

# KBIL

Billings Logan Intl

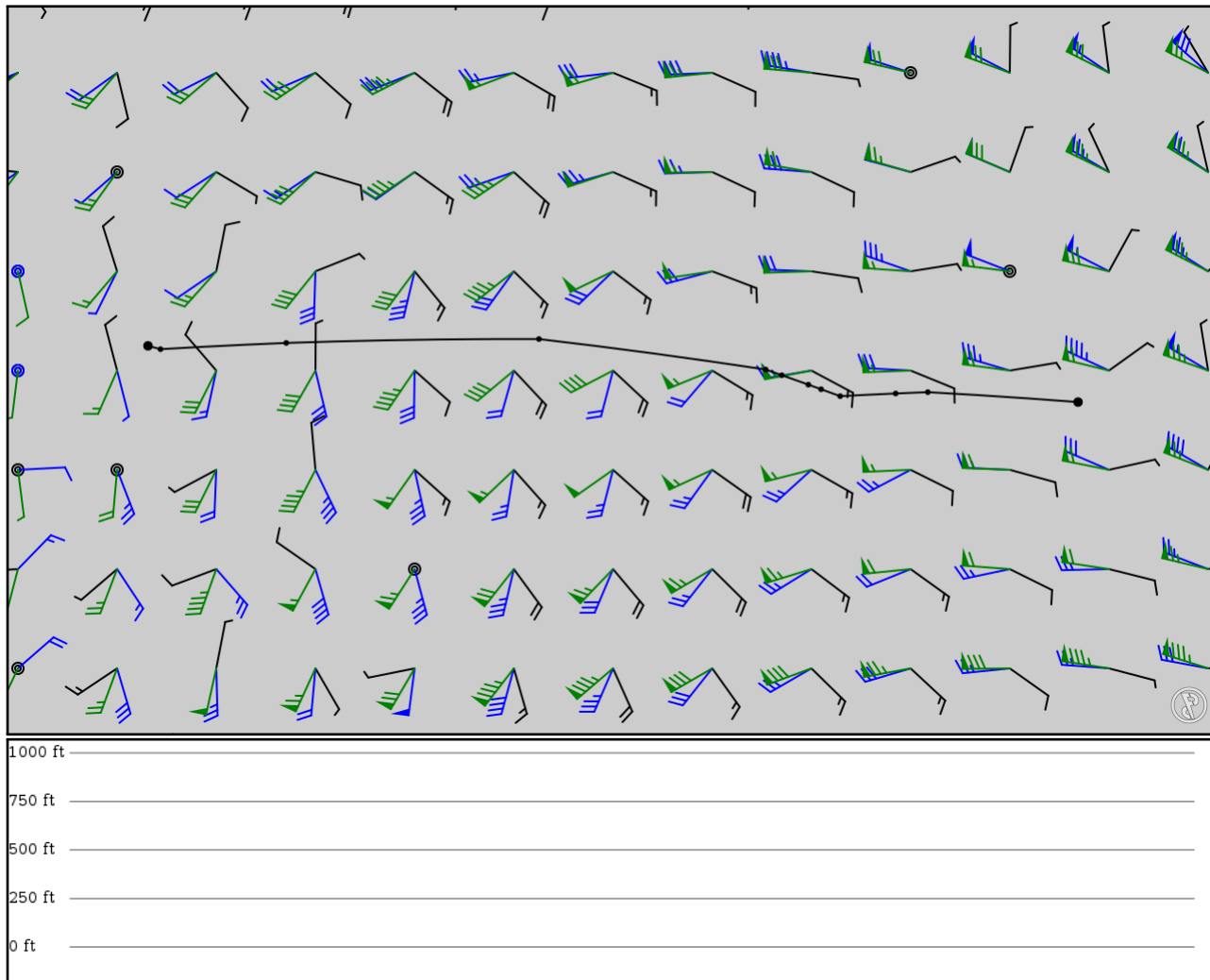
# KMSP

Minneapolis-St Paul International Airport

2024/05/03 1443Z

KBIL YIGUD LAMYU LEM ABR **V24** ATY **V78** ARDUE KMSP

655.22 nm / 1213.46 km



## Notes

Requested: KBIL YIGUD LAMYU LEM J90 ABR V24 ATY V78 ARDUE KMSP

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KBIL	-	45.80770	0 ft	-	Billings Logan Intl
APT	-	-108.54600	0 m	-	
YIGUD	-	45.75270	0 ft	9	-
FIX	-	-108.34000	0 m	-	-
LAMYU	-	45.85570	0 ft	86	-
FIX	-	-106.26800	0 m	-	-
LEM	-	45.91980	0 ft	174	LEMMON
VOR	-	-102.10400	0 m	-	-
ABR	-	45.41740	0 ft	159	ABERDEEN
VOR	-	-98.36870	0 m	-	-
FIBDA	V24	45.32410	0 ft	12	-
FIX	AWY-LO	-98.10260	0 m	-	-
CALAG	V24	45.16890	0 ft	20	-
FIX	AWY-LO	-97.66560	0 m	-	-
WICKA	V24	45.09360	0 ft	9	-
FIX	AWY-LO	-97.45560	0 m	-	-
ATY	V24	44.97970	0 ft	14	WATERTOWN
VOR	AWY-LO	-97.14170	0 m	-	-
DAWSO	V78	45.02350	0 ft	38	-
FIX	AWY-LO	-96.22770	0 m	-	-
ARDUE	V78	45.04550	0 ft	22	-
FIX	AWY-LO	-95.69740	0 m	-	-
KMSP	-	44.88190	0 ft	105	Minneapolis-St Paul International Airport
APT	-	-93.22200	0 m	-	

## KBIL

Region: UNITED STATES

Timezone: AMERICA/DENVER

Runways: 3

Elevation: 3,662 ft / 1,116 m

Location: 45.807700 -108.546000

Magnetic Var: 9.958 E

## METAR

KBIL 031353Z 24005KT 10SM OVC060 01/M03 A3001 RMK AO2 SLP181 SHRASN DSNT N-NE T00061033

## TAF

KBIL 031134Z 0312/0412 31008KT P6SM SCT060 FM031800 32014G23KT P6SM BKN060 FM032200 35008KT P6SM BKN100 FM040200

## Frequencies

COM - 122.95 MHz - BILLINGS UNICOM

GND - 121.90 MHz - BILLINGS GROUND

TWR - 257.80 MHz - BILLINGS TOWER (2)

APP - 119.20 MHz - BILLINGS APPROACH (EAST)

DEP - 120.50 MHz - BILLINGS DEPARTURE (WEST)

REC - 126.30 MHz - ATIS

TWR - 127.20 MHz - BILLINGS TOWER (1)

DEP - 119.20 MHz - BILLINGS DEPARTURE (EAST)

APP - 120.50 MHz - BILLINGS APPROACH (WEST)

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10L	150 ft	10,493 ft	111.77	ASPHALT	0 ft	200 ft
	46 m	3,198 m	101.82		0 m	61 m
28R	150 ft	10,493 ft	291.80	ASPHALT	0 ft	200 ft
	46 m	3,198 m	281.84		0 m	61 m
07	75 ft	5,488 ft	83.97	ASPHALT	0 ft	0 ft
	23 m	1,673 m	74.01		0 m	0 m
25	75 ft	5,488 ft	263.99	ASPHALT	0 ft	0 ft
	23 m	1,673 m	254.03		0 m	0 m
10R	75 ft	3,793 ft	111.70	ASPHALT	0 ft	0 ft
	23 m	1,156 m	101.74		0 m	0 m
28L	75 ft	3,793 ft	291.71	ASPHALT	0 ft	0 ft
	23 m	1,156 m	281.75		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
28R	DME	IBMO	111.50 MHz	18 nm	-	-	3,649 ft
				33 km	-		3,649 m
10L	LOC-ILS	IBIL	110.30 MHz	18 nm	111.80	-	3,492 ft
				33 km	101.84		3,492 m
28R	LOC-ILS	IBMO	111.50 MHz	18 nm	291.77	-	3,584 ft
				33 km	281.81		3,584 m
10L	GS	IBIL	110.30 MHz	10 nm	112.57	3.00	3,571 ft
				19 km	102.61		3,571 m
28R	GS	IBMO	111.50 MHz	10 nm	292.57	3.00	3,488 ft
				19 km	282.61		3,488 m

## KMSP

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

Elevation: 841 ft / 256 m  
Location: 44.881900 -93.222000  
Magnetic Var: 0.275 W

## METAR

KMSP 031353Z 24008KT 10SM CLR 12/04 A2998 RMK A02 SLP155 T01220039

## TAF

TAF KMSP 031120Z 0312/0418 22006KT P6SM SKC FM031500 25011G18KT P6SM SKC FM040000 22009KT P6SM BKN100 FM040700 29011G18KT P6SM SKC

## Frequencies

DEP - 132.97 MHz - MINNEAPOLIS DEPARTURE	DEP - 125.75 MHz - MINNEAPOLIS DEPARTURE
DEP - 124.70 MHz - MINNEAPOLIS DEPARTURE	APP - 126.95 MHz - MINNEAPOLIS APPROACH
APP - 119.30 MHz - MINNEAPOLIS APPROACH	APP - 118.72 MHz - MINNEAPOLIS APPROACH
TWR - 126.70 MHz - MINNEAPOLIS TOWER	TWR - 123.95 MHz - MINNEAPOLIS TOWER
TWR - 123.67 MHz - MINNEAPOLIS TOWER	GND - 133.57 MHz - MINNEAPOLIS GROUND
GND - 127.92 MHz - MINNEAPOLIS GROUND	GND - 121.90 MHz - MINNEAPOLIS GROUND
GND - 121.80 MHz - MINNEAPOLIS GROUND	REC - 120.80 MHz - MINNEAPOLIS D-ATIS
REC - 135.35 MHz - MINNEAPOLIS D-ATIS	COM - 122.95 MHz - MINNEAPOLIS UNICOM
CLD - 133.20 MHz - MINNEAPOLIS CLEARANCE DELIVERY	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17	150 ft	8,008 ft	169.56	CONCRETE	0 ft	397 ft
	46 m	2,441 m	169.83		0 m	121 m
35	150 ft	8,008 ft	349.56	CONCRETE	0 ft	394 ft
	46 m	2,441 m	349.84		0 m	120 m
12L	150 ft	8,190 ft	121.42	CONCRETE	0 ft	397 ft
	46 m	2,496 m	121.69		0 m	121 m
30R	150 ft	8,190 ft	301.44	CONCRETE	203 ft	394 ft
	46 m	2,496 m	301.71		62 m	120 m
12R	200 ft	9,985 ft	121.42	CONCRETE	0 ft	1,194 ft
	61 m	3,043 m	121.70		0 m	364 m
30L	200 ft	9,985 ft	301.44	CONCRETE	0 ft	781 ft
	61 m	3,043 m	301.72		0 m	238 m
04	150 ft	11,118 ft	44.90	CONCRETE	1,660 ft	0 ft
	46 m	3,389 m	45.18		506 m	0 m
22	150 ft	11,118 ft	224.92	CONCRETE	0 ft	410 ft
	46 m	3,389 m	225.20		0 m	125 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12L	DME	IPJL	110.70 MHz	18 nm	-	-	813 ft
				33 km	-		813 m
12R	DME	IHKZ	110.30 MHz	18 nm	-	-	841 ft
				33 km	-		841 m
17	DME	ITJZ	110.95 MHz	18 nm	-	-	822 ft
				33 km	-		822 m
30L	DME	IMSP	110.30 MHz	18 nm	-	-	841 ft
				33 km	-		841 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
30R	DME	IINN	110.70 MHz	18 nm	-	-	813 ft
				33 km	-		813 m
35	DME	IBMA	110.95 MHz	18 nm	-	-	822 ft
				33 km	-		822 m
12L	LOC-ILS	IPJL	110.70 MHz	18 nm	121.43	-	841 ft
				33 km	121.71		841 m
12R	LOC-ILS	IHKZ	110.30 MHz	18 nm	121.44	-	841 ft
				33 km	121.72		841 m
30L	LOC-ILS	IMSP	110.30 MHz	18 nm	301.44	-	841 ft
				33 km	301.72		841 m
30R	LOC-ILS	IINN	110.70 MHz	18 nm	301.43	-	841 ft
				33 km	301.71		841 m
35	LOC-ILS	IBMA	110.95 MHz	18 nm	349.56	-	841 ft
				33 km	349.84		841 m
04	LOC-LOC	IAPL	109.30 MHz	18 nm	44.92	-	841 ft
				33 km	45.20		841 m
17	LOC-LOC	ITJZ	110.95 MHz	18 nm	169.56	-	841 ft
				33 km	169.84		841 m
22	LOC-LOC	ISIJ	110.50 MHz	18 nm	224.92	-	841 ft
				33 km	225.20		841 m
12L	GS	IPJL	110.70 MHz	10 nm	121.43	3.00	841 ft
				19 km	121.71		841 m
12R	GS	IHKZ	110.30 MHz	10 nm	121.44	3.00	841 ft
				19 km	121.72		841 m
30L	GS	IMSP	110.30 MHz	10 nm	301.44	3.00	841 ft
				19 km	301.72		841 m
30R	GS	IINN	110.70 MHz	10 nm	301.43	3.00	841 ft
				19 km	301.71		841 m
35	GS	IBMA	110.95 MHz	10 nm	349.56	3.00	841 ft
				19 km	349.84		841 m