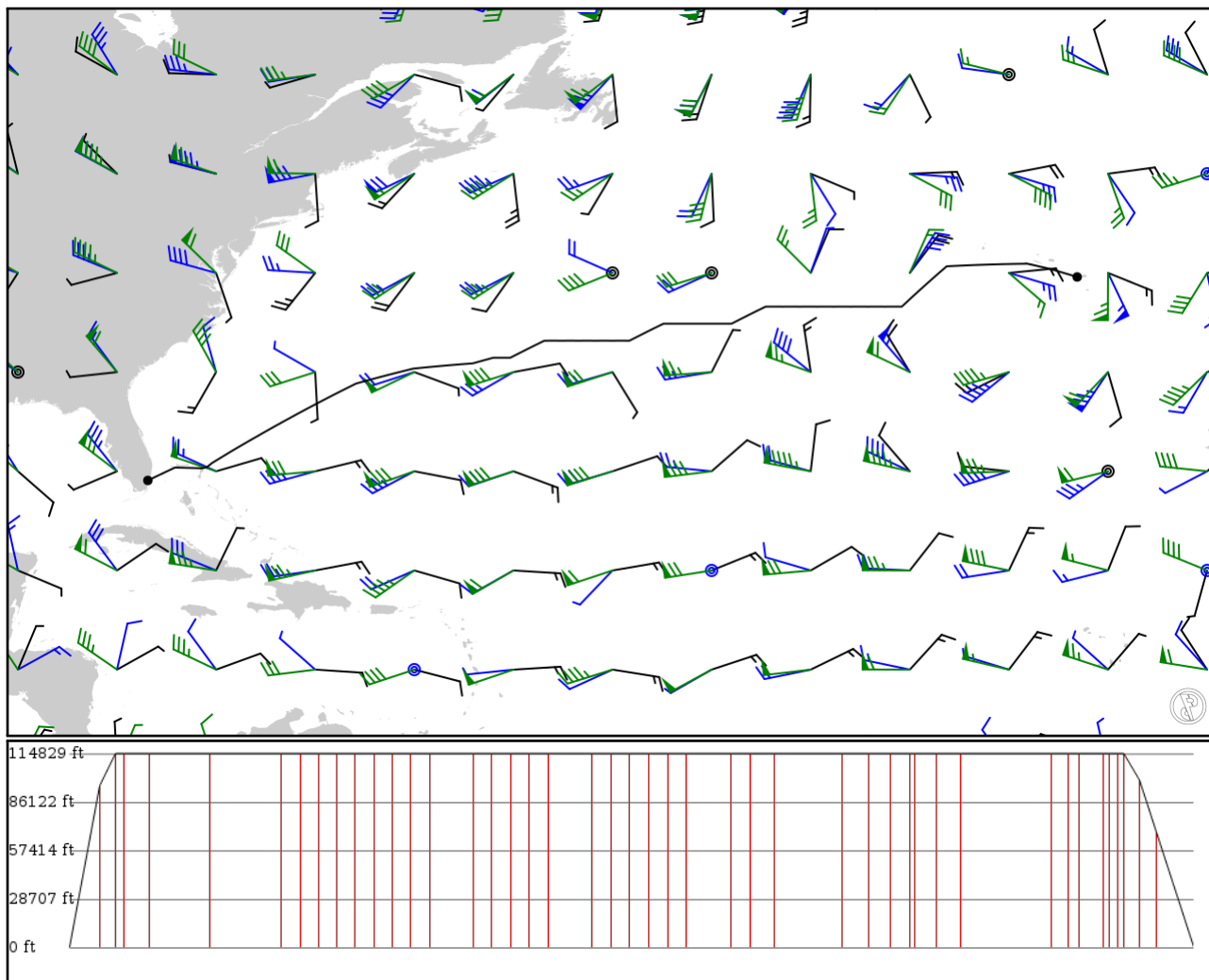


2024/05/02 1355Z

LPPD SOMUL **H114** VFL **H131** INBOX 3600N0-3600W 3600N0-3700W 3600N0-3800W 3600N0-3900W 3600N0-4000W
3600N0-4100W 3600N0-4200W 3600N0-4300W 3600N0-4400W 3500N0-4600W 3500N0-4700W 3500N0-4800W
3500N0-4900W 3500N0-5000W 3400N0-5200W 3400N0-5300W 3400N0-5400W 3400N0-5500W 3400N0-5600W
3400N0-5700W 3300N0-5900W 3300N0-6000W NUMBR **M328** NATHY MRRSH **BR70V** ZFP KMIA

2957.18 nm / 5476.69 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
LPPD	-	37.74200	0 ft	-	PONTA DELGADA
APT	-	-25.69750	0 m		
SOMUL	-	38.22250	29,200 ft	81	-
FIX	-	-27.31690	8,900 m		
BANIX	H114	38.40560	35,000 ft	39	-
FIX	AWY-HI	-28.11310	10,668 m		
VFL	H114	38.51940	35,000 ft	24	HORTA
VOR	AWY-HI	-28.62360	10,668 m		
INBUL	H131	38.49530	35,000 ft	64	-
FIX	AWY-HI	-30.00000	10,668 m		
INBOX	H131	38.36830	35,000 ft	158	-
FIX	AWY-HI	-33.36360	10,668 m		
3600N0-3600W	-	36.00000	35,000 ft	190	-
LATLON	-	-36.00000	10,668 m		
3600N0-3700W	-	36.00000	35,000 ft	48	-
LATLON	-	-37.00000	10,668 m		
3600N0-3800W	-	36.00000	35,000 ft	48	-
LATLON	-	-38.00000	10,668 m		
3600N0-3900W	-	36.00000	35,000 ft	48	-
LATLON	-	-39.00000	10,668 m		
3600N0-4000W	-	36.00000	35,000 ft	48	-
LATLON	-	-40.00000	10,668 m		
3600N0-4100W	-	36.00000	35,000 ft	48	-
LATLON	-	-41.00000	10,668 m		
3600N0-4200W	-	36.00000	35,000 ft	48	-
LATLON	-	-42.00000	10,668 m		
3600N0-4300W	-	36.00000	35,000 ft	48	-
LATLON	-	-43.00000	10,668 m		
3600N0-4400W	-	36.00000	35,000 ft	48	-
LATLON	-	-44.00000	10,668 m		
3500N0-4600W	-	35.00000	35,000 ft	114	-
LATLON	-	-46.00000	10,668 m		
3500N0-4700W	-	35.00000	35,000 ft	49	-
LATLON	-	-47.00000	10,668 m		
3500N0-4800W	-	35.00000	35,000 ft	49	-
LATLON	-	-48.00000	10,668 m		
3500N0-4900W	-	35.00000	35,000 ft	49	-
LATLON	-	-49.00000	10,668 m		
3500N0-5000W	-	35.00000	35,000 ft	49	-
LATLON	-	-50.00000	10,668 m		
3400N0-5200W	-	34.00000	35,000 ft	115	-
LATLON	-	-52.00000	10,668 m		
3400N0-5300W	-	34.00000	35,000 ft	49	-
LATLON	-	-53.00000	10,668 m		
3400N0-5400W	-	34.00000	35,000 ft	49	-
LATLON	-	-54.00000	10,668 m		
3400N0-5500W	-	34.00000	35,000 ft	49	-
LATLON	-	-55.00000	10,668 m		
3400N0-5600W	-	34.00000	35,000 ft	49	-
LATLON	-	-56.00000	10,668 m		
3400N0-5700W	-	34.00000	35,000 ft	49	-
LATLON	-	-57.00000	10,668 m		
3300N0-5900W	-	33.00000	35,000 ft	116	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-59.00000	10,668 m		
3300N0-6000W	-	33.00000	35,000 ft	50	-
LATLON	-	-60.00000	10,668 m		
NUMBR	-	32.67070	35,000 ft	63	-
FIX	-	-61.19230	10,668 m		
BDA	M328	32.36440	35,000 ft	178	BERMUDA
VOR	AWY-HI	-64.68960	10,668 m		
PIERC	M328	32.03520	35,000 ft	69	-
FIX	AWY-HI	-65.99950	10,668 m		
QRTET	M328	31.75230	35,000 ft	57	-
FIX	AWY-HI	-67.07740	10,668 m		
ANTIG	M328	31.48470	35,000 ft	52	-
FIX	AWY-HI	-68.06050	10,668 m		
EMAKO	M328	31.39640	35,000 ft	10	-
FIX	AWY-HI	-68.23870	10,668 m		
TASNI	M328	30.90030	35,000 ft	58	-
FIX	AWY-HI	-69.22490	10,668 m		
GRAMN	M328	30.36910	35,000 ft	62	-
FIX	AWY-HI	-70.25390	10,668 m		
ILIDO	M328	28.24460	35,000 ft	239	-
FIX	AWY-HI	-74.12390	10,668 m		
CNNOR	M328	27.83330	35,000 ft	44	-
FIX	AWY-HI	-74.83330	10,668 m		
ROTHM	M328	27.55840	35,000 ft	30	-
FIX	AWY-HI	-75.30440	10,668 m		
SLEMA	M328	26.96480	35,000 ft	63	-
FIX	AWY-HI	-76.28100	10,668 m		
BAAGR	M328	26.81750	35,000 ft	15	-
FIX	AWY-HI	-76.52190	10,668 m		
NATHY	M328	26.58440	35,000 ft	20	-
FIX	AWY-HI	-76.81190	10,668 m		
MRRSH	-	26.51130	35,000 ft	15	-
FIX	-	-77.08320	10,668 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		

LPPD

Region: PORTUGAL
Timezone: ATLANTIC/AZORES
Runways: 1

Elevation: 259 ft / 79 m
Location: 37.742000 -25.697600
Magnetic Var: 7.465 W

METAR

LPPD 021330Z 20017KT 4000 -SHRA BR SCT005 BKN012 18/17 Q1014

TAF

TAF LPPD 021100Z 0212/0312 19013KT 8000 -RA SCT008 BKN018 TEMPO 0212/0310 20015G25KT 3000 RADZ BR SCT002 BKN004 PR

Frequencies

REC - 123.90 MHz - ATIS
APP - 119.40 MHz - PONTA DELGADA APPROACH
TWR - 118.30 MHz - PONTA DELGADA TOWER

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
12	148 ft	8,243 ft	111.69	ASPHALT	102 ft	0 ft
	45 m	2,513 m	119.16		31 m	0 m
30	148 ft	8,243 ft	291.71	ASPHALT	784 ft	0 ft
	45 m	2,513 m	299.18		239 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
30	DME	NL	109.50 MHz	18 nm	-	-	259 ft
				33 km	-		259 m
30	LOC-ILS	NL	109.50 MHz	18 nm	291.70	-	259 ft
				33 km	299.16		259 m
30	GS	NL	109.50 MHz	10 nm	291.70	3.00	259 ft
				19 km	299.16		259 m

KMIA

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

Elevation: 11 ft / 3 m
Location: 25.796200 -80.289700
Magnetic Var: 7.271 W

METAR

KMIA 021253Z 10007KT 10SM SCT023 BKN050 26/20 A2995 RMK A02 SLP141 T02610200 \$

TAF

KMIA 021147Z 0212/0318 09007KT P6SM SCT030 SCT050 FM021400 10012KT P6SM VCSH SCT025 BKN050 FM022000 09011KT P6SM

Frequencies

REC - 119.15 MHz - D-ATIS	REC - 133.67 MHz - D-ATIS
COM - 123.00 MHz - UNICOM	CLD - 135.35 MHz - CLEARANCE DELIVERY
GND - 121.80 MHz - MIAMI GROUND	GND - 127.50 MHz - MIAMI GROUND
TWR - 118.30 MHz - MIAMI TOWER	TWR - 123.90 MHz - MIAMI TOWER
APP - 120.50 MHz - MIAMI APPROACH	APP - 124.85 MHz - MIAMI APPROACH
APP - 125.75 MHz - MIAMI APPROACH	DEP - 119.45 MHz - MIAMI DEPARTURE
DEP - 125.50 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	94.64		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	274.66		0 m	124 m
08L	151 ft	8,607 ft	87.38	CONCRETE	0 ft	387 ft
	46 m	2,624 m	94.65		0 m	118 m
26R	151 ft	8,607 ft	267.39	CONCRETE	0 ft	387 ft
	46 m	2,624 m	274.66		0 m	118 m
12	151 ft	9,366 ft	119.61	CONCRETE	0 ft	397 ft
	46 m	2,855 m	126.88		0 m	121 m
30	151 ft	9,366 ft	299.62	CONCRETE	948 ft	0 ft
	46 m	2,855 m	306.89		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	94.64		4 m
09	LOC-ILS	IBUL	110.90 MHz	18 nm	87.37	-	4 ft
				33 km	94.64		4 m
12	LOC-ILS	IGEM	108.90 MHz	18 nm	119.60	-	4 ft
				33 km	126.87		4 m
26L	LOC-ILS	IVIN	109.10 MHz	18 nm	267.37	-	4 ft
				33 km	274.64		4 m
27	LOC-ILS	IMIA	109.50 MHz	18 nm	267.37	-	4 ft
				33 km	274.64		4 m
30	LOC-ILS	IDCX	111.70 MHz	18 nm	299.60	-	4 ft
				33 km	306.87		4 m
08L	LOC-LOC	IROY	109.30 MHz	18 nm	87.36	-	4 ft
				33 km	94.63		4 m
26R	LOC-LOC	ICNV	109.30 MHz	18 nm	267.36	-	4 ft
				33 km	274.63		4 m
08R	GS	IMFA	110.30 MHz	10 nm	87.37	3.00	4 ft
				19 km	94.64		4 m
09	GS	IBUL	110.90 MHz	10 nm	87.37	3.00	4 ft
				19 km	94.64		4 m
12	GS	IGEM	108.90 MHz	10 nm	119.60	3.00	4 ft
				19 km	126.87		4 m
26L	GS	IVIN	109.10 MHz	10 nm	267.37	3.00	4 ft
				19 km	274.64		4 m
27	GS	IMIA	109.50 MHz	10 nm	267.37	3.00	4 ft
				19 km	274.64		4 m
30	GS	IDCX	111.70 MHz	10 nm	299.60	3.00	4 ft
				19 km	306.87		4 m