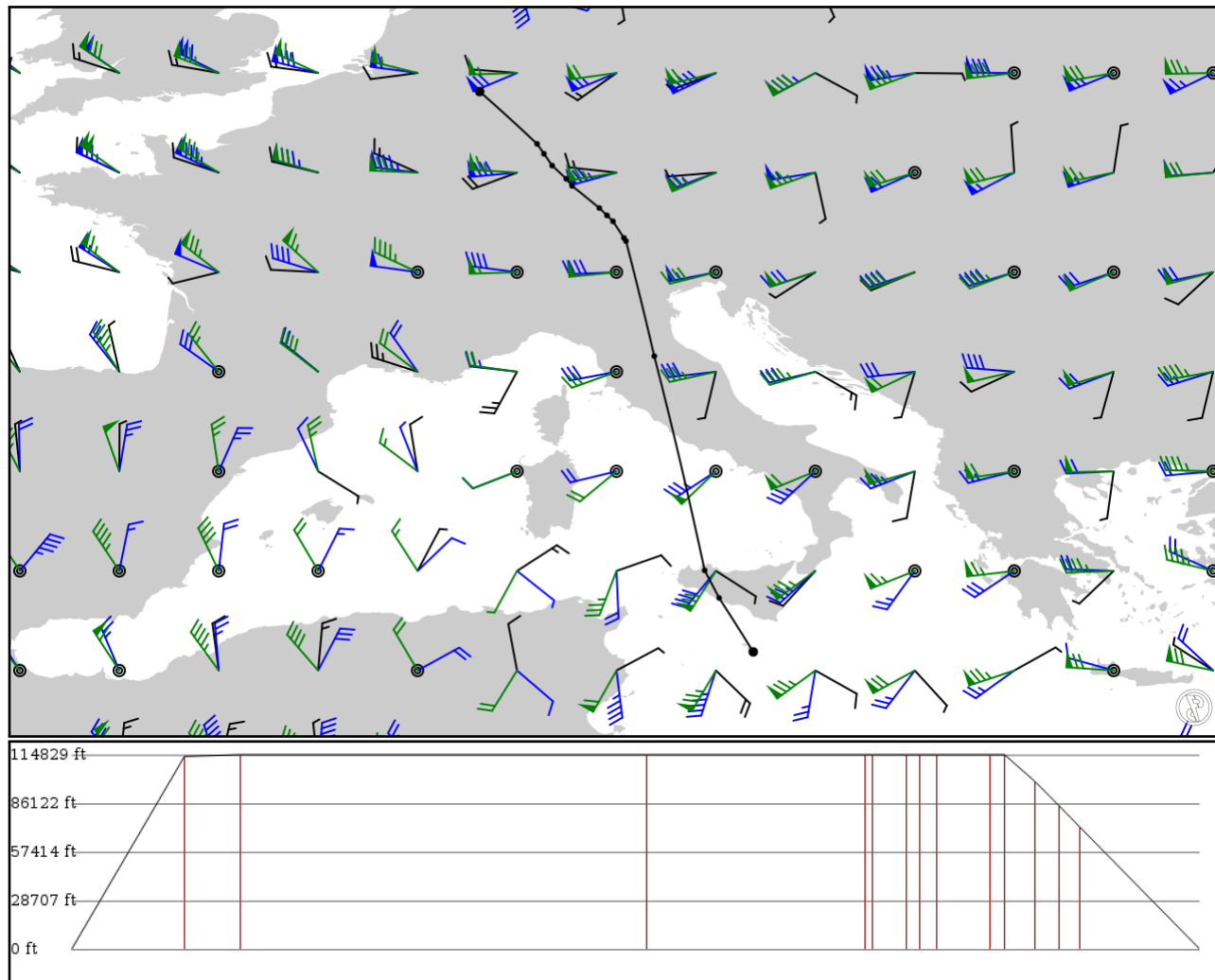


2024/06/07 0723Z

LMML ALOKU L12 PAL Z306 UNIMI L12 SUDUX UL12 MOGTI UP66 NESES P66 KPT UL608 KUNOD Z79 SUDEN T844
KOVAN UL608 SUNEG UL607 ABUKA EDDK

971.10 nm / 1798.47 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
LMML	-	35.84940	0 ft	-	Malta Intl
APT	-	14.48180	0 m		
ALOKU	-	37.29470	34,700 ft	97	-
FIX	-	13.56500	10,577 m		
PAL	L12	38.03360	35,000 ft	48	PALERMO
VOR	AWY-HI	13.17740	10,668 m		
GAVRA	Z306	43.77610	35,000 ft	350	-
FIX	AWY-HI	11.82470	10,668 m		
UNIMI	Z306	46.86080	35,000 ft	188	-
FIX	AWY-HI	11.06520	10,668 m		
SUDUX	L12	46.94500	35,000 ft	5	-
FIX	AWY-HI	11.00870	10,668 m		
MOGTI	UL12	47.38900	35,000 ft	29	-
FIX	AWY-HI	10.71680	10,668 m		
NESES	UP66	47.54810	35,000 ft	11	-
FIX	AWY-HI	10.55470	10,668 m		
KPT	P66	47.74580	35,000 ft	14	KEMPTEN
VOR	AWY-HI	10.34980	10,668 m		
KUNOD	UL608	48.33880	35,000 ft	46	-
FIX	AWY-HI	9.61854	10,668 m		
SUDEN	Z79	48.52920	35,000 ft	13	-
FIX	AWY-LO	9.46222	10,668 m		
KOVAN	T844	48.88240	30,200 ft	25	-
FIX	AWY-HI	9.08429	9,205 m		
SUNEG	UL608	49.19860	25,800 ft	20	-
FIX	AWY-HI	8.86417	7,864 m		
ABUKA	UL607	49.46530	22,000 ft	17	-
FIX	AWY-HI	8.67917	6,706 m		
EDDK	-	50.86580	0 ft	102	Koeln-Bonn Airport Konrad Adenauer
APT	-	7.13891	0 m		

LMML

Region: MALTA
Timezone: EUROPE/MALTA
Runways: 2

Elevation: 297 ft / 91 m
Location: 35.849400 14.481800
Magnetic Var: 3.628 E

METAR

LMML 070645Z VRB03KT CAVOK 26/18 Q1018 NOSIG

TAF

TAF LMML 070500Z 0706/0806 27008KT 9999 FEW007 PROB40 0722/0806 5000 BR BKN005

Frequencies

REC - 127.40 MHz - LUQA ATIS
TWR - 135.10 MHz - LUQA TOWER

GND - 121.60 MHz - LUQA GROUND
APP - 128.15 MHz - LUQA APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13	197 ft	11,618 ft	134.87	ASPHALT	0 ft	0 ft
	60 m	3,541 m	131.24		0 m	0 m
31	197 ft	11,618 ft	314.89	ASPHALT	614 ft	177 ft
	60 m	3,541 m	311.26		187 m	54 m
05	148 ft	7,794 ft	54.40	ASPHALT	0 ft	95 ft
	45 m	2,376 m	50.78		0 m	29 m
23	148 ft	7,794 ft	234.42	ASPHALT	0 ft	102 ft
	45 m	2,376 m	230.79		0 m	31 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13	LOC-ILS	LQ	109.70 MHz	18 nm	134.86	-	299 ft
				33 km	131.23		299 m
31	LOC-ILS	LM	110.50 MHz	18 nm	314.86	-	299 ft
				33 km	311.23		299 m
13	GS	LQ	109.70 MHz	10 nm	134.86	2.85	299 ft
				19 km	131.23		299 m
31	GS	LM	110.50 MHz	10 nm	314.86	2.85	299 ft
				19 km	311.23		299 m

EDDK

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

Elevation: 296 ft / 90 m
Location: 50.865800 7.138910
Magnetic Var: 2.797 E

METAR

EDDK 070650Z AUTO VRB01KT CAVOK 14/09 Q1019 NOSIG

TAF

TAF EDDK 070500Z 0706/0812 VRB02KT CAVOK BECMG 0710/0713 29008KT BECMG 0719/0721 VRB02KT BECMG 0808/0810 25008KT

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	134.75		0 m	0 m
32R	197 ft	12,495 ft	317.58	ASPHALT	0 ft	0 ft
	60 m	3,808 m	314.78		0 m	0 m
06	148 ft	8,045 ft	64.33	ASPHALT	0 ft	0 ft
	45 m	2,452 m	61.53		0 m	0 m
24	148 ft	8,045 ft	244.36	ASPHALT	0 ft	0 ft
	45 m	2,452 m	241.56		0 m	0 m
14R	148 ft	6,104 ft	137.56	ASPHALT	0 ft	0 ft
	45 m	1,860 m	134.77		0 m	0 m
32L	148 ft	6,104 ft	317.58	ASPHALT	0 ft	0 ft
	45 m	1,860 m	314.78		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	134.77		296 m
24	LOC-ILS	IKOW	109.10 MHz	18 nm	244.35	-	296 ft
				33 km	241.55		296 m
32R	LOC-ILS	IKEN	111.10 MHz	18 nm	317.57	-	296 ft
				33 km	314.77		296 m
14L	GS	IKES	110.90 MHz	10 nm	137.57	3.00	296 ft
				19 km	134.77		296 m
24	GS	IKOW	109.10 MHz	10 nm	244.35	3.00	296 ft
				19 km	241.55		296 m
32R	GS	IKEN	111.10 MHz	10 nm	317.57	3.00	296 ft
				19 km	314.77		296 m