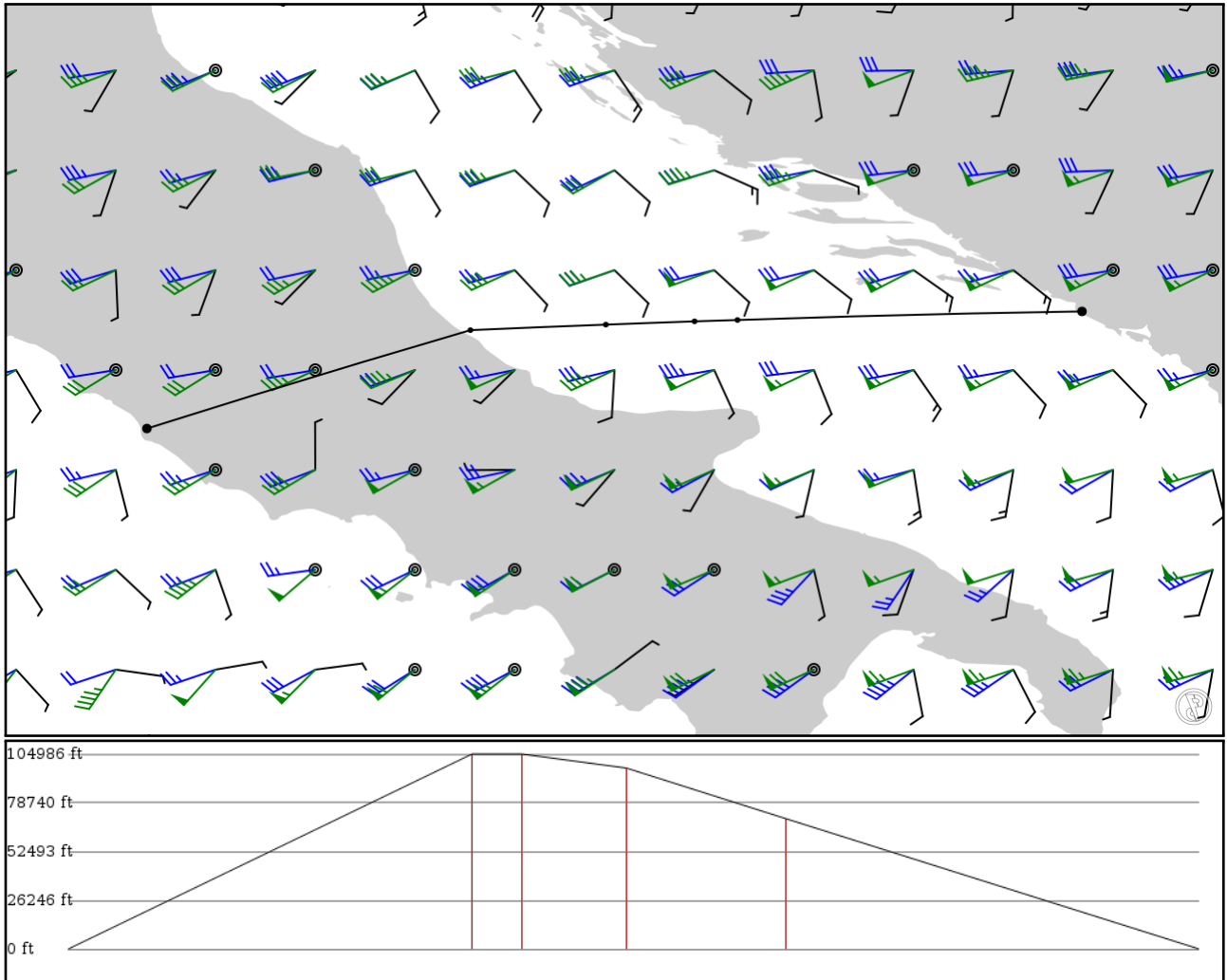


2024/05/16 2013Z

LDDU KATTI **M169** ESODU LIRF

274.42 nm / 508.22 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 32000ft
- 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
LDDU	-	42.56290	0 ft	-	Dubrovnik
APT	-	18.26450	0 m		
KATTI	-	42.50780	32,000 ft	98	-
FIX	-	16.04890	9,754 m		
RIVAM	M169	42.49920	32,000 ft	12	-
FIX	AWY-LO	15.77280	9,754 m		
ERPOG	M169	42.47830	29,700 ft	25	-
FIX	AWY-HI	15.20250	9,053 m		
ESODU	M169	42.44280	21,400 ft	38	-
FIX	AWY-HI	14.33140	6,523 m		
LIRF	-	41.81080	0 ft	100	Leonardo da Vinci-Fiumicino
APT	-	12.25090	0 m		

## LDDU

Region: CROATIA  
Timezone: EUROPE/ZAGREB  
Runways: 1

Elevation: 525 ft / 160 m  
Location: 42.562700 18.264900  
Magnetic Var: 4.773 E

## METAR

LDDU 162000Z 13021KT 100V160 CAVOK 22/12 Q1011 WS R29 TEMPO 13020G35KT

## TAF

TAF LDDU 161725Z 1618/1718 13020KT 9999 SCT040 TX23/1713Z TN19/1703Z TEMPO 1618/1700 14020G35KT BECMG 1707/1709 1

## Frequencies

APP - 123.60 MHz - DUBROVNIK RADAR  
TWR - 125.40 MHz - DUBROVNIK TOWER

TWR - 129.50 MHz - DUBROVNIK TOWER  
REC - 118.42 MHz - ATIS

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
11	148 ft	10,608 ft	118.29	ASPHALT	243 ft	305 ft
	45 m	3,233 m	113.52		74 m	93 m
29	148 ft	10,608 ft	298.32	ASPHALT	0 ft	230 ft
	45 m	3,233 m	293.55		0 m	70 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
11	LOC-ILS	IDU	110.10 MHz	18 nm	118.31	-	525 ft
				33 km	113.54		525 m
11	GS	IDU	110.10 MHz	10 nm	118.31	3.00	525 ft
				19 km	113.54		525 m

## LIRF

Region: ITALY  
Timezone: EUROPE/ROME  
Runways: 3

Elevation: 13 ft / 4 m  
Location: 41.810800 12.250900  
Magnetic Var: 3.667 E

## METAR

LIRF 161950Z 17004KT 150V210 CAVOK 19/16 Q1009 NOSIG

## TAF

TAF LIRF 161700Z 1618/1724 24010KT 9999 SCT015 BECMG 1622/1624 VRB05KT PROB40 TEMPO 1702/1705 4000 BCFG BECMG 1708/1710 2000 BCFG

## Frequencies

REC - 120.17 MHz - ATIS ARRIVAL	REC - 126.12 MHz - ATIS ARRIVAL
REC - 121.85 MHz - ATIS DEPARTURE	CLD - 121.80 MHz - CLEARANCE DELIVERY
GND - 121.72 MHz - FIUME APRON	GND - 121.67 MHz - FIUME GROUND
GND - 121.90 MHz - FIUME GROUND	GND - 122.12 MHz - FIUME GROUND
TWR - 127.62 MHz - FIUME TOWER	TWR - 123.72 MHz - FIUME TOWER
TWR - 118.70 MHz - FIUME TOWER	DEP - 130.90 MHz - ROMA DEPARTURE
DEP - 131.10 MHz - ROMA DEPARTURE	APP - 127.95 MHz - ROMA ARRIVAL
APP - 125.50 MHz - ROMA ARRIVAL	APP - 119.20 MHz - ROMA DIRECT
APP - 131.25 MHz - ROMA DIRECT	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07	148 ft	10,859 ft	69.68	ASPHALT	1,348 ft	0 ft
	45 m	3,310 m	66.01		411 m	0 m
25	148 ft	10,859 ft	249.71	ASPHALT	0 ft	0 ft
	45 m	3,310 m	246.04		0 m	0 m
16R	197 ft	12,814 ft	162.66	ASPHALT	0 ft	0 ft
	60 m	3,906 m	159.00		0 m	0 m
34L	197 ft	12,814 ft	342.67	ASPHALT	0 ft	0 ft
	60 m	3,906 m	339.01		0 m	0 m
16L	197 ft	12,814 ft	162.68	ASPHALT	0 ft	0 ft
	60 m	3,906 m	159.01		0 m	0 m
34R	197 ft	12,814 ft	342.69	ASPHALT	0 ft	0 ft
	60 m	3,906 m	339.02		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
25	DME	FEE	110.15 MHz	25 nm	-	-	25 ft
				46 km	-		25 m
34L	DME	ISW	108.90 MHz	25 nm	-	-	15 ft
				46 km	-		15 m
34R	DME	FSS	111.55 MHz	25 nm	-	-	15 ft
				46 km	-		15 m
16L	LOC-ILS	IFLL	108.10 MHz	18 nm	162.69	-	13 ft
				33 km	159.02		13 m
16R	LOC-ILS	IFRR	109.75 MHz	18 nm	162.67	-	13 ft
				33 km	159.00		13 m
25	LOC-ILS	FEE	110.15 MHz	18 nm	249.69	-	13 ft
				33 km	246.02		13 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
34L	LOC-ILS	IFSW	108.90 MHz	18 nm	342.67	-	13 ft
				33 km	339.00		13 m
34R	LOC-ILS	FSS	111.55 MHz	18 nm	342.69	-	13 ft
				33 km	339.02		13 m
16L	GS	IFLL	108.10 MHz	10 nm	162.69	3.00	13 ft
				19 km	159.02		13 m
16R	GS	IFRR	109.75 MHz	10 nm	162.67	3.00	13 ft
				19 km	159.00		13 m
25	GS	FEE	110.15 MHz	10 nm	249.69	3.00	13 ft
				19 km	246.02		13 m
34L	GS	IFSW	108.90 MHz	10 nm	342.67	3.00	13 ft
				19 km	339.00		13 m
34R	GS	FSS	111.55 MHz	10 nm	342.69	3.00	13 ft
				19 km	339.02		13 m