LEBL
Barcelona - El Prat

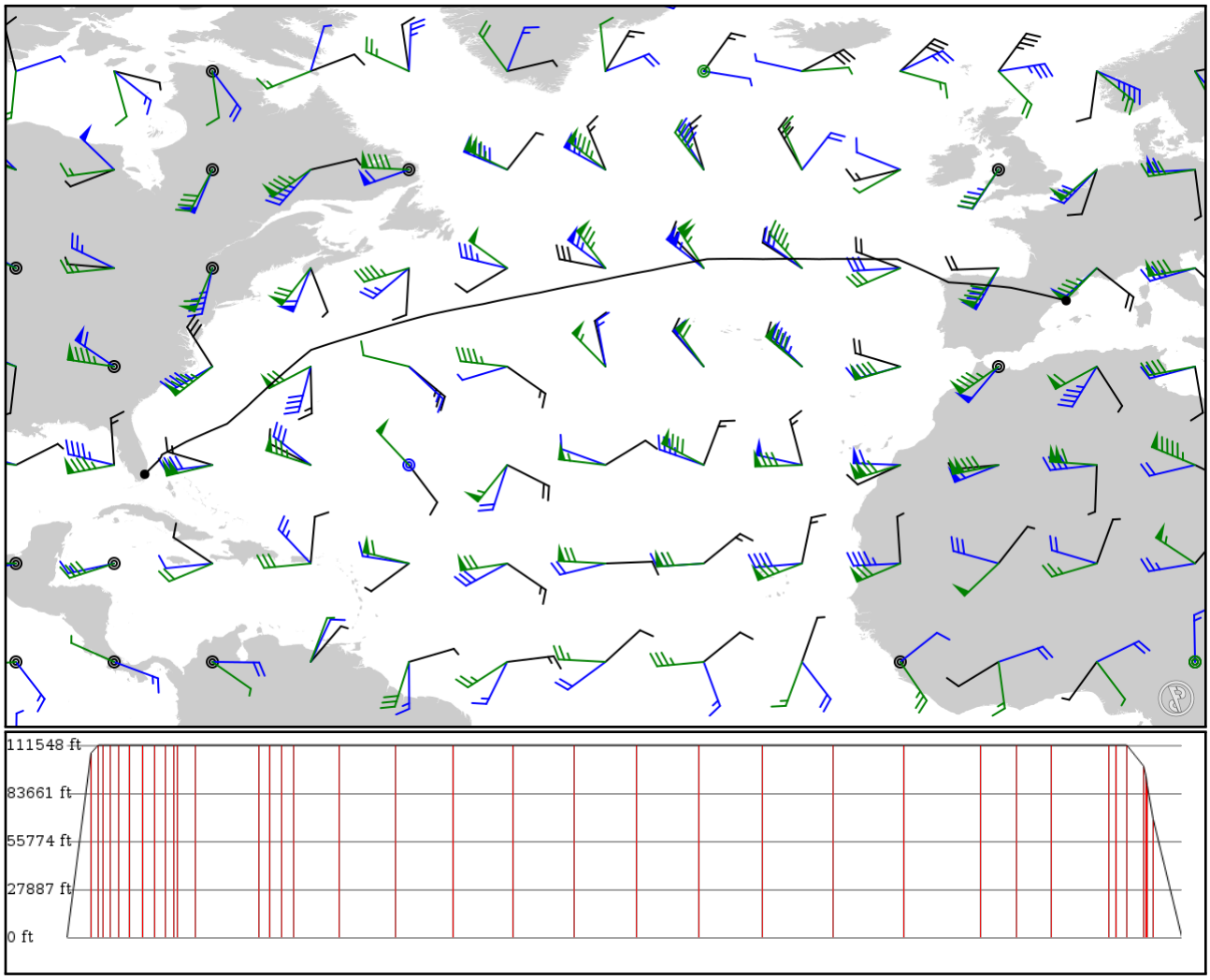
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KMIA
Miami Intl

2024/03/29 0520Z

LEBL DIRMU **UN725** STG **UM450** PASAS 22SNT 4500N01500W 71SNT 4500N02000W 4500N02500W 4500N03000W 4400N03500W 4300N04000W 4200N04500W 4100N05000W 4000N05500W SOORY KWLTY **A647** DRIBL **N6A** SUMRS **A699** LOUIZ **N28C** NUCAR **A699** RAMJT **AR18** WOLFO BENZI KMIA

4134.03 nm / 7656.22 km



Notes

Basic altitude profile:
- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 38000ft
- 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	–	41.29511	0 ft	–	Barcelona – El Prat
APT	–	2.08803	0 m		
DIRMU	–	41.78551	32,600 ft	91	–
FIX	–	0.15964	9,936 m		
KUMAN	UN725	41.90484	34,000 ft	24	–
FIX	AWY-HI	-0.35331	10,363 m		
ZARKO	UN725	42.00492	34,000 ft	20	–
FIX	AWY-HI	-0.79281	10,363 m		
LARDA	UN725	42.13158	34,000 ft	26	–
FIX	AWY-HI	-1.36209	10,363 m		
VASUM	UN725	42.27167	34,000 ft	30	–
FIX	AWY-HI	-2.01083	10,363 m		
DGO	UN725	42.45331	34,000 ft	40	DOMINGO VOR-DME
VOR	AWY-HI	-2.88071	10,363 m		
RATAS	UN725	42.57445	34,000 ft	51	–
FIX	AWY-HI	-4.03077	10,363 m		
NUBLO	UN725	42.66598	34,000 ft	42	–
FIX	AWY-HI	-4.98888	10,363 m		
VEDER	UN725	42.74296	34,000 ft	39	–
FIX	AWY-HI	-5.86964	10,363 m		
KORET	UN725	42.79763	34,000 ft	30	–
FIX	AWY-HI	-6.55014	10,363 m		
KAROL	UN725	42.82540	34,000 ft	16	–
FIX	AWY-HI	-6.91722	10,363 m		
STG	UN725	42.92687	34,000 ft	66	SANTIAGO VOR-DME
VOR	AWY-HI	-8.42539	10,363 m		
PASAS	UM450	45.00000	34,000 ft	233	–
FIX	AWY-HI	-13.00000	10,363 m		
22SNT	–	45.00000	34,000 ft	42	–
FIX	–	-14.00000	10,363 m		
4500N01500W	–	45.00000	34,000 ft	42	–
LATLON	–	-15.00000	10,363 m		
71SNT	–	45.00000	34,000 ft	42	–
FIX	–	-16.00000	10,363 m		
4500N02000W	–	45.00000	34,000 ft	169	–
LATLON	–	-20.00000	10,363 m		
4500N02500W	–	45.00000	34,000 ft	212	–
LATLON	–	-25.00000	10,363 m		
4500N03000W	–	45.00000	34,000 ft	212	–
LATLON	–	-30.00000	10,363 m		
4400N03500W	–	44.00000	34,000 ft	222	–
LATLON	–	-35.00000	10,363 m		
4300N04000W	–	43.00000	34,000 ft	225	–
LATLON	–	-40.00000	10,363 m		
4200N04500W	–	42.00000	34,000 ft	229	–
LATLON	–	-45.00000	10,363 m		
4100N05000W	–	41.00000	34,000 ft	232	–
LATLON	–	-50.00000	10,363 m		
4000N05500W	–	40.00000	34,000 ft	236	–
LATLON	–	-55.00000	10,363 m		
SOORY	–	38.50000	34,000 ft	260	–
FIX	–	-60.26758	10,363 m		
KWLTY	–	36.90270	34,000 ft	262	–

Ident	Via	Lat	Alt	Dist	Name
Type		Lon		(nm)	
FIX	–	-65.41037	10,363 m		
LACKI	A647	33.48836	34,000 ft	282	–
FIX	AWY-HI	-69.37967	10,363 m		
TETTI	A647	31.79635	34,000 ft	136	–
FIX	AWY-HI	-71.18603	10,363 m		
DRIBL	A647	30.30754	34,000 ft	126	–
FIX	AWY-HI	-72.91709	10,363 m		
SUMRS	N6A	28.71169	34,000 ft	213	–
FIX	AWY-HI	-76.55850	10,363 m		
LOUIZ	A699	28.47283	34,000 ft	27	–
FIX	AWY-HI	-77.00000	10,363 m		
NUCAR	N28C	28.12603	34,000 ft	39	–
FIX	AWY-HI	-77.63300	10,363 m		
STIFF	A699	27.60518	30,300 ft	62	–
FIX	AWY-HI	-78.64612	9,235 m		
RAMJT	A699	27.52044	28,500 ft	8	–
FIX	AWY-HI	-78.78000	8,687 m		
WOLFO	AR18	27.40234	26,900 ft	7	–
FIX	AWY-HI	-78.79724	8,199 m		
BENZI	–	27.06364	20,900 ft	23	–
FIX	–	-79.01488	6,370 m		
KMIA	–	25.79617	0 ft	102	Miami Intl
APT	–	-80.28974	0 m		

LEBL

Region: SPAIN
Timezone: EUROPE/MADRID
Runways: 3

Elevation: 14 ft / 4 m
Location: 41.295100 2.088030
Magnetic Var: 1.528 E

METAR

LEBL 290500Z 23004KT 8000 FEW012 SCT017 14/13 Q1000 NOSIG

TAF

TAF LEBL 282300Z 2900/2924 20007KT 9999 SCT015 TX19/2913Z TN14/2906Z PROB40 TEMPO 2900/2910 BKN010 BECMG 2907/290

Frequencies

REC - 121.97 MHz - ATIS
TWR - 118.32 MHz - BARCELONA TOWER
TWR - 122.82 MHz - BARCELONA TOWER
GND - 122.22 MHz - BARCELONA GROUND
GND - 121.65 MHz - BARCELONA GROUND
APP - 121.15 MHz - BARCELONA APPROACH
APP - 135.27 MHz - BARCELONA APPROACH
APP - 131.12 MHz - BARCELONA APPROACH
APP - 126.50 MHz - BARCELONA APPROACH
APP - 125.25 MHz - BARCELONA APPROACH

REC - 118.65 MHz - ATIS
TWR - 118.10 MHz - BARCELONA TOWER
TWR - 122.10 MHz - BARCELONA TOWER
GND - 121.70 MHz - BARCELONA GROUND
CLD - 121.80 MHz - CLEARANCE DELIVERY
APP - 119.10 MHz - BARCELONA APPROACH
APP - 133.97 MHz - BARCELONA APPROACH
APP - 127.70 MHz - BARCELONA APPROACH
APP - 124.70 MHz - BARCELONA APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
02	148 ft 45 m	8,307 ft 2,532 m	18.91 17.38	ASPHALT	0 ft 0 m	0 ft 0 m
20	148 ft 45 m	8,307 ft 2,532 m	198.92 197.39	ASPHALT	0 ft 0 m	226 ft 69 m
07R	197 ft 60 m	8,722 ft 2,658 m	65.48 63.96	ASPHALT	0 ft 0 m	0 ft 0 m
25L	197 ft 60 m	8,722 ft 2,658 m	245.50 243.97	ASPHALT	0 ft 0 m	0 ft 0 m
07L	197 ft 60 m	10,984 ft 3,348 m	65.48 63.95	ASPHALT	1,401 ft 427 m	0 ft 0 m
25R	197 ft 60 m	10,984 ft 3,348 m	245.50 243.98	ASPHALT	0 ft 0 m	0 ft 0 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
02	DME	BLT	108.75 MHz	25 nm 46 km	- -	-	12 ft 12 m
07L	DME	QAA	110.30 MHz	18 nm 33 km	- -	-	13 ft 13 m
07R	DME	BLE	110.75 MHz	18 nm 33 km	- -	-	30 ft 30 m
25L	DME	BLW	111.50 MHz	18 nm 33 km	- -	-	14 ft 14 m
25R	DME	BCA	109.50 MHz	18 nm 33 km	- -	-	30 ft 30 m
02	LOC-ILS	BLT	108.75 MHz	18 nm 33 km	18.92 17.39	-	14 ft 14 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	LOC-ILS	QAA	110.30 MHz	18 nm 33 km	65.50 63.97	-	14 ft 14 m
07R	LOC-ILS	BLE	110.75 MHz	18 nm 33 km	65.50 63.97	-	14 ft 14 m
25L	LOC-ILS	BLW	111.50 MHz	18 nm 33 km	245.50 243.97	-	14 ft 14 m
25R	LOC-ILS	BCA	109.50 MHz	18 nm 33 km	245.50 243.97	-	14 ft 14 m
02	GS	BLT	108.75 MHz	10 nm 19 km	18.92 17.39	3.00	14 ft 14 m
07L	GS	QAA	110.30 MHz	10 nm 19 km	65.50 63.97	3.00	14 ft 14 m
07R	GS	BLE	110.75 MHz	10 nm 19 km	65.50 63.97	3.00	14 ft 14 m
25L	GS	BLW	111.50 MHz	10 nm 19 km	245.50 243.97	3.00	14 ft 14 m
25R	GS	BCA	109.50 MHz	10 nm 19 km	245.50 243.97	3.00	14 ft 14 m

KMIA

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

Elevation: 11 ft / 3 m
Location: 25.796200 -80.289700
Magnetic Var: 7.262 W

METAR

KMIA 290453Z 33006KT 10SM CLR 21/13 A3002 RMK AO2 SLP166 T02060133 403060206

TAF

KMIA 290258Z 2903/3006 33007KT P6SM SKC FM291400 03011G20KT P6SM FEW030 FM300000 05007KT P6SM SKC

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 46 m	13,027 ft 3,971 m	87.37 94.63	CONCRETE	1,371 ft 418 m	384 ft 117 m
27	151 ft 46 m	13,027 ft 3,971 m	267.39 274.65	CONCRETE	276 ft 84 m	374 ft 114 m
08R	200 ft 61 m	10,515 ft 3,205 m	87.38 94.64	CONCRETE	0 ft 0 m	407 ft 124 m
26L	200 ft 61 m	10,515 ft 3,205 m	267.39 274.65	CONCRETE	0 ft 0 m	407 ft 124 m
08L	151 ft 46 m	8,607 ft 2,624 m	87.38 94.64	CONCRETE	0 ft 0 m	387 ft 118 m
26R	151 ft 46 m	8,607 ft 2,624 m	267.39 274.65	CONCRETE	0 ft 0 m	387 ft 118 m
12	151 ft 46 m	9,366 ft 2,855 m	119.61 126.87	CONCRETE	0 ft 0 m	397 ft 121 m
30	151 ft 46 m	9,366 ft 2,855 m	299.62 306.88	CONCRETE	948 ft 289 m	0 ft 0 m

Approach Navaids

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

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
30	DME	IDCX	111.70 MHz	18 nm 33 km	– –	–	8 ft 8 m
08R	LOC-ILS	IMFA	110.30 MHz	18 nm 33 km	87.37 94.63	–	4 ft 4 m
09	LOC-ILS	IBUL	110.90 MHz	18 nm 33 km	87.37 94.63	–	4 ft 4 m
12	LOC-ILS	IGEM	108.90 MHz	18 nm 33 km	119.60 126.86	–	4 ft 4 m
26L	LOC-ILS	IVIN	109.10 MHz	18 nm 33 km	267.37 274.63	–	4 ft 4 m
27	LOC-ILS	IMIA	109.50 MHz	18 nm 33 km	267.37 274.63	–	4 ft 4 m
30	LOC-ILS	IDCX	111.70 MHz	18 nm 33 km	299.60 306.86	–	4 ft 4 m
08L	LOC-LOC	IROY	109.30 MHz	18 nm 33 km	87.36 94.62	–	4 ft 4 m
26R	LOC-LOC	ICNV	109.30 MHz	18 nm 33 km	267.36 274.62	–	4 ft 4 m
08R	GS	IMFA	110.30 MHz	10 nm 19 km	87.37 94.63	3.00	4 ft 4 m
09	GS	IBUL	110.90 MHz	10 nm 19 km	87.37 94.63	3.00	4 ft 4 m
12	GS	IGEM	108.90 MHz	10 nm 19 km	119.60 126.86	3.00	4 ft 4 m
26L	GS	IVIN	109.10 MHz	10 nm 19 km	267.37 274.63	3.00	4 ft 4 m
27	GS	IMIA	109.50 MHz	10 nm 19 km	267.37 274.63	3.00	4 ft 4 m
30	GS	IDCX	111.70 MHz	10 nm 19 km	299.60 306.86	3.00	4 ft 4 m