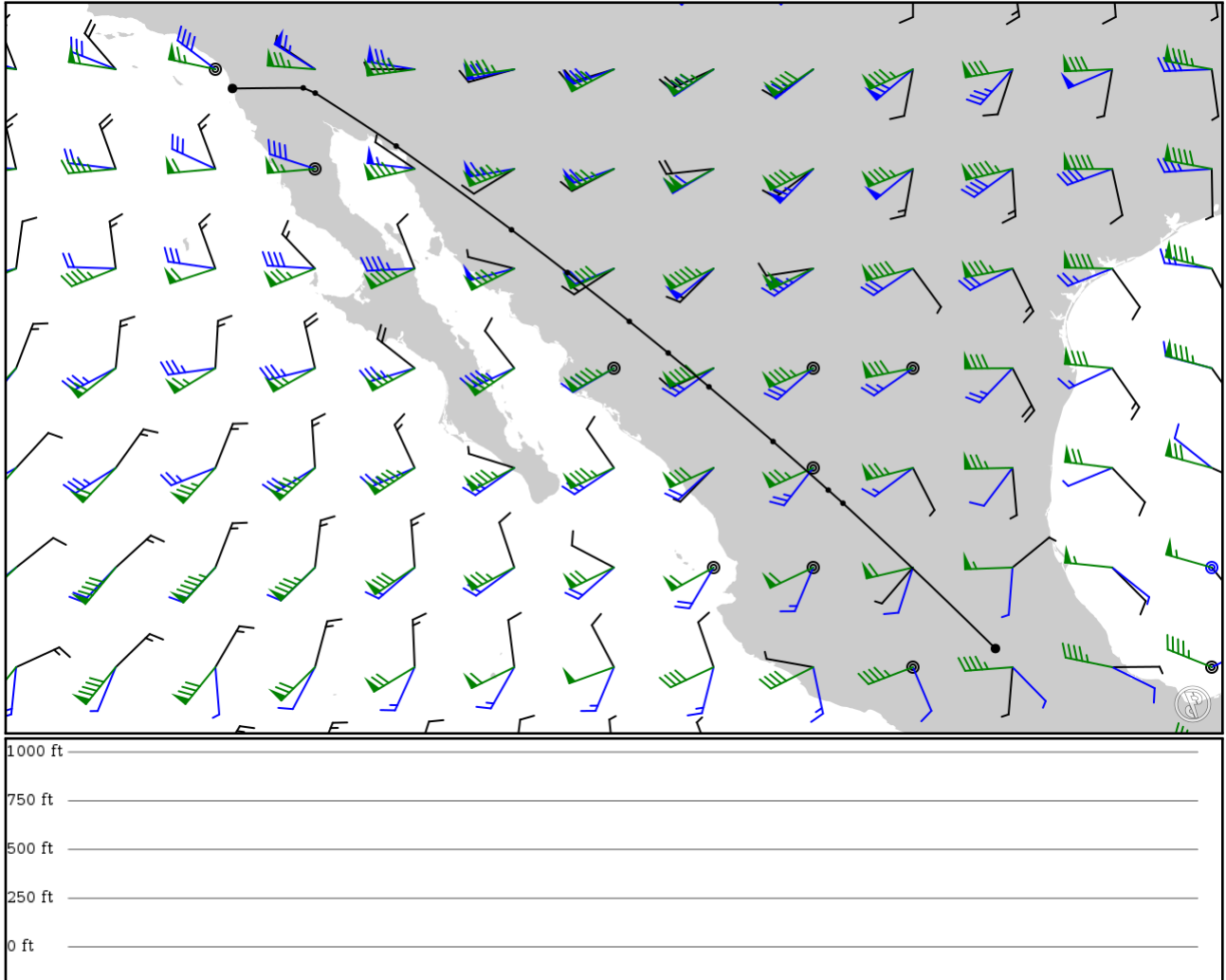


2024/05/05 0658Z

MMM ZCL **UT10** PPE MXL IPL KSAN

1276.10 nm / 2363.33 km



Notes

Requested: MMM N0498F340 ATUR1A ATURO UT133 OTAKA UT134 ZCL UT10 PPE UJ7 MXL IPL KSAN

Unmatched points: N0498F340 ATUR1A ATURO OTAKA UT134

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
MMMX	-	19.43630	0 ft	-	Benito Juarez Intl
APT	-	-99.07210	0 m		
ZCL	-	22.88740	0 ft	289	ZACATECAS
VOR	-	-102.69300	0 m		
OVETU	UT10	23.19890	0 ft	26	-
FIX	AWY-HI	-103.04200	0 m		
MIVIS	UT10	24.35170	0 ft	99	-
FIX	AWY-HI	-104.35300	0 m		
DANET	UT10	25.65000	0 ft	113	-
FIX	AWY-HI	-105.87500	0 m		
URNAD	UT10	26.45390	0 ft	71	-
FIX	AWY-HI	-106.84200	0 m		
SAXUN	UT10	27.20360	0 ft	66	-
FIX	AWY-HI	-107.76500	0 m		
IRBAM	UT10	28.36440	0 ft	104	-
FIX	AWY-HI	-109.23600	0 m		
VENUS	UT10	29.37830	0 ft	92	-
FIX	AWY-HI	-110.56300	0 m		
PPE	UT10	31.36730	0 ft	185	PENASCO (PUNTA PENASCO)
VOR	AWY-HI	-113.30100	0 m		
MXL	-	32.62580	0 ft	123	MEXICALI VOR-DME
DME	-	-115.22400	0 m		
IPL	-	32.74890	0 ft	16	IMPERIAL
VOR	-	-115.50900	0 m		
KSAN	-	32.73360	0 ft	84	San Diego Intl
APT	-	-117.19000	0 m		

MMM

Region: MEXICO
Timezone: AMERICA/MEXICO_CITY
Runways: 2

Elevation: 7,315 ft / 2,230 m
Location: 19.436300 -99.072100
Magnetic Var: 3.904 E

METAR

MMM 050551Z 18007KT 10SM FEW080 BKN220 20/06 A3027 NOSIG RMK SLP039 52009 906 8/038 ISOL SC

TAF

TAF MMM 050502Z 0506/0606 04005KT P6SM SCT080 SCT250 TX31/0521Z TN14/0512Z FM051800 22015KT P6SM BKN020 BKN080 B

Frequencies

REC - 127.65 MHz - D-ATIS	CLD - 122.10 MHz - CLEARANCE DELIVERY
GND - 121.85 MHz - MEXICO GROUND	GND - 121.00 MHz - MEXICO GROUND
GND - 122.80 MHz - MEXICO GROUND	TWR - 118.55 MHz - MEXICO TOWER
TWR - 118.70 MHz - MEXICO TOWER	TWR - 118.15 MHz - MEXICO TOWER
APP - 119.75 MHz - MEXICO APPROACH	APP - 121.20 MHz - MEXICO APPROACH
DEP - 129.10 MHz - MEXICO DEPARTURE	DEP - 120.50 MHz - MEXICO DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05R	148 ft	13,427 ft	59.24	ASPHALT	1,841 ft	325 ft
	45 m	4,093 m	55.34		561 m	99 m
23L	148 ft	13,427 ft	239.25	ASPHALT	289 ft	0 ft
	45 m	4,093 m	235.35		88 m	0 m
05L	148 ft	12,912 ft	59.25	ASPHALT	1,568 ft	0 ft
	45 m	3,936 m	55.35		478 m	0 m
23R	148 ft	12,912 ft	239.26	ASPHALT	1,670 ft	177 ft
	45 m	3,936 m	235.36		509 m	54 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05R	DME	IMWX	109.10 MHz	18 nm	-	-	7,316 ft
				33 km	-		7,316 m
23L	DME	IMEX	109.70 MHz	18 nm	-	-	7,316 ft
				33 km	-		7,316 m
05R	LOC-ILS	IMWX	109.10 MHz	18 nm	59.25	-	7,315 ft
				33 km	55.35		7,315 m
23L	LOC-ILS	IMEX	109.70 MHz	18 nm	239.25	-	7,315 ft
				33 km	235.35		7,315 m
05R	GS	IMWX	109.10 MHz	10 nm	59.25	3.00	7,315 ft
				19 km	55.35		7,315 m
23L	GS	IMEX	109.70 MHz	10 nm	239.25	3.00	7,315 ft
				19 km	235.35		7,315 m

KSAN

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 1

Elevation: 17 ft / 5 m
Location: 32.733600 -117.190000
Magnetic Var: 10.971 E

METAR

KSAN 050551Z 28010KT 10SM SCT016 BKN021 16/11 A2997 RMK A02 SLP147 T01610111 10189 20156 51009 \$

TAF

TAF KSAN 050520Z 0506/0612 29010KT P6SM BKN019 FM051000 24010KT P6SM VCSH BKN019 FM051400 29015G25KT P6SM VCSH BKN019

Frequencies

REC - 134.80 MHz - LINDBERGH ATIS	CLD - 125.90 MHz - LINDBERGH CLEARANCE
GND - 123.90 MHz - LINDBERGH GROUND	TWR - 118.30 MHz - LINDBERGH TOWER
DEP - 119.60 MHz - SOCAL WEST DEPARTURE	DEP - 124.35 MHz - SOCAL EAST DEPARTURE
APP - 119.60 MHz - SOCAL WEST APPROACH	APP - 124.35 MHz - SOCAL EAST APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	200 ft	9,388 ft	106.13	ASPHALT	1,004 ft	390 ft
	61 m	2,861 m	95.16		306 m	119 m
27	200 ft	9,388 ft	286.15	ASPHALT	1,811 ft	0 ft
	61 m	2,861 m	275.18		552 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09	DME	ISAN	111.55 MHz	18 nm	-	-	29 ft
				33 km	-		29 m
27	DME	IUBR	110.90 MHz	18 nm	-	-	26 ft
				33 km	-		26 m
09	LOC-ILS	ISAN	111.55 MHz	18 nm	106.14	-	17 ft
				33 km	95.17		17 m
27	LOC-LOC	IUBR	110.90 MHz	18 nm	286.14	-	17 ft
				33 km	275.17		17 m
09	GS	ISAN	111.55 MHz	10 nm	106.14	3.10	17 ft
				19 km	95.17		17 m