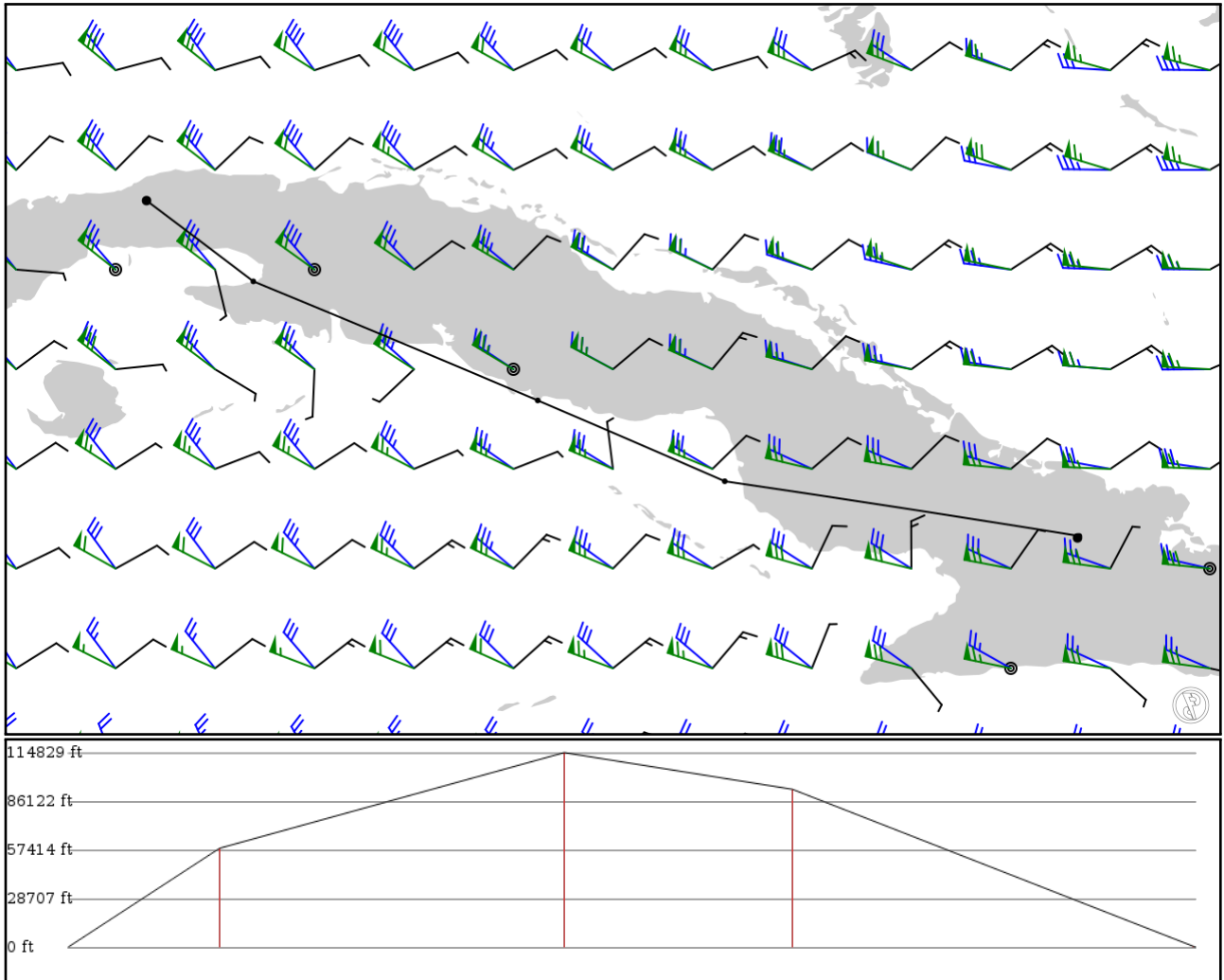


2024/06/16 0738Z

MUHA AVEPI J3 UKULO UL212 UHG MUHG

372.06 nm / 689.06 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
MUHA	-	22.98910	0 ft	-	Jose Marti Intl
APT	-	-82.40910	0 m		
AVEPI	-	22.46140	17,800 ft	50	-
FIX	-	-81.71000	5,425 m		
APRIK	J3	21.68350	35,000 ft	113	-
FIX	AWY-HI	-79.84830	10,668 m		
UKULO	J3	21.15580	28,400 ft	75	-
FIX	AWY-HI	-78.62420	8,656 m		
UHG	UL212	20.79810	200 ft	131	HOLGUIN
VOR	AWY-HI	-76.30300	61 m		
MUHG	-	20.78550	0 ft	1	Frank Pais Intl
APT	-	-76.31510	0 m		

## MUHA

Region: CUBA  
Timezone: AMERICA/HAVANA  
Runways: 1

Elevation: 208 ft / 63 m  
Location: 22.989100 -82.409100  
Magnetic Var: 5.670 W

## METAR

MUHA 160650Z 10006KT 070V140 9000 SCT030 27/25 Q1014

## TAF

MUHA 160500Z 1606/1706 09010KT 9000 SCT030 TEMPO 1621/1624 4000 TSRA SCT018CB BKN025

## Frequencies

REC - 132.50 MHz - ATIS  
TWR - 118.10 MHz - MARTI TOWER

GND - 121.90 MHz - MARTI GROUND  
APP - 120.30 MHz - HABANA APPROACH

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06	151 ft	13,135 ft	54.19	ASPHALT	0 ft	469 ft
	46 m	4,004 m	59.86		0 m	143 m
24	151 ft	13,135 ft	234.21	ASPHALT	0 ft	197 ft
	46 m	4,004 m	239.88		0 m	60 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06	LOC-ILS	IHA	110.50 MHz	18 nm	54.21	-	209 ft
				33 km	59.88		209 m
06	GS	IHA	110.50 MHz	10 nm	54.21	3.00	209 ft
				19 km	59.88		209 m

## MUHG

Region: CUBA  
Timezone: AMERICA/HAVANA  
Runways: 1

Elevation: 360 ft / 110 m  
Location: 20.785500 -76.315100  
Magnetic Var: 8.891 W

## METAR

MUHG 160650Z 06007KT CAVOK 26/24 Q1014

## TAF

TAF MUHG 160500Z 1606/1706 08006KT 9000 FEW020 BECMG 1618/1619 04012KT BECMG 1702/1703 06005KT

## Frequencies

TWR - 118.00 MHz - HOLGUIN TOWER

APP - 119.10 MHz - HOLGUIN APPROACH

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05	151 ft	10,633 ft	46.14	CONCRETE	318 ft	292 ft
	46 m	3,241 m	55.03		97 m	89 m
23	151 ft	10,633 ft	226.15	CONCRETE	0 ft	36 ft
	46 m	3,241 m	235.04		0 m	11 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05	LOC-ILS	IHG	111.30 MHz	18 nm	46.13	-	361 ft
				33 km	55.03		361 m
05	GS	IHG	111.30 MHz	10 nm	46.24	3.00	361 ft
				19 km	55.13		361 m