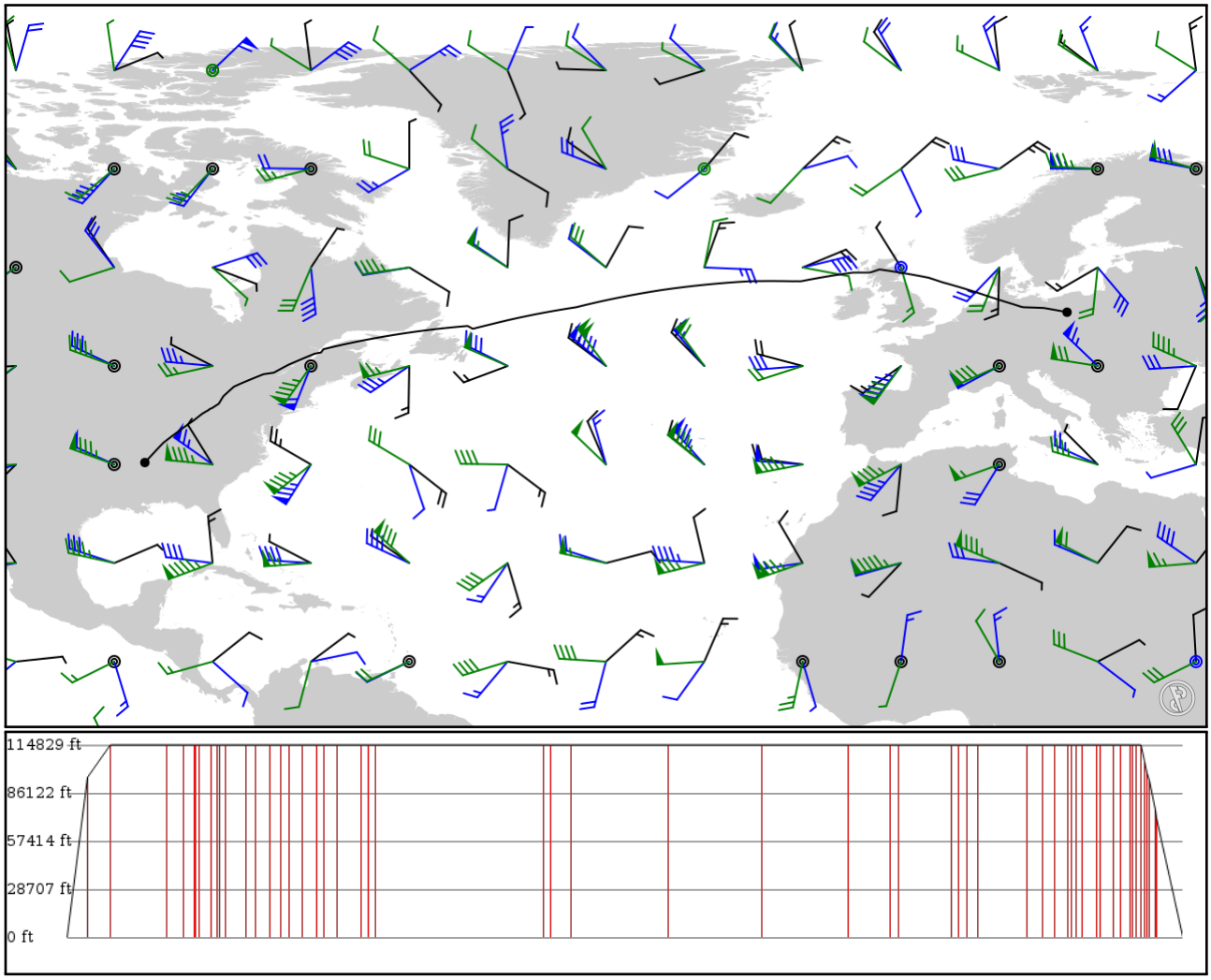
KMEM – EPPO

Memphis Intl — Poznan-Henryk Wieniawski

2024/03/29 0515Z

KMEM OMDUE **Q29** DUTSH BRUNZ **V14** DJB **V443** YQO **Q806** KANUR **T636** TAMKO **Q852** DICEN **J553** ML **R22** RI BAREE **N419B** UMESI ALLRY **Z** SOVED 5700N0-800W 5700N0-700W 5700N0-600W RUGID **M83** RIVOT **UL619** VALBO **L619** SUTEB **UL619** ERGON EPPO

4451.71 nm / 8244.57 km



Notes

Using NAT tracks from 6/11/2020

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 APT	- -	35.04270 -89.97660	0 ft 0 m	-	Memphis Intl
OMDUE FIX	- -	36.12980 -88.96990	29,100 ft 8,870 m	81	-
SIDAE FIX	Q29 AWY-HI	37.33330 -87.83330	35,000 ft 10,668 m	90	-
CREEP FIX	Q29 AWY-HI	39.92090 -84.30870	35,000 ft 10,668 m	226	-
KLYNE FIX	Q29 AWY-HI	40.69850 -83.31230	35,000 ft 10,668 m	65	-
DUTSH FIX	Q29 AWY-HI	41.14070 -82.55350	35,000 ft 10,668 m	43	-
BRUNZ FIX	- -	41.21010 -82.50030	35,000 ft 10,668 m	4	-
DJB VOR	V14 AWY-LO	41.35810 -82.16200	35,000 ft 10,668 m	17	DRYER
FAILS FIX	V443 AWY-LO	41.83780 -81.42030	35,000 ft 10,668 m	44	-
CRPSL FIX	V443 AWY-LO	42.21680 -81.19010	35,000 ft 10,668 m	24	-
DOGGS FIX	V443 AWY-LO	42.39430 -81.08120	35,000 ft 10,668 m	11	-
YQO VOR	V443 AWY-LO	42.70680 -80.88800	35,000 ft 10,668 m	20	AYLMER
BOBTA FIX	Q806 AWY-HI	43.81440 -79.65860	35,000 ft 10,668 m	85	-
ILUSI FIX	Q806 AWY-HI	44.14640 -78.93220	35,000 ft 10,668 m	37	-
DEBUM FIX	Q806 AWY-HI	44.64220 -77.75500	35,000 ft 10,668 m	58	-
GOTIP FIX	Q806 AWY-HI	44.96420 -76.96470	35,000 ft 10,668 m	38	-
TUKIR FIX	Q806 AWY-HI	45.25190 -76.23900	35,000 ft 10,668 m	35	-
KANUR FIX	Q806 AWY-HI	45.43140 -75.04360	35,000 ft 10,668 m	51	-
TAMKO FIX	T636 AWY-LO	46.04830 -73.91080	35,000 ft 10,668 m	60	-
MATOR FIX	Q852 AWY-HI	46.35060 -73.33810	35,000 ft 10,668 m	29	-
DICEN FIX	Q852 AWY-HI	46.80010 -72.28900	35,000 ft 10,668 m	51	-
ML NDB	J553 AWY-HI	47.62340 -70.32440	35,000 ft 10,668 m	94	CHARLEVOIX
RI NDB	R22 AWY-LO	47.76370 -69.57820	35,000 ft 10,668 m	31	RIVIERE-DU-LOUP
BAREE FIX	- -	48.14690 -69.30000	35,000 ft 10,668 m	25	-
UMESI FIX	N419B AWY-HI	50.83330 -52.60000	35,000 ft 10,668 m	669	-
ALLRY FIX	- -	50.50000 -52.00000	35,000 ft 10,668 m	30	-
51/50	Z	51.00000	35,000 ft	81	-

Ident	Via	Lat	Alt	Dist	Name
Type		Lon		(nm)	
LATLON	NAT	-50.00000	10,668 m		
53/40	Z	53.00000	35,000 ft	388	-
LATLON	NAT	-40.00000	10,668 m		
55/30	Z	55.00000	35,000 ft	372	-
LATLON	NAT	-30.00000	10,668 m		
56/20	Z	56.00000	35,000 ft	345	-
LATLON	NAT	-20.00000	10,668 m		
PIKIL	Z	56.00000	35,000 ft	167	-
FIX	NAT	-15.00000	10,668 m		
SOVED	Z	56.00000	35,000 ft	33	-
FIX	NAT	-14.00000	10,668 m		
5700N0-800W	-	57.00000	35,000 ft	207	-
LATLON	-	-8.00000	10,668 m		
5700N0-700W	-	57.00000	35,000 ft	32	-
LATLON	-	-7.00000	10,668 m		
5700N0-600W	-	57.00000	35,000 ft	32	-
LATLON	-	-6.00000	10,668 m		
RUGID	-	57.36920	35,000 ft	42	-
FIX	-	-4.89861	10,668 m		
RIVOT	M83	56.40810	35,000 ft	194	-
FIX	AWY-HI	0.77694	10,668 m		
CUTEL	UL619	55.88580	35,000 ft	61	-
FIX	AWY-HI	2.37444	10,668 m		
AVRAL	UL619	55.50940	35,000 ft	50	-
FIX	AWY-HI	3.71639	10,668 m		
VALBO	UL619	55.12890	35,000 ft	49	-
FIX	AWY-HI	5.00000	10,668 m		
SUTEB	L619	55.00000	35,000 ft	16	-
FIX	AWY-HI	5.41882	10,668 m		
ABLUN	UL619	54.85080	35,000 ft	18	-
FIX	AWY-HI	5.89509	10,668 m		
GOMKU	UL619	54.65690	35,000 ft	23	-
FIX	AWY-HI	6.50000	10,668 m		
DHE	UL619	54.18570	35,000 ft	56	HELGOLAND
VOR	AWY-HI	7.91070	10,668 m		
GOLEN	UL619	54.05970	35,000 ft	16	-
FIX	AWY-HI	8.32083	10,668 m		
LBV	UL619	53.65260	35,000 ft	50	ELBE
VOR	AWY-HI	9.57948	10,668 m		
AMLUH	UL619	53.42900	35,000 ft	29	-
FIX	AWY-HI	10.32250	10,668 m		
BUMIL	UL619	53.12000	35,000 ft	39	-
FIX	AWY-HI	11.28610	10,668 m		
BKD	UL619	53.03450	35,000 ft	10	BRUENKENDORF
VOR	AWY-HI	11.54620	10,668 m		
PITEN	UL619	52.99000	35,000 ft	9	-
FIX	AWY-HI	11.81140	10,668 m		
VIBIS	UL619	52.97520	35,000 ft	19	-
FIX	AWY-HI	12.33860	10,668 m		
PODUS	UL619	52.95920	32,000 ft	17	-
FIX	AWY-HI	12.83060	9,754 m		
RADEL	UL619	52.94940	29,900 ft	9	-
FIX	AWY-HI	13.10530	9,114 m		
TABOK	UL619	52.94330	28,600 ft	5	-
FIX	AWY-HI	13.26810	8,717 m		
RENKI	UL619	52.91470	23,200 ft	25	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	13.96170	7,071 m		
ERGON	UL619	52.90610	21,700 ft	7	-
FIX	AWY-HI	14.15670	6,614 m		
EPPO	-	52.42160	0 ft	101	Poznan-Henryk Wieniawski
APT	-	16.82360	0 m		

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 290454Z 19006KT 10SM CLR 10/02 A3018 RMK AO2 SLP218 T01000017 $

TAF

KMEM 290252Z 2903/3006 18003KT P6SM SKC FM291500 20012G20KT 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

EPPO

Region: POLAND
Timezone: EUROPE/WARSAW
Runways: 1

Elevation: 308 ft / 94 m
Location: 52.421600 16.823600
Magnetic Var: 5.562 E

METAR

EPPO 290500Z 19007KT CAVOK 05/02 Q1002

TAF

TAF EPPO 282330Z 2900/2924 23007KT CAVOK BECMG 2902/2905 17010KT

Frequencies

TWR - 119.97 MHz - POZNAN TOWER
APP - 127.22 MHz - POZNAN APPROACH
REC - 126.30 MHz - ATIS

TWR - 121.80 MHz - POZNAN TOWER
TWR - 129.02 MHz - POZNAN APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10	164 ft 50 m	8,223 ft 2,506 m	107.59 102.03	ASPHALT	0 ft 0 m	0 ft 0 m
28	164 ft 50 m	8,223 ft 2,506 m	287.62 282.06	ASPHALT	0 ft 0 m	0 ft 0 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
28	LOC-ILS	POZ	110.30 MHz	18 nm 33 km	287.60 282.04	-	308 ft 308 m
28	GS	POZ	110.30 MHz	10 nm 19 km	287.60 282.04	3.00	308 ft 308 m