

# LIRF

Roma-Fiumicino "Leonardo da Vinci"

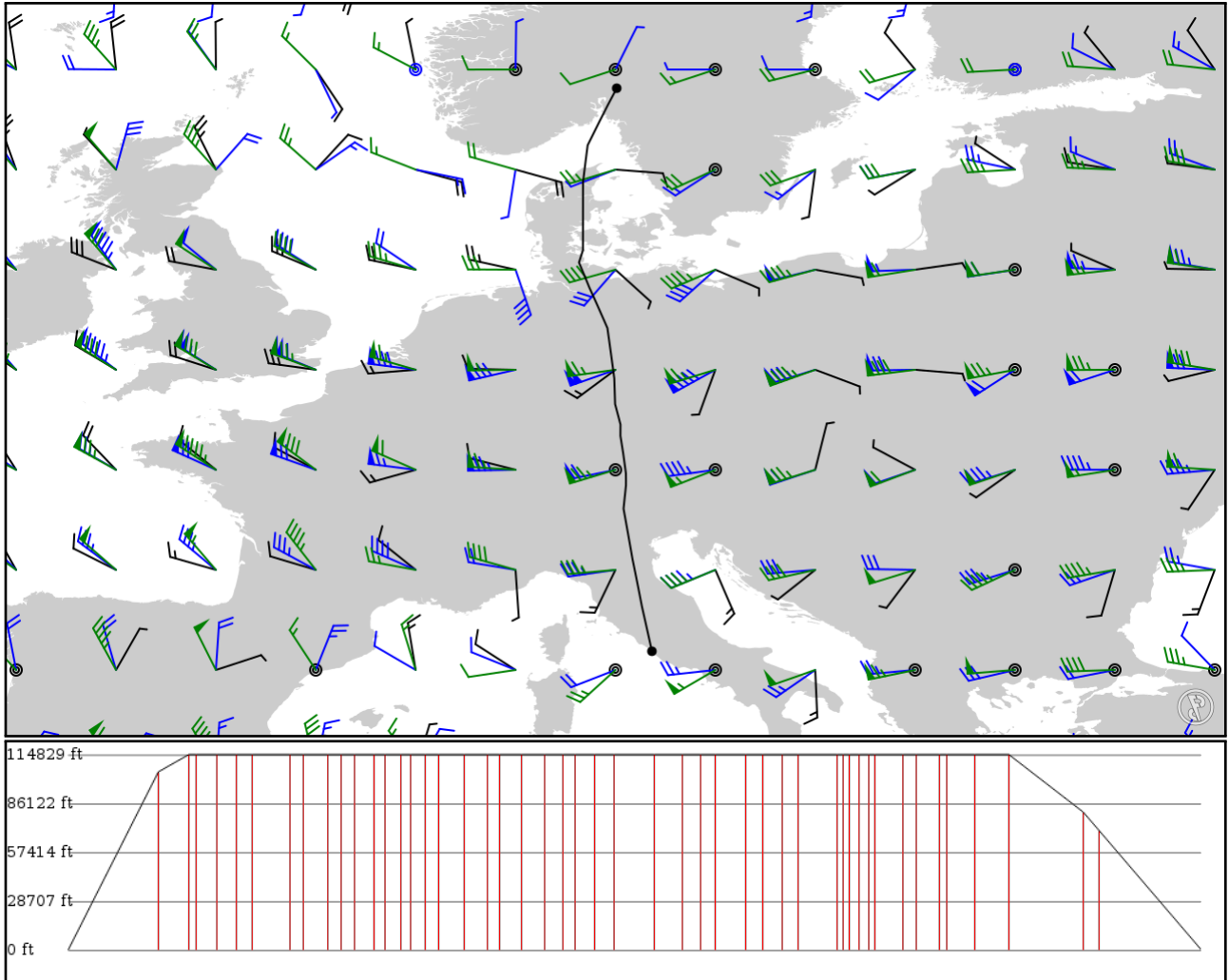
# ENGM

Oslo Gardermoen

2024/06/05 2044Z

LIRF VERUN **Z806** GAVRA **M726** BRENO **UM726** UPALA **Z109** BIRKA **UM852** TUGDU **P615** AAL AAL **P615** ARTOR **Z128**  
ESOSI ENGM

1117.06 nm / 2068.79 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
LIRF	-	41.81080	0 ft	-	Roma-Fiumicino "Leonardo da Vinci"
APT	-	12.25090	0 m	-	
VERUN	-	43.28140	31,900 ft	89	-
FIX	-	11.92140	9,723 m	-	-
GAVRA	Z806	43.77610	35,000 ft	30	-
FIX	AWY-HI	11.82470	10,668 m	-	-
BAGNO	M726	43.89060	35,000 ft	6	-
FIX	AWY-HI	11.80220	10,668 m	-	-
PELEG	M726	44.22780	35,000 ft	20	-
FIX	AWY-HI	11.73530	10,668 m	-	-
SUKOM	M726	44.55250	35,000 ft	19	-
FIX	AWY-HI	11.66970	10,668 m	-	-
LUMAV	M726	44.81440	35,000 ft	15	-
FIX	AWY-HI	11.61640	10,668 m	-	-
ALBET	M726	45.42670	35,000 ft	37	-
FIX	AWY-HI	11.50920	10,668 m	-	-
VADIK	M726	45.64000	35,000 ft	12	-
FIX	AWY-HI	11.47140	10,668 m	-	-
DIKEM	M726	46.03970	35,000 ft	24	-
FIX	AWY-HI	11.39940	10,668 m	-	-
SUMIR	M726	46.25890	35,000 ft	13	-
FIX	AWY-HI	11.35970	10,668 m	-	-
NAXAV	M726	46.46390	35,000 ft	12	-
FIX	AWY-HI	11.32220	10,668 m	-	-
EKPIS	M726	46.78720	35,000 ft	19	-
FIX	AWY-HI	11.35560	10,668 m	-	-
BRENO	M726	46.98000	35,000 ft	11	-
FIX	AWY-LO	11.37670	10,668 m	-	-
INN	UM726	47.23000	35,000 ft	15	INNSBRUCK
NDB	AWY-HI	11.40190	10,668 m	-	
NORIN	UM726	47.38660	35,000 ft	9	-
FIX	AWY-HI	11.40230	10,668 m	-	-
KOGOL	UM726	47.62220	35,000 ft	14	-
FIX	AWY-HI	11.39970	10,668 m	-	-
KONIN	UM726	47.85580	35,000 ft	14	-
FIX	AWY-HI	11.36810	10,668 m	-	-
MAH	UM726	48.26340	35,000 ft	24	MAISACH
VOR	AWY-HI	11.31190	10,668 m	-	
BESNI	UM726	48.64360	35,000 ft	22	-
FIX	AWY-HI	11.25170	10,668 m	-	-
ERNAS	UM726	48.84470	35,000 ft	12	-
FIX	AWY-HI	11.21940	10,668 m	-	-
UPALA	UM726	49.21440	35,000 ft	22	-
FIX	AWY-HI	11.22140	10,668 m	-	-
RODOG	Z109	49.58420	35,000 ft	22	-
FIX	AWY-HI	11.12440	10,668 m	-	-
BAMAS	Z109	49.88000	35,000 ft	18	-
FIX	AWY-HI	11.04580	10,668 m	-	-
EBESI	Z109	50.07530	35,000 ft	11	-
FIX	AWY-HI	11.04000	10,668 m	-	-
PIBAD	Z109	50.38860	35,000 ft	18	-
FIX	AWY-HI	11.03030	10,668 m	-	-
BAMKI	Z109	50.71810	35,000 ft	19	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	11.02020	10,668 m		
BIRKA	Z109	51.37940	35,000 ft	39	-
FIX	AWY-LO	10.93170	10,668 m		
LARET	UM852	51.83440	35,000 ft	27	-
FIX	AWY-HI	10.86930	10,668 m		
POVEL	UM852	52.12840	35,000 ft	17	-
FIX	AWY-HI	10.82780	10,668 m		
HLZ	UM852	52.36340	35,000 ft	14	HEHLINGEN
VOR	AWY-HI	10.79520	10,668 m		
ULSEN	UM852	52.84580	35,000 ft	29	-
FIX	AWY-HI	10.58190	10,668 m		
DENIX	UM852	53.12880	35,000 ft	17	-
FIX	AWY-HI	10.45690	10,668 m		
AMLUH	UM852	53.42900	35,000 ft	18	-
FIX	AWY-HI	10.32250	10,668 m		
HAM	UM852	53.68560	35,000 ft	15	HAMBURG
VOR	AWY-HI	10.20500	10,668 m		
ABGEB	UM852	54.30940	35,000 ft	38	-
FIX	AWY-HI	9.94667	10,668 m		
UMVUP	UM852	54.39440	35,000 ft	5	-
FIX	AWY-HI	9.91083	10,668 m		
EKERN	UM852	54.50580	35,000 ft	6	-
FIX	AWY-HI	9.86387	10,668 m		
TUGDU	UM852	54.65280	35,000 ft	8	-
FIX	AWY-HI	9.91083	10,668 m		
ALASA	P615	54.80860	35,000 ft	9	-
FIX	AWY-HI	9.96167	10,668 m		
ALS	P615	54.90540	35,000 ft	5	ALSIE
VOR	AWY-HI	9.99338	10,668 m		
ASBIL	P615	55.37190	35,000 ft	28	-
FIX	AWY-HI	9.99389	10,668 m		
RIDSI	P615	55.59170	35,000 ft	13	-
FIX	AWY-HI	9.99417	10,668 m		
ABINO	P615	55.96830	35,000 ft	22	-
FIX	AWY-HI	9.99444	10,668 m		
LUTUS	P615	56.10080	35,000 ft	7	-
FIX	AWY-HI	9.99444	10,668 m		
RADIS	P615	56.54170	35,000 ft	26	-
FIX	AWY-HI	9.99500	10,668 m		
AAL	P615	57.10370	35,000 ft	33	AALBORG
VOR	AWY-HI	9.99558	10,668 m		
AAL	-	57.10390	35,000 ft	0	AALBORG VOR-DME
DME	-	9.99281	10,668 m		
ARTOR	P615	58.33440	24,700 ft	74	-
FIX	AWY-HI	10.14900	7,529 m		
ESOSI	Z128	58.58330	21,400 ft	15	-
FIX	AWY-HI	10.27360	6,523 m		
ENGM	-	60.19450	0 ft	99	Oslo Gardermoen
APT	-	11.09890	0 m		

## LIRF

Region: ITALY  
Timezone: EUROPE/ROME  
Runways: 3

Elevation: 13 ft / 4 m  
Location: 41.810800 12.250900  
Magnetic Var: 3.673 E

## METAR

LIRF 052020Z 29004KT CAVOK 20/17 Q1016 NOSIG

## TAF

TAF LIRF 051700Z 0518/0624 30011KT CAVOK BECMG 0519/0521 01006KT BECMG 0608/0610 30017KT BECMG 0620/0622 01006KT

## 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	246.03		0 m	0 m
16R	197 ft	12,814 ft	162.66	ASPHALT	0 ft	0 ft
	60 m	3,906 m	158.99		0 m	0 m
34L	197 ft	12,814 ft	342.67	ASPHALT	0 ft	0 ft
	60 m	3,906 m	339.00		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

## ENGM

Region: NORWAY  
Timezone: EUROPE/OSLO  
Runways: 2

Elevation: 681 ft / 208 m  
Location: 60.194500 11.098900  
Magnetic Var: 4.493 E

## METAR

ENGM 052020Z 20004KT 160V250 9999 -SHRA SCT049 SCT070 10/05 Q1002 NOSIG

## TAF

TAF ENGM 051700Z 0518/0618 20010KT 9999 FEW040 SCT090 PROB40 TEMPO 0518/0521 SHRA FEW030CB BKN040 TEMPO 0611/0618

## Frequencies

REC - 126.12 MHz - GARDERMOEN ARRIVAL INFORMATION  
CLD - 121.67 MHz - GARDERMOEN DELIVERY WEST  
GND - 121.75 MHz - GARDERMOEN GROUND  
GND - 121.90 MHz - GARDERMOEN GROUND EAST  
TWR - 120.10 MHz - GARDERMOEN TOWER  
APP - 120.45 MHz - OSLO APPROACH

REC - 127.15 MHz - GARDERMOEN DEPARTURE INFORMATION  
CLD - 121.92 MHz - GARDERMOEN DELIVERY EAST  
GND - 121.60 MHz - GARDERMOEN GROUND WEST  
TWR - 118.30 MHz - GARDERMOEN TOWER  
APP - 118.47 MHz - OSLO APPROACH

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01R	148 ft	9,664 ft	16.01	ASPHALT	0 ft	486 ft
	45 m	2,946 m	11.51		0 m	148 m
19L	148 ft	9,664 ft	196.02	ASPHALT	0 ft	489 ft
	45 m	2,946 m	191.53		0 m	149 m
01L	148 ft	11,797 ft	15.99	ASPHALT	0 ft	423 ft
	45 m	3,596 m	11.50		0 m	129 m
19R	148 ft	11,797 ft	196.01	ASPHALT	0 ft	486 ft
	45 m	3,596 m	191.52		0 m	148 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01L	DME	OBW	110.30 MHz	18 nm	-	-	709 ft
				33 km	-		709 m
01R	DME	ONE	111.95 MHz	18 nm	-	-	723 ft
				33 km	-		723 m
19L	DME	GME	110.55 MHz	18 nm	-	-	729 ft
				33 km	-		729 m
19R	DME	GSW	111.30 MHz	18 nm	-	-	727 ft
				33 km	-		727 m
01L	LOC-ILS	OBW	110.30 MHz	18 nm	16.00	-	681 ft
				33 km	11.51		681 m
01R	LOC-ILS	ONE	111.95 MHz	18 nm	16.04	-	681 ft
				33 km	11.55		681 m
19L	LOC-ILS	GME	110.55 MHz	18 nm	196.04	-	681 ft
				33 km	191.55		681 m
19R	LOC-ILS	GSW	111.30 MHz	18 nm	196.00	-	681 ft
				33 km	191.51		681 m
01L	GS	OBW	110.30 MHz	10 nm	16.00	3.00	681 ft
				19 km	11.51		681 m
01R	GS	ONE	111.95 MHz	10 nm	16.04	3.00	681 ft
				19 km	11.55		681 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
19L	GS	GME	110.55 MHz	10 nm	196.04	3.00	681 ft
				19 km	191.55		681 m
19R	GS	GSW	111.30 MHz	10 nm	196.00	3.00	681 ft
				19 km	191.51		681 m