

LFRN

Rennes St Jacques

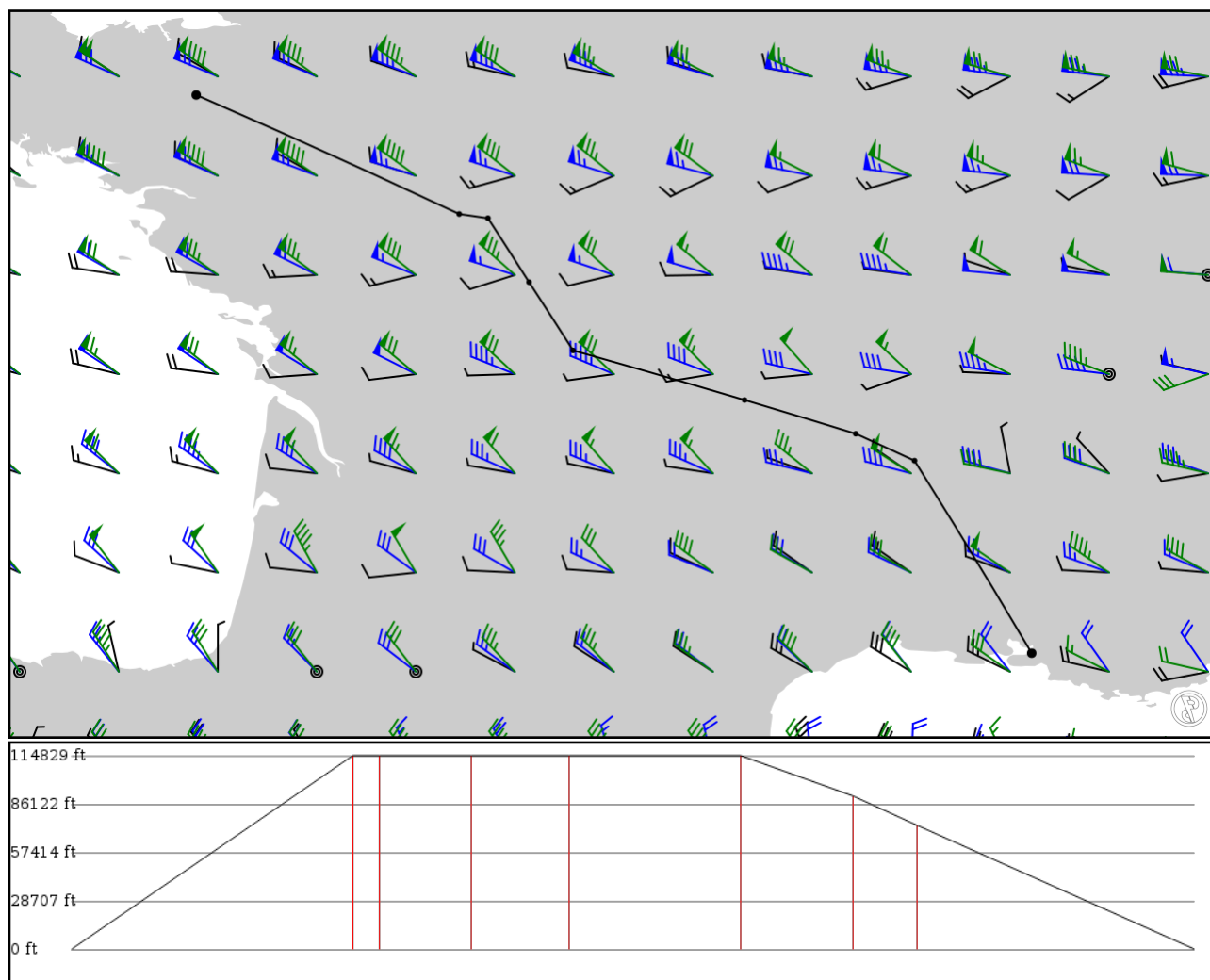
LFML

Marseille Provence

2024/05/04 0321Z

LFRN PEPAX BOKNO **UZ209** BALAN **UN859** BEBIX **UM616** LERGA **UY30** LATAM LFML

425.32 nm / 787.69 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
LFRN	-	48.06940	0 ft	-	Rennes St Jacques
APT	-	-1.73459	0 m	-	
PEPAX	-	47.08140	35,000 ft	106	-
FIX	-	0.45250	10,668 m	-	-
BOKNO	-	47.04690	35,000 ft	10	-
FIX	-	0.69167	10,668 m	-	-
BALAN	UZ209	46.51610	35,000 ft	34	-
FIX	AWY-HI	1.03333	10,668 m	-	-
BEBIX	UN859	45.94920	35,000 ft	37	-
FIX	AWY-HI	1.39972	10,668 m	-	-
ADATU	UM616	45.53720	35,000 ft	64	-
FIX	AWY-HI	2.82556	10,668 m	-	-
LERGA	UM616	45.25730	27,700 ft	42	-
FIX	AWY-HI	3.75017	8,443 m	-	-
LATAM	UY30	45.03390	22,400 ft	24	-
FIX	AWY-HI	4.23911	6,828 m	-	-
LFML	-	43.43580	0 ft	104	Marseille Provence
APT	-	5.21343	0 m	-	

LFRN

Region: FRANCE
Timezone: EUROPE/PARIS
Runways: 2

Elevation: 124 ft / 38 m
Location: 48.069400 -1.734590
Magnetic Var: 0.239 E

METAR

LFRN 040300Z AUTO 10003KT 070V130 9999 FEW027/// BKN047/// OVC064/// ///TCU 09/08 Q1011 TEMPO 4000 RA BKN006

TAF

TAF LFRN 032300Z 0400/0424 VRB05KT 9999 SCT030 TEMPO 0400/0404 3000 BR PROB40 TEMPO 0400/0404 0500 FG TEMPO 0404/0

Frequencies

REC - 136.40 MHz - LFRN ATIS
GND - 121.72 MHz - RENNES GND
APP - 134.00 MHz - RENNES APP
COM - 120.50 MHz - RENNES MULT
TWR - 120.50 MHz - RENNES TWR
APP - 124.90 MHz - RENNES APP

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
14	98 ft	2,785 ft	142.19	ASPHALT	0 ft	0 ft
	30 m	849 m	141.95		0 m	0 m
32	98 ft	2,785 ft	322.20	ASPHALT	0 ft	0 ft
	30 m	849 m	321.96		0 m	0 m
10	148 ft	6,895 ft	100.76	ASPHALT	230 ft	0 ft
	45 m	2,102 m	100.52		70 m	0 m
28	148 ft	6,895 ft	280.78	ASPHALT	0 ft	0 ft
	45 m	2,102 m	280.54		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
28	DME	RS	110.10 MHz	18 nm	-	-	174 ft
				33 km	-		174 m
28	LOC-ILS	RS	110.10 MHz	18 nm	280.72	-	124 ft
				33 km	280.48		124 m
28	GS	RS	110.10 MHz	10 nm	281.54	3.00	124 ft
				19 km	281.30		124 m

LFML

Region: FRANCE
Timezone: EUROPE/PARIS
Runways: 2

Elevation: 69 ft / 21 m
Location: 43.435800 5.213430
Magnetic Var: 2.280 E

METAR

LFML 040300Z AUTO 01005KT CAVOK 09/07 Q1015 NOSIG

TAF

TAF TAF LFML 040200Z 0403/0509 VRB03KT CAVOK TX21/0413Z TN09/0404Z PROB30 TEMPO 0405/0407 07010KT TEMPO 0413/0418

Frequencies

TWR - 125.35 MHz - PROVENCE ATIS	GND - 121.72 MHz - PROVENCE PREFLIGHT
GND - 121.90 MHz - PROVENCE GROUND	TWR - 133.10 MHz - PROVENCE TOWER
TWR - 123.72 MHz - PROVENCE TOWER	APP - 120.20 MHz - PROVENCE APPROACH
TWR - 120.87 MHz - PROVENCE APPROACH	APP - 121.42 MHz - PROVENCE APPROACH
APP - 124.35 MHz - PROVENCE APPROACH	APP - 127.72 MHz - PROVENCE APPROACH
TWR - 129.47 MHz - PROVENCE APPROACH	APP - 132.30 MHz - PROVENCE APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13L	148 ft	11,485 ft	134.05	ASPHALT	1,122 ft	295 ft
	45 m	3,501 m	131.77		342 m	90 m
31R	148 ft	11,485 ft	314.07	ASPHALT	2,165 ft	331 ft
	45 m	3,501 m	311.79		660 m	101 m
13R	148 ft	7,783 ft	134.89	ASPHALT	0 ft	197 ft
	45 m	2,372 m	132.61		0 m	60 m
31L	148 ft	7,783 ft	314.91	ASPHALT	348 ft	194 ft
	45 m	2,372 m	312.63		106 m	59 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13L	DME	ML	110.30 MHz	27 nm	-	-	10 ft
				50 km	-		10 m
13R	DME	MCE	108.30 MHz	27 nm	-	-	10 ft
				50 km	-		10 m
31R	DME	MPV	111.15 MHz	27 nm	-	-	10 ft
				50 km	-		10 m
13L	LOC-ILS	ML	110.30 MHz	18 nm	134.05	-	74 ft
				33 km	131.77		74 m
13R	LOC-ILS	MCE	108.30 MHz	18 nm	134.90	-	74 ft
				33 km	132.62		74 m
31R	LOC-ILS	MPV	111.15 MHz	18 nm	314.05	-	74 ft
				33 km	311.77		74 m
13L	GS	ML	110.30 MHz	10 nm	134.05	3.00	10 ft
				19 km	131.77		10 m
13R	GS	MCE	108.30 MHz	10 nm	134.90	3.00	74 ft
				19 km	132.62		74 m
31R	GS	MPV	111.15 MHz	10 nm	314.05	4.00	10 ft
				19 km	311.77		10 m