EDDF
Frankfurt am Main

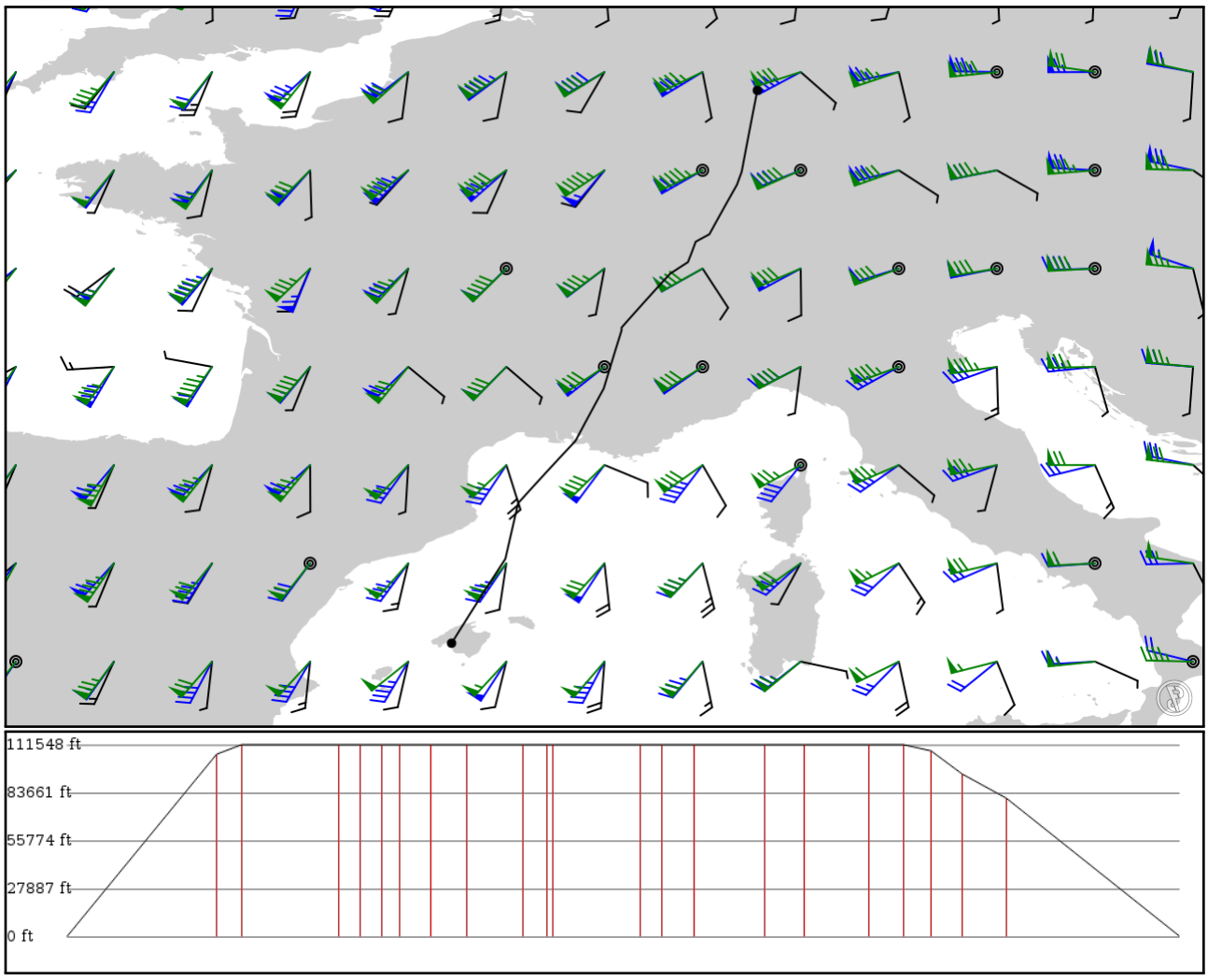
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LEPA
Palma De Mallorca

2024/03/29 0554Z

EDDF HERBI **Y164** OLBEN **UN869** LUTIX ULMES FRI **Z61** SOSAL **UT45** RISOR BALSI **UN852** VERSO LEPA

689.62 nm / 1277.17 km



Notes

Basic altitude profile:
- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 34000ft
- Cruise Speed: 400kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:
- Use NATs: yes
- Use PACOTS: yes
- Use low airways: no
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EDDF APT	–	50.03260 8.54064	0 ft 0 m	–	Frankfurt am Main
HERBI FIX	–	48.49083 8.24361	32,300 ft 9,845 m	93	–
MOPAN FIX	Y164 AWY-HI	48.24639 8.15444	34,000 ft 10,363 m	15	–
OLBEN FIX	Y164 AWY-HI	47.30444 7.62944	34,000 ft 10,363 m	60	–
LUTIX FIX	UN869 AWY-HI	47.16500 7.37056	34,000 ft 10,363 m	13	–
ULMES FIX	–	46.95500 7.29250	34,000 ft 10,363 m	13	–
FRI VOR	–	46.77758 7.22350	34,000 ft 10,363 m	11	FRIBOURG VOR-DME
SOSAL FIX	Z61 AWY-HI	46.55806 6.88444	34,000 ft 10,363 m	19	–
VENAT FIX	UT45 AWY-HI	46.24417 6.59667	34,000 ft 10,363 m	22	–
ASLEG FIX	UT45 AWY-HI	45.75250 6.15417	34,000 ft 10,363 m	34	–
RISOR FIX	UT45 AWY-HI	45.53833 5.96417	34,000 ft 10,363 m	15	–
BALSI FIX	–	45.47750 5.96083	34,000 ft 10,363 m	3	–
KOTIT FIX	UN852 AWY-HI	44.60250 5.69083	34,000 ft 10,363 m	53	–
RETNO FIX	UN852 AWY-HI	44.38000 5.62361	34,000 ft 10,363 m	13	–
GIROL FIX	UN852 AWY-HI	44.07139 5.45472	34,000 ft 10,363 m	19	–
MTG VOR	UN852 AWY-HI	43.38631 5.08683	34,000 ft 10,363 m	44	MARTIGUES VOR-DME
DIVKO FIX	UN852 AWY-HI	43.05611 4.77694	34,000 ft 10,363 m	24	–
KOTOP FIX	UN852 AWY-HI	42.50444 4.26806	34,000 ft 10,363 m	40	–
MAMES FIX	UN852 AWY-HI	42.20917 4.00028	34,000 ft 10,363 m	21	–
PIVUS FIX	UN852 AWY-HI	41.92390 3.93375	32,900 ft 10,028 m	17	–
MAROT FIX	UN852 AWY-HI	41.60567 3.86024	28,800 ft 8,778 m	19	–
VERSO FIX	UN852 AWY-HI	41.15298 3.75693	24,500 ft 7,468 m	27	–
LEPA APT	–	39.55254 2.73496	0 ft 0 m	106	Palma De Mallorca

EDDF

Region: GERMANY - CIVIL
Timezone: EUROPE/BERLIN
Runways: 4

Elevation: 362 ft / 110 m
Location: 50.032600 8.540670
Magnetic Var: 3.158 E

METAR

EDDF 290520Z AUTO 09004KT 040V120 9999 -RA FEW046 06/05 Q0997 TEMPO RA

TAF

TAF AMD EDDF 290049Z 2900/3006 04005KT CAVOK BECMG 2902/2906 12005KT BKN045 PROB40 TEMPO 2903/2919 RA BKN014 BECMG

Frequencies

REC - 118.02 MHz - ATIS ARRIVAL
GND - 121.80 MHz - GROUND
GND - 121.70 MHz - APRON RAMP/TAXI
GND - 121.85 MHz - APRON RAMP/TAXI
TWR - 118.77 MHz - TOWER
TWR - 124.85 MHz - TOWER
TWR - 136.50 MHz - TOWER
APP - 127.27 MHz - FRANKFURT DIRECT
APP - 125.35 MHz - LANGEN RADAR
APP - 120.80 MHz - LANGEN RADAR
APP - 136.12 MHz - LANGEN RADAR

REC - 118.72 MHz - ATIS DEPARTURE
GND - 121.65 MHz - APRON RAMP/TAXI
GND - 121.95 MHz - APRON RAMP/TAXI
GND - 121.75 MHz - APRON RAMP/TAXI
TWR - 119.90 MHz - TOWER
TWR - 127.32 MHz - TOWER
CLD - 121.90 MHz - CLEARANCE DELIVERY
APP - 118.50 MHz - FRANKFURT DIRECT
APP - 126.55 MHz - LANGEN RADAR
APP - 120.15 MHz - LANGEN RADAR
APP - 119.02 MHz - LANGEN RADAR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07L	148 ft 45 m	9,194 ft 2,802 m	69.56 66.40	CONCRETE	0 ft 0 m	0 ft 0 m
25R	148 ft 45 m	9,194 ft 2,802 m	249.59 246.43	CONCRETE	0 ft 0 m	0 ft 0 m
07C	197 ft 60 m	13,134 ft 4,003 m	69.57 66.41	ASPHALT	0 ft 0 m	203 ft 62 m
25C	197 ft 60 m	13,134 ft 4,003 m	249.61 246.45	ASPHALT	0 ft 0 m	935 ft 285 m
07R	148 ft 45 m	13,134 ft 4,003 m	69.59 66.43	ASPHALT	0 ft 0 m	213 ft 65 m
25L	148 ft 45 m	13,134 ft 4,003 m	249.63 246.47	ASPHALT	0 ft 0 m	1,775 ft 541 m
18	148 ft 45 m	13,083 ft 3,988 m	179.64 176.48	ASPHALT	0 ft 0 m	0 ft 0 m
36	148 ft 45 m	13,083 ft 3,988 m	359.64 356.48	ASPHALT	0 ft 0 m	121 ft 37 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	DME	IFNE	111.75 MHz	18 nm 33 km	- -	-	357 ft 357 m
25C	DME	IFCW	111.55 MHz	18 nm 33 km	- -	-	364 ft 364 m
25R	DME	IFNW	111.35 MHz	18 nm 33 km	- -	-	357 ft 357 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07C	LOC-ILS	IFCE	110.55 MHz	18 nm	69.59	-	362 ft
				33 km	66.43		362 m
07L	LOC-ILS	IFNE	111.75 MHz	18 nm	69.58	-	362 ft
				33 km	66.42		362 m
07R	LOC-ILS	IFSE	110.95 MHz	18 nm	69.61	-	362 ft
				33 km	66.45		362 m
25C	LOC-ILS	IFCW	111.55 MHz	18 nm	249.59	-	362 ft
				33 km	246.43		362 m
25L	LOC-ILS	IFSW	111.15 MHz	18 nm	249.61	-	362 ft
				33 km	246.45		362 m
25R	LOC-ILS	IFNW	111.35 MHz	18 nm	249.58	-	362 ft
				33 km	246.42		362 m
07C	GS	IFCE	110.55 MHz	10 nm	69.59	3.00	362 ft
				19 km	66.43		362 m
07L	GS	IFNE	111.75 MHz	10 nm	69.58	3.00	362 ft
				19 km	66.42		362 m
07R	GS	IFSE	110.95 MHz	10 nm	69.61	3.00	362 ft
				19 km	66.45		362 m
25C	GS	IFCW	111.55 MHz	10 nm	249.59	3.00	362 ft
				19 km	246.43		362 m
25L	GS	IFSW	111.15 MHz	10 nm	249.61	3.00	362 ft
				19 km	246.45		362 m
25R	GS	IFNW	111.35 MHz	10 nm	249.58	3.00	362 ft
				19 km	246.42		362 m

LEPA

Region: SPAIN
Timezone: EUROPE/MADRID
Runways: 2

Elevation: 24 ft / 7 m
Location: 39.551700 2.738890
Magnetic Var: 1.665 E

METAR

LEPA 290530Z 18006KT 150V240 9999 FEW020 15/11 Q1004 NOSIG

TAF

TAF LEPA 282300Z 2900/2924 17006KT 9999 FEW020 TX21/2913Z TN12/2906Z TEMPO 2900/2905 17012KT BECMG 2909/2911 1801

Frequencies

APP - 118.95 MHz - PALMA APPROACH
APP - 119.40 MHz - PALMA APPROACH
TWR - 118.30 MHz - PALMA TOWER
TWR - 122.10 MHz - PALMA MILITARY TOWER
GND - 121.90 MHz - PALMA GROUND
CLD - 123.80 MHz - PALMA DELIVERY

APP - 119.15 MHz - PALMA APPROACH
APP - 369.42 MHz - PALMA MILITARY
TWR - 118.45 MHz - PALMA TOWER
GND - 121.70 MHz - PALMA GROUND
REC - 119.25 MHz - PALMA ATIS

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06R	148 ft 45 m	9,829 ft 2,996 m	58.48 56.82	ASPHALT	1,332 ft 406 m	0 ft 0 m
24L	148 ft 45 m	9,829 ft 2,996 m	238.50 236.84	ASPHALT	0 ft 0 m	0 ft 0 m
06L	148 ft 45 m	10,713 ft 3,265 m	58.46 56.80	ASPHALT	0 ft 0 m	256 ft 78 m
24R	148 ft 45 m	10,713 ft 3,265 m	238.48 236.82	ASPHALT	226 ft 69 m	0 ft 0 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06L	DME	PLM	110.90 MHz	18 nm 33 km	- -	-	23 ft 23 m
24L	DME	IPAL	109.30 MHz	18 nm 33 km	- -	-	56 ft 56 m
06L	LOC-ILS	PLM	110.90 MHz	18 nm 33 km	58.47 56.80	-	24 ft 24 m
24L	LOC-ILS	IPAL	109.30 MHz	18 nm 33 km	238.50 236.83	-	24 ft 24 m
24R	LOC-ILS	PAA	109.90 MHz	18 nm 33 km	238.47 236.80	-	24 ft 24 m
06L	GS	PLM	110.90 MHz	10 nm 19 km	58.47 56.80	3.00	24 ft 24 m
24L	GS	IPAL	109.30 MHz	10 nm 19 km	238.50 236.83	3.00	24 ft 24 m
24R	GS	PAA	109.90 MHz	10 nm 19 km	238.47 236.80	3.00	24 ft 24 m