KADW
Andrews AFB

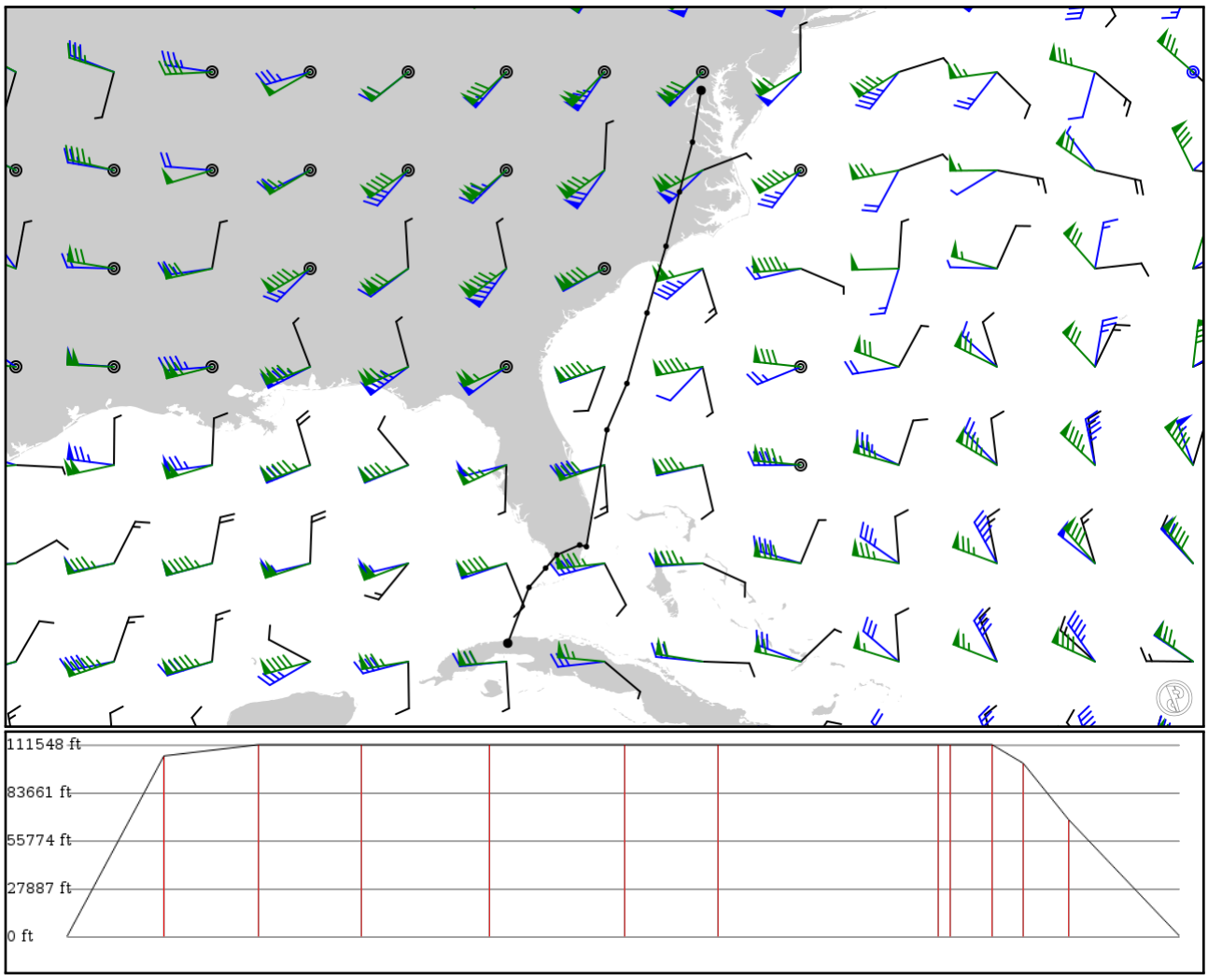
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MUHA
Havana Jose Marti Intl

2024/03/28 0851Z

KADW HPW **J191** ILM **AR15** HIBAC **AR17** VKZ DHP **J79** EYW MUHA

1025.82 nm / 1899.81 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: no
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KADW APT	–	38.81081 -76.86712	0 ft 0 m	–	Andrews AFB
HPW VOR	–	37.32886 -77.11594	32,000 ft 9,754 m	89	HOPEWELL VORTAC
PELTO FIX	J191 AWY-HI	35.90507 -77.48591	34,000 ft 10,363 m	87	–
ILM VOR	J191 AWY-HI	34.35167 -77.87439	34,000 ft 10,363 m	95	WILMINGTON VORTAC
METTA FIX	AR15 AWY-HI	32.44211 -78.41890	34,000 ft 10,363 m	117	–
BAHAA FIX	AR15 AWY-HI	30.42300 -78.99466	34,000 ft 10,363 m	124	–
HIBAC FIX	AR15 AWY-HI	29.09406 -79.56796	34,000 ft 10,363 m	85	–
VKZ DME	AR17 AWY-HI	25.75190 -80.15444	34,000 ft 10,363 m	203	VIRGINIA KEY VOR-DME
DHP VOR	–	25.79997 -80.34903	34,000 ft 10,363 m	10	DOLPHIN VORTAC
DVALL FIX	J79 AWY-HI	25.51469 -80.99896	34,000 ft 10,363 m	39	–
CARNU FIX	J79 AWY-HI	25.13837 -81.32559	30,700 ft 9,357 m	28	–
EYW DME	J79 AWY-HI	24.58588 -81.80048	20,700 ft 6,309 m	42	KEY WEST VORTAC
MUHA APT	–	22.98915 -82.40909	0 ft 0 m	101	Havana Jose Marti Intl

KADW

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 2

Elevation: 279 ft / 85 m
Location: 38.810800 -76.867100
Magnetic Var: 10.964 W

METAR

KADW 280828Z 35003KT 10SM BKN004 OVC017 08/07 A2996 RMK AO2A DZB09E11RAB11E25DZB25E28 CIG 003 RWY19L SLP153 $

TAF

TAF AMD KADW 280548Z 2805/2907 VRB05KT 8000 -RA BR BKN004 OVC008 QNH2997INS TEMPO 2805/2808 BKN006 OVC010 BECMG 28

Frequencies

CLD - 127.55 MHz - ANDREWS DELIVERY
TWR - 118.40 MHz - ANDREWS TOWER
DEP - 125.65 MHz - POTOMAC DEPARTURE
GND - 121.80 MHz - ANDREWS GROUND
APP - 119.30 MHz - POTOMAC APPROACH
REC - 113.10 MHz - ATIS

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01R	150 ft 46 m	9,769 ft 2,978 m	359.87 10.84	ASPHALT	0 ft 0 m	1,007 ft 307 m
19L	150 ft 46 m	9,769 ft 2,978 m	179.87 190.84	ASPHALT	0 ft 0 m	961 ft 293 m
01L	200 ft 61 m	11,322 ft 3,451 m	359.86 10.82	CONCRETE	1,001 ft 305 m	400 ft 122 m
19R	200 ft 61 m	11,322 ft 3,451 m	179.86 190.82	CONCRETE	997 ft 304 m	404 ft 123 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01L	LOC-ILS	IRWS	111.50 MHz	18 nm 33 km	359.86 10.82	-	279 ft 279 m
01R	LOC-ILS	IVJM	110.50 MHz	18 nm 33 km	359.87 10.83	-	279 ft 279 m
19L	LOC-ILS	IGQZ	110.50 MHz	18 nm 33 km	179.87 190.83	-	249 ft 249 m
19R	LOC-ILS	IMXK	111.50 MHz	18 nm 33 km	179.86 190.82	-	279 ft 279 m
01L	GS	IRWS	111.50 MHz	10 nm 19 km	359.86 10.82	3.00	279 ft 279 m
01R	GS	IVJM	110.50 MHz	10 nm 19 km	359.87 10.83	3.00	279 ft 279 m
19L	GS	IGQZ	110.50 MHz	10 nm 19 km	179.87 190.83	3.00	279 ft 279 m
19R	GS	IMXK	111.50 MHz	10 nm 19 km	179.86 190.82	3.00	279 ft 279 m

MUHA

Region: CUBA
Timezone: AMERICA/HAVANA
Runways: 1

Elevation: 208 ft / 63 m
Location: 22.989100 -82.409100
Magnetic Var: 5.644 W

METAR

MUHA 280750Z 20002KT 9000 FEW030 22/21 Q1013

TAF

MUHA 280500Z 2806/2906 VRB05KT 9000 FEW030 TEMPO 2806/2812 3000 PRFG BECMG 2815/2817 30010KT TEMPO 2818/2822 VRB1

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 46 m	13,135 ft 4,004 m	54.19 59.84	ASPHALT	0 ft 0 m	469 ft 143 m
24	151 ft 46 m	13,135 ft 4,004 m	234.21 239.85	ASPHALT	0 ft 0 m	197 ft 60 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06	LOC-ILS	IHA	110.50 MHz	18 nm 33 km	54.21 59.85	-	209 ft 209 m
06	GS	IHA	110.50 MHz	10 nm 19 km	54.21 59.85	3.00	209 ft 209 m