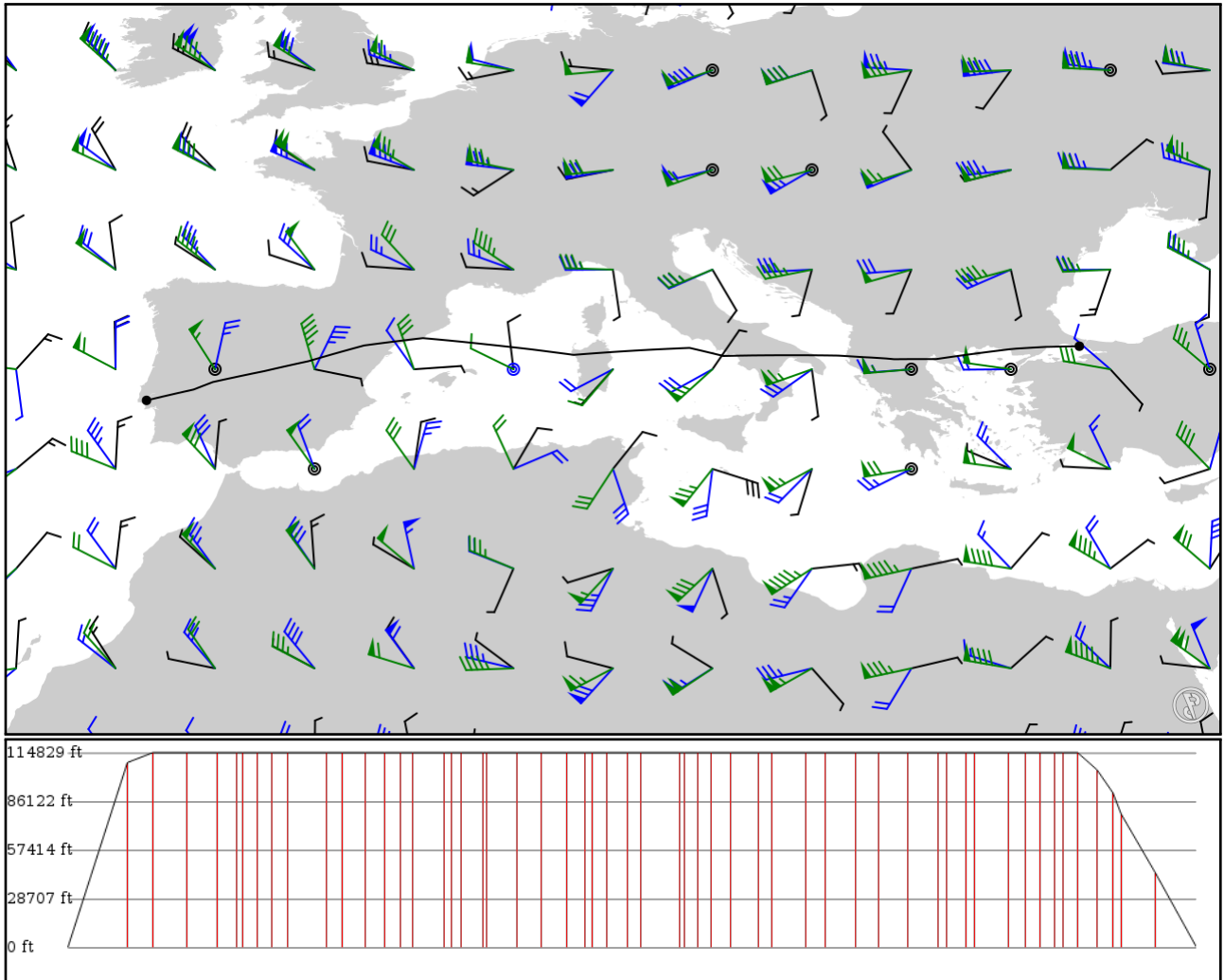


2024/05/04 1645Z

LPPT ELVAR **UN975** BCN **UM601** ALG **UM603** GOLDO **UG12** EKI LTBA

1764.08 nm / 3267.08 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: no
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LPPT	-	38.77856	0 ft	-	Lisboa
APT	-	-9.13515	0 m		
ELVAR	-	39.21945	33,200 ft	93	-
FIX	-	-7.22332	10,119 m		
CCS	UN975	39.52451	35,000 ft	40	CACERES VOR-DME
VOR	AWY-HI	-6.43474	10,668 m		
MELON	UN975	39.76671	35,000 ft	53	-
FIX	AWY-HI	-5.31872	10,668 m		
TLD	UN975	39.96946	35,000 ft	46	TOLEDO VOR-DME
VOR	AWY-HI	-4.33747	10,668 m		
GOTOR	UN975	40.11077	35,000 ft	29	-
FIX	AWY-HI	-3.72450	10,668 m		
VISON	UN975	40.16102	35,000 ft	10	-
FIX	AWY-HI	-3.50247	10,668 m		
PALIO	UN975	40.26216	35,000 ft	21	-
FIX	AWY-HI	-3.04831	10,668 m		
CJN	UN975	40.37196	35,000 ft	23	CASTEJON VOR-DME
VOR	AWY-HI	-2.54461	10,668 m		
ADUXO	UN975	40.51234	35,000 ft	23	-
FIX	AWY-HI	-2.06429	10,668 m		
TOBAL	UN975	40.87101	35,000 ft	61	-
FIX	AWY-HI	-0.79264	10,668 m		
RAMON	UN975	41.00925	35,000 ft	24	-
FIX	AWY-HI	-0.28516	10,668 m		
SALAS	UN975	41.10974	35,000 ft	35	-
FIX	AWY-HI	0.47636	10,668 m		
SELVA	UN975	41.19617	35,000 ft	31	-
FIX	AWY-HI	1.16627	10,668 m		
ANTON	UN975	41.25985	35,000 ft	24	-
FIX	AWY-HI	1.69825	10,668 m		
BCN	UN975	41.30712	35,000 ft	18	BARCELONA VOR-DME
VOR	AWY-HI	2.10781	10,668 m		
SADEM	UM601	41.21027	35,000 ft	48	-
FIX	AWY-HI	3.17377	10,668 m		
SULID	UM601	41.18436	35,000 ft	12	-
FIX	AWY-HI	3.44139	10,668 m		
VERSO	UM601	41.15298	35,000 ft	14	-
FIX	AWY-HI	3.75693	10,668 m		
CHELY	UM601	41.07496	35,000 ft	34	-
FIX	AWY-HI	4.50546	10,668 m		
MUREN	UM601	41.05750	35,000 ft	7	-
FIX	AWY-HI	4.66667	10,668 m		
BALEN	UM601	40.94667	35,000 ft	46	-
FIX	AWY-HI	5.69000	10,668 m		
LUTTA	UM601	40.85500	35,000 ft	37	-
FIX	AWY-HI	6.49667	10,668 m		
GOBIS	UM601	40.74167	35,000 ft	40	-
FIX	AWY-HI	7.37833	10,668 m		
DESOG	UM601	40.66000	35,000 ft	29	-
FIX	AWY-HI	8.00667	10,668 m		
ALG	UM601	40.62806	35,000 ft	10	ALGHERO VORTAC
VOR	AWY-HI	8.24389	10,668 m		
MOROB	UM603	40.66583	35,000 ft	21	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	8.72306	10,668 m		
KOLUS	UM603	40.71806	35,000 ft	32	-
FIX	AWY-HI	9.44111	10,668 m		
SUKUN	UM603	40.75056	35,000 ft	21	-
FIX	AWY-HI	9.91111	10,668 m		
ROXAN	UM603	40.82972	35,000 ft	59	-
FIX	AWY-HI	11.21722	10,668 m		
POKAV	UM603	40.83972	35,000 ft	8	-
FIX	AWY-HI	11.39972	10,668 m		
TURMO	UM603	40.86111	35,000 ft	19	-
FIX	AWY-HI	11.83278	10,668 m		
ROTUN	UM603	40.88333	35,000 ft	21	-
FIX	AWY-HI	12.30556	10,668 m		
PNZ	UM603	40.91194	35,000 ft	29	PONZA VORTAC
VOR	AWY-HI	12.95750	10,668 m		
ISKIA	UM603	40.69083	35,000 ft	44	-
FIX	AWY-HI	13.89083	10,668 m		
SOR	UM603	40.58249	35,000 ft	21	SORRENTO VOR-DME
VOR	AWY-HI	14.33527	10,668 m		
VEGAN	UM603	40.60444	35,000 ft	51	-
FIX	AWY-HI	15.46917	10,668 m		
MATED	UM603	40.61056	35,000 ft	31	-
FIX	AWY-HI	16.16833	10,668 m		
MOKTO	UM603	40.61444	35,000 ft	45	-
FIX	AWY-HI	17.17417	10,668 m		
BRD	UM603	40.61083	35,000 ft	37	BRINDISI VORTAC
VOR	AWY-HI	18.00278	10,668 m		
GOKEL	UM603	40.59833	35,000 ft	45	-
FIX	AWY-HI	19.00000	10,668 m		
OVVER	UM603	40.53389	35,000 ft	47	-
FIX	AWY-HI	20.03250	10,668 m		
ADDER	UM603	40.52111	35,000 ft	12	-
FIX	AWY-HI	20.31278	10,668 m		
PINDO	UM603	40.48083	35,000 ft	29	-
FIX	AWY-HI	20.95583	10,668 m		
KAS	UM603	40.45099	35,000 ft	14	KASTORIA VOR-DME
VOR	AWY-HI	21.27541	10,668 m		
EDASI	UM603	40.45750	35,000 ft	52	-
FIX	AWY-HI	22.42750	10,668 m		
TSL	UM603	40.45694	35,000 ft	25	THESSALONIKI VOR-DME
VOR	AWY-HI	22.99111	10,668 m		
ARNAS	UM603	40.52806	35,000 ft	22	-
FIX	AWY-HI	23.48056	10,668 m		
PEREN	UM603	40.59667	35,000 ft	22	-
FIX	AWY-HI	23.96778	10,668 m		
ASKOS	UM603	40.63806	35,000 ft	14	-
FIX	AWY-HI	24.27028	10,668 m		
BERIL	UM603	40.70194	35,000 ft	22	-
FIX	AWY-HI	24.74861	10,668 m		
IDILO	UM603	40.79056	31,900 ft	31	-
FIX	AWY-HI	25.43944	9,723 m		
ALX	UM603	40.85500	27,800 ft	23	ALEXANDROUPOLIS VOR-DME
VOR	AWY-HI	25.95722	8,473 m		
GOLDO	UM603	40.88222	23,900 ft	13	-
FIX	AWY-HI	26.24944	7,285 m		
EKI	UG12	40.95194	13,400 ft	53	TEKIRDAG VOR-DME

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-HI	27.42667	4,084 m		
LTBA	-	40.97914	0 ft	62	Istanbul Ataturk
APT	-	28.81283	0 m		

LPPT

Region: PORTUGAL
Timezone: EUROPE/LISBON
Runways: 2

Elevation: 374 ft / 114 m
Location: 38.778800 -9.135190
Magnetic Var: 1.571 W

METAR

LPPT 041630Z 23013KT 9999 FEW003 BKN005 17/17 Q1018

TAF

TAF AMD LPPT 041503Z 0415/0518 21012KT 9999 SCT008 BKN020 TEMPO 0415/0518 2000 -RADZ BR SCT004 BKN008 BECMG 0418/0

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	204.16		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

LTBA

Region: TURKEY
Timezone: EUROPE/ISTANBUL
Runways: 1

Elevation: 163 ft / 50 m
Location: 40.976100 28.814200
Magnetic Var: 6.064 E

METAR

LTBA 041620Z 04007KT 9999 BKN025 BKN090 14/12 Q1007 RESHRA RMK RWY23 03008KT

TAF

TAF LTBA 041040Z 0412/0512 19007KT 9999 -SHRA BKN032 BKN090 TEMPO 0412/0416 05015KT 4000 SHRA VCTS FEW018CB BKN025

Frequencies

REC - 130.25 MHz - D-ATIS ARRIVAL	REC - 128.20 MHz - D-ATIS DEPARTURE
TWR - 118.02 MHz - YESILKOY TOWER	TWR - 118.10 MHz - YESILKOY TOWER
TWR - 118.17 MHz - YESILKOY TOWER	TWR - 118.37 MHz - YESILKOY TOWER
TWR - 119.80 MHz - YESILKOY TOWER	TWR - 121.35 MHz - YESILKOY TOWER
TWR - 121.60 MHz - YESILKOY TOWER	TWR - 121.97 MHz - YESILKOY TOWER
TWR - 123.52 MHz - YESILKOY TOWER	TWR - 125.30 MHz - YESILKOY TOWER
TWR - 125.90 MHz - YESILKOY TOWER	TWR - 126.05 MHz - YESILKOY TOWER
TWR - 126.80 MHz - YESILKOY TOWER	APP - 118.95 MHz - YESILKOY APPROACH
APP - 119.35 MHz - YESILKOY APPROACH	APP - 119.47 MHz - YESILKOY APPROACH
APP - 120.12 MHz - YESILKOY APPROACH	APP - 120.45 MHz - YESILKOY APPROACH
APP - 120.50 MHz - YESILKOY APPROACH	APP - 120.70 MHz - YESILKOY APPROACH
APP - 121.10 MHz - YESILKOY APPROACH	APP - 121.25 MHz - YESILKOY APPROACH
APP - 122.47 MHz - YESILKOY APPROACH	APP - 122.57 MHz - YESILKOY APPROACH
APP - 122.67 MHz - YESILKOY APPROACH	APP - 124.45 MHz - YESILKOY APPROACH
APP - 126.42 MHz - YESILKOY APPROACH	APP - 127.10 MHz - YESILKOY APPROACH
APP - 127.82 MHz - YESILKOY APPROACH	APP - 128.72 MHz - YESILKOY APPROACH
APP - 130.30 MHz - YESILKOY APPROACH	APP - 131.12 MHz - YESILKOY APPROACH
APP - 132.05 MHz - YESILKOY APPROACH	APP - 132.32 MHz - YESILKOY APPROACH
APP - 132.47 MHz - YESILKOY APPROACH	APP - 132.77 MHz - YESILKOY APPROACH
APP - 132.95 MHz - YESILKOY APPROACH	APP - 133.07 MHz - YESILKOY APPROACH
APP - 133.22 MHz - YESILKOY APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05	197 ft 60 m	8,513 ft 2,595 m	58.45 52.39	ASPHALT	492 ft 150 m	207 ft 63 m
23	197 ft 60 m	8,513 ft 2,595 m	238.47 232.40	ASPHALT	0 ft 0 m	197 ft 60 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05	DME	IIST	110.30 MHz	18 nm 33 km	- -	-	82 ft 82 m
23	DME	IATA	111.90 MHz	18 nm 33 km	- -	-	163 ft 163 m
05	LOC-ILS	IIST	110.30 MHz	18 nm 33 km	58.46 52.40	-	163 ft 163 m
23	LOC-ILS	IATA	111.90 MHz	18 nm 33 km	238.46 232.40	-	163 ft 163 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05	GS	IIST	110.30 MHz	10 nm	58.46	3.00	163 ft
				19 km	52.40		163 m
23	GS	IATA	111.90 MHz	10 nm	238.46	3.20	163 ft
				19 km	232.40		163 m