

LEBL

Josep Tarradellas Barcelona-El Prat

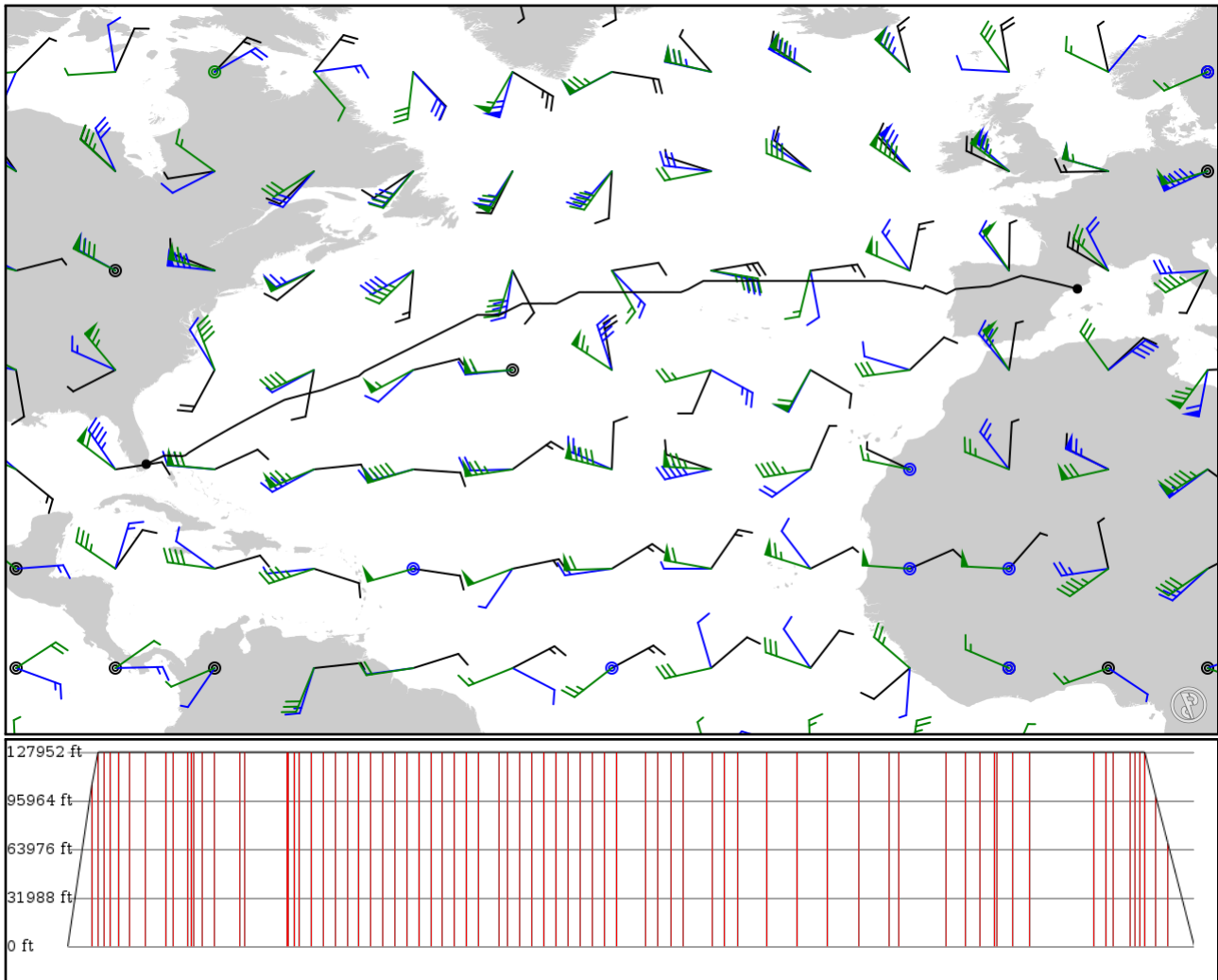
KMIA

Miami Intl

2024/05/17 0203Z

LEBL DIRMU **UN725** DGO **UN976** ZMR **UL155** OTREG **G414** DIRMA **UZ29** MIMBO DIDIT **UZ28** BANAL LUPOV EKROL
4200N01600W 4200N01700W 4200N01800W 4200N01900W 4200N02000W 4200N02100W 4200N02200W 4200N02300W
4200N02400W 4200N02500W 4200N02600W 4200N02700W 4200N02800W 4200N02900W 4200N03000W 4200N03100W
LUKAL 4100N03300W 4100N03400W 4100N03500W 4100N03600W 4100N03700W 4100N03800W 4100N03900W
4100N04000W 4100N04100W 4100N04200W 4000N04400W 4000N04500W 4000N04600W 4000N04700W 3900N04900W
3900N05000W 3900N05100W 3800N05300W 3700N05500W 3600N05700W 3500N05900W 3400N06100W LAZEY **M329**
BDA **M328** NATHY MRRSH **BR70V** ZFP KMIA

4208.92 nm / 7794.92 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 39000ft
- 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		Via	Lat	Alt	Dist	Name
Type			Lon		(nm)	
LEBL	-	41.29510	0 ft	-	Josep Tarradellas	Barcelona-El Prat
APT	-	2.08803	0 m			
DIRMU	-	41.78550	32,600 ft	91	-	
FIX	-	0.15958	9,936 m			
VAKIN	UN725	41.90480	39,000 ft	24	-	
FIX	AWY-HI	-0.35331	11,887 m			
ZARKO	UN725	42.00490	39,000 ft	20	-	
FIX	AWY-HI	-0.79281	11,887 m			
LARDA	UN725	42.13160	39,000 ft	26	-	
FIX	AWY-HI	-1.36208	11,887 m			
VASUM	UN725	42.27190	39,000 ft	30	-	
FIX	AWY-HI	-2.01100	11,887 m			
DGO	UN725	42.45330	39,000 ft	40	DOMINGO	
VOR	AWY-HI	-2.88069	11,887 m			
NEA	UN976	42.02760	39,000 ft	60	TABANERA	
VOR	AWY-HI	-4.10914	11,887 m			
ZMR	UN976	41.53020	39,000 ft	74	ZAMORA	
VOR	AWY-HI	-5.63969	11,887 m			
ADORO	UL155	41.48300	39,000 ft	28	-	
FIX	AWY-HI	-6.28000	11,887 m			
CANAR	UL155	41.38580	39,000 ft	53	-	
FIX	AWY-HI	-7.46972	11,887 m			
BELDU	UL155	41.35860	39,000 ft	13	-	
FIX	AWY-HI	-7.77722	11,887 m			
IBERO	UL155	41.34560	39,000 ft	6	-	
FIX	AWY-HI	-7.91972	11,887 m			
OTREG	UL155	41.27310	39,000 ft	34	-	
FIX	AWY-HI	-8.68778	11,887 m			
DIRMA	G414	40.85170	39,000 ft	44	-	
FIX	AWY-LO	-9.50083	11,887 m			
MIMBO	UZ29	41.57080	39,000 ft	95	-	
FIX	AWY-HI	-11.37720	11,887 m			
DIDIT	-	41.32000	39,000 ft	17	-	
FIX	-	-11.57170	11,887 m			
BANAL	UZ28	42.00000	39,000 ft	159	-	
FIX	AWY-HI	-15.00000	11,887 m			
LUPOV	-	42.00000	39,000 ft	3	-	
FIX	-	-15.08330	11,887 m			
EKROL	-	42.00000	39,000 ft	22	-	
FIX	-	-15.58330	11,887 m			
4200N01600W	-	42.00000	39,000 ft	18	-	
LATLON	-	-16.00000	11,887 m			
4200N01700W	-	42.00000	39,000 ft	44	-	
LATLON	-	-17.00000	11,887 m			
4200N01800W	-	42.00000	39,000 ft	44	-	
LATLON	-	-18.00000	11,887 m			
4200N01900W	-	42.00000	39,000 ft	44	-	
LATLON	-	-19.00000	11,887 m			
4200N02000W	-	42.00000	39,000 ft	44	-	
LATLON	-	-20.00000	11,887 m			
4200N02100W	-	42.00000	39,000 ft	44	-	
LATLON	-	-21.00000	11,887 m			
4200N02200W	-	42.00000	39,000 ft	44	-	

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-22.00000	11,887 m		
4200N02300W	-	42.00000	39,000 ft	44	-
LATLON	-	-23.00000	11,887 m		
4200N02400W	-	42.00000	39,000 ft	44	-
LATLON	-	-24.00000	11,887 m		
4200N02500W	-	42.00000	39,000 ft	44	-
LATLON	-	-25.00000	11,887 m		
4200N02600W	-	42.00000	39,000 ft	44	-
LATLON	-	-26.00000	11,887 m		
4200N02700W	-	42.00000	39,000 ft	44	-
LATLON	-	-27.00000	11,887 m		
4200N02800W	-	42.00000	39,000 ft	44	-
LATLON	-	-28.00000	11,887 m		
4200N02900W	-	42.00000	39,000 ft	44	-
LATLON	-	-29.00000	11,887 m		
4200N03000W	-	42.00000	39,000 ft	44	-
LATLON	-	-30.00000	11,887 m		
4200N03100W	-	42.00000	39,000 ft	44	-
LATLON	-	-31.00000	11,887 m		
LUKAL	-	41.25310	39,000 ft	75	-
FIX	-	-32.35580	11,887 m		
4100N03300W	-	41.00000	39,000 ft	32	-
LATLON	-	-33.00000	11,887 m		
4100N03400W	-	41.00000	39,000 ft	45	-
LATLON	-	-34.00000	11,887 m		
4100N03500W	-	41.00000	39,000 ft	45	-
LATLON	-	-35.00000	11,887 m		
4100N03600W	-	41.00000	39,000 ft	45	-
LATLON	-	-36.00000	11,887 m		
4100N03700W	-	41.00000	39,000 ft	45	-
LATLON	-	-37.00000	11,887 m		
4100N03800W	-	41.00000	39,000 ft	45	-
LATLON	-	-38.00000	11,887 m		
4100N03900W	-	41.00000	39,000 ft	45	-
LATLON	-	-39.00000	11,887 m		
4100N04000W	-	41.00000	39,000 ft	45	-
LATLON	-	-40.00000	11,887 m		
4100N04100W	-	41.00000	39,000 ft	45	-
LATLON	-	-41.00000	11,887 m		
4100N04200W	-	41.00000	39,000 ft	45	-
LATLON	-	-42.00000	11,887 m		
4000N04400W	-	40.00000	39,000 ft	109	-
LATLON	-	-44.00000	11,887 m		
4000N04500W	-	40.00000	39,000 ft	46	-
LATLON	-	-45.00000	11,887 m		
4000N04600W	-	40.00000	39,000 ft	46	-
LATLON	-	-46.00000	11,887 m		
4000N04700W	-	40.00000	39,000 ft	46	-
LATLON	-	-47.00000	11,887 m		
3900N04900W	-	39.00000	39,000 ft	110	-
LATLON	-	-49.00000	11,887 m		
3900N05000W	-	39.00000	39,000 ft	46	-
LATLON	-	-50.00000	11,887 m		
3900N05100W	-	39.00000	39,000 ft	46	-
LATLON	-	-51.00000	11,887 m		
3800N05300W	-	38.00000	39,000 ft	111	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-53.00000	11,887 m		
3700N05500W	-	37.00000	39,000 ft	112	-
LATLON	-	-55.00000	11,887 m		
3600N05700W	-	36.00000	39,000 ft	113	-
LATLON	-	-57.00000	11,887 m		
3500N05900W	-	35.00000	39,000 ft	114	-
LATLON	-	-59.00000	11,887 m		
3400N06100W	-	34.00000	39,000 ft	115	-
LATLON	-	-61.00000	11,887 m		
LAZEY	-	33.58900	39,000 ft	34	-
FIX	-	-61.48500	11,887 m		
BDA	M329	32.36440	39,000 ft	177	BERMUDA
VOR	AWY-HI	-64.68960	11,887 m		
PIERC	M328	32.03520	39,000 ft	69	-
FIX	AWY-HI	-65.99950	11,887 m		
QRTET	M328	31.75230	39,000 ft	57	-
FIX	AWY-HI	-67.07740	11,887 m		
ANTIG	M328	31.48470	39,000 ft	52	-
FIX	AWY-HI	-68.06050	11,887 m		
EMAKO	M328	31.39640	39,000 ft	10	-
FIX	AWY-HI	-68.23870	11,887 m		
TASNI	M328	30.90030	39,000 ft	58	-
FIX	AWY-HI	-69.22490	11,887 m		
GRAMN	M328	30.36910	39,000 ft	62	-
FIX	AWY-HI	-70.25390	11,887 m		
ILIDO	M328	28.24460	39,000 ft	239	-
FIX	AWY-HI	-74.12390	11,887 m		
CNNOR	M328	27.83330	39,000 ft	44	-
FIX	AWY-HI	-74.83330	11,887 m		
ROTHM	M328	27.55840	39,000 ft	30	-
FIX	AWY-HI	-75.30440	11,887 m		
SLEMA	M328	26.96480	39,000 ft	63	-
FIX	AWY-HI	-76.28100	11,887 m		
BAAGR	M328	26.81750	39,000 ft	15	-
FIX	AWY-HI	-76.52190	11,887 m		
NATHY	M328	26.58440	39,000 ft	20	-
FIX	AWY-HI	-76.81190	11,887 m		
MRRSH	-	26.51130	39,000 ft	15	-
FIX	-	-77.08320	11,887 m		
GRREG	BR70V	26.53530	30,200 ft	42	-
FIX	AWY-HI	-77.87890	9,205 m		
ZFP	BR70V	26.55530	20,800 ft	44	FREEPORT
VOR	AWY-HI	-78.69790	6,340 m		
KMIA	-	25.79620	0 ft	97	Miami Intl
APT	-	-80.28970	0 m		

LEBL

Region: SPAIN
Timezone: EUROPE/MADRID
Runways: 3

Elevation: 14 ft / 4 m
Location: 41.295100 2.088030
Magnetic Var: 1.543 E

METAR

LEBL 170130Z 34006KT CAVOK 14/12 Q1009 NOSIG

TAF

TAF LEBL 162300Z 1700/1724 01006KT 9999 SCT015 TX21/1712Z TN13/1706Z PROB30 TEMPO 1706/1712 RA FEW015TCU TEMPO 17

Frequencies

REC - 121.97 MHz - ATIS	REC - 118.65 MHz - ATIS
TWR - 118.32 MHz - BARCELONA TOWER	TWR - 118.10 MHz - BARCELONA TOWER
TWR - 122.82 MHz - BARCELONA TOWER	TWR - 122.10 MHz - BARCELONA TOWER
GND - 122.22 MHz - BARCELONA GROUND	GND - 121.70 MHz - BARCELONA GROUND
GND - 121.65 MHz - BARCELONA GROUND	CLD - 121.80 MHz - CLEARANCE DELIVERY
APP - 121.15 MHz - BARCELONA APPROACH	APP - 119.10 MHz - BARCELONA APPROACH
APP - 135.27 MHz - BARCELONA APPROACH	APP - 133.97 MHz - BARCELONA APPROACH
APP - 131.12 MHz - BARCELONA APPROACH	APP - 127.70 MHz - BARCELONA APPROACH
APP - 126.50 MHz - BARCELONA APPROACH	APP - 124.70 MHz - BARCELONA APPROACH
APP - 125.25 MHz - BARCELONA APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
02	148 ft	8,307 ft	18.91	ASPHALT	0 ft	0 ft
	45 m	2,532 m	17.37		0 m	0 m
20	148 ft	8,307 ft	198.92	ASPHALT	0 ft	226 ft
	45 m	2,532 m	197.37		0 m	69 m
07R	197 ft	8,722 ft	65.48	ASPHALT	0 ft	0 ft
	60 m	2,658 m	63.94		0 m	0 m
25L	197 ft	8,722 ft	245.50	ASPHALT	0 ft	0 ft
	60 m	2,658 m	243.96		0 m	0 m
07L	197 ft	10,984 ft	65.48	ASPHALT	1,401 ft	0 ft
	60 m	3,348 m	63.94		427 m	0 m
25R	197 ft	10,984 ft	245.50	ASPHALT	0 ft	0 ft
	60 m	3,348 m	243.96		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
02	DME	BLT	108.75 MHz	25 nm	-	-	12 ft
				46 km	-		12 m
07L	DME	QAA	110.30 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
07R	DME	BLE	110.75 MHz	18 nm	-	-	30 ft
				33 km	-		30 m
25L	DME	BLW	111.50 MHz	18 nm	-	-	14 ft
				33 km	-		14 m
25R	DME	BCA	109.50 MHz	18 nm	-	-	30 ft
				33 km	-		30 m
02	LOC-ILS	BLT	108.75 MHz	18 nm	18.92	-	14 ft
				33 km	17.38		14 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	LOC-ILS	QAA	110.30 MHz	18 nm	65.50	-	14 ft
				33 km	63.96		14 m
07R	LOC-ILS	BLE	110.75 MHz	18 nm	65.50	-	14 ft
				33 km	63.96		14 m
25L	LOC-ILS	BLW	111.50 MHz	18 nm	245.50	-	14 ft
				33 km	243.96		14 m
25R	LOC-ILS	BCA	109.50 MHz	18 nm	245.50	-	14 ft
				33 km	243.96		14 m
02	GS	BLT	108.75 MHz	10 nm	18.92	3.00	14 ft
				19 km	17.38		14 m
07L	GS	QAA	110.30 MHz	10 nm	65.50	3.00	14 ft
				19 km	63.96		14 m
07R	GS	BLE	110.75 MHz	10 nm	65.50	3.00	14 ft
				19 km	63.96		14 m
25L	GS	BLW	111.50 MHz	10 nm	245.50	3.00	14 ft
				19 km	243.96		14 m
25R	GS	BCA	109.50 MHz	10 nm	245.50	3.00	14 ft
				19 km	243.96		14 m

KMIA

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 4

Elevation: 11 ft / 3 m
Location: 25.796200 -80.289700
Magnetic Var: 7.275 W

METAR

KMIA 170053Z 25006KT 10SM FEW070 SCT250 29/23 A2988 RMK A02 SLP117 T02890233 \$

TAF

KMIA 162325Z 1700/1806 27010KT P6SM FEW030 SCT250 FM170100 VRB04KT P6SM SCT030 SCT250 FM171600 22007KT P6SM SCT030

Frequencies

REC - 119.15 MHz - D-ATIS
COM - 123.00 MHz - UNICOM
GND - 121.80 MHz - MIAMI GROUND
TWR - 118.30 MHz - MIAMI TOWER
APP - 120.50 MHz - MIAMI APPROACH
APP - 125.75 MHz - MIAMI APPROACH
DEP - 125.50 MHz - MIAMI DEPARTURE

REC - 133.67 MHz - D-ATIS
CLD - 135.35 MHz - CLEARANCE DELIVERY
GND - 127.50 MHz - MIAMI GROUND
TWR - 123.90 MHz - MIAMI TOWER
APP - 124.85 MHz - MIAMI APPROACH
DEP - 119.45 MHz - MIAMI DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	151 ft	13,027 ft	87.37	CONCRETE	1,371 ft	384 ft
	46 m	3,971 m	94.65		418 m	117 m
27	151 ft	13,027 ft	267.39	CONCRETE	276 ft	374 ft
	46 m	3,971 m	274.66		84 m	114 m
08R	200 ft	10,515 ft	87.38	CONCRETE	0 ft	407 ft
	61 m	3,205 m	94.65		0 m	124 m
26L	200 ft	10,515 ft	267.39	CONCRETE	0 ft	407 ft
	61 m	3,205 m	274.67		0 m	124 m
08L	151 ft	8,607 ft	87.38	CONCRETE	0 ft	387 ft
	46 m	2,624 m	94.66		0 m	118 m
26R	151 ft	8,607 ft	267.39	CONCRETE	0 ft	387 ft
	46 m	2,624 m	274.67		0 m	118 m
12	151 ft	9,366 ft	119.61	CONCRETE	0 ft	397 ft
	46 m	2,855 m	126.89		0 m	121 m
30	151 ft	9,366 ft	299.62	CONCRETE	948 ft	0 ft
	46 m	2,855 m	306.90		289 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	DME	IROY	109.30 MHz	18 nm	-	-	8 ft
				33 km	-		8 m
08R	DME	IMFA	110.30 MHz	18 nm	-	-	8 ft
				33 km	-		8 m
12	DME	IGEM	108.90 MHz	18 nm	-	-	14 ft
				33 km	-		14 m
26L	DME	IVIN	109.10 MHz	18 nm	-	-	12 ft
				33 km	-		12 m
26R	DME	ICNV	109.30 MHz	18 nm	-	-	8 ft
				33 km	-		8 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
30	DME	IDCX	111.70 MHz	18 nm	-	-	8 ft
				33 km	-		8 m
08R	LOC-ILS	IMFA	110.30 MHz	18 nm	87.37	-	4 ft
				33 km	94.65		4 m
09	LOC-ILS	IBUL	110.90 MHz	18 nm	87.37	-	4 ft
				33 km	94.65		4 m
12	LOC-ILS	IGEM	108.90 MHz	18 nm	119.60	-	4 ft
				33 km	126.88		4 m
26L	LOC-ILS	IVIN	109.10 MHz	18 nm	267.37	-	4 ft
				33 km	274.65		4 m
27	LOC-ILS	IMIA	109.50 MHz	18 nm	267.37	-	4 ft
				33 km	274.65		4 m
30	LOC-ILS	IDCX	111.70 MHz	18 nm	299.60	-	4 ft
				33 km	306.88		4 m
08L	LOC-LOC	IROY	109.30 MHz	18 nm	87.36	-	4 ft
				33 km	94.64		4 m
26R	LOC-LOC	ICNV	109.30 MHz	18 nm	267.36	-	4 ft
				33 km	274.64		4 m
08R	GS	IMFA	110.30 MHz	10 nm	87.37	3.00	4 ft
				19 km	94.65		4 m
09	GS	IBUL	110.90 MHz	10 nm	87.37	3.00	4 ft
				19 km	94.65		4 m
12	GS	IGEM	108.90 MHz	10 nm	119.60	3.00	4 ft
				19 km	126.88		4 m
26L	GS	IVIN	109.10 MHz	10 nm	267.37	3.00	4 ft
				19 km	274.65		4 m
27	GS	IMIA	109.50 MHz	10 nm	267.37	3.00	4 ft
				19 km	274.65		4 m
30	GS	IDCX	111.70 MHz	10 nm	299.60	3.00	4 ft
				19 km	306.88		4 m