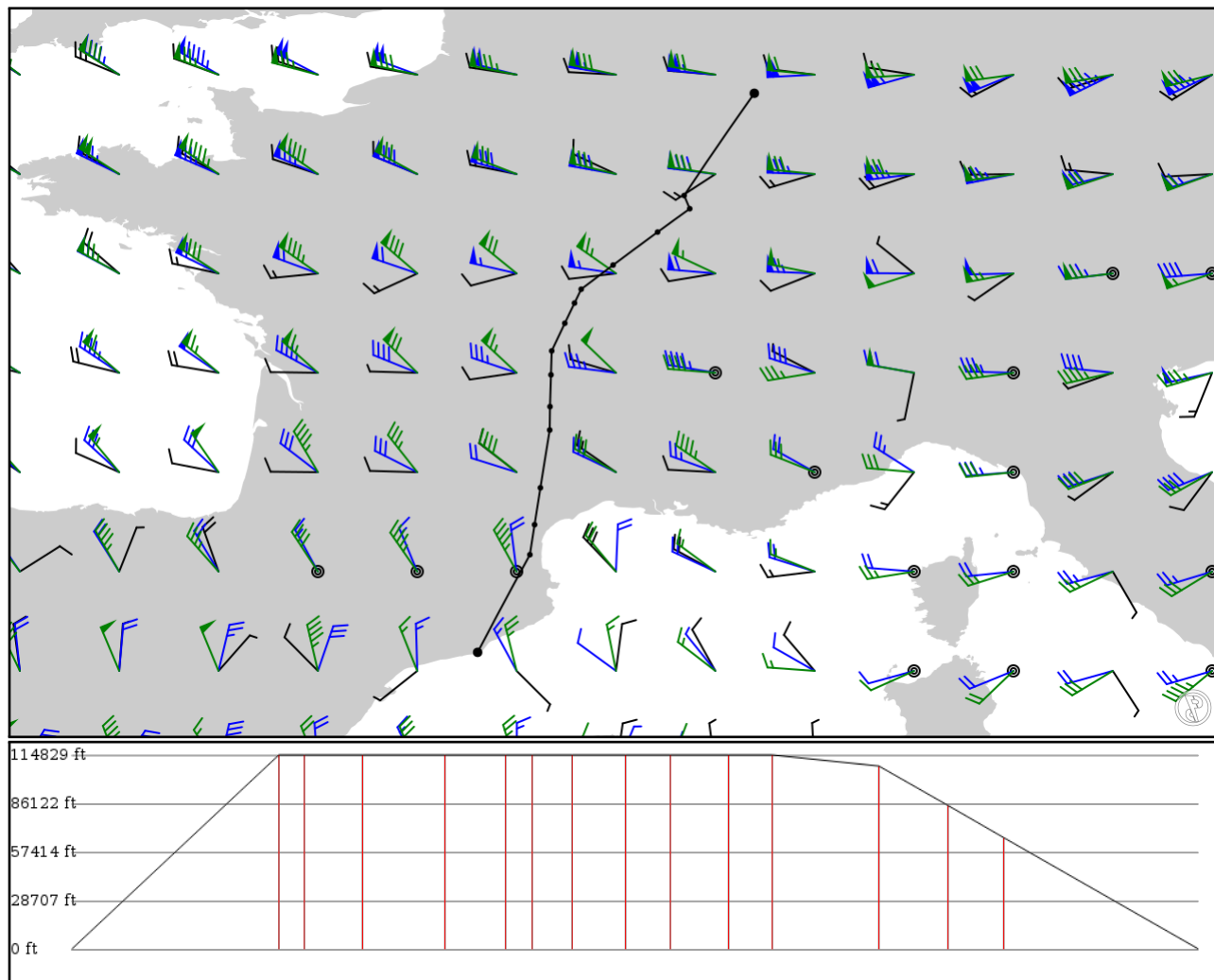


2024/05/03 0318Z

ELLX MANAG RLP **G21** MOU **A27** CFA **UY27** MEN **A27** SIJAN **UY27** PPG LEBL

545.63 nm / 1010.51 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
ELLX	-	49.62650	0 ft	-	Luxembourg
APT	-	6.21159	0 m		
MANAG	-	48.10310	35,000 ft	100	-
FIX	-	5.16583	10,668 m		
RLP	-	47.90630	35,000 ft	12	ROLAMPONT
VOR	-	5.24917	10,668 m		
KASON	G21	47.55830	35,000 ft	28	-
FIX	AWY-LO	4.77000	10,668 m		
CACHI	G21	47.06670	35,000 ft	40	-
FIX	AWY-LO	4.10667	10,668 m		
MOU	G21	46.70680	35,000 ft	29	MOULINS
VOR	AWY-LO	3.63167	10,668 m		
BAKNO	A27	46.50000	35,000 ft	13	-
FIX	AWY-LO	3.53139	10,668 m		
PESAN	A27	46.19920	35,000 ft	19	-
FIX	AWY-LO	3.38722	10,668 m		
CFA	A27	45.78750	35,000 ft	26	CLERMONT FERRAND AUVERGNE
VOR	AWY-LO	3.19219	10,668 m		
MALEB	UY27	45.43080	35,000 ft	21	-
FIX	AWY-HI	3.18139	10,668 m		
MOKDI	UY27	44.95690	35,000 ft	28	-
FIX	AWY-HI	3.16694	10,668 m		
MEN	UY27	44.60840	35,000 ft	20	MENDE
VOR	AWY-HI	3.16242	10,668 m		
BRUSC	A27	43.74750	33,000 ft	52	-
FIX	AWY-LO	3.02333	10,058 m		
SIJAN	A27	43.19750	25,900 ft	33	-
FIX	AWY-LO	2.93694	7,894 m		
PPG	UY27	42.75050	20,100 ft	27	PERPIGNAN RIVESALTES
VOR	AWY-HI	2.86714	6,126 m		
LEBL	-	41.29510	0 ft	94	Josep Tarradellas Barcelona-El Prat
APT	-	2.08803	0 m		

ELLX

Region: LUXEMBOURG

Timezone: EUROPE/LUXEMBOURG

Runways: 1

Elevation: 1,234 ft / 376 m

Location: 49.626500 6.211590

Magnetic Var: 2.525 E

METAR

ELLX 030250Z 25012KT 5000 -RA SCT004 OVC005 08/07 Q1008 NOSIG

TAF

TAF ELLX 022300Z 0300/0406 23012KT 9999 SCT010 BKN025 TEMPO 0300/0309 4000 -RA BR BKN010 PROB30 TEMPO 0301/0309 2500

Frequencies

REC - 134.75 MHz - LUXEMBOURG ATIS

TWR - 118.10 MHz - LUXEMBOURG TOWER

APP - 118.90 MHz - LUXEMBOURG APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06	197 ft	13,140 ft	60.19	ASPHALT	0 ft	0 ft
	60 m	4,005 m	57.66		0 m	0 m
24	197 ft	13,140 ft	240.22	ASPHALT	0 ft	171 ft
	60 m	4,005 m	237.70		0 m	52 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06	DME	ILE	109.90 MHz	18 nm	-	-	1,158 ft
				33 km	-		1,158 m
24	DME	ILW	110.70 MHz	18 nm	-	-	1,158 ft
				33 km	-		1,158 m
06	LOC-ILS	ILE	109.90 MHz	18 nm	60.17	-	1,233 ft
				33 km	57.64		1,233 m
24	LOC-ILS	ILW	110.70 MHz	18 nm	240.17	-	1,233 ft
				33 km	237.64		1,233 m
06	GS	ILE	109.90 MHz	10 nm	60.17	3.00	1,233 ft
				19 km	57.64		1,233 m
24	GS	ILW	110.70 MHz	10 nm	240.17	3.00	1,233 ft
				19 km	237.64		1,233 m

LEBL

Region: SPAIN
Timezone: EUROPE/MADRID
Runways: 3

Elevation: 14 ft / 4 m
Location: 41.295100 2.088030
Magnetic Var: 1.539 E

METAR

LEBL 030300Z 33009KT CAVOK 10/06 Q1017 NOSIG

TAF

TAF LEBL 022300Z 0300/0324 33007KT 9999 FEW040 TX19/0313Z TN09/0305Z BECMG 0309/0311 20010KT BECMG 0320/0322 VRB0

Frequencies

REC - 121.97 MHz - ATIS	REC - 118.65 MHz - ATIS
TWR - 118.32 MHz - BARCELONA TOWER	TWR - 118.10 MHz - BARCELONA TOWER
TWR - 122.82 MHz - BARCELONA TOWER	TWR - 122.10 MHz - BARCELONA TOWER
GND - 122.22 MHz - BARCELONA GROUND	GND - 121.70 MHz - BARCELONA GROUND
GND - 121.65 MHz - BARCELONA GROUND	CLD - 121.80 MHz - CLEARANCE DELIVERY
APP - 121.15 MHz - BARCELONA APPROACH	APP - 119.10 MHz - BARCELONA APPROACH
APP - 135.27 MHz - BARCELONA APPROACH	APP - 133.97 MHz - BARCELONA APPROACH
APP - 131.12 MHz - BARCELONA APPROACH	APP - 127.70 MHz - BARCELONA APPROACH
APP - 126.50 MHz - BARCELONA APPROACH	APP - 124.70 MHz - BARCELONA APPROACH
APP - 125.25 MHz - BARCELONA APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
02	148 ft	8,307 ft	18.91	ASPHALT	0 ft	0 ft
	45 m	2,532 m	17.37		0 m	0 m
20	148 ft	8,307 ft	198.92	ASPHALT	0 ft	226 ft
	45 m	2,532 m	197.38		0 m	69 m
07R	197 ft	8,722 ft	65.48	ASPHALT	0 ft	0 ft
	60 m	2,658 m	63.95		0 m	0 m
25L	197 ft	8,722 ft	245.50	ASPHALT	0 ft	0 ft
	60 m	2,658 m	243.96		0 m	0 m
07L	197 ft	10,984 ft	65.48	ASPHALT	1,401 ft	0 ft
	60 m	3,348 m	63.94		427 m	0 m
25R	197 ft	10,984 ft	245.50	ASPHALT	0 ft	0 ft
	60 m	3,348 m	243.97		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
02	DME	BLT	108.75 MHz	25 nm	-	-	12 ft
				46 km	-		12 m
07L	DME	QAA	110.30 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
07R	DME	BLE	110.75 MHz	18 nm	-	-	30 ft
				33 km	-		30 m
25L	DME	BLW	111.50 MHz	18 nm	-	-	14 ft
				33 km	-		14 m
25R	DME	BCA	109.50 MHz	18 nm	-	-	30 ft
				33 km	-		30 m
02	LOC-ILS	BLT	108.75 MHz	18 nm	18.92	-	14 ft
				33 km	17.38		14 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	LOC-ILS	QAA	110.30 MHz	18 nm	65.50	-	14 ft
				33 km	63.96		14 m
07R	LOC-ILS	BLE	110.75 MHz	18 nm	65.50	-	14 ft
				33 km	63.96		14 m
25L	LOC-ILS	BLW	111.50 MHz	18 nm	245.50	-	14 ft
				33 km	243.96		14 m
25R	LOC-ILS	BCA	109.50 MHz	18 nm	245.50	-	14 ft
				33 km	243.96		14 m
02	GS	BLT	108.75 MHz	10 nm	18.92	3.00	14 ft
				19 km	17.38		14 m
07L	GS	QAA	110.30 MHz	10 nm	65.50	3.00	14 ft
				19 km	63.96		14 m
07R	GS	BLE	110.75 MHz	10 nm	65.50	3.00	14 ft
				19 km	63.96		14 m
25L	GS	BLW	111.50 MHz	10 nm	245.50	3.00	14 ft
				19 km	243.96		14 m
25R	GS	BCA	109.50 MHz	10 nm	245.50	3.00	14 ft
				19 km	243.96		14 m