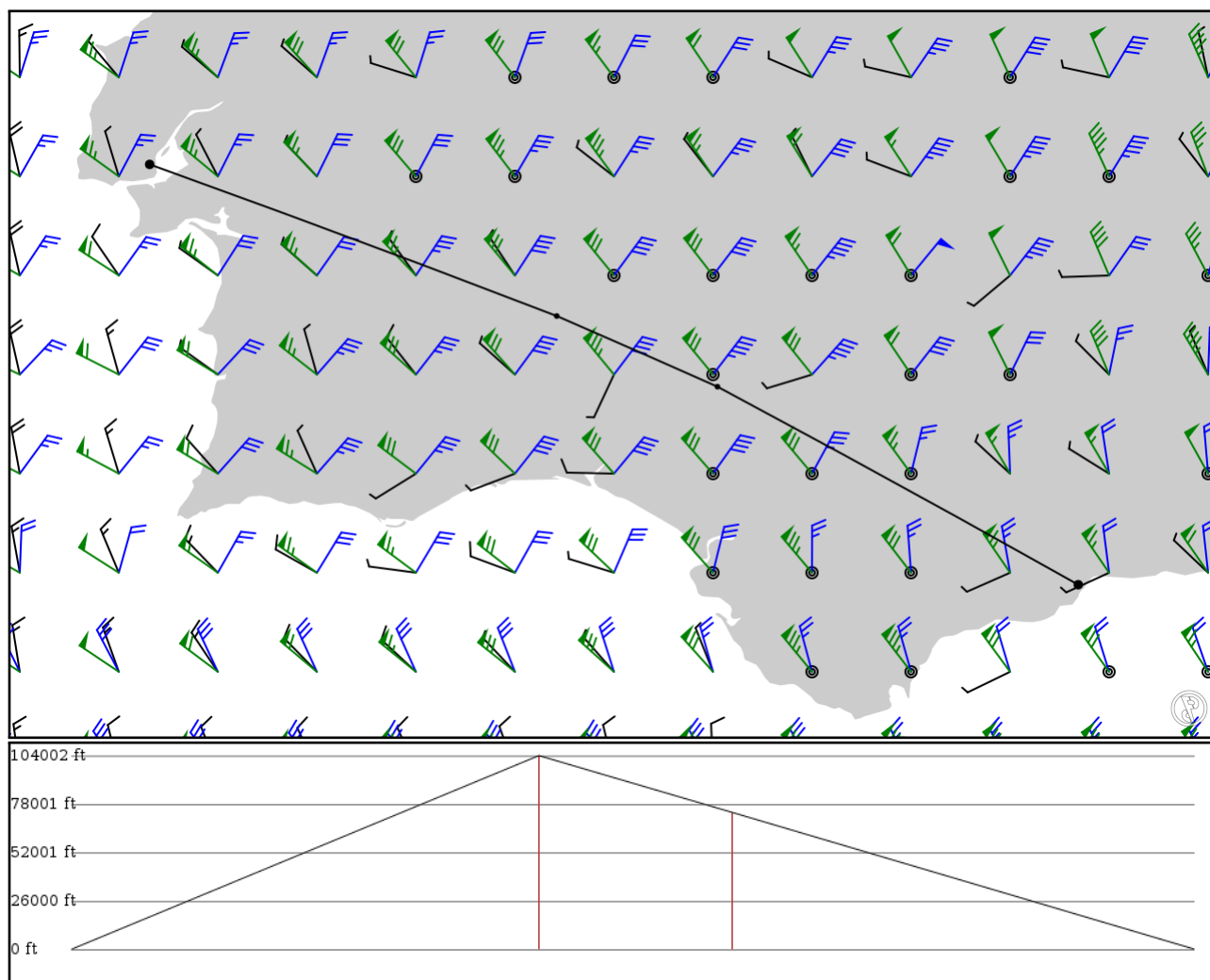


2024/05/11 1343Z

LPPT ROSAL **A44** SANTA LEMG

254.27 nm / 470.91 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 30000ft
- 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
LPPT	-	38.77856	0 ft	-	Lisboa
APT	-	-9.13515	0 m		
ROSAL	-	38.02151	31,700 ft	105	-
FIX	-	-7.10126	9,662 m		
SANTA	A44	37.66854	22,400 ft	43	-
FIX	AWY-LO	-6.29835	6,828 m		
LEMG	-	36.67978	0 ft	104	Malaga
APT	-	-4.49590	0 m		

LPPT

Region: PORTUGAL
Timezone: EUROPE/LISBON
Runways: 2

Elevation: 374 ft / 114 m
Location: 38.778800 -9.135190
Magnetic Var: 1.569 W

METAR

LPPT 111330Z 33014KT 300V360 9999 FEW020 20/14 Q1017

TAF

TAF TAF LPPT 111100Z 1112/1218 33010KT 9999 FEW030 BECMG 1113/1115 33015KT BECMG 1122/1124 34010KT FEW012 PROB30

Frequencies

REC - 121.95 MHz - ATIS	REC - 124.15 MHz - ATIS
TWR - 118.10 MHz - LISBOA TOWER	TWR - 118.50 MHz - LISBOA TOWER
GND - 121.75 MHz - LISBOA GROUND	CLD - 118.95 MHz - CLEARANCE DELIVERY
APP - 119.10 MHz - LISBOA APPROACH	APP - 119.55 MHz - LISBOA APPROACH
APP - 125.35 MHz - LISBOA ARRIVAL	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
03	148 ft	12,505 ft	22.65	ASPHALT	302 ft	0 ft
	45 m	3,812 m	24.22		92 m	0 m
21	148 ft	12,505 ft	202.66	ASPHALT	1,965 ft	0 ft
	45 m	3,812 m	204.23		599 m	0 m
17	148 ft	7,612 ft	168.14	ASPHALT	0 ft	0 ft
	45 m	2,320 m	169.71		0 m	0 m
35	148 ft	7,612 ft	348.14	ASPHALT	194 ft	299 ft
	45 m	2,320 m	349.71		59 m	91 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
03	DME	ILI	109.10 MHz	18 nm	-	-	419 ft
				33 km	-		419 m
21	DME	ILB	109.50 MHz	18 nm	-	-	423 ft
				33 km	-		423 m
03	LOC-ILS	ILI	109.10 MHz	18 nm	22.66	-	374 ft
				33 km	24.23		374 m
21	LOC-ILS	ILB	109.50 MHz	18 nm	202.59	-	335 ft
				33 km	204.15		335 m
03	GS	ILI	109.10 MHz	10 nm	22.66	3.00	374 ft
				19 km	24.23		374 m
21	GS	ILB	109.50 MHz	10 nm	203.42	3.00	423 ft
				19 km	204.99		423 m

LEMG

Region: SPAIN
Timezone: EUROPE/MADRID
Runways: 2

Elevation: 52 ft / 16 m
Location: 36.680200 -4.496650
Magnetic Var: 0.155 W

METAR

LEMG 111330Z 12007KT 060V190 CAVOK 23/10 Q1017 NOSIG

TAF

TAF TAF LEMG 111100Z 1112/1212 13010KT CAVOK TX25/1114Z TN14/1206Z BECMG 1119/1122 28006KT BECMG 1208/1210 13010KT

Frequencies

REC - 124.47 MHz - ATIS	CLD - 121.80 MHz - CLEARANCE DELIVERY
TWR - 118.15 MHz - MALAGA TOWER	TWR - 118.77 MHz - MALAGA TOWER
GND - 121.70 MHz - MALAGA GROUND	GND - 121.95 MHz - MALAGA GROUND
APP - 118.45 MHz - MALAGA APPROACH	APP - 123.95 MHz - MALAGA APPROACH
APP - 128.80 MHz - MALAGA APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13	148 ft	10,498 ft	131.69	ASPHALT	0 ft	0 ft
	45 m	3,200 m	131.84		0 m	0 m
31	148 ft	10,498 ft	311.70	ASPHALT	0 ft	0 ft
	45 m	3,200 m	311.86		0 m	0 m
12	148 ft	9,020 ft	117.69	ASPHALT	0 ft	0 ft
	45 m	2,749 m	117.84		0 m	0 m
30	148 ft	9,020 ft	297.71	ASPHALT	0 ft	0 ft
	45 m	2,749 m	297.86		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12	DME	IMG	110.55 MHz	18 nm	-	-	52 ft
				33 km	-		52 m
13	DME	GMM	109.50 MHz	18 nm	-	-	69 ft
				33 km	-		69 m
31	DME	GAA	109.90 MHz	18 nm	-	-	56 ft
				33 km	-		56 m
12	LOC-ILS	IMG	110.55 MHz	18 nm	117.69	-	52 ft
				33 km	117.84		52 m
13	LOC-ILS	GMM	109.50 MHz	18 nm	131.70	-	52 ft
				33 km	131.85		52 m
31	LOC-ILS	GAA	109.90 MHz	18 nm	311.70	-	52 ft
				33 km	311.85		52 m
12	GS	IMG	110.55 MHz	10 nm	117.69	3.00	52 ft
				19 km	117.84		52 m
13	GS	GMM	109.50 MHz	10 nm	131.70	3.20	52 ft
				19 km	131.85		52 m
31	GS	GAA	109.90 MHz	10 nm	311.70	3.00	52 ft
				19 km	311.85		52 m