KMEM
MEMPHIS INTL

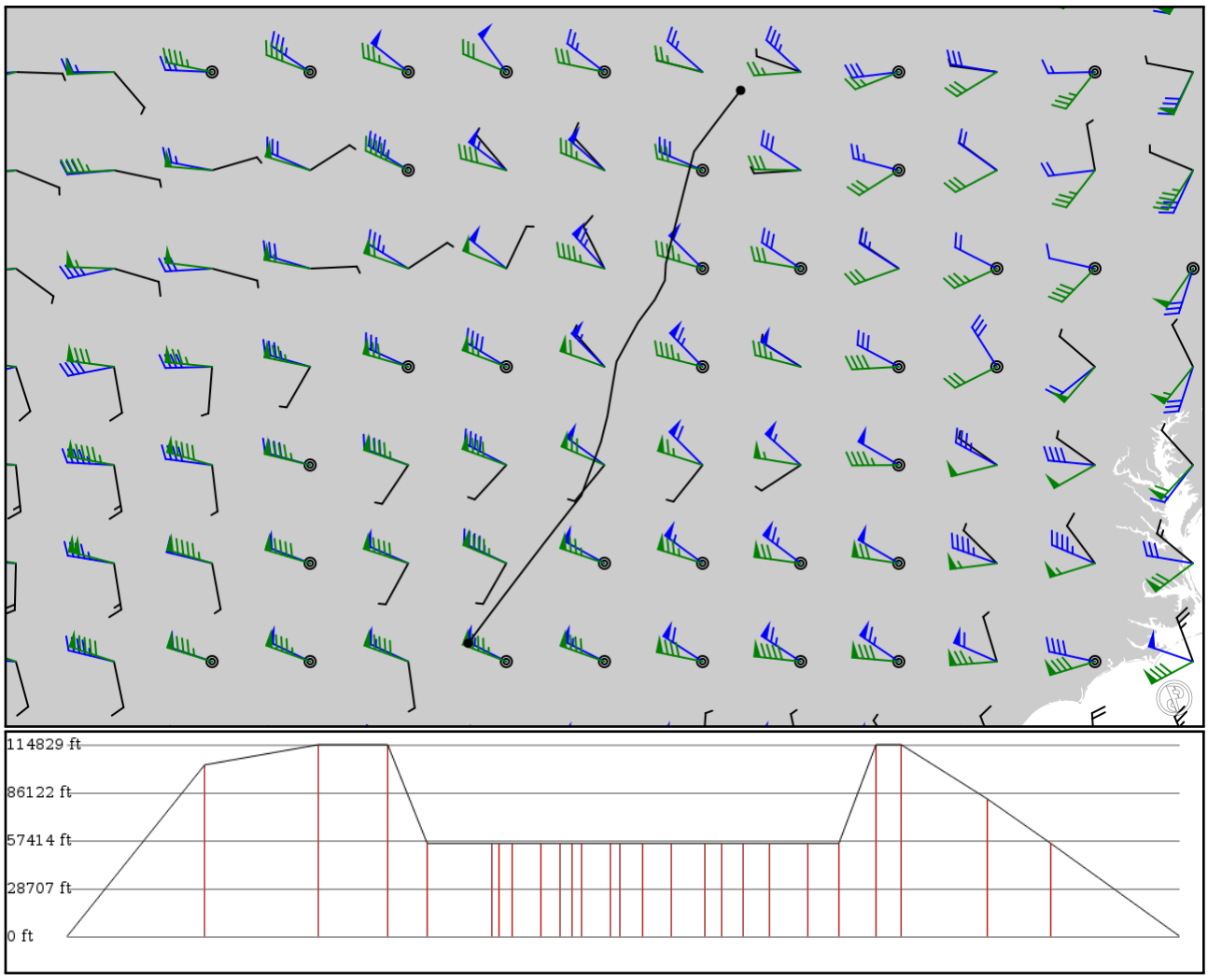
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KMCD
MACKINAC ISLAND

2024/03/29 0712Z

KMEM VISQA **J29** PXV **V7** BVT **V371** OXI **V156** GIJ **V55** PMM **J548** TVC KMCD

705.10 nm / 1305.84 km



Notes

Basic altitude profile:
- Ascent Rate: 1500ft/min
- Ascent Speed: 190kts
- Cruise Altitude: 22000ft
- Cruise Speed: 210kts
- Descent Rate: -1200ft/min
- Descent Speed: 170kts

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 APT	- -	35.04267 -89.97663	0 ft 0 m	-	MEMPHIS INTL
VISQA FIX	- -	36.29041 -89.03509	31,300 ft 9,540 m	87	-
TINGS FIX	J29 AWY-HI	37.30302 -88.25619	35,000 ft 10,668 m	71	-
PXV DME	J29 AWY-HI	37.92832 -87.76238	35,000 ft 10,668 m	44	POCKET CITY VORTAC
PRINC FIX	V7 AWY-LO	38.32920 -87.61644	17,000 ft 5,182 m	25	-
APUFO FIX	V7 AWY-LO	38.98079 -87.37556	17,000 ft 5,182 m	40	-
LISLE FIX	V7 AWY-LO	39.05867 -87.35629	17,000 ft 5,182 m	4	-
GOZUM FIX	V7 AWY-LO	39.19418 -87.32265	17,000 ft 5,182 m	8	-
TTH VOR	V7 AWY-LO	39.48894 -87.24903	17,000 ft 5,182 m	18	TERRE HAUTE VORTAC
VANJI FIX	V7 AWY-LO	39.69575 -87.21464	17,000 ft 5,182 m	12	-
WAVEL FIX	V7 AWY-LO	39.82289 -87.19339	17,000 ft 5,182 m	7	-
ALLOE FIX	V7 AWY-LO	39.91213 -87.17844	17,000 ft 5,182 m	5	-
WENGS FIX	V7 AWY-LO	40.22273 -87.12606	17,000 ft 5,182 m	18	-
POTES FIX	V7 AWY-LO	40.32334 -87.10901	17,000 ft 5,182 m	6	-
BVT VOR	V7 AWY-LO	40.55611 -87.06933	17,000 ft 5,182 m	14	BOILER VORTAC
MONON FIX	V371 AWY-LO	40.83348 -86.91843	17,000 ft 5,182 m	18	-
DENAM FIX	V371 AWY-LO	41.15962 -86.73926	17,000 ft 5,182 m	21	-
OXI VOR	V371 AWY-LO	41.32206 -86.64931	17,000 ft 5,182 m	10	KNOX VOR-DME
NOMES FIX	V156 AWY-LO	41.52273 -86.50127	17,000 ft 5,182 m	13	-
GIJ VOR	V156 AWY-LO	41.76861 -86.31844	17,000 ft 5,182 m	16	GIPPER VORTAC
ELX VOR	V55 AWY-LO	42.14442 -86.12269	17,000 ft 5,182 m	24	KEELER VOR-DME
PMM VOR	V55 AWY-LO	42.46603 -86.10481	17,000 ft 5,182 m	19	PULLMAN VOR-DME
ADALE FIX	J548 AWY-HI	42.85301 -86.01099	35,000 ft 10,668 m	23	-
BITTR FIX	J548 AWY-HI	43.12158 -85.94394	35,000 ft 10,668 m	16	-
PECOK FIX	J548 AWY-HI	44.00769 -85.72075	25,100 ft 7,650 m	54	-
TVC DME	J548 AWY-HI	44.66791 -85.55002	17,000 ft 5,182 m	40	TRAVERSE CITY VORTAC
KMCD APT	- -	45.86494 -84.63734	0 ft 0 m	81	MACKINAC ISLAND

KMEM

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

Elevation: 340 ft / 104 m
Location: 35.042700 -89.976600
Magnetic Var: 1.968 W

METAR

KMEM 290654Z 18006KT 10SM CLR 11/01 A3016 RMK AO2 SLP213 T01060006 $

TAF

TAF KMEM 290520Z 2906/3012 VRB03KT P6SM SKC FM291500 20012G20KT P6SM SCT250 FM300000 20008KT P6SM SCT250

Frequencies

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

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
18R	150 ft 46 m	9,343 ft 2,848 m	179.00 180.96	CONCRETE	0 ft 0 m	404 ft 123 m
36L	150 ft 46 m	9,343 ft 2,848 m	359.00 0.96	CONCRETE	0 ft 0 m	869 ft 265 m
18C	150 ft 46 m	11,148 ft 3,398 m	179.01 180.98	CONCRETE	0 ft 0 m	404 ft 123 m
36C	150 ft 46 m	11,148 ft 3,398 m	359.01 0.98	CONCRETE	0 ft 0 m	400 ft 122 m
18L	150 ft 46 m	9,024 ft 2,750 m	179.01 180.98	CONCRETE	0 ft 0 m	400 ft 122 m
36R	150 ft 46 m	9,024 ft 2,750 m	359.01 0.98	CONCRETE	0 ft 0 m	400 ft 122 m
09	150 ft 46 m	8,931 ft 2,722 m	91.96 93.93	CONCRETE	0 ft 0 m	397 ft 121 m
27	150 ft 46 m	8,931 ft 2,722 m	271.98 273.95	CONCRETE	0 ft 0 m	0 ft 0 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
18L	DME	IEXS	111.15 MHz	18 nm 33 km	- -	-	341 ft 341 m
36C	DME	ITSE	110.50 MHz	18 nm 33 km	- -	-	341 ft 341 m
36L	DME	IOHN	108.90 MHz	18 nm 33 km	- -	-	341 ft 341 m
36R	DME	IMYO	111.35 MHz	18 nm 33 km	- -	-	341 ft 341 m
09	LOC-ILS	IMEM	109.50 MHz	18 nm 33 km	91.97 93.94	-	341 ft 341 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
18C	LOC-ILS	ISDU	111.95 MHz	18 nm 33 km	179.01 180.98	-	341 ft 341 m
18L	LOC-ILS	IEXS	111.15 MHz	18 nm 33 km	179.02 180.99	-	341 ft 341 m
18R	LOC-ILS	IOOI	109.90 MHz	18 nm 33 km	178.99 180.96	-	341 ft 341 m
27	LOC-ILS	IJIM	108.70 MHz	18 nm 33 km	271.97 273.94	-	341 ft 341 m
36C	LOC-ILS	ITSE	110.50 MHz	18 nm 33 km	359.01 0.98	-	341 ft 341 m
36L	LOC-ILS	IOHN	108.90 MHz	18 nm 33 km	358.99 0.96	-	341 ft 341 m
36R	LOC-ILS	IMYO	111.35 MHz	18 nm 33 km	359.02 0.99	-	341 ft 341 m
09	GS	IMEM	109.50 MHz	10 nm 19 km	91.97 93.94	3.00	341 ft 341 m
18C	GS	ISDU	111.95 MHz	10 nm 19 km	179.01 180.98	3.00	341 ft 341 m
18L	GS	IEXS	111.15 MHz	10 nm 19 km	179.02 180.99	3.00	341 ft 341 m
18R	GS	IOOI	109.90 MHz	10 nm 19 km	178.99 180.96	3.00	341 ft 341 m
27	GS	IJIM	108.70 MHz	10 nm 19 km	271.97 273.94	3.00	341 ft 341 m
36C	GS	ITSE	110.50 MHz	10 nm 19 km	359.01 0.98	3.00	341 ft 341 m
36L	GS	IOHN	108.90 MHz	10 nm 19 km	358.99 0.96	3.00	341 ft 341 m
36R	GS	IMYO	111.35 MHz	10 nm 19 km	359.02 0.99	3.00	341 ft 341 m