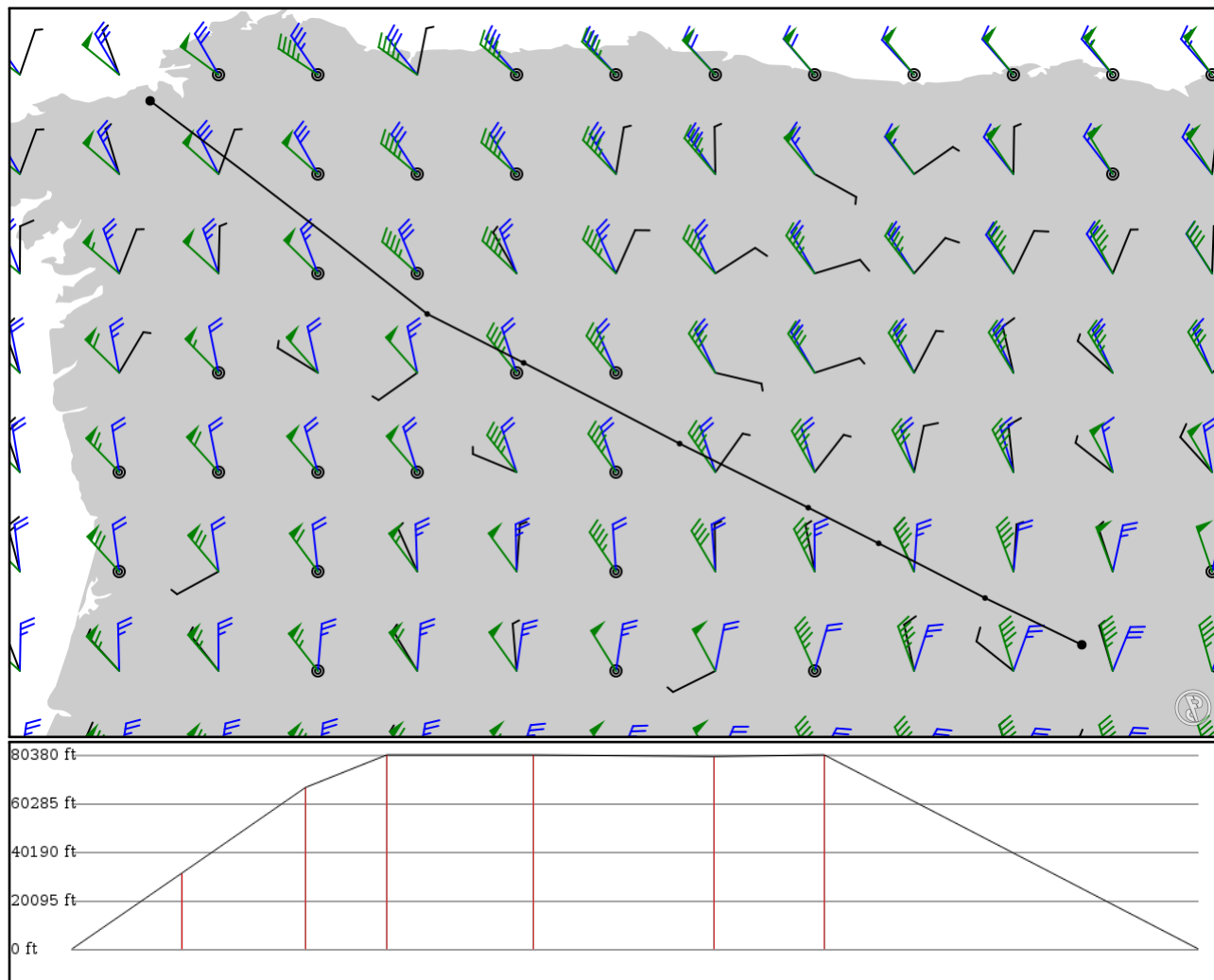


2024/05/13 1154Z

LEMD COTOS **W97** ZMR **UN733** BARKO LECO

275.42 nm / 510.08 km



Notes

Basic altitude profile:

- Ascent Rate: 1000ft/min
- Ascent Speed: 130kts
- Cruise Altitude: 8000ft
- Cruise Speed: 170kts
- Descent Rate: 1000ft/min
- Descent Speed: 140kts

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	-	40.49045 -3.56061	0 ft 0 m	-	Barajas
COTOS FIX	-	40.73230 -4.06099	9,600 ft 2,926 m	27	-
VARUX FIX	W97 AWY-LO	41.01500 -4.61111	20,400 ft 6,218 m	30	-
MANKA FIX	W97 AWY-LO	41.19922 -4.97495	24,500 ft 7,468 m	19	-
ZMR VOR	W97 AWY-LO	41.53018 -5.63970	24,500 ft 7,468 m	35	ZAMORA VOR-DME
GASBA FIX	UN733 AWY-HI	41.94783 -6.44596	24,300 ft 7,407 m	43	-
BARKO FIX	UN733 AWY-HI	42.20061 -6.94460	24,500 ft 7,468 m	26	-
LECO APT	-	43.30226 -8.37709	0 ft 0 m	91	A Coruna

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 131130Z 21012KT 190V250 CAVOK 26/07 Q1012 NOSIG

TAF

TAF LEMD 130500Z 1306/1412 VRB05KT CAVOK TX30/1315Z TN17/1405Z BECMG 1310/1312 22010KT PROB40 TEMPO 1310/1320 220

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

LECO

Region: SPAIN
Timezone: EUROPE/MADRID
Runways: 1

Elevation: 330 ft / 101 m
Location: 43.300700 -8.378350
Magnetic Var: 1.535 W

METAR

LECO 131130Z 30011G22KT 260V340 4000 1500S RA SCT012 BKN018 13/11 Q1011 TEMPO 6000 NSW

TAF

TAF AMD LECO 130831Z 1309/1409 29009KT 9999 SCT020 BKN040 TX17/1311Z TN10/1406Z PROB40 TEMPO 1309/1310 22010KT TE

Frequencies

GND - 121.70 MHz - A CORUNA GROUND
APP - 120.20 MHz - SANTIAGO APPROACH

TWR - 118.30 MHz - A CORUNA TOWER

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
03	148 ft	7,671 ft	30.83	ASPHALT	0 ft	95 ft
	45 m	2,338 m	32.36		0 m	29 m
21	148 ft	7,671 ft	210.84	ASPHALT	482 ft	203 ft
	45 m	2,338 m	212.37		147 m	62 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
21	DME	LCO	109.90 MHz	18 nm	-	-	293 ft
				33 km	-		293 m
21	LOC-ILS	LCO	109.90 MHz	18 nm	210.84	-	330 ft
				33 km	212.37		330 m
21	GS	LCO	109.90 MHz	10 nm	210.84	3.00	330 ft
				19 km	212.37		330 m