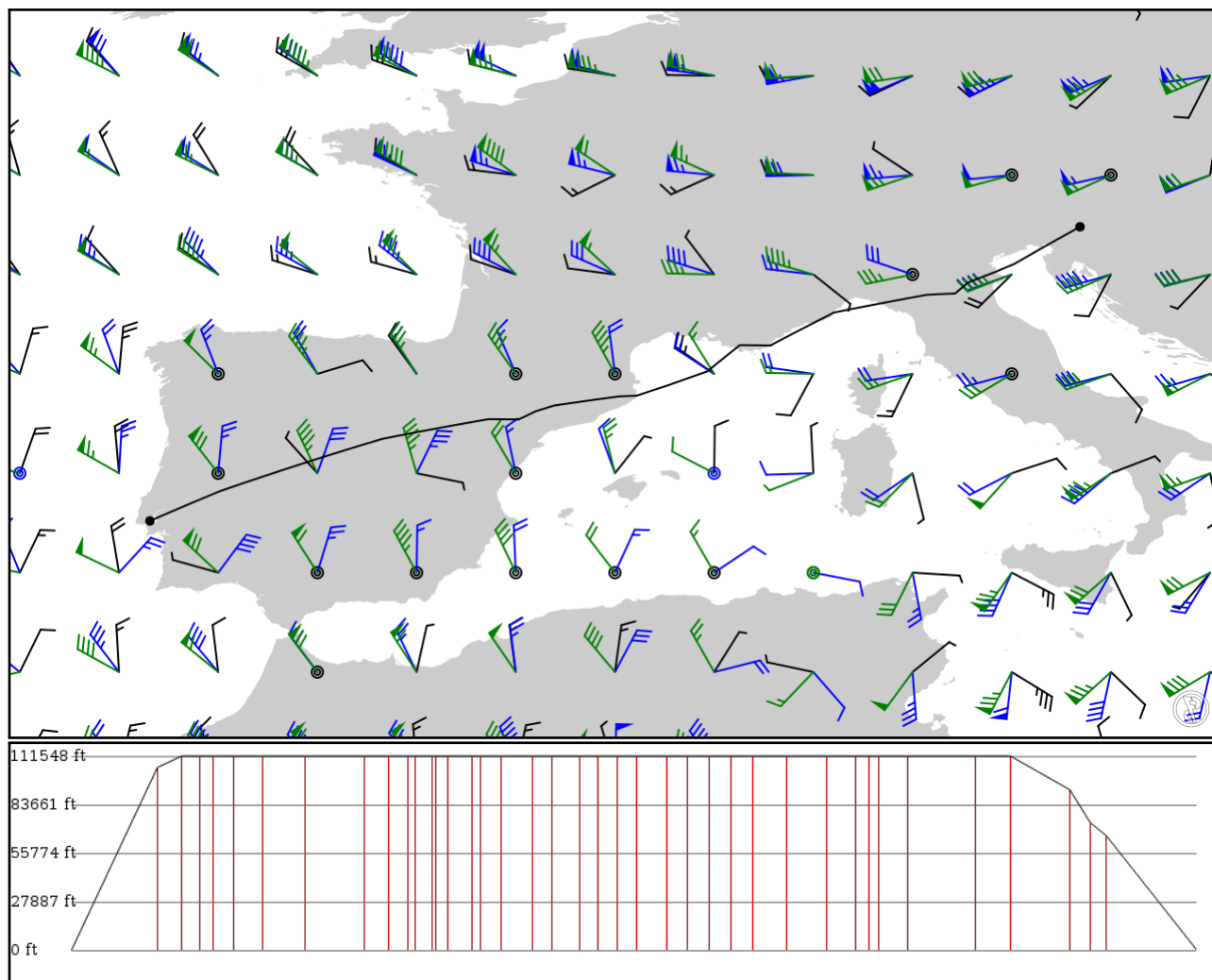


2024/05/13 1544Z

LJLJ TULIK **M859** LUPOS **Z713** ABN **UM985** STP **UT24** ADITA **UN870** SOSUR **N86** MAMES **G7** BGR **H110** SEROX **R870**  
BRITO **UN870** PINAR **R870** RBO **UN870** PORLI LPPT

1166.36 nm / 2160.10 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
LJLJ	-	46.22368	0 ft	-	LJUBLJANA
APT	-	14.45761	0 m		
TULIK	-	45.28389	32,000 ft	89	-
FIX	-	12.78917	9,754 m		
CHI	M859	45.07109	34,000 ft	25	CHIOGGIA VOR-DME
VOR	AWY-LO	12.28140	10,363 m		
ROVIG	M859	44.92389	34,000 ft	18	-
FIX	AWY-LO	11.89750	10,363 m		
FER	M859	44.81444	34,000 ft	13	FERRARA NDB
NDB	AWY-LO	11.61639	10,363 m		
BOA	M859	44.53694	34,000 ft	21	BOLOGNA VOR-DME
VOR	AWY-LO	11.29055	10,363 m		
LUPOS	M859	44.50472	34,000 ft	30	-
FIX	AWY-LO	10.58139	10,363 m		
KALMO	Z713	44.32167	34,000 ft	43	-
FIX	AWY-LO	9.59417	10,363 m		
ABN	Z713	44.05583	34,000 ft	61	ALBENGA NDB
NDB	AWY-LO	8.22111	10,363 m		
NOSTA	UM985	43.81944	34,000 ft	24	-
FIX	AWY-HI	7.75528	10,363 m		
PIGOS	UM985	43.62222	34,000 ft	20	-
FIX	AWY-HI	7.37111	10,363 m		
NARTI	UM985	43.54917	34,000 ft	7	-
FIX	AWY-HI	7.23000	10,363 m		
RAPED	UM985	43.37333	34,000 ft	18	-
FIX	AWY-HI	6.89333	10,363 m		
TIXIT	UM985	43.34611	34,000 ft	2	-
FIX	AWY-HI	6.84167	10,363 m		
STP	UM985	43.21947	34,000 ft	12	SAINT TROPEZ VOR-DME
VOR	AWY-HI	6.60181	10,363 m		
TURIL	UT24	43.22667	34,000 ft	25	-
FIX	AWY-HI	6.02389	10,363 m		
ADITA	UT24	43.22861	34,000 ft	8	-
FIX	AWY-HI	5.82889	10,363 m		
ROTIS	UN870	42.96667	34,000 ft	21	-
FIX	AWY-HI	5.50000	10,363 m		
SOSUR	UN870	42.56028	34,000 ft	32	-
FIX	AWY-HI	4.99750	10,363 m		
BALMO	N86	42.41667	34,000 ft	20	-
FIX	AWY-LO	4.58528	10,363 m		
MAMES	N86	42.20917	34,000 ft	28	-
FIX	AWY-LO	4.00028	10,363 m		
BISBA	G7	42.08639	34,000 ft	18	-
FIX	AWY-LO	3.62580	10,363 m		
BGR	G7	41.94769	34,000 ft	20	BAGUR VOR-DME
VOR	AWY-LO	3.20886	10,363 m		
GIR	H110	41.93118	34,000 ft	19	GERONA VOR-DME
VOR	AWY-LO	2.77197	10,363 m		
MAMUK	H110	41.83676	34,000 ft	31	-
FIX	AWY-LO	2.07209	10,363 m		
LATRO	H110	41.77168	34,000 ft	20	-
FIX	AWY-LO	1.61830	10,363 m		
REBUL	H110	41.69791	34,000 ft	23	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	1.11348	10,363 m		
LRD	H110	41.55293	34,000 ft	22	LERIDA NDB
NDB	AWY-LO	0.64802	10,363 m		
SEROX	H110	41.34669	34,000 ft	22	-
FIX	AWY-LO	0.21869	10,363 m		
PONEN	R870	41.35389	34,000 ft	34	-
FIX	AWY-LO	-0.54762	10,363 m		
KOTEX	R870	41.19368	34,000 ft	42	-
FIX	AWY-LO	-1.45501	10,363 m		
BRITO	R870	41.07907	34,000 ft	29	-
FIX	AWY-LO	-2.07802	10,363 m		
SEGRE	UN870	41.02283	34,000 ft	13	-
FIX	AWY-HI	-2.37646	10,363 m		
PINAR	UN870	40.98029	34,000 ft	10	-
FIX	AWY-HI	-2.59917	10,363 m		
RBO	R870	40.85387	34,000 ft	30	ROBLEDILLO VOR-DME
VOR	AWY-LO	-3.24663	10,363 m		
DIPOL	UN870	40.41646	34,000 ft	70	-
FIX	AWY-HI	-4.67629	10,363 m		
ZORBA	UN870	40.18807	34,000 ft	35	-
FIX	AWY-HI	-5.39387	10,363 m		
RAKOD	UN870	39.78082	28,100 ft	61	-
FIX	AWY-HI	-6.62851	8,565 m		
RODAP	UN870	39.63243	22,300 ft	22	-
FIX	AWY-HI	-7.06529	6,797 m		
PORLI	UN870	39.52889	20,100 ft	15	-
FIX	AWY-HI	-7.36639	6,126 m		
LPPT	-	38.77856	0 ft	93	Lisboa
APT	-	-9.13515	0 m		

## LJLJ

Region: SLOVENIA  
Timezone: EUROPE/LJUBLJANA  
Runways: 1

Elevation: 1,271 ft / 387 m  
Location: 46.223700 14.457600  
Magnetic Var: 4.394 E

## METAR

LJLJ 131530Z 16003KT 120V190 9999 FEW025TCU BKN065 BKN140 16/14 Q1015 NOSIG

## TAF

TAF LJLJ 131100Z 1312/1412 14003KT 9999 FEW020 BKN060 TEMPO 1312/1412 SHRA SCT020TCU BKN060 PROB30 TEMPO 1312/1314

## Frequencies

REC - 128.18 MHz - LJUBLJANA ATIS	GND - 121.62 MHz - LJUBLJANA GROUND
TWR - 118.00 MHz - LJUBLJANA TOWER	TWR - 118.75 MHz - LJUBLJANA TOWER
APP - 135.27 MHz - LJUBLJANA APP	APP - 136.00 MHz - LJUBLJANA APP

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
12	148 ft	10,838 ft	126.47	ASPHALT	0 ft	0 ft
	45 m	3,303 m	122.08		0 m	0 m
30	148 ft	10,838 ft	306.50	ASPHALT	0 ft	0 ft
	45 m	3,303 m	302.11		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
30	DME	LJB	110.50 MHz	18 nm	-	-	1,198 ft
				33 km	-		1,198 m
30	LOC-ILS	LJB	110.50 MHz	18 nm	306.49	-	1,271 ft
				33 km	302.10		1,271 m
30	GS	LJB	110.50 MHz	10 nm	306.49	3.00	1,271 ft
				19 km	302.10		1,271 m

## LPPT

Region: PORTUGAL  
Timezone: EUROPE/LISBON  
Runways: 2

Elevation: 374 ft / 114 m  
Location: 38.778800 -9.135190  
Magnetic Var: 1.568 W

## METAR

LPPT 131530Z 30010KT 270V350 8000 -RA FEW007 BKN012 18/16 Q1014

## TAF

TAF LPPT 131100Z 1312/1418 29010KT 9999 FEW012 BKN020 PROB40 TEMPO 1312/1319 5000 -RADZ BR SCT004 BKN008 BECMG 131

## 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