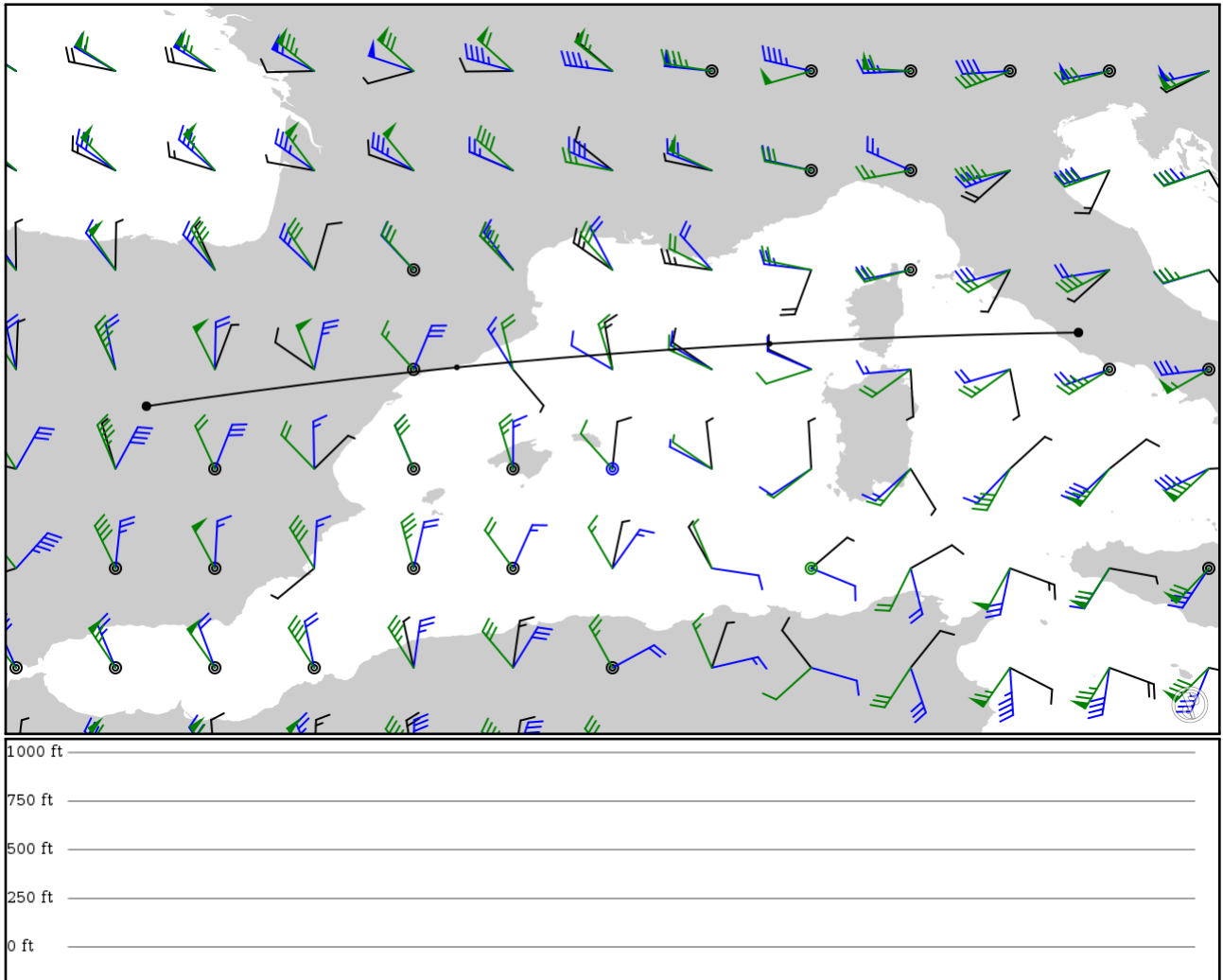


2024/05/12 0343Z

LEMD ASTEK GARPU R1815 LIRA

732.96 nm / 1357.44 km



## Notes

Generated

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LEMD	-	40.53262	0 ft	-	-
APT	-	-3.55938	0 m		
ASTEK	-	41.20526	0 ft	247	-
FIX	-	1.81975	0 m		
GARPU	-	41.61389	0 ft	245	-
FIX	-	7.23667	0 m		
R1815	-	41.80806	0 ft	240	-
FIX	-	12.58883	0 m		
LIRA	-	41.80806	0 ft	0	-
APT	-	12.58883	0 m		

## 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 120330Z 34004KT CAVOK 13/07 Q1016 NOSIG

## TAF

TAF LEMD 112300Z 1200/1306 VRB04KT 9999 FEW040 TX28/1215Z TN11/1206Z BECMG 1212/1214 29007KT TEMPO 1218/1223 3501

## 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

## LIRA

Region: ITALY  
Timezone: EUROPE/ROME  
Runways: 1

Elevation: 424 ft / 129 m  
Location: 41.799200 12.594900  
Magnetic Var: 3.727 E

## METAR

LIRA 120320Z 07002KT CAVOK 15/08 Q1018

## TAF

TAF LIRA 112300Z 1200/1224 VRB05KT 9999 FEW040 BECMG 1210/1212 22010KT BECMG 1217/1219 VRB05KT

## Frequencies

REC - 122.42 MHz - ATIS	GND - 121.75 MHz - CIAMPINO GROUND
TWR - 122.10 MHz - CIAMPINO TOWER	TWR - 120.50 MHz - CIAMPINO TOWER
CLD - 119.40 MHz - CLEARANCE DELIVERY	APP - 125.50 MHz - ROMA APPROACH
APP - 127.95 MHz - ROMA APPROACH	DEP - 130.90 MHz - ROMA DEPARTURE
DEP - 131.10 MHz - ROMA DEPARTURE	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15	151 ft	7,235 ft	152.77	ASPHALT	0 ft	0 ft
	46 m	2,205 m	149.04		0 m	0 m
33	151 ft	7,235 ft	332.78	ASPHALT	0 ft	0 ft
	46 m	2,205 m	329.05		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
15	LOC-ILS	CIA	109.90 MHz	18 nm	152.78	-	425 ft
				33 km	149.05		425 m
15	GS	CIA	109.90 MHz	10 nm	152.78	3.00	425 ft
				19 km	149.05		425 m