

LIRP

PISA

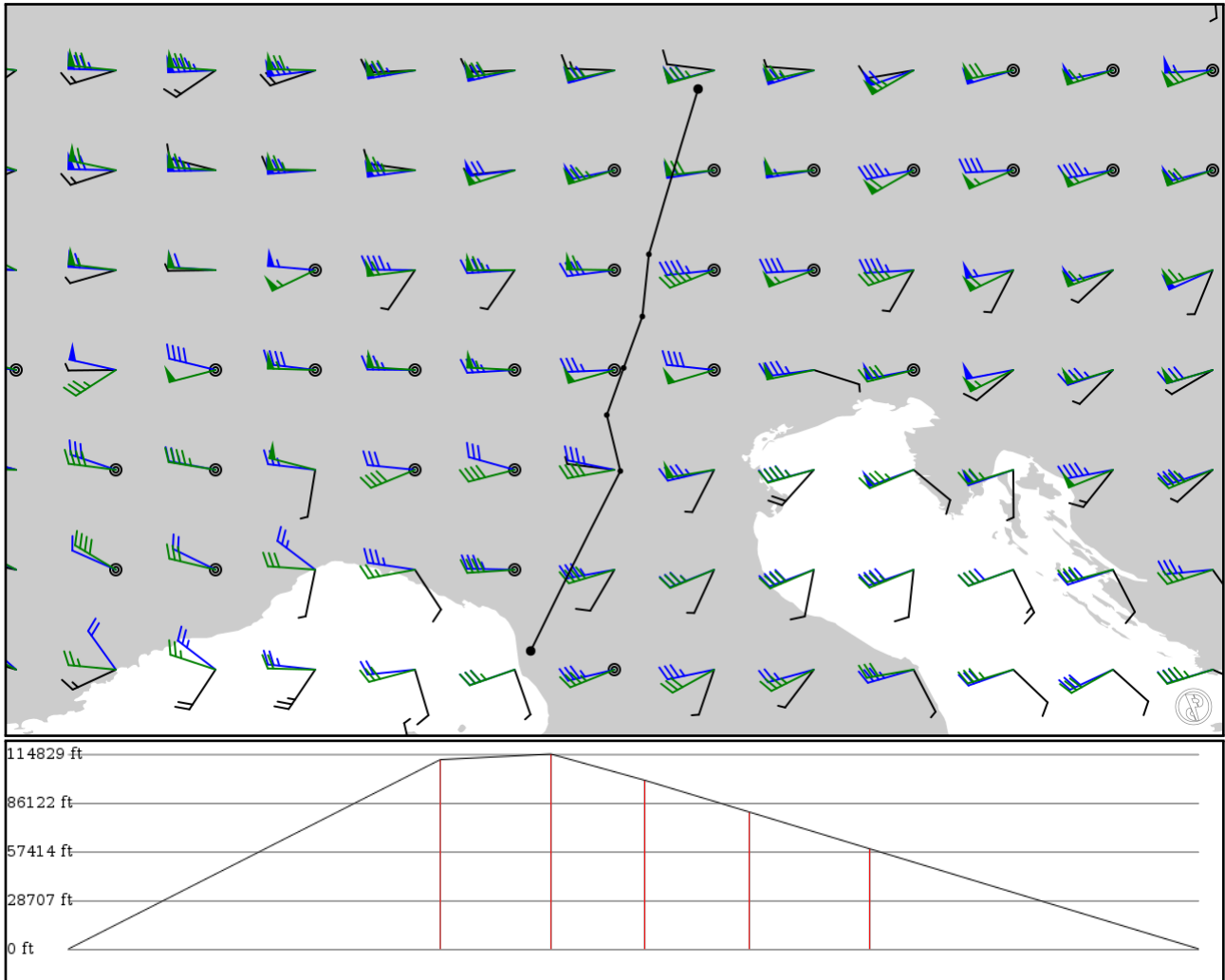
EDDM

Muenchen Franz-Josef Strauss

2024/05/02 1429Z

LIRP OSTEG **M738** ADOSA **W93** BZO **M726** BRENO EDDM

289.64 nm / 536.41 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 25000ft
- 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
LIRP	-	43.68388	0 ft	-	PISA
APT	-	10.39272	0 m		
OSTEG	-	45.17861	34,000 ft	95	-
FIX	-	11.13889	10,363 m		
ADOSA	M738	45.64444	35,000 ft	28	-
FIX	AWY-LO	11.02639	10,668 m		
BORMI	W93	46.03611	30,300 ft	24	-
FIX	AWY-LO	11.16667	9,235 m		
BZO	W93	46.46389	24,600 ft	26	BOLZANO NDB
NDB	AWY-LO	11.32222	7,498 m		
BRENO	M726	46.98000	18,000 ft	31	-
FIX	AWY-LO	11.37667	5,486 m		
EDDM	-	48.35379	0 ft	84	Muenchen Franz-Josef Strauss
APT	-	11.78612	0 m		

LIRP

Region: ITALY
Timezone: EUROPE/ROME
Runways: 2

Elevation: 4 ft / 1 m
Location: 43.682800 10.395600
Magnetic Var: 3.406 E

METAR

LIRP 021345Z 25015KT 9999 SCT030 SCT060 15/12 Q1008 NOSIG

TAF

TAF LIRP 021100Z 0212/0312 VRB05KT 8000 RA SCT020 PROB30 TEMPO 0212/0218 20015G25KT 3000 TSRA FEW015CB SCT030 PROB

Frequencies

GND - 121.60 MHz - PISA GROUND
TWR - 119.10 MHz - PISA TOWER
APP - 122.10 MHz - PISA APPROACH

TWR - 122.10 MHz - PISA TOWER
APP - 124.27 MHz - PISA APPROACH
APP - 126.07 MHz - PISA APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
04R	148 ft	9,825 ft	36.73	ASPHALT	463 ft	0 ft
	45 m	2,995 m	33.32		141 m	0 m
22L	148 ft	9,825 ft	216.74	ASPHALT	833 ft	190 ft
	45 m	2,995 m	213.33		254 m	58 m
04L	148 ft	8,984 ft	36.71	ASPHALT	791 ft	0 ft
	45 m	2,738 m	33.31		241 m	0 m
22R	148 ft	8,984 ft	216.73	ASPHALT	0 ft	190 ft
	45 m	2,738 m	213.32		0 m	58 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04R	LOC-ILS	IPI	109.70 MHz	18 nm	36.76	-	7 ft
				33 km	33.36		7 m
04R	GS	IPI	109.70 MHz	10 nm	37.45	3.00	3 ft
				19 km	34.04		3 m

EDDM

Region: GERMANY - CIVIL
Timezone: EUROPE/BERLIN
Runways: 2

Elevation: 1,484 ft / 452 m
Location: 48.353800 11.786100
Magnetic Var: 3.938 E

METAR

EDDM 021420Z AUTO 26007KT CAVOK 22/08 Q0998 TEMPO 26015G25KT TSRA

TAF

TAF TAF EDDM 021100Z 0212/0318 11010KT CAVOK BECMG 0212/0215 20009KT TEMPO 0213/0216 24020G40KT TSRA SCT045CB BECMG 0216/0218 20009KT TEMPO 0218/0221 24020G40KT TSRA

Frequencies

REC - 123.12 MHz - MUENCHEN ATIS	COM - 122.80 MHz - MUENCHEN UNICOM
CLD - 121.72 MHz - MUENCHEN DELIVERY	GND - 121.97 MHz - MUENCHEN GROUND NORTH
GND - 121.82 MHz - MUENCHEN GROUND SOUTH	GND - 121.77 MHz - MUENCHEN APRON 1
GND - 121.70 MHz - MUENCHEN APRON 2	GND - 121.92 MHz - MUENCHEN APRON 3
TWR - 120.50 MHz - MUENCHEN TOWER SOUTH	TWR - 118.70 MHz - MUENCHEN TOWER NORTH
APP - 123.90 MHz - MUENCHEN RADAR NORTH	APP - 127.95 MHz - MUENCHEN RADAR SOUTH
APP - 128.25 MHz - MUENCHEN ARRIVAL NORTH	APP - 120.77 MHz - MUENCHEN ARRIVAL SOUTH
APP - 118.82 MHz - MUENCHEN DIRECTOR NORTH	APP - 132.30 MHz - MUENCHEN DIRECTOR SOUTH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08L	197 ft	13,135 ft	83.39	CONCRETE	0 ft	0 ft
	60 m	4,004 m	79.45		0 m	0 m
26R	197 ft	13,135 ft	263.43	CONCRETE	0 ft	0 ft
	60 m	4,004 m	259.49		0 m	0 m
08R	197 ft	13,135 ft	83.37	CONCRETE	0 ft	0 ft
	60 m	4,004 m	79.43		0 m	0 m
26L	197 ft	13,135 ft	263.41	CONCRETE	0 ft	0 ft
	60 m	4,004 m	259.48		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	LOC-ILS	IMNE	109.50 MHz	18 nm	83.41	-	1,484 ft
				33 km	79.47		1,484 m
08R	LOC-ILS	IMSE	109.30 MHz	18 nm	83.39	-	1,484 ft
				33 km	79.45		1,484 m
26L	LOC-ILS	IMSW	108.30 MHz	18 nm	263.39	-	1,484 ft
				33 km	259.45		1,484 m
26R	LOC-ILS	IMNW	108.70 MHz	18 nm	263.41	-	1,484 ft
				33 km	259.47		1,484 m
08L	GS	IMNE	109.50 MHz	10 nm	83.41	3.00	1,484 ft
				19 km	79.47		1,484 m
08R	GS	IMSE	109.30 MHz	10 nm	83.39	3.00	1,484 ft
				19 km	79.45		1,484 m
26L	GS	IMSW	108.30 MHz	10 nm	263.39	3.00	1,484 ft
				19 km	259.45		1,484 m
26R	GS	IMNW	108.70 MHz	10 nm	263.41	3.00	1,484 ft
				19 km	259.47		1,484 m