MPTO

Tocumen Intl

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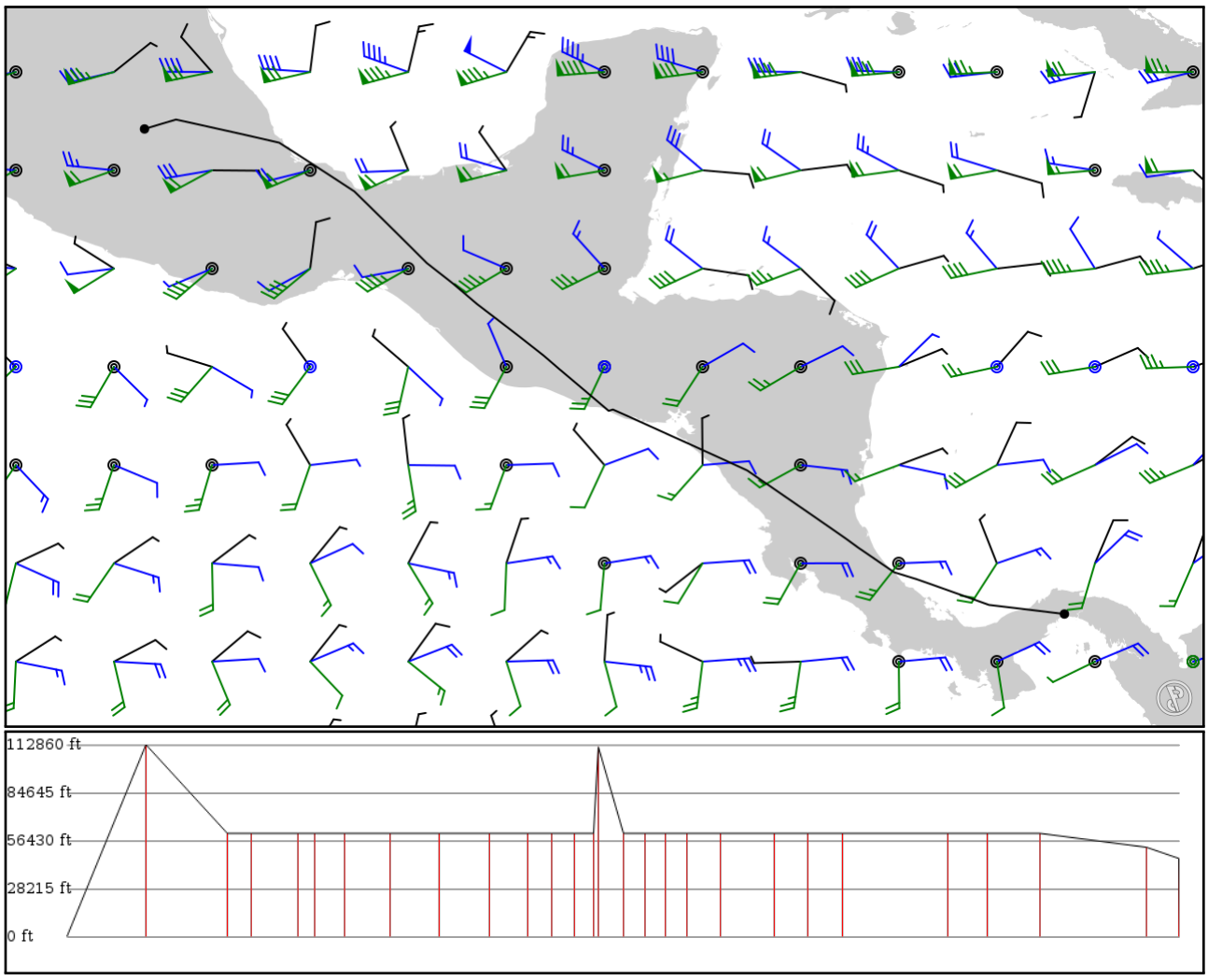
MMMX

Licenciado Benito Juarez Intl

2024/03/19 0554Z

MPTO BITOR **A317** CAT LAN **G436** AUR **A552** VER **V22** APN **V18** MEX MMMX

1344.06 nm / 2489.20 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: no

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
MPTO APT	–	9.07136 -79.38346	0 ft 0 m	–	Tocumen Intl
BITOR FIX	–	9.26667 -81.00000	34,400 ft 10,485 m	96	–
BUFEO FIX	A317 AWY-LO	9.81667 -82.55000	18,500 ft 5,639 m	97	–
LIO VOR	A317 AWY-LO	9.96314 -83.02717	18,500 ft 5,639 m	29	LIMON VOR-DME
TIGRE FIX	A317 AWY-LO	10.49333 -83.80167	18,500 ft 5,639 m	55	–
RADON FIX	A317 AWY-LO	10.69083 -84.07250	18,500 ft 5,639 m	19	–
CHILE FIX	A317 AWY-LO	11.04750 -84.58694	18,500 ft 5,639 m	37	–
EMARI FIX	A317 AWY-LO	11.56500 -85.33833	18,500 ft 5,639 m	54	–
MGA VOR	A317 AWY-LO	12.13972 -86.17422	18,500 ft 5,639 m	60	MANAGUA VOR-DME
URPOS FIX	A317 AWY-LO	12.56333 -87.10167	18,500 ft 5,639 m	60	–
TUKOR FIX	A317 AWY-LO	12.88667 -87.81667	18,500 ft 5,639 m	46	–
GABOS FIX	A317 AWY-LO	13.09167 -88.27000	18,500 ft 5,639 m	29	–
ONGOS FIX	A317 AWY-LO	13.28833 -88.70500	18,500 ft 5,639 m	28	–
CAT VOR	A317 AWY-LO	13.44139 -89.04775	18,500 ft 5,639 m	22	EL SALVADOR VOR-DME
LAN NDB	–	13.41209 -89.13752	34,000 ft 10,363 m	5	AMATECAMPO NDB
ALERA FIX	G436 AWY-LO	13.75139 -89.53722	18,500 ft 5,639 m	30	–
OTAMI FIX	G436 AWY-LO	14.03778 -89.87667	18,500 ft 5,639 m	26	–
PINOS FIX	G436 AWY-LO	14.31083 -90.20111	18,500 ft 5,639 m	25	–
AUR VOR	G436 AWY-LO	14.59106 -90.52625	18,500 ft 5,639 m	25	LA AURORA VOR-DME
KALPA FIX	A552 AWY-LO	15.02167 -91.07500	18,500 ft 5,639 m	41	–
ERBOR FIX	A552 AWY-LO	15.69500 -91.95500	18,500 ft 5,639 m	65	–
XOVUK FIX	A552 AWY-LO	16.14083 -92.47944	18,500 ft 5,639 m	40	–
TGZ VOR	A552 AWY-LO	16.57061 -93.03006	18,500 ft 5,639 m	40	TUXTLA VOR-DME
MTT VOR	A552 AWY-LO	18.10289 -94.58228	18,500 ft 5,639 m	128	MINATITLAN VOR-DME
DUPLO FIX	A552 AWY-LO	18.55466 -95.27507	18,500 ft 5,639 m	47	–
VER VOR	A552 AWY-LO	19.14322 -96.18914	18,500 ft 5,639 m	62	VERACRUZ VOR-DME
APN	V22	19.63731	16,000 ft	128	APAN VOR-DME

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-LO	-98.39853 4,877 m			
MEX VOR	V18 AWY-LO	19.43822 -99.06881 4,267 m	14,000 ft	39	MEXICO VOR-DME
MMMX APT	- -	19.43631 -99.07210 0 m	0 ft	0	Licenciado Benito Juarez Intl

MPTO

Region: PANAMA
Timezone: AMERICA/PANAMA
Runways: 2

Elevation: 134 ft / 41 m
Location: 9.071400 -79.383500
Magnetic Var: 5.432 W

METAR

MPTO 190500Z 00000KT 9999 FEW020 25/23 Q1009 NOSIG

TAF

TAF MPTO 182330Z 1900/2006 27006KT 9999 SCT018 TEMPO 1906/1910 VRB02KT TEMPO 1917/1921 15008KT SCT018TCU SCT090 T

Frequencies

REC - 127.70 MHz - ATIS
GND - 121.90 MHz - TOCUMEN GROUND
CLD - 129.80 MHz - CLEARANCE DELIVERY
APP - 123.30 MHz - PANAMA APPROACH
APP - 119.20 MHz - PANAMA APPROACH
TWR - 118.10 MHz - TOCUMEN TOWER
GND - 112.05 MHz - TOCUMEN GROUND
APP - 121.20 MHz - PANAMA APPROACH
APP - 119.70 MHz - PANAMA APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
03R	148 ft 45 m	10,049 ft 3,063 m	29.33 34.76	CONCRETE	0 ft 0 m	0 ft 0 m
21L	148 ft 45 m	10,049 ft 3,063 m	209.33 214.76	CONCRETE	0 ft 0 m	0 ft 0 m
03L	148 ft 45 m	8,832 ft 2,692 m	30.67 36.10	ASPHALT	814 ft 248 m	0 ft 0 m
21R	148 ft 45 m	8,832 ft 2,692 m	210.67 216.10	ASPHALT	0 ft 0 m	0 ft 0 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
03R	DME	INAT	110.70 MHz	18 nm 33 km	- -	-	50 ft 50 m
03R	LOC-ILS	INAT	110.70 MHz	18 nm 33 km	29.33 34.76	-	134 ft 134 m
03R	GS	INAT	110.70 MHz	10 nm 19 km	29.33 34.76	3.00	134 ft 134 m

MMMX

Region: MEXICO
Timezone: AMERICA/MEXICO_CITY
Runways: 2

Elevation: 7,315 ft / 2,230 m
Location: 19.436300 -99.072100
Magnetic Var: 3.919 E

METAR

MMMX 190345Z 36010KT 330V030 8SM BKN100 20/09 A3031 NOSIG RMK 8/030 BLDU 3TH QUAD HZY

TAF

TAF MMMX 182257Z 1900/2000 32008KT P6SM SCT080 BKN220 TX27/1921Z TN10/1912Z FM190300 34005KT P6SM SCT220 FM190900

Frequencies

REC - 127.65 MHz - D-ATIS
GND - 121.85 MHz - MEXICO GROUND
GND - 122.80 MHz - MEXICO GROUND
TWR - 118.70 MHz - MEXICO TOWER
APP - 119.75 MHz - MEXICO APPROACH
DEP - 129.10 MHz - MEXICO DEPARTURE

CLD - 122.10 MHz - CLEARANCE DELIVERY
GND - 121.00 MHz - MEXICO GROUND
TWR - 118.55 MHz - MEXICO TOWER
TWR - 118.15 MHz - MEXICO TOWER
APP - 121.20 MHz - MEXICO APPROACH
DEP - 120.50 MHz - MEXICO DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05R	148 ft 45 m	13,427 ft 4,093 m	59.24 55.32	ASPHALT	1,841 ft 561 m	325 ft 99 m
23L	148 ft 45 m	13,427 ft 4,093 m	239.25 235.33	ASPHALT	289 ft 88 m	0 ft 0 m
05L	148 ft 45 m	12,912 ft 3,936 m	59.25 55.33	ASPHALT	1,568 ft 478 m	0 ft 0 m
23R	148 ft 45 m	12,912 ft 3,936 m	239.26 235.34	ASPHALT	1,670 ft 509 m	177 ft 54 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05R	DME	IMWX	109.10 MHz	18 nm 33 km	- -	-	7,316 ft 7,316 m
23L	DME	IMEX	109.70 MHz	18 nm 33 km	- -	-	7,316 ft 7,316 m
05R	LOC-ILS	IMWX	109.10 MHz	18 nm 33 km	59.25 55.33	-	7,315 ft 7,315 m
23L	LOC-ILS	IMEX	109.70 MHz	18 nm 33 km	239.25 235.33	-	7,315 ft 7,315 m
05R	GS	IMWX	109.10 MHz	10 nm 19 km	59.25 55.33	3.00	7,315 ft 7,315 m
23L	GS	IMEX	109.70 MHz	10 nm 19 km	239.25 235.33	3.00	7,315 ft 7,315 m