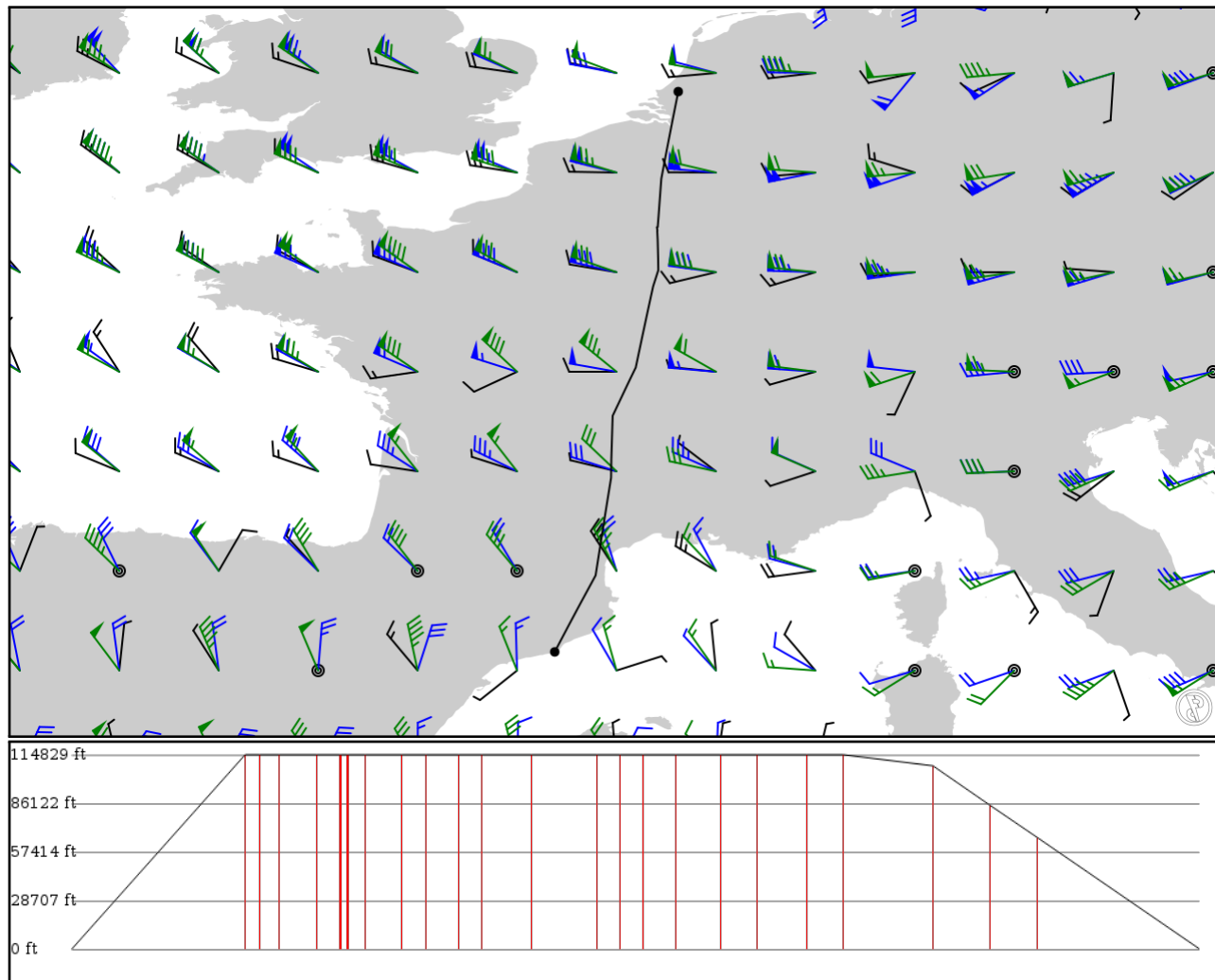


2024/05/12 1423Z

EHRD NILEM UY131 MOPIL UZ319 XERAM Z319 SOTUS Q763 GITAN Y50 REM REM B3 VATRI G40 TRO B373 MOU  
A27 CFA UY27 MEN A27 SIJAN UY27 PPG LEBL

653.45 nm / 1210.19 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
EHRD	-	51.95750	0 ft	-	Rotterdam The Hague
APT	-	4.44169	0 m		
NILEM	-	50.29670	35,000 ft	100	-
FIX	-	4.11889	10,668 m		
MOPIL	UY131	50.14780	35,000 ft	8	-
FIX	AWY-HI	4.10778	10,668 m		
KENAP	UZ319	49.95860	35,000 ft	11	-
FIX	AWY-HI	4.09389	10,668 m		
XERAM	UZ319	49.59670	35,000 ft	21	-
FIX	AWY-HI	4.06722	10,668 m		
SOTUS	Z319	49.38000	35,000 ft	13	-
FIX	AWY-LO	4.05028	10,668 m		
GITAN	Q763	49.37690	35,000 ft	0	-
FIX	AWY-LO	4.03472	10,668 m		
REM	Y50	49.31160	35,000 ft	3	REIMS
VOR	AWY-LO	4.04536	10,668 m		
REM	-	49.30970	35,000 ft	0	REIMS CHAMPAGNE VORTAC
DME	-	4.04117	10,668 m		
DIKOL	B3	49.13750	35,000 ft	10	-
FIX	AWY-LO	4.04917	10,668 m		
VATRI	B3	48.79330	35,000 ft	20	-
FIX	AWY-LO	4.05833	10,668 m		
ARSIL	G40	48.56000	35,000 ft	14	-
FIX	AWY-LO	4.06167	10,668 m		
TRO	G40	48.25120	35,000 ft	18	TROYES BARBEREY
VOR	AWY-LO	3.96314	10,668 m		
LUREN	B373	48.02580	35,000 ft	13	-
FIX	AWY-LO	3.91389	10,668 m		
AVLON	B373	47.56000	35,000 ft	28	-
FIX	AWY-LO	3.81333	10,668 m		
NEPAP	B373	46.93390	35,000 ft	37	-
FIX	AWY-LO	3.67944	10,668 m		
MOU	B373	46.70680	35,000 ft	13	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		

## EHRD

Region: NETHERLANDS  
Timezone: EUROPE/AMSTERDAM  
Runways: 1

Elevation: -15 ft / -5 m  
Location: 51.957500 4.441690  
Magnetic Var: 1.953 E

## METAR

EHRD 121355Z AUTO 11014KT 070V140 9999 NSC 25/11 Q1013 NOSIG

## TAF

TAF EHRD 121042Z 1212/1318 11012KT CAVOK BECMG 1221/1224 15007KT BECMG 1308/1311 17010KT SCT035 PROB40 TEMPO 1312

## Frequencies

TWR - 118.20 MHz - ROTTERDAM TOWER  
REC - 110.40 MHz - ROTTERDAM ATIS  
GND - 122.17 MHz - ROTTERDAM GROUND

APP - 127.02 MHz - ROTTERDAM APPROACH  
CLD - 128.80 MHz - ROTTERDAM DELIVERY

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06	148 ft	7,198 ft	57.03	ASPHALT	643 ft	0 ft
	45 m	2,194 m	55.07		196 m	0 m
24	148 ft	7,198 ft	237.05	ASPHALT	646 ft	0 ft
	45 m	2,194 m	235.10		197 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06	DME	ROS	110.90 MHz	18 nm	-	-	-15 ft
				33 km	-		-15 m
24	DME	RSV	110.90 MHz	18 nm	-	-	-15 ft
				33 km	-		-15 m
06	LOC-ILS	ROS	109.10 MHz	18 nm	56.94	-	-15 ft
				33 km	54.99		-15 m
24	LOC-ILS	RSV	110.90 MHz	18 nm	236.94	-	-15 ft
				33 km	234.99		-15 m

## LEBL

Region: SPAIN  
Timezone: EUROPE/MADRID  
Runways: 3

Elevation: 14 ft / 4 m  
Location: 41.295100 2.088030  
Magnetic Var: 1.542 E

## METAR

LEBL 121400Z 20009KT 160V240 9999 FEW020 22/13 Q1016 NOSIG

## TAF

TAF LEBL 121100Z 1212/1312 20009KT 9999 FEW020 TX22/1212Z TN16/1305Z BECMG 1216/1218 VRB04KT BECMG 1223/1301 3500

## 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	63.94		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	243.96		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