

KMEM

Memphis Intl

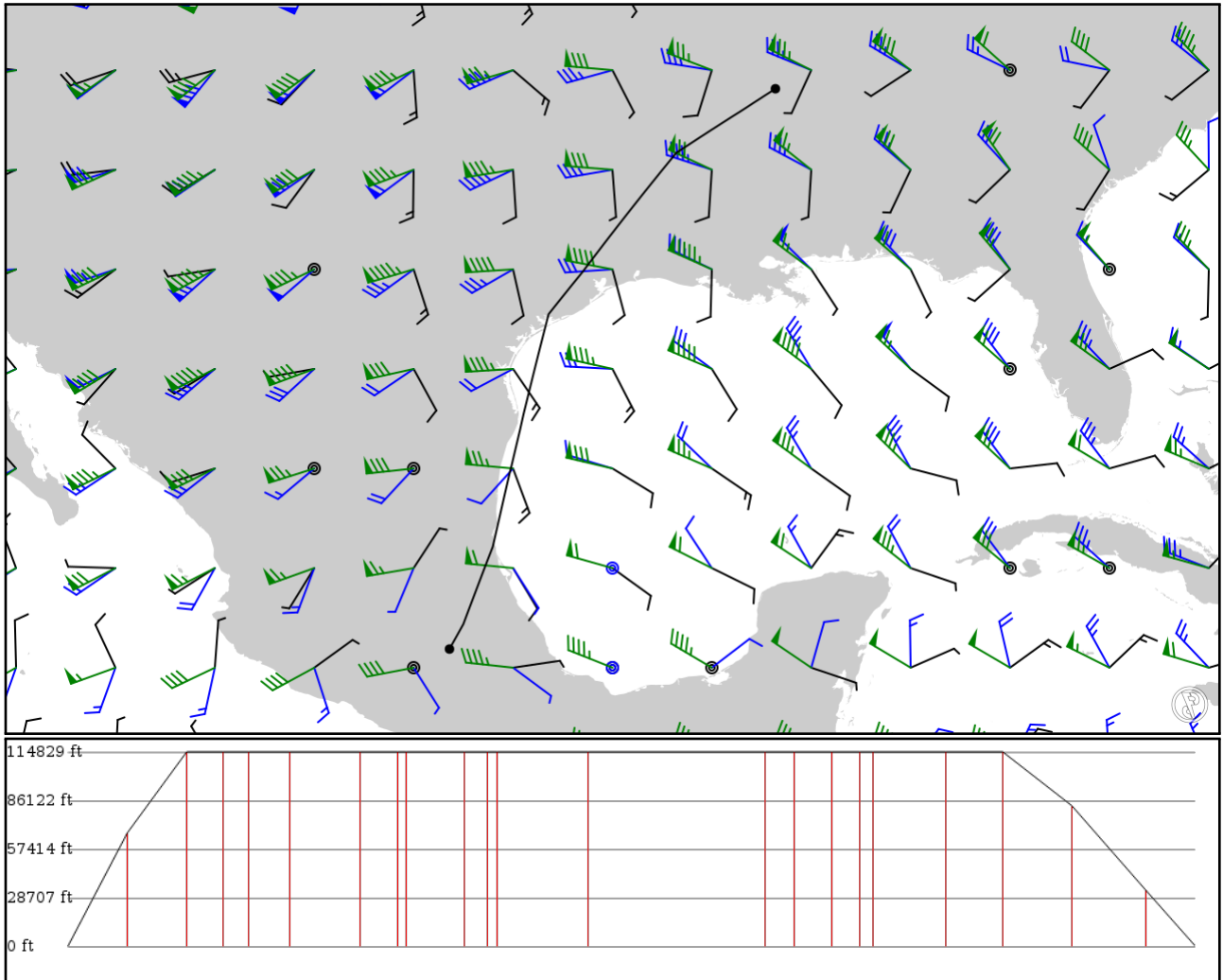
MMM

Benito Juarez Intl

2024/05/03 0816Z

KMEM CARIN J29 PSX J177 TAM UJ19 PCA MMM

1083.17 nm / 2006.04 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
KMEM	-	35.04270	0 ft	-	Memphis Intl
APT	-	-89.97660	0 m		
CARIN	-	34.45420	20,400 ft	57	-
FIX	-	-90.88700	6,218 m		
TOZZI	J29	33.87250	35,000 ft	57	-
FIX	AWY-HI	-91.80050	10,668 m		
SUTTN	J29	33.50580	35,000 ft	35	-
FIX	AWY-HI	-92.36480	10,668 m		
ELD	J29	33.25620	35,000 ft	24	EL DORADO
VOR	AWY-HI	-92.74390	10,668 m		
MIXIE	J29	32.72210	35,000 ft	38	-
FIX	AWY-HI	-93.18100	10,668 m		
LURIC	J29	31.78180	35,000 ft	68	-
FIX	AWY-HI	-93.93500	10,668 m		
ENJOY	J29	31.27880	35,000 ft	36	-
FIX	AWY-HI	-94.33030	10,668 m		
VELCO	J29	31.17780	35,000 ft	7	-
FIX	AWY-HI	-94.40920	10,668 m		
DARTR	J29	30.40310	35,000 ft	55	-
FIX	AWY-HI	-95.00680	10,668 m		
RAECN	J29	30.08460	35,000 ft	22	-
FIX	AWY-HI	-95.24910	10,668 m		
IAH	J29	29.95690	35,000 ft	9	HUMBLE (HOUSTON)
VOR	AWY-HI	-95.34570	10,668 m		
PSX	J29	28.76440	35,000 ft	87	PALACIOS
VOR	AWY-HI	-96.30620	10,668 m		
KANNA	J177	26.00040	35,000 ft	170	-
FIX	AWY-HI	-97.00020	10,668 m		
RADAS	J177	25.54560	35,000 ft	27	-
FIX	AWY-HI	-97.10170	10,668 m		
AMORI	J177	24.96500	35,000 ft	35	-
FIX	AWY-HI	-97.24030	10,668 m		
IPRUL	J177	24.52560	35,000 ft	26	-
FIX	AWY-HI	-97.34440	10,668 m		
EBDUB	J177	24.32780	35,000 ft	12	-
FIX	AWY-HI	-97.39560	10,668 m		
ONDIS	J177	23.18940	35,000 ft	69	-
FIX	AWY-HI	-97.65640	10,668 m		
TAM	J177	22.28960	35,000 ft	55	TAMPICO
VOR	AWY-HI	-97.86300	10,668 m		
PIVOL	UJ19	21.24500	25,300 ft	66	-
FIX	AWY-HI	-98.26390	7,711 m		
PCA	UJ19	20.13180	10,100 ft	70	PACHUCA
VOR	AWY-HI	-98.68440	3,078 m		
MMMX	-	19.43630	0 ft	47	Benito Juarez Intl
APT	-	-99.07210	0 m		

KMEM

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

Elevation: 340 ft / 104 m
Location: 35.042700 -89.976600
Magnetic Var: 1.978 W

METAR

KMEM 030754Z 20004KT 10SM OVC019 19/18 A2986 RMK AO2 SLP109 T01890183

TAF

TAF KMEM 030520Z 0306/0412 18005KT P6SM -SHRA SCT025 BKN045 FM030800 18004KT P6SM VCSH SCT009 BKN020 TEMPO 0312/0318 18005KT P6SM -SHRA SCT025 BKN045 FM031200 18004KT P6SM VCSH SCT009 BKN020

Frequencies

REC - 127.75 MHz - D-ATIS	COM - 122.95 MHz - MEMPHIS UNICOM
GND - 121.00 MHz - MEMPHIS GROUND	GND - 121.65 MHz - MEMPHIS GROUND
GND - 121.90 MHz - MEMPHIS GROUND	TWR - 118.30 MHz - MEMPHIS TOWER
TWR - 119.70 MHz - MEMPHIS TOWER	TWR - 128.42 MHz - MEMPHIS TOWER
CLD - 125.20 MHz - CLEARANCE DELIVERY	DEP - 124.15 MHz - MEMPHIS DEPARTURE
DEP - 124.65 MHz - MEMPHIS DEPARTURE	APP - 119.10 MHz - MEMPHIS APPROACH
APP - 125.80 MHz - MEMPHIS APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
18R	150 ft	9,343 ft	179.00	CONCRETE	0 ft	404 ft
	46 m	2,848 m	180.97		0 m	123 m
36L	150 ft	9,343 ft	359.00	CONCRETE	0 ft	869 ft
	46 m	2,848 m	0.97		0 m	265 m
18C	150 ft	11,148 ft	179.01	CONCRETE	0 ft	404 ft
	46 m	3,398 m	180.99		0 m	123 m
36C	150 ft	11,148 ft	359.01	CONCRETE	0 ft	400 ft
	46 m	3,398 m	0.99		0 m	122 m
18L	150 ft	9,024 ft	179.01	CONCRETE	0 ft	400 ft
	46 m	2,750 m	180.99		0 m	122 m
36R	150 ft	9,024 ft	359.01	CONCRETE	0 ft	400 ft
	46 m	2,750 m	0.99		0 m	122 m
09	150 ft	8,931 ft	91.96	CONCRETE	0 ft	397 ft
	46 m	2,722 m	93.94		0 m	121 m
27	150 ft	8,931 ft	271.98	CONCRETE	0 ft	0 ft
	46 m	2,722 m	273.96		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
18L	DME	IEXS	111.15 MHz	18 nm	-	-	341 ft
				33 km	-		341 m
36C	DME	ITSE	110.50 MHz	18 nm	-	-	341 ft
				33 km	-		341 m
36L	DME	IOHN	108.90 MHz	18 nm	-	-	341 ft
				33 km	-		341 m
36R	DME	IMYO	111.35 MHz	18 nm	-	-	341 ft
				33 km	-		341 m
09	LOC-ILS	IMEM	109.50 MHz	18 nm	91.97	-	341 ft
				33 km	93.95		341 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
18C	LOC-ILS	ISDU	111.95 MHz	18 nm	179.01	-	341 ft
				33 km	180.99		341 m
18L	LOC-ILS	IEXS	111.15 MHz	18 nm	179.02	-	341 ft
				33 km	181.00		341 m
18R	LOC-ILS	IOOI	109.90 MHz	18 nm	178.99	-	341 ft
				33 km	180.97		341 m
27	LOC-ILS	IJIM	108.70 MHz	18 nm	271.97	-	341 ft
				33 km	273.95		341 m
36C	LOC-ILS	ITSE	110.50 MHz	18 nm	359.01	-	341 ft
				33 km	0.99		341 m
36L	LOC-ILS	IOHN	108.90 MHz	18 nm	358.99	-	341 ft
				33 km	0.97		341 m
36R	LOC-ILS	IMYO	111.35 MHz	18 nm	359.02	-	341 ft
				33 km	1.00		341 m
09	GS	IMEM	109.50 MHz	10 nm	91.97	3.00	341 ft
				19 km	93.95		341 m
18C	GS	ISDU	111.95 MHz	10 nm	179.01	3.00	341 ft
				19 km	180.99		341 m
18L	GS	IEXS	111.15 MHz	10 nm	179.02	3.00	341 ft
				19 km	181.00		341 m
18R	GS	IOOI	109.90 MHz	10 nm	178.99	3.00	341 ft
				19 km	180.97		341 m
27	GS	IJIM	108.70 MHz	10 nm	271.97	3.00	341 ft
				19 km	273.95		341 m
36C	GS	ITSE	110.50 MHz	10 nm	359.01	3.00	341 ft
				19 km	0.99		341 m
36L	GS	IOHN	108.90 MHz	10 nm	358.99	3.00	341 ft
				19 km	0.97		341 m
36R	GS	IMYO	111.35 MHz	10 nm	359.02	3.00	341 ft
				19 km	1.00		341 m

MMM

Region: MEXICO
Timezone: AMERICA/MEXICO_CITY
Runways: 2

Elevation: 7,315 ft / 2,230 m
Location: 19.436300 -99.072100
Magnetic Var: 3.905 E

METAR

UNKNOWN

TAF

TAF MMM 030516Z 0306/0406 17005KT P6SM SCT020 SCT220 TX31/0320Z TN18/0312Z FM031200 00000KT P6SM SKC FM031900 09

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	55.33		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