

# KMSP - Minneapolis - Minneapolis Saint Paul Intl

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## Airport details

State	Minnesota
Country	United States of America
Region	K3
Elevation	839ft (256m)
Timezone	GMT -6
Coordinates	44.88197, -93.22178
Type	land
ICAO code	KMSP
IATA code	MSP
FAA code	MSP

## Runway info

Runway 17 / 35	
length	2440m (8005ft)
bearing	165° / 345°
width	46m (151ft)
surface	concrete
blast zone	122m (400ft) / 123m (404ft)
Runway 12R / 30L	
length	3050m (10007ft)
bearing	113° / 293°
width	61m (200ft)
surface	concrete
blast zone	255m (837ft) / 241m (791ft)
Runway 12L / 30R	
length	2495m (8186ft)
bearing	113° / 293°
width	46m (151ft)
surface	concrete
displacement threshold	0m (0ft) / 62m (203ft)
blast zone	122m (400ft) / 122m (400ft)
Runway 4 / 22	
length	3356m (11010ft)
bearing	55° / 235°
width	46m (151ft)
surface	concrete
displacement threshold	475m (1558ft) / 304m (997ft)
blast zone	63m (207ft) / 128m (420ft)

## Communication

Minneapolis Saint Paul Intl ATIS	135.350
Minneapolis Saint Paul Intl ATIS	135.350
Minneapolis Saint Paul Intl ATIS	120.800
Minneapolis Saint Paul Intl ATIS	120.800
Minneapolis Saint Paul Intl ATIS	135.350
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Minneapolis Saint Paul Intl ATIS	120.800
Minneapolis Saint Paul Intl UNICOM	122.950
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Minneapolis Saint Paul Intl CLNC DEL	133.200
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Minneapolis Saint Paul Intl CLNC DEL	133.200
Minneapolis Saint Paul Intl GND	121.800
Minneapolis Saint Paul Intl GND	127.925
Minneapolis Saint Paul Intl GND	121.800
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Minneapolis Saint Paul Intl GND	121.900
Minneapolis Saint Paul Intl GND	121.900
Minneapolis Saint Paul Intl TWR	123.950
Minneapolis Saint Paul Intl TWR	126.700
Minneapolis Saint Paul Intl TWR	126.700
Minneapolis Saint Paul Intl TWR	123.950
Minneapolis Saint Paul Intl TWR	126.700
Minneapolis Saint Paul Intl TWR	123.950
Minneapolis Saint Paul Intl TWR	126.700
Minneapolis Saint Paul Intl TWR	123.950
Minneapolis Saint Paul Intl APP	119.300
Minneapolis Saint Paul Intl PRM	119.975
Minneapolis Saint Paul Intl APP	126.950
Minneapolis Saint Paul Intl PRM	132.525
Minneapolis Saint Paul Intl PRM	119.975
Minneapolis Saint Paul Intl APP	126.950
Minneapolis Saint Paul Intl APP	123.950
Minneapolis Saint Paul Intl APP	119.300
Minneapolis Saint Paul Intl APP	123.950
Minneapolis Saint Paul Intl PRM	132.525
Minneapolis Saint Paul Intl PRM	132.525

Minneapolis Saint Paul Intl PRM	132.525
Minneapolis Saint Paul Intl PRM	119.975
Minneapolis Saint Paul Intl APP	126.950
Minneapolis Saint Paul Intl APP	123.950
Minneapolis Saint Paul Intl APP	119.300
Minneapolis Saint Paul Intl APP	119.300
Minneapolis Saint Paul Intl APP	123.950
Minneapolis Saint Paul Intl APP	126.950
Minneapolis Saint Paul Intl PRM	119.975
Minneapolis Saint Paul Intl DEP	124.700
Minneapolis Saint Paul Intl DEP	125.750
Minneapolis Saint Paul Intl DEP	125.750
Minneapolis Saint Paul Intl DEP	124.700
Minneapolis Saint Paul Intl DEP	125.750
Minneapolis Saint Paul Intl DEP	124.700
Minneapolis Saint Paul Intl DEP	124.700
Minneapolis Saint Paul Intl DEP	125.750

## Approach frequencies

LOC	22	110.5	18.00mi
LOC	04	109.3	18.00mi
LOC	17	110.95	18.00mi
ILS-cat-III	35	110.95	18.00mi
ILS-cat-III	12R	110.3	18.00mi
ILS-cat-III	12L	110.7	18.00mi
ILS-cat-II	30L	110.3	18.00mi
ILS-cat-I	30R	110.7	18.00mi
3° GS	30R	110.7	18.00mi
3° GS	30L	110.3	18.00mi
3° GS	12L	110.7	18.00mi
3° GS	12R	110.3	18.00mi
3° GS	35	110.95	18.00mi

## Nearby beacons

<b>code</b>	<b>identifier</b>	<b>dist</b>	<b>bearing</b>	<b>frequency</b>
MSP	MINNEAPOLIS VOR/DME	1	314.5°	115.30
FCM	FLYING CLOUD (MINNEAPOLIS VOR/DME	10	255.6°	117.70
FGT	FARMINGTON VORTAC	15.1	171°	115.70
GEP	GOPHER (MINNEAPOLIS) VORTAC	17	330.1°	117.30
RG	REGUE (RED WING) NDB	29.8	116.3°	274
FOW	HALFWAY (MORRISTOWN) VOR/DME	41.1	192.3°	111.20
PNM	PRINCETON NDB	44.1	330.5°	368
ST	HUSSK (ST CLOUD) NDB	47.8	308.6°	342
OW	TONNA (OWATONNA) NDB	48.6	175.2°	379
MKT	MANKATO VOR/DME	49.5	226.2°	110.80
ROS	RUSH CITY NDB	50.1	18.1°	282

STC	SAINT CLOUD VOR/DME	53.4	308.5°	112.10
RZN	DME	66.7	42°	109.40
BXR	BIG DOCTOR (SIREN) NDB	66.9	42.3°	203

## Departure and arrival routes

Transition altitude 18000ft  
 Transition level 18000ft

<b>SID end points</b>	<b>distance</b>	<b>outbound direction</b>
RW04		
COULT7	168.9	111°
ZMBRO7	95.1	119°
RST1	144.1	161°
ORSKY2	248.9	214°
SCHEP9	277.9	246°
LEINY6	186.7	272°
DWN8	220.3	276°
SMERF7	193.6	283°
RW12 (ALL)		
COULT7	168.9	111°
ZMBRO7	95.1	119°
RST1	144.1	161°
ORSKY2	248.9	214°
SCHEP9	277.9	246°
LEINY6	186.7	272°
DWN8	220.3	276°
SMERF7	193.6	283°
RW17		
MEDOW4	15.7	4°
COULT7	168.9	111°
ZMBRO7	95.1	119°
RST1	144.1	161°
ORSKY2	248.9	214°
HSTIN4	191.9	218°
SLAYR4	162.6	242°
SCHEP9	277.9	246°
LEINY6	186.7	272°
DWN8	220.3	276°
SMERF7	193.6	283°
RW22		
COULT7	168.9	111°
ZMBRO7	95.1	119°
RST1	144.1	161°
ORSKY2	248.9	214°
SCHEP9	277.9	246°
LEINY6	186.7	272°
DWN8	220.3	276°

RW30 (ALL)	SMERF7	193.6	283°
	COULT7	168.9	111°
	ZMBRO7	95.1	119°
	RST1	144.1	161°
	ORSKY2	248.9	214°
	SCHEP9	277.9	246°
	LEINY6	186.7	272°
	DWN8	220.3	276°
RW35	SMERF7	193.6	283°
	COULT7	168.9	111°
	ZMBRO7	95.1	119°
	RST1	144.1	161°
	ORSKY2	248.9	214°
	SCHEP9	277.9	246°
	LEINY6	186.7	272°
	DWN8	220.3	276°
SMERF7	193.6	283°	

<b>STAR starting points</b>	<b>distance</b>	<b>inbound direction</b>
RW04		
NITZR3	31.6	16°
TWOLF3	40.4	20°
TORGY3	29.4	79°
BAINY3	30.0	151°
MUSCL3	28.5	259°
KKILR3	31.2	271°
KASPR7	23.0	356°
BLUEM4	30.4	358°
RW12 (ALL)		
TWOLF3	40.4	20°
TORGY3	29.4	79°
BAINY3	30.0	151°
KASPR7	23.0	356°
RW12L		
NITZR3	31.6	16°
MUSCL3	28.5	259°
KKILR3	31.2	271°
BLUEM4	30.4	358°
RW12R		
NITZR3	31.6	16°
MUSCL3	28.5	259°
KKILR3	31.2	271°
BLUEM4	30.4	358°
RW17		
NITZR3	31.6	16°
TWOLF3	40.4	20°

	TORGY3	29.4	79°
	BAINY3	30.0	151°
	MUSCL3	28.5	259°
	KKILR3	31.2	271°
	KASPR7	23.0	356°
	BLUEM4	30.4	358°
RW22			
	NITZR3	31.6	16°
	TWOLF3	40.4	20°
	TORGY3	29.4	79°
	BAINY3	30.0	151°
	MUSCL3	28.5	259°
	KKILR3	31.2	271°
	KASPR7	23.0	356°
	BLUEM4	30.4	358°
RW30 (ALL)			
	NITZR3	31.6	16°
	TWOLF3	40.4	20°
	MUSCL3	28.5	259°
	KKILR3	31.2	271°
	KASPR7	23.0	356°
	BLUEM4	30.4	358°
RW30L			
	TORGY3	29.4	79°
	BAINY3	30.0	151°
RW30R			
	TORGY3	29.4	79°
	BAINY3	30.0	151°
RW35			
	NITZR3	31.6	16°
	TWOLF3	40.4	20°
	TORGY3	29.4	79°
	BAINY3	30.0	151°
	MUSCL3	28.5	259°
	KKILR3	31.2	271°
	KASPR7	23.0	356°
	BLUEM4	30.4	358°

## Holding patterns

STAR name	hold at	type	turn	heading*	altitude	leg	speed limit
BAINY3	BAINY	VHF	left	339 (159)°		DME 10.0mi	ICAO rules
BLUEM4	LAZYY	VHF	right	184 (4)°		DME 10.0mi	ICAO rules
EAU9	BEERI	VHF	right	127 (307)°		1.0min timed	ICAO rules
EAU9	EAU	NDB	right	123 (303)°		1.0min timed	ICAO rules
EAU9	HERMI	VHF	left	101 (281)°	< 17999ft	DME 10.0mi	ICAO rules
GEP1	GOLLF	VHF	left	333 (153)°	< 17999ft	1.0min timed	ICAO rules
KASPR7	JAGOW	VHF	right	178 (358)°		1.0min timed	ICAO rules

KASPR7	KASPR	VHF	right	178 (358)°		1.0min timed	ICAO rules
KASPR7	ZIBBY	VHF	right	178 (358)°	< 60000ft	1.0min timed	ICAO rules
KKILR3	BEERI	VHF	right	127 (307)°		1.0min timed	ICAO rules
KKILR3	CMAAC	VHF	left	112 (292)°		DME 10.0mi	ICAO rules
KKILR3	KBULL	VHF	right	129 (309)°		DME 10.0mi	ICAO rules
MUSCL3	JERMN	VHF	right	97 (277)°		DME 10.0mi	ICAO rules
MUSCL3	SHEAY	VHF	right	95 (275)°		DME 10.0mi	ICAO rules
NITZR3	DEMLL	VHF	right	184 (4)°		DME 10.0mi	ICAO rules
SKETR5	RWF	NDB	left	245 (65)°	< 17999ft	1.0min timed	ICAO rules
SKETR5	SKETR	VHF	left	245 (65)°	< 17999ft	1.0min timed	ICAO rules
TORGY3	ERICX	VHF	left	241 (61)°		DME 10.0mi	ICAO rules
TORGY3	TORGY	VHF	left	252 (72)°		DME 10.0mi	ICAO rules
TWOLF3	TWOLF	VHF	left	178 (358)°	< 17999ft	1.0min timed	ICAO rules

\*) magnetic outbound (inbound) holding course

## Disclaimer

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