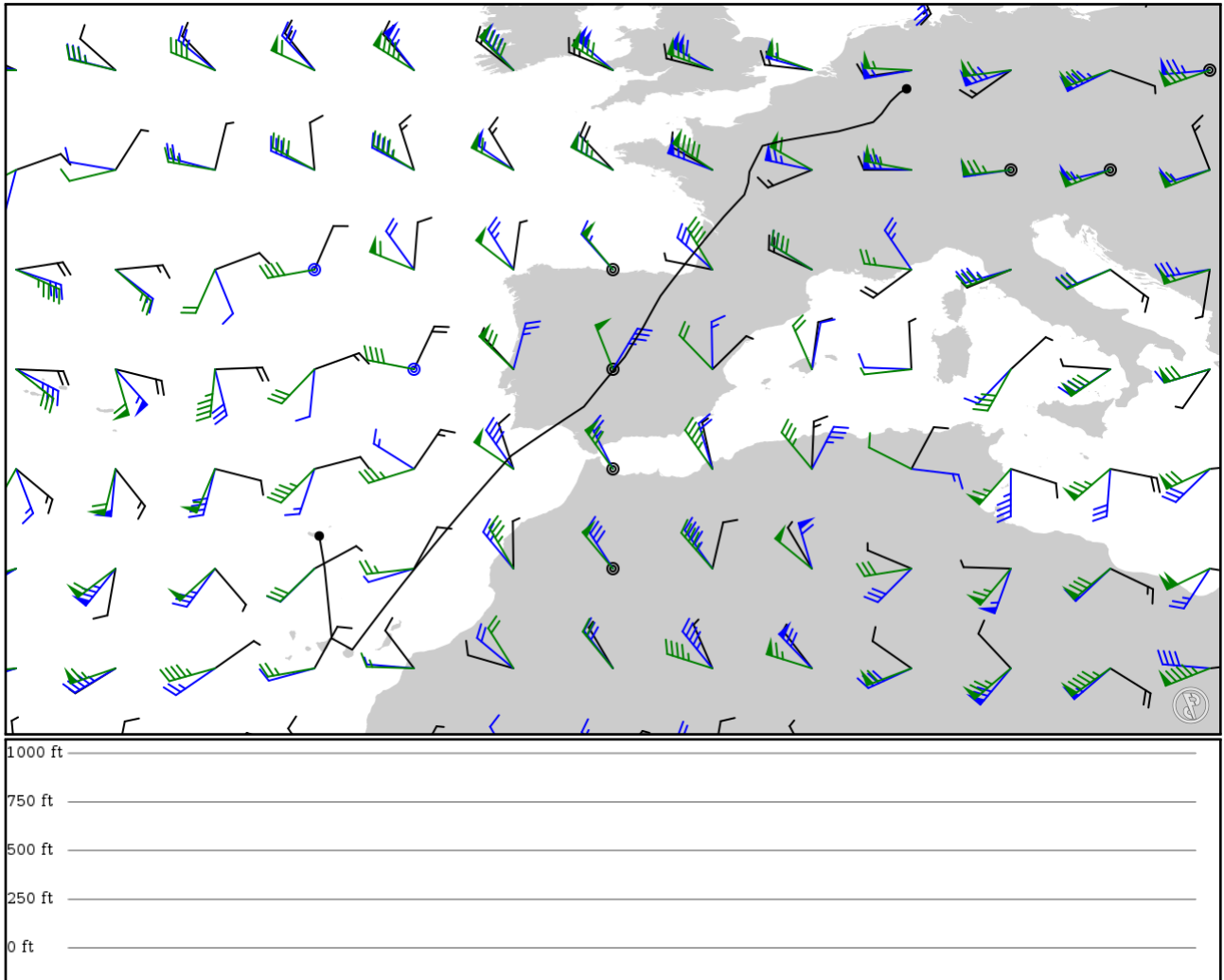


2024/05/01 1216Z

LPMA ORTIS **UN728** TFN GDV **UN858** VALEK DIK ADUSU **T856** DEPOK EDDK

2067.73 nm / 3829.44 km



## Notes

Requested: LPMA ORTIS UN728 TFN UT274 GDV UN871 PISIG UT100 XULIM UL27 VJF UQ148 LUSEM UL176 CNA UN858 VALEK UM163  
Unmatched points: UT274 UN871 PISIG UT100 XULIM UL27 UQ148 UM163 UT856

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LPMA	-	32.69770	0 ft	-	Madeira
APT	-	-16.77445	0 m		
ORTIS	-	31.40696	0 ft	78	-
FIX	-	-16.55691	0 m		
BRICK	UN728	29.59137	0 ft	109	-
FIX	AWY-HI	-16.37289	0 m		
TFN	UN728	28.53683	0 ft	63	TENERIFE NORTE VOR-DME
VOR	AWY-HI	-16.26878	0 m		
GDV	-	28.07708	0 ft	52	GRAN CANARIA VOR-DME
VOR	-	-15.42899	0 m		
VASTO	UN858	30.50944	0 ft	175	-
FIX	AWY-HI	-13.57278	0 m		
SULAM	UN858	30.91833	0 ft	29	-
FIX	AWY-HI	-13.25000	0 m		
DIMSA	UN858	31.97194	0 ft	76	-
FIX	AWY-HI	-12.39889	0 m		
ATLUX	UN858	32.99750	0 ft	75	-
FIX	AWY-HI	-11.55167	0 m		
SUNID	UN858	34.61972	0 ft	119	-
FIX	AWY-HI	-10.15667	0 m		
AKUDA	UN858	35.96667	0 ft	100	-
FIX	AWY-HI	-8.95000	0 m		
OBOLO	UN858	36.53139	0 ft	52	-
FIX	AWY-HI	-8.13250	0 m		
PESAS	UN858	37.03669	0 ft	47	-
FIX	AWY-HI	-7.38333	0 m		
LEPES	UN858	37.16543	0 ft	11	-
FIX	AWY-HI	-7.19184	0 m		
OXACA	UN858	37.95000	0 ft	73	-
FIX	AWY-HI	-6.00000	0 m		
PARKA	UN858	39.00000	0 ft	74	-
FIX	AWY-HI	-5.14988	0 m		
SOLAX	UN858	39.24255	0 ft	17	-
FIX	AWY-HI	-4.94918	0 m		
TLD	UN858	39.96946	0 ft	52	TOLEDO VOR-DME
VOR	AWY-HI	-4.33747	0 m		
SIE	UN858	41.15170	0 ft	78	SOMOSIERRA VOR-DME
VOR	AWY-HI	-3.60467	0 m		
DGO	UN858	42.45331	0 ft	84	DOMINGO VOR-DME
VOR	AWY-HI	-2.88071	0 m		
ABRIX	UN858	43.64631	0 ft	82	-
FIX	AWY-HI	-1.96261	0 m		
SOMOS	UN858	44.54861	0 ft	62	-
FIX	AWY-HI	-1.23917	0 m		
CNA	UN858	45.65956	0 ft	77	COGNAC CHATEAUBERNARD VOR-DME
VOR	AWY-HI	-0.31164	0 m		
BOLGU	UN858	45.93222	0 ft	19	-
FIX	AWY-HI	-0.06056	0 m		
ADABI	UN858	46.56111	0 ft	45	-
FIX	AWY-HI	0.53083	0 m		
BOKNO	UN858	47.04694	0 ft	29	-
FIX	AWY-HI	0.69167	0 m		
DEVRO	UN858	47.49556	0 ft	27	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	0.73861	0 m		
VANAD	UN858	47.83722	0 ft	21	-
FIX	AWY-HI	0.90722	0 m		
VADOM	UN858	48.55056	0 ft	45	-
FIX	AWY-HI	1.27083	0 m		
TABOV	UN858	48.64417	0 ft	16	-
FIX	AWY-HI	1.64889	0 m		
TSU	UN858	48.75372	0 ft	19	TOUSSUS LE NOBLE VOR
VOR	AWY-HI	2.10236	0 m		
UTELA	UN858	48.90583	0 ft	35	-
FIX	AWY-HI	2.96056	0 m		
RANUX	UN858	49.13889	0 ft	56	-
FIX	AWY-HI	4.36167	0 m		
MEDOX	UN858	49.33361	0 ft	31	-
FIX	AWY-HI	5.09694	0 m		
VALEK	UN858	49.51444	0 ft	28	-
FIX	AWY-HI	5.78111	0 m		
DIK	-	49.86139	0 ft	24	DIEKIRCH NDB
NDB	-	6.12972	0 m		
ADUSU	-	49.95611	0 ft	6	-
FIX	-	6.19611	0 m		
BENAK	T856	50.34278	0 ft	25	-
FIX	AWY-HI	6.47583	0 m		
GEBSO	T856	50.54944	0 ft	14	-
FIX	AWY-LO	6.69083	0 m		
DEPOK	T856	50.71250	0 ft	11	-
FIX	AWY-LO	6.86222	0 m		
EDDK	-	50.86580	0 ft	13	Koln Bonn
APT	-	7.13890	0 m		

## EDDK

Region: GERMANY - CIVIL  
Timezone: EUROPE/BERLIN  
Runways: 3

Elevation: 296 ft / 90 m  
Location: 50.865800 7.138910  
Magnetic Var: 2.784 E

## METAR

EDDK 011150Z AUTO 26004KT 190V320 CAVOK 24/15 Q1005

## TAF

TAF EDDK 011100Z 0112/0218 VRB03KT CAVOK BECMG 0112/0114 07007KT BECMG 0123/0202 13005KT BECMG 0209/0212 21005KT

## Frequencies

REC - 112.15 MHz - ATIS	CLD - 121.85 MHz - KOELN BONN DELIVERY
GND - 121.72 MHz - KOELN BONN GROUND	GND - 121.95 MHz - KOELN BONN APRON
TWR - 124.97 MHz - KOELN BONN TOWER	TWR - 136.25 MHz - KOELN BONN MILITARY
APP - 118.75 MHz - LANGEN RADAR	APP - 135.35 MHz - LANGEN RADAR
APP - 121.05 MHz - KOELN BONN DIRECTOR	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
14L	197 ft	12,495 ft	137.55	ASPHALT	0 ft	0 ft
	60 m	3,808 m	134.76		0 m	0 m
32R	197 ft	12,495 ft	317.58	ASPHALT	0 ft	0 ft
	60 m	3,808 m	314.79		0 m	0 m
06	148 ft	8,045 ft	64.33	ASPHALT	0 ft	0 ft
	45 m	2,452 m	61.55		0 m	0 m
24	148 ft	8,045 ft	244.36	ASPHALT	0 ft	0 ft
	45 m	2,452 m	241.57		0 m	0 m
14R	148 ft	6,104 ft	137.56	ASPHALT	0 ft	0 ft
	45 m	1,860 m	134.78		0 m	0 m
32L	148 ft	6,104 ft	317.58	ASPHALT	0 ft	0 ft
	45 m	1,860 m	314.79		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
14L	LOC-ILS	IKES	110.90 MHz	18 nm	137.57	-	296 ft
				33 km	134.79		296 m
24	LOC-ILS	IKOW	109.10 MHz	18 nm	244.35	-	296 ft
				33 km	241.57		296 m
32R	LOC-ILS	IKEN	111.10 MHz	18 nm	317.57	-	296 ft
				33 km	314.79		296 m
14L	GS	IKES	110.90 MHz	10 nm	137.57	3.00	296 ft
				19 km	134.79		296 m
24	GS	IKOW	109.10 MHz	10 nm	244.35	3.00	296 ft
				19 km	241.57		296 m
32R	GS	IKEN	111.10 MHz	10 nm	317.57	3.00	296 ft
				19 km	314.79		296 m