

MUCU

Santiago de Cuba Antonio Maceo Intl

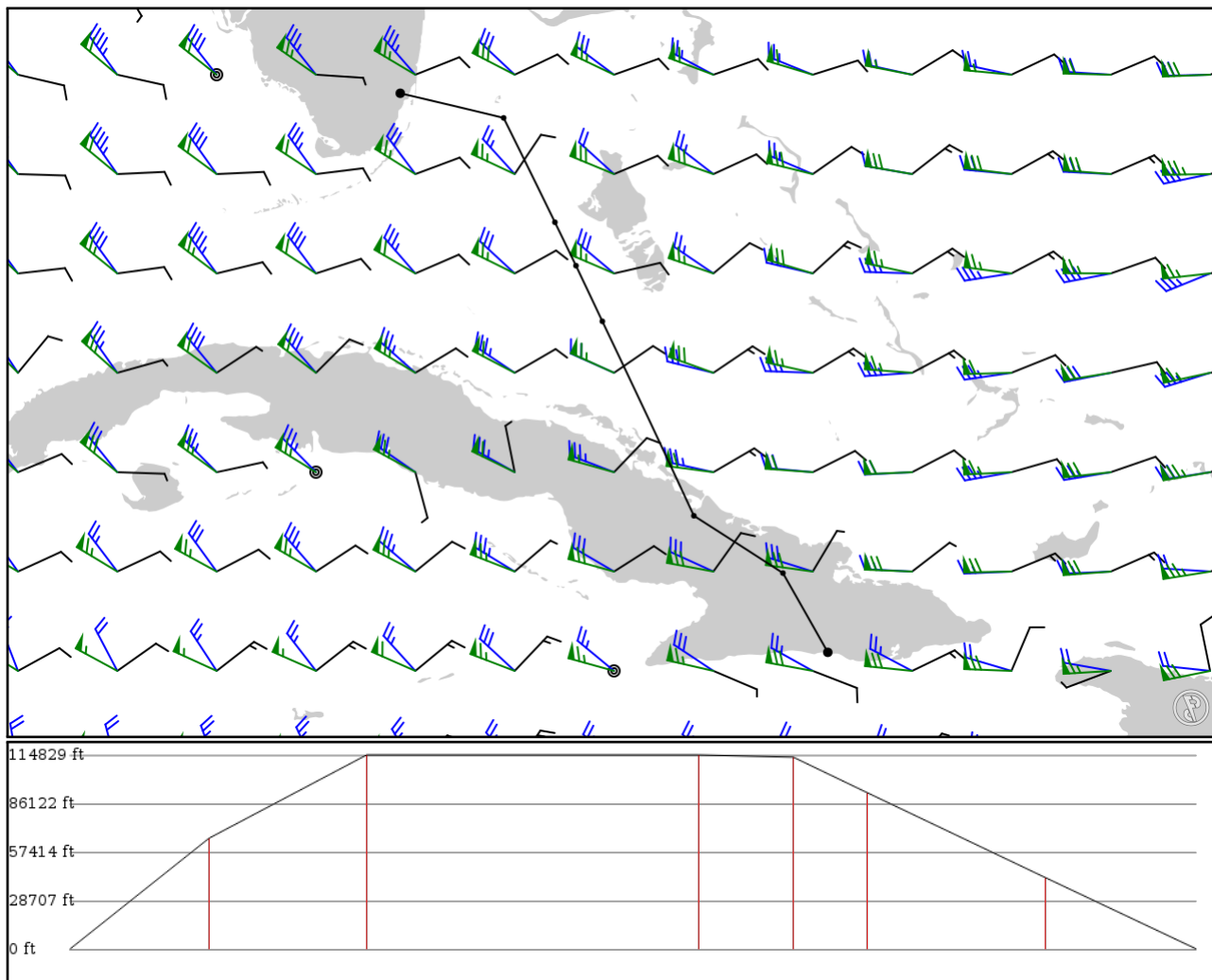
KMIA

Miami Intl

2024/05/06 0348Z

MUCU UHG J1 UNV **UB760** BORDO **B760** LEEVI KMIA

451.39 nm / 835.97 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
MUCU APT	-	19.97240 -75.83550	0 ft 0 m	-		Santiago de Cuba Antonio Maceo Intl
UHG VOR	-	20.79810 -76.30310	20,000 ft 6,096 m	56		HOLGUIN
UNV VOR	J1 AWY-HI	21.39500 -77.23080	35,000 ft 10,668 m	63		NUEVAS
IMELA FIX	UB760 AWY-HI	23.42060 -78.18420	35,000 ft 10,668 m	132	-	
BORDO FIX	UB760 AWY-HI	24.00010 -78.45890	34,600 ft 10,546 m	37	-	
MENDL FIX	B760 AWY-HI	24.45260 -78.67840	28,200 ft 8,595 m	29	-	
LEEVI FIX	B760 AWY-HI	25.53980 -79.21270	12,900 ft 3,932 m	71	-	
KMIA APT	-	25.79620 -80.28970	0 ft 0 m	60		Miami Intl

MUCU

Region: CUBA
Timezone: AMERICA/HAVANA
Runways: 2

Elevation: 249 ft / 76 m
Location: 19.972400 -75.835500
Magnetic Var: 9.042 W

METAR

MUCU 060250Z VRB03KT 8000 BKN020 26/23 Q1014

TAF

TAF MUCU 052300Z 0600/0624 VRB03KT 9000 SCT020 TEMPO 0600/0603 FEW018CB BKN020 BECMG 0614/0616 15010KT BKN020 TEM

Frequencies

TWR - 118.10 MHz - MACEO TOWER
GND - 122.80 MHz - MACEO GROUND
DEP - 122.80 MHz - CAMAGUEY DEPARTURE

APP - 126.90 MHz - CAMAGUEY RADIO
COM - 122.80 MHz - MACEO UNICOM

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10	164 ft	13,142 ft	89.37	ASPHALT	997 ft	0 ft
	50 m	4,006 m	98.41		304 m	0 m
28	164 ft	13,142 ft	269.38	ASPHALT	1,001 ft	0 ft
	50 m	4,006 m	278.42		305 m	0 m
18	148 ft	4,598 ft	179.40	ASPHALT	0 ft	0 ft
	45 m	1,401 m	188.44		0 m	0 m
36	148 ft	4,598 ft	359.40	ASPHALT	0 ft	0 ft
	45 m	1,401 m	8.44		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
10	LOC-ILS	ICU	110.70 MHz	18 nm	92.37	-	249 ft
				33 km	101.41		249 m
10	GS	ICU	110.70 MHz	10 nm	92.37	3.00	249 ft
				19 km	101.41		249 m

KMIA

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

Elevation: 11 ft / 3 m
Location: 25.796200 -80.289700
Magnetic Var: 7.272 W

METAR

KMIA 060253Z 11010KT 10SM FEW028 26/19 A3007 RMK A02 SLP181 T02560194 51017 \$

TAF

TAF KMIA 052320Z 0600/0706 11011G20KT P6SM SCT025 FM060300 09008KT P6SM FEW030 SCT250 FM061200 11011KT P6SM FEW02

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	94.64		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