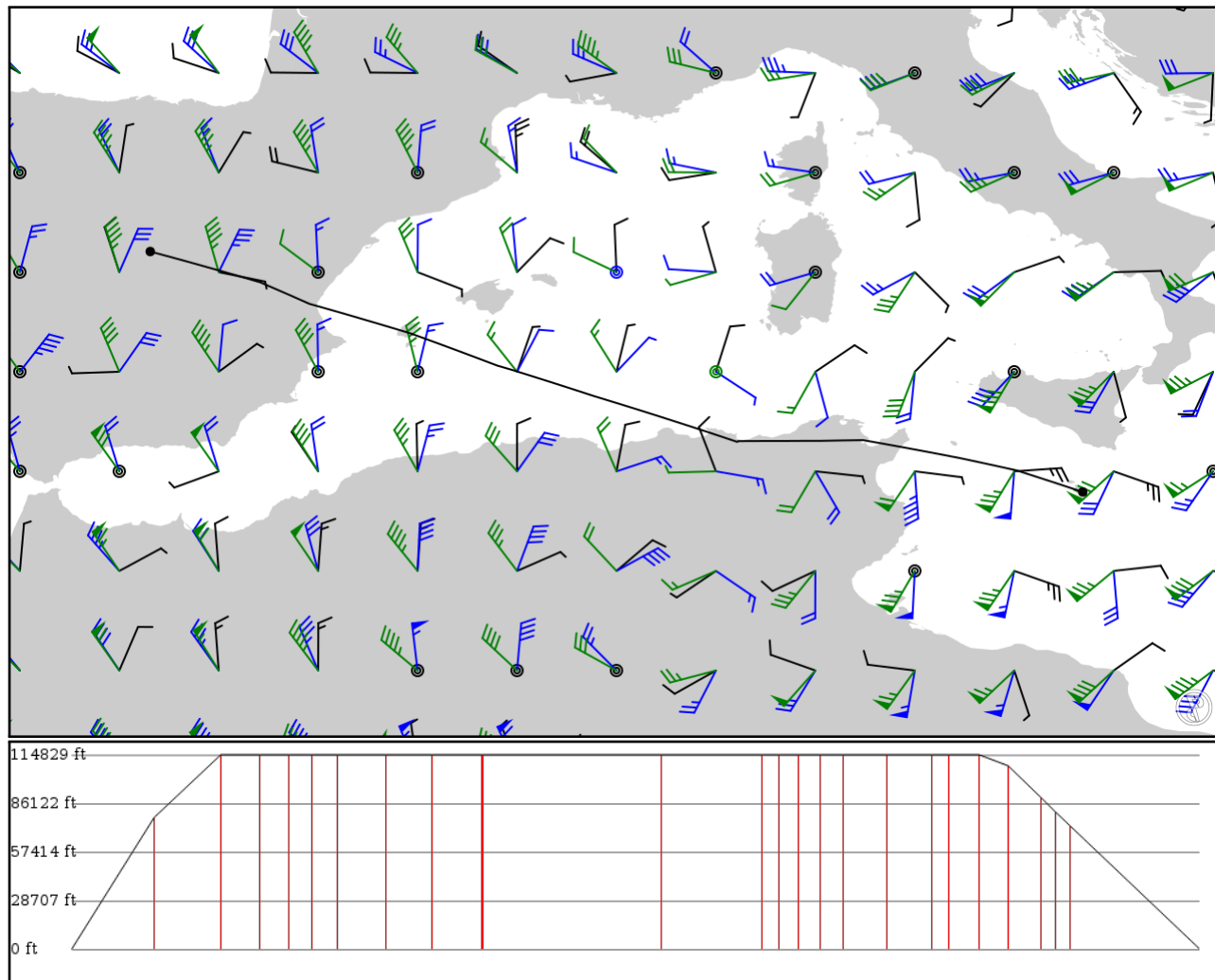


2024/05/22 0353Z

LMML ASDAX **UM978** DOBIX **M978** SONAK **UM978** TUC **UA411** KEMIR **UM978** MORJA **UA411** ANB ANB **UM134** VLC **UN733**  
CLS **A33** CENTA LEMD

909.14 nm / 1683.73 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
LMML	-	35.84940	0 ft	-	Malta Intl
APT	-	14.48180	0 m		
ASDAX	-	36.26390	23,700 ft	66	-
FIX	-	13.21110	7,224 m		
DOBIX	UM978	36.50000	35,000 ft	54	-
FIX	AWY-HI	12.12690	10,668 m		
SONAK	M978	36.62000	35,000 ft	31	-
FIX	AWY-LO	11.50000	10,668 m		
DIDON	UM978	36.70720	35,000 ft	23	-
FIX	AWY-HI	11.03140	10,668 m		
ADRIL	UM978	36.77610	35,000 ft	18	-
FIX	AWY-HI	10.65280	10,668 m		
TUC	UM978	36.85140	35,000 ft	20	TUNIS
VOR	AWY-HI	10.23110	10,668 m		
KEMIR	UA411	36.83750	35,000 ft	38	-
FIX	AWY-HI	9.42083	10,668 m		
MORJA	UM978	36.83440	35,000 ft	37	-
FIX	AWY-HI	8.65000	10,668 m		
ANB	UA411	36.83240	35,000 ft	40	ANNABA
VOR	AWY-HI	7.81458	10,668 m		
ANB	-	36.81670	35,000 ft	1	ANNABA VOR-DME
DME	-	7.80000	10,668 m		
PAGRE	UM134	37.71000	35,000 ft	144	-
FIX	AWY-HI	5.00000	10,668 m		
LUXUR	UM134	38.21320	35,000 ft	80	-
FIX	AWY-HI	3.42194	10,668 m		
GENIO	UM134	38.29360	35,000 ft	13	-
FIX	AWY-HI	3.14781	10,668 m		
XARON	UM134	38.40510	35,000 ft	15	-
FIX	AWY-HI	2.85400	10,668 m		
OLMIR	UM134	38.53120	35,000 ft	17	-
FIX	AWY-HI	2.51792	10,668 m		
NINES	UM134	38.66360	35,000 ft	18	-
FIX	AWY-HI	2.16128	10,668 m		
IZA	UM134	38.91550	35,000 ft	35	IBIZA
NDB	AWY-HI	1.47042	10,668 m		
XOSTA	UM134	39.13310	35,000 ft	36	-
FIX	AWY-HI	0.74172	10,668 m		
NINOT	UM134	39.20880	35,000 ft	12	-
FIX	AWY-HI	0.48333	10,668 m		
COMPI	UM134	39.35080	35,000 ft	24	-
FIX	AWY-HI	-0.00789	10,668 m		
VLC	UM134	39.48560	33,000 ft	23	VALENCIA
VOR	AWY-HI	-0.48306	10,058 m		
CLS	UN733	39.70720	27,300 ft	26	CALLES (VALENCIA)
VOR	AWY-HI	-0.98633	8,321 m		
CATON	A33	39.80530	24,700 ft	11	-
FIX	AWY-LO	-1.21167	7,529 m		
CENTA	A33	39.90060	22,200 ft	11	-
FIX	AWY-LO	-1.43200	6,767 m		
LEMD	-	40.49530	0 ft	103	Adolfo Suárez Madrid-Barajas
APT	-	-3.56020	0 m		

## LMML

Region: MALTA  
Timezone: EUROPE/MALTA  
Runways: 2

Elevation: 297 ft / 91 m  
Location: 35.849400 14.481800  
Magnetic Var: 3.624 E

## METAR

LMML 220315Z 33006KT CAVOK 17/13 Q1016 NOSIG

## TAF

TAF LMML 212300Z 2200/2224 32010KT CAVOK BECMG 2215/2218 20009KT BECMG 2221/2224 34010KT PROB30 2222/2224 BKN006

## Frequencies

REC - 127.40 MHz - LUQA ATIS  
TWR - 135.10 MHz - LUQA TOWER

GND - 121.60 MHz - LUQA GROUND  
APP - 128.15 MHz - LUQA APPROACH

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13	197 ft	11,618 ft	134.87	ASPHALT	0 ft	0 ft
	60 m	3,541 m	131.25		0 m	0 m
31	197 ft	11,618 ft	314.89	ASPHALT	614 ft	177 ft
	60 m	3,541 m	311.26		187 m	54 m
05	148 ft	7,794 ft	54.40	ASPHALT	0 ft	95 ft
	45 m	2,376 m	50.78		0 m	29 m
23	148 ft	7,794 ft	234.42	ASPHALT	0 ft	102 ft
	45 m	2,376 m	230.79		0 m	31 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13	LOC-ILS	LQ	109.70 MHz	18 nm	134.86	-	299 ft
				33 km	131.24		299 m
31	LOC-ILS	LM	110.50 MHz	18 nm	314.86	-	299 ft
				33 km	311.24		299 m
13	GS	LQ	109.70 MHz	10 nm	134.86	2.85	299 ft
				19 km	131.24		299 m
31	GS	LM	110.50 MHz	10 nm	314.86	2.85	299 ft
				19 km	311.24		299 m

## LEMD

Region: SPAIN  
Timezone: EUROPE/MADRID  
Runways: 4

Elevation: 1,998 ft / 609 m  
Location: 40.495300 -3.560200  
Magnetic Var: 0.082 E

## METAR

LEMD 220330Z 00000KT 9999 SCT065 08/06 Q1018 NOSIG

## TAF

TAF LEMD 212300Z 2200/2306 VRB03KT CAVOK TX24/2215Z TN10/2206Z BECMG 2210/2212 23010KT BECMG 2217/2219 31008KT

## 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	142.22		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