

# LIEE

Cagliari Elmas

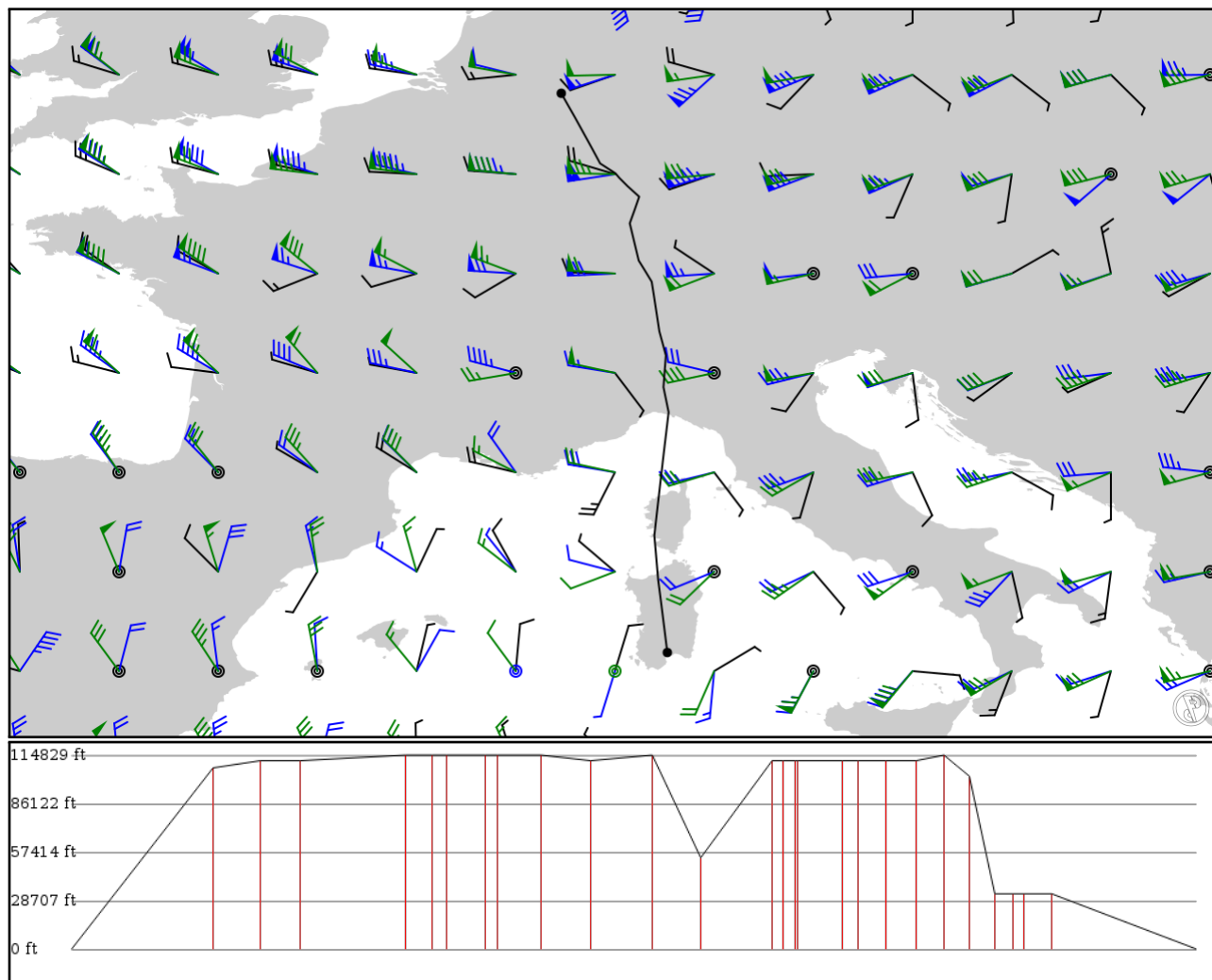
# EDDL

Duesseldorf

2024/05/08 0347Z

LIEE MINKA **UM858** CORSI **UM733** AJO **UM858** SRN **A9** CANNE **UZ651** KESEX **Z652** TRA **UN850** NATOR **Y163** BADLI  
**Q762** OLIVI EDDL

746.16 nm / 1381.88 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 240kts
- Cruise Altitude: 32000ft
- Cruise Speed: 300kts
- Descent Rate: 2500ft/min
- Descent Speed: 230kts

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
LIEE APT	-	39.25147 9.05429	0 ft 0 m	-	Cagliari Elmas
MINKA FIX	-	40.81917 8.85556	32,700 ft 9,967 m	94	-
CORSI FIX	UM858 AWY-HI	41.33333 8.81222	34,000 ft 10,363 m	30	-
AJO VOR	UM733 AWY-HI	41.77053 8.77467	34,000 ft 10,363 m	26	AJACCIO VOR-DME
SUDAS FIX	UM858 AWY-HI	42.93806 8.90639	35,000 ft 10,668 m	70	-
AKUTI FIX	UM858 AWY-HI	43.22722 8.94028	35,000 ft 10,668 m	17	-
TORTU FIX	UM858 AWY-HI	43.38833 8.95833	35,000 ft 10,668 m	9	-
OLETI FIX	UM858 AWY-HI	43.81000 9.00861	35,000 ft 10,668 m	25	-
UNITA FIX	UM858 AWY-HI	43.94444 9.02500	35,000 ft 10,668 m	8	-
GEN VOR	UM858 AWY-HI	44.42444 9.08233	35,000 ft 10,668 m	28	GENOVA VOR-DME
VOG VOR	UM858 AWY-HI	44.96442 8.97027	34,000 ft 10,363 m	32	VOGHERA VOR-DME
SRN NDB	UM858 AWY-HI	45.64667 9.02278	35,000 ft 10,668 m	41	SARONNO NDB
CANNE FIX	A9 AWY-LO	46.16667 8.88111	16,500 ft 5,029 m	31	-
KELIP FIX	UZ651 AWY-HI	46.95611 8.76167	34,000 ft 10,363 m	47	-
MOSIT FIX	UZ651 AWY-HI	47.06917 8.74389	34,000 ft 10,363 m	6	-
MANEG FIX	UZ651 AWY-HI	47.20417 8.72222	34,000 ft 10,363 m	8	-
KESEX FIX	UZ651 AWY-HI	47.23472 8.71667	34,000 ft 10,363 m	1	-
TRA VOR	Z652 AWY-HI	47.68950 8.43695	34,000 ft 10,363 m	29	TRASADINGEN VOR-DME
TITIX FIX	UN850 AWY-HI	47.85833 8.39667	34,000 ft 10,363 m	10	-
NATOR FIX	UN850 AWY-HI	48.17000 8.32139	34,000 ft 10,363 m	18	-
HERBI FIX	Y163 AWY-HI	48.49083 8.24361	34,000 ft 10,363 m	19	-
PABLA FIX	Y163 AWY-HI	48.78861 8.35194	35,000 ft 10,668 m	18	-
BADLI FIX	Y163 AWY-HI	49.06361 8.44750	31,200 ft 9,510 m	16	-
MANEM FIX	Q762 AWY-LO	49.29458 8.19166	10,000 ft 3,048 m	17	-
FRANK FIX	Q762 AWY-LO	49.46339 8.02346	10,000 ft 3,048 m	12	-
BOLKI FIX	Q762 AWY-LO	49.56639 7.93556	10,000 ft 3,048 m	7	-
OLIVI	Q762	49.77830	10,000 ft	18	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	7.60565	3,048 m		
EDDL	-	51.28942	0 ft	96	Duesseldorf
APT	-	6.76664	0 m		

## LIEE

Region: ITALY  
Timezone: EUROPE/ROME  
Runways: 1

Elevation: 13 ft / 4 m  
Location: 39.251500 9.054300  
Magnetic Var: 2.944 E

## METAR

LIEE 080320Z 01010KT CAVOK 13/09 Q1015

## TAF

TAF LIEE 072300Z 0800/0824 35012KT 9999 FEW040 BECMG 0810/0812 17012KT TEMPO 0812/0816 4000 TSRA BECMG 0815/0817 V

## Frequencies

REC - 127.05 MHz - ATIS	GND - 125.42 MHz - ELMAS GROUND
TWR - 120.60 MHz - ELMAS TOWER	TWR - 122.10 MHz - ELMAS TOWER
APP - 118.40 MHz - CAGLIARI APPROACH	APP - 118.75 MHz - CAGLIARI APPROACH

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
14	148 ft	9,209 ft	138.10	ASPHALT	0 ft	0 ft
	45 m	2,807 m	135.15		0 m	0 m
32	148 ft	9,209 ft	318.11	ASPHALT	0 ft	0 ft
	45 m	2,807 m	315.17		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
32	DME	IEL	109.50 MHz	18 nm	-	-	26 ft
				33 km	-		26 m
32	LOC-ILS	IEL	109.50 MHz	18 nm	318.10	-	13 ft
				33 km	315.16		13 m
32	GS	IEL	109.50 MHz	10 nm	318.10	3.00	13 ft
				19 km	315.16		13 m

## EDDL

Region: GERMANY - CIVIL  
Timezone: EUROPE/BERLIN  
Runways: 2

Elevation: 145 ft / 44 m  
Location: 51.289400 6.766620  
Magnetic Var: 2.676 E

## METAR

EDDL 080320Z AUTO 34006KT 5000 BR OVC006 11/10 Q1024 NOSIG

## TAF

TAF EDDL 072300Z 0800/0906 35006KT CAVOK BECMG 0801/0804 BKN007 TEMPO 0803/0807 2000 BR OVC004 BECMG 0807/0810 SC

## Frequencies

REC - 123.77 MHz - ATIS	CLD - 121.77 MHz - CLEARANCE DELIVERY
GND - 121.90 MHz - GROUND	GND - 121.60 MHz - GROUND
GND - 121.67 MHz - GROUND	TWR - 118.30 MHz - TOWER
TWR - 124.35 MHz - TOWER	APP - 128.55 MHz - LANGEN RADAR
APP - 121.35 MHz - LANGEN RADAR	APP - 128.50 MHz - LANGEN RADAR
APP - 128.65 MHz - DUSSELDORF DIRECTOR	DEP - 133.77 MHz - DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05R	148 ft	9,851 ft	52.68	CONCRETE	984 ft	659 ft
	45 m	3,003 m	50.00		300 m	201 m
23L	148 ft	9,851 ft	232.71	CONCRETE	984 ft	702 ft
	45 m	3,003 m	230.03		300 m	214 m
05L	148 ft	8,866 ft	52.68	CONCRETE	994 ft	906 ft
	45 m	2,702 m	50.00		303 m	276 m
23R	148 ft	8,866 ft	232.70	CONCRETE	971 ft	928 ft
	45 m	2,702 m	230.02		296 m	283 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05L	LOC-ILS	IDNE	110.95 MHz	18 nm	52.69	-	145 ft
				33 km	50.01		145 m
05R	LOC-ILS	IDSE	110.15 MHz	18 nm	52.70	-	145 ft
				33 km	50.02		145 m
23L	LOC-ILS	IDSW	109.90 MHz	18 nm	232.70	-	145 ft
				33 km	230.02		145 m
23R	LOC-ILS	IDNW	109.30 MHz	18 nm	232.69	-	145 ft
				33 km	230.01		145 m
05L	GS	IDNE	110.95 MHz	10 nm	52.69	3.00	145 ft
				19 km	50.01		145 m
05R	GS	IDSE	110.15 MHz	10 nm	52.70	3.00	145 ft
				19 km	50.02		145 m
23L	GS	IDSW	109.90 MHz	10 nm	232.70	3.00	145 ft
				19 km	230.02		145 m
23R	GS	IDNW	109.30 MHz	10 nm	232.69	3.00	145 ft
				19 km	230.01		145 m