

# LROP

Bucharest Henri Coanda

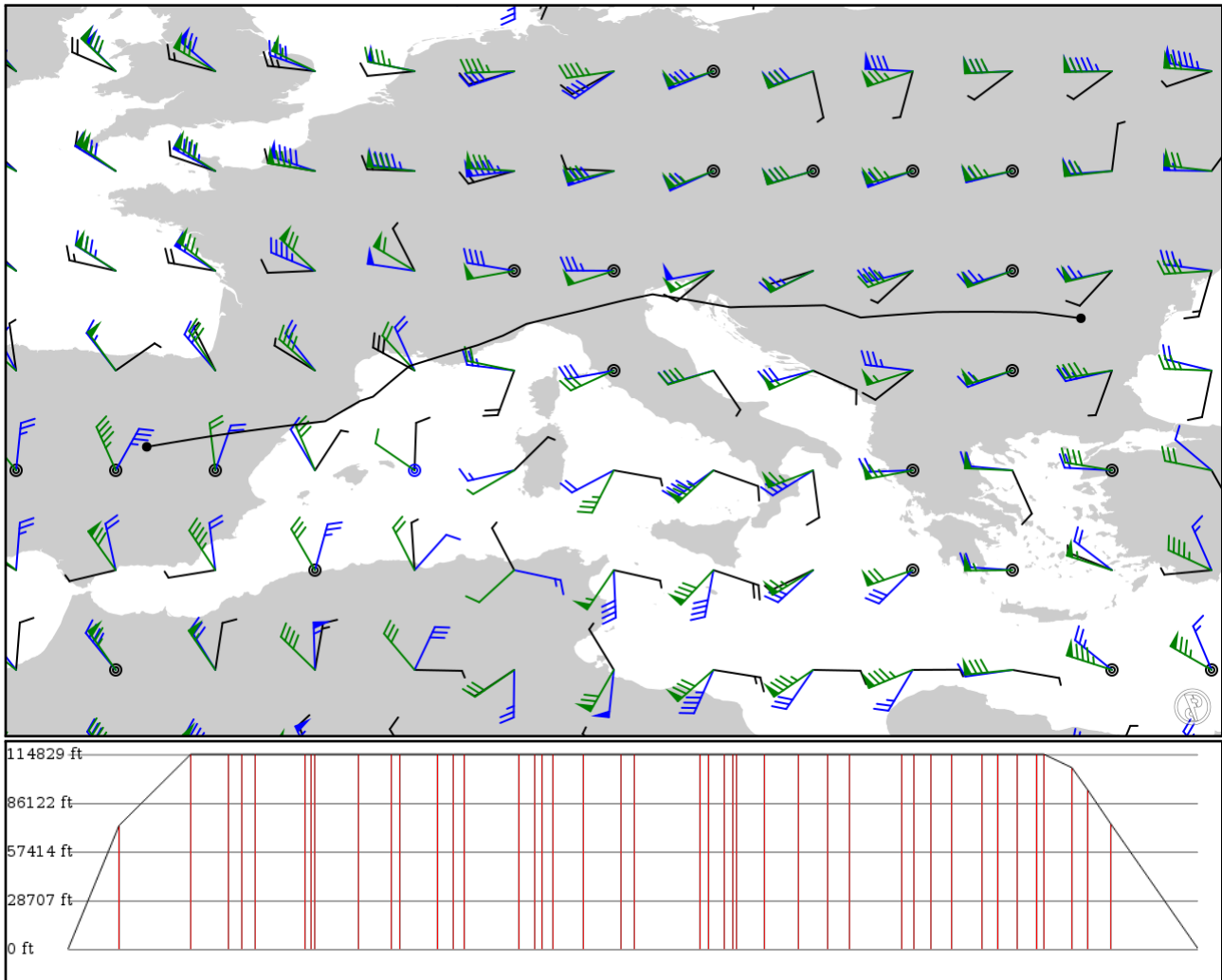
# LEMD

Adolfo Suárez Madrid-Barajas

2024/06/16 0836Z

LROP UBOGU L5 SOMUN N131 DER P11 OBALA L615 AKADO M196 LAGEN Q712 ENOBA Z185 BADBA UZ185 KOLON  
UM984 DIVKO UN975 RAMON UT520 CMA LEMD

1371.85 nm / 2540.66 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
LR0P	-	44.57230	0 ft	-	Bucharest Henri Coanda
APT	-	26.10230	0 m	-	
UB0GU	-	44.76310	22,200 ft	62	-
FIX	-	24.66830	6,767 m	-	-
PADGU	L5	44.77860	35,000 ft	87	-
FIX	AWY-HI	22.61060	10,668 m	-	-
VELIP	L5	44.77180	35,000 ft	45	-
FIX	AWY-HI	21.53330	10,668 m	-	-
DONIV	L5	44.74890	35,000 ft	15	-
FIX	AWY-LO	21.16960	10,668 m	-	-
IRGOR	L5	44.72280	35,000 ft	16	-
FIX	AWY-LO	20.77660	10,668 m	-	-
ENUPU	L5	44.61700	35,000 ft	60	-
FIX	AWY-LO	19.36270	10,668 m	-	-
LOPLI	L5	44.60580	35,000 ft	5	-
FIX	AWY-LO	19.22390	10,668 m	-	-
SOMUN	L5	44.59640	35,000 ft	5	-
FIX	AWY-LO	19.10500	10,668 m	-	-
DER	N131	44.98410	35,000 ft	53	DERVENTA
VOR	AWY-LO	17.96950	10,668 m	-	
TIVNU	P11	44.96470	35,000 ft	38	-
FIX	AWY-LO	17.05940	10,668 m	-	-
KOMAR	P11	44.95810	35,000 ft	10	-
FIX	AWY-LO	16.80420	10,668 m	-	-
RASTU	P11	44.94220	35,000 ft	45	-
FIX	AWY-LO	15.74330	10,668 m	-	-
DABAR	P11	44.93220	35,000 ft	20	-
FIX	AWY-LO	15.27030	10,668 m	-	-
OBALA	P11	44.92030	35,000 ft	12	-
FIX	AWY-LO	14.97250	10,668 m	-	-
NAKIT	L615	45.18810	35,000 ft	66	-
FIX	AWY-LO	13.44780	10,668 m	-	-
ROTAR	L615	45.26280	35,000 ft	19	-
FIX	AWY-LO	12.99560	10,668 m	-	-
TULIK	L615	45.28390	35,000 ft	8	-
FIX	AWY-LO	12.78920	10,668 m	-	-
AKADO	L615	45.33330	35,000 ft	12	-
FIX	AWY-HI	12.50000	10,668 m	-	-
KOPER	M196	45.15390	35,000 ft	37	-
FIX	AWY-HI	11.64140	10,668 m	-	-
IBTOK	M196	44.91190	35,000 ft	44	-
FIX	AWY-HI	10.64970	10,668 m	-	-
OSBUL	M196	44.82220	35,000 ft	16	-
FIX	AWY-HI	10.29330	10,668 m	-	-
LAGEN	M196	44.39420	35,000 ft	80	-
FIX	AWY-HI	8.49806	10,668 m	-	-
EN0BA	Q712	44.29970	35,000 ft	9	-
FIX	AWY-HI	8.30639	10,668 m	-	-
ASBOP	Z185	44.12420	35,000 ft	18	-
FIX	AWY-HI	7.95333	10,668 m	-	-
BORDI	Z185	44.02310	35,000 ft	10	-
FIX	AWY-HI	7.75194	10,668 m	-	-
BADBA	Z185	43.99000	35,000 ft	4	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	7.66333	10,668 m		
KOLON	UZ185	43.72190	35,000 ft	34	-
FIX	AWY-HI	6.95333	10,668 m		
GANGU	UM984	43.46310	35,000 ft	40	-
FIX	AWY-HI	6.08472	10,668 m		
PADKO	UM984	43.23170	35,000 ft	35	-
FIX	AWY-HI	5.33306	10,668 m		
DIVKO	UM984	43.05620	35,000 ft	26	-
FIX	AWY-HI	4.77692	10,668 m		
NILDU	UN975	42.26030	35,000 ft	63	-
FIX	AWY-HI	3.82861	10,668 m		
BISBA	UN975	42.08640	35,000 ft	13	-
FIX	AWY-HI	3.62581	10,668 m		
BGR	UN975	41.94770	35,000 ft	20	BAGUR
VOR	AWY-HI	3.20886	10,668 m		
NENDA	UN975	41.68430	35,000 ft	25	-
FIX	AWY-HI	2.75133	10,668 m		
BCN	UN975	41.30710	35,000 ft	36	BARCELONA
VOR	AWY-HI	2.10781	10,668 m		
ANTON	UN975	41.25990	35,000 ft	18	-
FIX	AWY-HI	1.69825	10,668 m		
SELVA	UN975	41.19620	35,000 ft	24	-
FIX	AWY-HI	1.16628	10,668 m		
OSLAP	UN975	41.13400	35,000 ft	22	-
FIX	AWY-HI	0.66672	10,668 m		
SALAS	UN975	41.10970	35,000 ft	8	-
FIX	AWY-HI	0.47636	10,668 m		
RAMON	UN975	41.00930	32,600 ft	35	-
FIX	AWY-HI	-0.28517	9,936 m		
RUBEO	UT520	40.95410	28,600 ft	18	-
FIX	AWY-HI	-0.68647	8,717 m		
CMA	UT520	40.86730	22,500 ft	28	CALAMOCHA
VOR	AWY-HI	-1.29806	6,858 m		
LEMD	-	40.49530	0 ft	105	Adolfo Suárez Madrid-Barajas
APT	-	-3.56020	0 m		

## LROP

Region: ROMANIA  
Timezone: EUROPE/BUCHAREST  
Runways: 2

Elevation: 313 ft / 95 m  
Location: 44.572300 26.102300  
Magnetic Var: 6.301 E

## METAR

LROP 160800Z 10005KT 050V140 CAVOK 25/12 Q1012 NOSIG

## TAF

TAF LROP 160500Z 1606/1706 VRB04KT CAVOK PROB30 TEMPO 1610/1618 22010KT

## Frequencies

REC - 118.50 MHz - OTOPENI ATIS  
TWR - 121.85 MHz - OTOPENI TWR

GND - 121.70 MHz - OTOPENI GND  
APP - 118.25 MHz - BUCHAREST APP

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08R	148 ft	11,494 ft	83.90	ASPHALT	0 ft	0 ft
	45 m	3,503 m	77.60		0 m	0 m
26L	148 ft	11,494 ft	263.93	ASPHALT	0 ft	0 ft
	45 m	3,503 m	257.63		0 m	0 m
08L	148 ft	11,493 ft	83.91	ASPHALT	0 ft	0 ft
	45 m	3,503 m	77.60		0 m	0 m
26R	148 ft	11,493 ft	263.94	ASPHALT	0 ft	0 ft
	45 m	3,503 m	257.64		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	DME	ILL	110.90 MHz	18 nm	-	-	400 ft
				33 km	-		400 m
08R	DME	IOP	110.30 MHz	18 nm	-	-	400 ft
				33 km	-		400 m
26L	DME	IOE	109.10 MHz	18 nm	-	-	314 ft
				33 km	-		314 m
26R	DME	IRR	110.70 MHz	18 nm	-	-	400 ft
				33 km	-		400 m
08L	LOC-ILS	ILL	110.90 MHz	18 nm	83.74	-	314 ft
				33 km	77.44		314 m
08R	LOC-ILS	IOP	110.30 MHz	18 nm	83.74	-	303 ft
				33 km	77.44		303 m
26L	LOC-ILS	IOE	109.10 MHz	18 nm	264.11	-	314 ft
				33 km	257.81		314 m
26R	LOC-ILS	IRR	110.70 MHz	18 nm	264.12	-	314 ft
				33 km	257.82		314 m
08L	GS	ILL	110.90 MHz	10 nm	84.84	3.00	314 ft
				19 km	78.54		314 m
08R	GS	IOP	110.30 MHz	10 nm	84.81	2.70	314 ft
				19 km	78.51		314 m
26L	GS	IOE	109.10 MHz	10 nm	264.81	2.70	303 ft
				19 km	258.51		303 m
26R	GS	IRR	110.70 MHz	10 nm	264.84	3.00	314 ft
				19 km	258.54		314 m

## LEMD

Region: SPAIN  
Timezone: EUROPE/MADRID  
Runways: 4

Elevation: 1,998 ft / 609 m  
Location: 40.495300 -3.560200  
Magnetic Var: 0.090 E

## METAR

LEMD 160800Z 35005KT 310V070 CAVOK 21/04 Q1015 NOSIG

## TAF

TAF AMD LEMD 160610Z 1606/1712 VRB04KT CAVOK TX32/1615Z TN12/1606Z BECMG 1611/1613 23010KT PROB40 TEMPO 1613/1617

## Frequencies

REC - 130.85 MHz - ATIS DEPARTURE	REC - 118.25 MHz - ATIS ARRIVAL
TWR - 120.65 MHz - BARAJAS TOWER	TWR - 120.15 MHz - BARAJAS TOWER
TWR - 119.50 MHz - BARAJAS TOWER	TWR - 118.15 MHz - BARAJAS TOWER
GND - 121.75 MHz - BARAJAS GROUND	GND - 123.15 MHz - BARAJAS GROUND
GND - 121.70 MHz - BARAJAS APRON	GND - 123.25 MHz - BARAJAS APRON
GND - 121.85 MHz - BARAJAS APRON	GND - 123.00 MHz - BARAJAS APRON
CLD - 130.35 MHz - CLEARANCE DELIVERY	CLD - 130.00 MHz - CLEARANCE DELIVERY
APP - 127.50 MHz - MADRID APPROACH	APP - 136.10 MHz - MADRID APPROACH
APP - 134.00 MHz - MADRID APPROACH	APP - 130.80 MHz - MADRID APPROACH
APP - 127.10 MHz - MADRID APPROACH	APP - 124.00 MHz - MADRID APPROACH
APP - 118.75 MHz - MADRID APPROACH	APP - 118.40 MHz - MADRID APPROACH
DEP - 131.17 MHz - MADRID DEPARTURE	DEP - 124.22 MHz - MADRID DEPARTURE
APP - 134.95 MHz - MADRID DIRECT	APP - 128.70 MHz - MADRID DIRECT

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
14R	197 ft	13,097 ft	142.31	ASPHALT	0 ft	0 ft
	60 m	3,992 m	142.22		0 m	0 m
32L	197 ft	13,097 ft	322.32	ASPHALT	3,041 ft	0 ft
	60 m	3,992 m	322.23		927 m	0 m
18R	197 ft	13,723 ft	179.75	ASPHALT	2,644 ft	0 ft
	60 m	4,183 m	179.66		806 m	0 m
36L	197 ft	13,723 ft	359.75	ASPHALT	0 ft	0 ft
	60 m	4,183 m	359.66		0 m	0 m
14L	197 ft	11,494 ft	142.31	ASPHALT	0 ft	0 ft
	60 m	3,504 m	142.22		0 m	0 m
32R	197 ft	11,494 ft	322.33	ASPHALT	1,627 ft	0 ft
	60 m	3,504 m	322.24		496 m	0 m
18L	197 ft	11,494 ft	179.76	ASPHALT	1,621 ft	0 ft
	60 m	3,503 m	179.67		494 m	0 m
36R	197 ft	11,494 ft	359.76	ASPHALT	0 ft	0 ft
	60 m	3,503 m	359.67		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
18L	DME	IML	111.50 MHz	18 nm	-	-	1,916 ft
				33 km	-		1,916 m
18R	DME	IMR	110.70 MHz	18 nm	-	-	1,986 ft
				33 km	-		1,986 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
32L	DME	MAA	109.90 MHz	18 nm	-	-	1,998 ft
				33 km	-		1,998 m
32R	DME	MBB	109.10 MHz	18 nm	-	-	1,998 ft
				33 km	-		1,998 m
18L	LOC-ILS	IML	111.50 MHz	18 nm	179.76	-	1,998 ft
				33 km	179.67		1,998 m
18R	LOC-ILS	IMR	110.70 MHz	18 nm	179.75	-	1,998 ft
				33 km	179.66		1,998 m
32L	LOC-ILS	MAA	109.90 MHz	18 nm	322.32	-	1,998 ft
				33 km	322.23		1,998 m
32R	LOC-ILS	MBB	109.10 MHz	18 nm	322.33	-	1,998 ft
				33 km	322.24		1,998 m
18L	GS	IML	111.50 MHz	10 nm	179.76	3.00	1,998 ft
				19 km	179.67		1,998 m
18R	GS	IMR	110.70 MHz	10 nm	179.75	3.00	1,978 ft
				19 km	179.66		1,978 m
32L	GS	MAA	109.90 MHz	10 nm	322.32	3.00	1,998 ft
				19 km	322.23		1,998 m
32R	GS	MBB	109.10 MHz	10 nm	322.33	3.00	1,998 ft
				19 km	322.24		1,998 m