

KMEM - Memphis - Memphis Intl

Airport details

State	Tennessee
Country	United States of America
Region	K7
Elevation	335ft (102m)
Timezone	GMT -6
Coordinates	35.04242, -89.97667
Type	land
ICAO code	KMEM
IATA code	MEM
FAA code	MEM

Runway info

Runway 18C / 36C	
length	3397m (11145ft)
bearing	179° / 359°
width	46m (150ft)
surface	concrete
blast zone	122m (400ft) / 122m (400ft)
Runway 18R / 36L	
length	2848m (9344ft)
bearing	179° / 359°
width	46m (150ft)
surface	concrete
blast zone	122m (400ft) / 244m (801ft)
Runway 18L / 36R	
length	2750m (9022ft)
bearing	179° / 359°
width	46m (150ft)
surface	concrete
blast zone	122m (400ft) / 122m (400ft)
Runway 9 / 27	
length	2722m (8930ft)
bearing	92° / 272°
width	46m (150ft)
surface	concrete
blast zone	122m (400ft) / 122m (400ft)

Communication

Memphis Intl ATIS	127.750
Memphis Intl ATIS	127.750
Memphis Intl ATIS	127.750

Memphis Intl ATIS	127.750
Memphis Intl UNICOM	122.950
Memphis Intl UNICOM	122.950
Memphis Intl UNICOM	122.950
Memphis Intl UNICOM	122.950
Memphis Intl DLV	125.200
Memphis Intl DLV	125.200
Memphis Intl DLV	125.200
Memphis Intl DLV	125.200
Memphis Intl GND (18L/36R, 18C/36C)	121.900
Memphis Intl GND (9/27)	121.000
Memphis Intl GND (18L/36R, 18C/36C)	121.900
Memphis Intl GND (18R/36L)	121.650
Memphis Intl GND (9/27)	121.000
Memphis Intl GND (18R/36L)	121.650
Memphis Intl GND (9/27)	121.000
Memphis Intl GND (18R/36L)	121.650
Memphis Intl GND (18L/36R, 18C/36C)	121.900
Memphis Intl GND (18R/36L)	121.650
Memphis Intl GND (18L/36R, 18C/36C)	121.900
Memphis Intl GND (9/27)	121.000
Memphis Intl TWR (18L/36R, 18C/36C)	119.700
Memphis Intl TWR (18L/36R, 18C/36C)	119.700
Memphis Intl TWR (9/27)	118.300
Memphis Intl TWR (18R/36L)	128.425
Memphis Intl TWR (18R/36L)	128.425
Memphis Intl TWR (9/27)	118.300
Memphis Intl TWR (9/27)	118.300
Memphis Intl TWR (18L/36R, 18C/36C)	119.700
Memphis Intl TWR (18L/36R, 18C/36C)	119.700
Memphis Intl TWR (18R/36L)	128.425
Memphis Intl TWR (9/27)	118.300
Memphis Intl TWR (18R/36L)	128.425
Memphis Intl APP (East)	125.800
Memphis Intl APP (West)	119.100
Memphis Intl APP (Final)	120.925
Memphis Intl APP (Final 9/27)	126.050
Memphis Intl APP (East)	125.800
Memphis Intl APP (West)	119.100
Memphis Intl APP (Final)	120.925
Memphis Intl APP (Final 9/27)	126.050

Memphis Intl APP (Final 9/27)	126.050
Memphis Intl APP (Final 9/27)	126.050
Memphis Intl APP (Final)	120.925
Memphis Intl APP (West)	119.100
Memphis Intl APP (East)	125.800
Memphis Intl APP (East)	125.800
Memphis Intl APP (West)	119.100
Memphis Intl APP (Final)	120.925
Memphis Intl DEP (East)	124.150
Memphis Intl DEP (West)	124.650
Memphis Intl DEP (East)	124.150
Memphis Intl DEP (West)	124.650
Memphis Intl DEP (West)	124.650
Memphis Intl DEP (East)	124.150
Memphis Intl DEP (East)	124.150
Memphis Intl DEP (West)	124.650

Approach frequencies

ILS-cat-III	36C	110.5	18.00mi
ILS-cat-III	36R	111.35	18.00mi
ILS-cat-III	36L	108.9	18.00mi
ILS-cat-I	18C	111.95	18.00mi
ILS-cat-I	18R	109.9	18.00mi
ILS-cat-I	18L	111.15	18.00mi
ILS-cat-I	09	109.5	18.00mi
ILS-cat-I	27	108.7	18.00mi
3° GS	36C	110.5	18.00mi
3° GS	36R	111.35	18.00mi
3° GS	18R	109.9	18.00mi
3° GS	09	109.5	18.00mi
3° GS	27	108.7	18.00mi
3° GS	18C	111.95	18.00mi
3° GS	18L	111.15	18.00mi
3° GS	36L	108.9	18.00mi

Nearby beacons

code	identifier	dist	bearing	frequency
MEM	MEMPHIS VORTAC	1.6	193.4°	117.50
HLI	HOLLY SPRINGS VORTAC	28.7	119.5°	112.40
GQE	GILMORE VOR/DME	30.6	301.2°	113
UV	TUNNG (OXFORD) NDB	43.1	151.9°	426
UJM	MARVELL (HELENA) VOR/DME	44.4	236.1°	109.60
JBR	JONESBORO VOR/DME	58.2	323.6°	108.60
DYR	DYERSBURG VORTAC	66.8	34°	116.80

Departure and arrival routes

Transition altitude 18000ft
Transition level 18000ft

SID end points		distance	outbound direction
ALL			
	ELVIS4	40.9	269°
RW09			
	SELPH7	44.4	13°
	CRSON7	92.5	37°
	GENEH7	44.6	54°
	GOETZ7	44.1	77°
	AZONE7	43.5	91°
	BBKNG7	91.6	100°
	GMBUD7	42.4	115°
	OLEMS6	38.1	150°
	PIEPE6	57.7	190°
	BINKY6	42.5	222°
	AUTMN6	43.2	237°
	CHLDR5	90.4	260°
	DUCKZ5	43.2	269°
	ZUMIT5	51.5	278°
	NIKEI5	45.3	297°
	HOTRD5	43.9	312°
	GRRIZ5	44.6	332°
	JTEEE5	44.5	354°
RW18C			
	SELPH7	44.4	13°
	CRSON7	92.5	37°
	GENEH7	44.6	54°
	GOETZ7	44.1	77°
	AZONE7	43.5	91°
	BBKNG7	91.6	100°
	GMBUD7	42.4	115°
	OLEMS6	38.1	150°
	PIEPE6	57.7	190°
	BINKY6	42.5	222°
	AUTMN6	43.2	237°
	CHLDR5	90.4	260°
	DUCKZ5	43.2	269°
	ZUMIT5	51.5	278°
	NIKEI5	45.3	297°
	HOTRD5	43.9	312°
	GRRIZ5	44.6	332°
	JTEEE5	44.5	354°
RW18L			
	SELPH7	44.4	13°
	CRSON7	92.5	37°

	GENEH7	44.6	54°
	GOETZ7	44.1	77°
	AZONE7	43.5	91°
	BBKNG7	91.6	100°
	GMBUD7	42.4	115°
	OLEMS6	38.1	150°
	PIEPE6	57.7	190°
	BINKY6	42.5	222°
	AUTMN6	43.2	237°
	CHLDR5	90.4	260°
	DUCKZ5	43.2	269°
	ZUMIT5	51.5	278°
	NIKEI5	45.3	297°
	HOTRD5	43.9	312°
	GRRIZ5	44.6	332°
	JTEEE5	44.5	354°
RW18R			
	SELPH7	44.4	13°
	CRSON7	92.5	37°
	GENEH7	44.6	54°
	GOETZ7	44.1	77°
	AZONE7	43.5	91°
	BBKNG7	91.6	100°
	GMBUD7	42.4	115°
	OLEMS6	38.1	150°
	PIEPE6	57.7	190°
	BINKY6	42.5	222°
	AUTMN6	43.2	237°
	CHLDR5	90.4	260°
	DUCKZ5	43.2	269°
	ZUMIT5	51.5	278°
	NIKEI5	45.3	297°
	HOTRD5	43.9	312°
	GRRIZ5	44.6	332°
	JTEEE5	44.5	354°
RW27			
	SELPH7	44.4	13°
	CRSON7	92.5	37°
	GENEH7	44.6	54°
	GOETZ7	44.1	77°
	AZONE7	43.5	91°
	BBKNG7	91.6	100°
	GMBUD7	42.4	115°
	OLEMS6	38.1	150°
	PIEPE6	57.7	190°
	BINKY6	42.5	222°
	AUTMN6	43.2	237°
	CHLDR5	90.4	260°

RW36C	DUCKZ5	43.2	269°
	ZUMIT5	51.5	278°
	NIKEI5	45.3	297°
	HOTRD5	43.9	312°
	GRRIZ5	44.6	332°
	JTEEE5	44.5	354°
RW36L	SELPH7	44.4	13°
	CRSON7	92.5	37°
	GENEH7	44.6	54°
	GOETZ7	44.1	77°
	AZONE7	43.5	91°
	BBKNG7	91.6	100°
	GMBUD7	42.4	115°
	OLEMS6	38.1	150°
	PIEPE6	57.7	190°
	BINKY6	42.5	222°
	AUTMN6	43.2	237°
	CHLDR5	90.4	260°
	DUCKZ5	43.2	269°
	ZUMIT5	51.5	278°
	NIKEI5	45.3	297°
	HOTRD5	43.9	312°
	GRRIZ5	44.6	332°
	JTEEE5	44.5	354°
	SELPH7	44.4	13°
	CRSON7	92.5	37°
	GENEH7	44.6	54°
	GOETZ7	44.1	77°
	AZONE7	43.5	91°
	BBKNG7	91.6	100°
	GMBUD7	42.4	115°
	OLEMS6	38.1	150°
	PIEPE6	57.7	190°
	BINKY6	42.5	222°
	AUTMN6	43.2	237°
	CHLDR5	90.4	260°
	DUCKZ5	43.2	269°
	ZUMIT5	51.5	278°
	NIKEI5	45.3	297°
	HOTRD5	43.9	312°
	GRRIZ5	44.6	332°
	JTEEE5	44.5	354°
RW36R	SELPH7	44.4	13°
	CRSON7	92.5	37°
	GENEH7	44.6	54°

GOETZ7	44.1	77°
AZONE7	43.5	91°
BBKNG7	91.6	100°
GMBUD7	42.4	115°
OLEMS6	38.1	150°
PIEPE6	57.7	190°
BINKY6	42.5	222°
AUTMN6	43.2	237°
CHLDR5	90.4	260°
DUCKZ5	43.2	269°
ZUMIT5	51.5	278°
NIKEI5	45.3	297°
HOTRD5	43.9	312°
GRRIZ5	44.6	332°
JTEEE5	44.5	354°

STAR starting points	distance	inbound direction
----------------------	----------	-------------------

ALL

CONDR3	41.3	94°
HYTHR2	61.4	193°
MONAA3	44.5	271°

RW09

HOBK3	51.3	56°
BRBBQ3	52.4	117°
BLUZZ3	49.4	233°
VANZE2	49.0	292°

RW18 (ALL)

UJM6	44.4	56°
HOBK3	51.3	56°
BRBBQ3	52.4	117°
DAWGG2	47.0	118°
BLUZZ3	49.4	233°
WLDER9	45.6	233°
VANZE2	49.0	292°
LUGOH3	45.0	293°

RW27

HOBK3	51.3	56°
BRBBQ3	52.4	117°
BLUZZ3	49.4	233°
VANZE2	49.0	292°

RW36 (ALL)

HOBK3	51.3	56°
UJM6	44.4	56°
BRBBQ3	52.4	117°
DAWGG2	47.0	118°
BLUZZ3	49.4	233°
WLDER9	45.6	233°
VANZE2	49.0	292°

Holding patterns

STAR name	hold at	type	turn	heading*	altitude	leg	speed limit
BLUZZ3	BNA	NDB	left	80 (260)°		DME 15.0mi	ICAO rules
BLUZZ3	BWG	NDB	left	62 (242)°		DME 15.0mi	ICAO rules
BLUZZ3	CASOT	VHF	left	26 (206)°		DME 15.0mi	ICAO rules
BLUZZ3	MRCEL	VHF	right	45 (225)°		DME 6.0mi	ICAO rules
BLUZZ3	SPKER	VHF	left	48 (228)°		DME 15.0mi	ICAO rules
BRBBQ3	BEERT	VHF	right	310 (130)°		DME 8.0mi	ICAO rules
BRBBQ3	BRBBQ	VHF	left	296 (116)°		DME 15.0mi	ICAO rules
BRBBQ3	IGLOO	VHF	left	295 (115)°	< 60000ft	DME 15.0mi	ICAO rules
BRBBQ3	MARBI	VHF	right	278 (98)°	< 60000ft	DME 15.0mi	ICAO rules
BRBBQ3	WHOLL	VHF	left	335 (155)°		DME 15.0mi	ICAO rules
CONDR3	WUKER	VHF	left	275 (95)°		DME 15.0mi	ICAO rules
DAWGG2	ARG	NDB	left	344 (164)°	< 60000ft	DME 15.0mi	ICAO rules
DAWGG2	BEERT	VHF	right	310 (130)°		DME 8.0mi	ICAO rules
DAWGG2	FNCHR	VHF	left	291 (111)°	< 60000ft	DME 15.0mi	ICAO rules
DAWGG2	IGLOO	VHF	left	295 (115)°	< 60000ft	DME 15.0mi	ICAO rules
DAWGG2	MARBI	VHF	right	278 (98)°	< 60000ft	DME 15.0mi	ICAO rules
HOBK3	BEAVV	VHF	right	280 (100)°		DME 15.0mi	ICAO rules
HOBK3	CPLAN	VHF	right	174 (354)°		DME 15.0mi	ICAO rules
HOBK3	FAYEE	VHF	right	228 (48)°	< 60000ft	DME 10.0mi	ICAO rules
HOBK3	HOBK	VHF	right	230 (50)°		DME 15.0mi	ICAO rules
HOBK3	JAMEA	VHF	right	232 (52)°	< 17999ft	DME 8.0mi	ICAO rules
HYTHR2	HUMBO	VHF	left	12 (192)°	< 60000ft	DME 15.0mi	ICAO rules
HYTHR2	HYTHR	VHF	left	11 (191)°		DME 15.0mi	ICAO rules
LUGOH3	CRAMM	VHF	right	102 (282)°		DME 10.0mi	ICAO rules
LUGOH3	FASON	VHF	right	86 (266)°		DME 15.0mi	ICAO rules
LUGOH3	LARUE	VHF	right	120 (300)°		DME 5.0mi	ICAO rules
LUGOH3	MASHH	VHF	left	102 (282)°		DME 7.0mi	ICAO rules
MONAA3	GOSEY	VHF	left	92 (272)°		DME 15.0mi	ICAO rules
MONAA3	TYMMY	VHF	left	47 (227)°		DME 15.0mi	ICAO rules
UJM6	BARFF	VHF	right	228 (48)°	< 60000ft	DME 8.0mi	ICAO rules
UJM6	FAYEE	VHF	right	228 (48)°	< 60000ft	DME 10.0mi	ICAO rules
UJM6	JAMEA	VHF	right	232 (52)°	< 17999ft	DME 8.0mi	ICAO rules
UJM6	TAMMY	VHF	right	232 (52)°	< 60000ft	DME 8.0mi	ICAO rules
VANZE2	CRAMM	VHF	right	102 (282)°		DME 10.0mi	ICAO rules
VANZE2	ERASE	VHF	right	122 (302)°	< 60000ft	DME 15.0mi	ICAO rules
VANZE2	FASON	VHF	right	86 (266)°		DME 15.0mi	ICAO rules
VANZE2	LARUE	VHF	right	120 (300)°		DME 5.0mi	ICAO rules
WLDER9	BNA	NDB	left	80 (260)°		DME 15.0mi	ICAO rules
WLDER9	CASOT	VHF	left	26 (206)°		DME 15.0mi	ICAO rules
WLDER9	LTOWN	VHF	right	45 (225)°	< 60000ft	DME 6.0mi	ICAO rules
WLDER9	MRCEL	VHF	right	45 (225)°		DME 6.0mi	ICAO rules

*) magnetic outbound (inbound) holding course

Disclaimer

The information on this website is not for real aviation. Use this data with the X-Plane flight simulator only! Data taken with kind consent from X-Plane source code and data files. Content is subject to change without notice.

To be used with X-Plane simulation only