

RADAR INSTRUMENT APPROACH MINIMUMS

BISMARCK, ND
BISMARCK MUNI (BIS)
RADAR-1 126.3 298.9

Amdt 3B, 26AUG10 (10238) (FAA)

ELEV 1661

	RWY	GP/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS
ASR	31		AB	2100/24	455	(500-½)	C	2100/40	455	(500-¾)
			D	2100/50	455	(500-1)				
	13		AB	2100-1	445	(500-1)	C	2100-1¼	445	(500-1¼)
			D	2100-1½	445	(500-1½)				
	3		AB	2120-1	459	(500-1)	C	2120-1¼	459	(500-1¼)
			D	2120-1½	459	(500-1½)				
	21		AB	2120-1	459	(500-1)	C	2120-1¼	459	(500-1¼)
			D	2120-1½	459	(500-1½)				
CIR	ALL RWY		A	2180-1	519	(600-1)	B	2220-1	539	(600-1)
			C	2220-1½	559	(600-1½)	D	2280-2	619	(700-2)

Inoperative table does not apply to MALS Rwy 13

DULUTH, MN
DULUTH INTL (DLH)
RADAR-1 125.45 233.7

Orig-A, 30JAN20 (20030) (FAA)

ELEV 1428

	RWY	GP/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS
ASR	3		AB	1820-1	400	(400-1)	CDE	1820-1½	400	(400-1½)
	9		ABCDE	1820/40	392	(400-¾)				
	21		AB	1840-1	420	(500-1)	CDE	1840-1½	420	(500-1½)
	27		AB	1880/40	459	(500-¾)	CDE	1880/45	459	(500-¾)
CIR	ALL RWY		A	1880-1	452	(500-1)	B	1900-1	472	(500-1)
			C	1940-1½	512	(600-1½)	DE	2400-3	972	(1000-3)

Circling NA for CAT E SE of Rwys 3 and 27.
Rwy 3, 9, 21 helicopter visibility reduction below ¾ SM not authorized.
VGSi and descent angles not coincident.
For inoperative ALS, increase ASR S-09 Cats A/B visibility to RVR 5500, Cats C/D/E to 1% SM.
For inoperative ALS, increase ASR S-27 Cats A/B visibility to RVR 5500, Cats C/D/E to 1% SM.

03 DEC 2020 to 31 DEC 2020

03 DEC 2020 to 31 DEC 2020

RADAR INSTRUMENT APPROACH MINIMUMS

MANDAN, ND
MANDAN MUNI (Y19)
RADAR-1 126.3 298.9

Amdt 5A, 18AUG16 (16231) (FAA)

ELEV 1994

	<u>RWY</u>	<u>GP/TCH/RPI</u>	<u>CAT</u>	<u>DA/ MDA-VIS</u>	<u>HAT/ HAA</u>	<u>CEIL-VIS</u>	<u>CAT</u>	<u>DA/ MDA-VIS</u>	<u>HAT/ HAA</u>	<u>CEIL-VIS</u>
ASR	31		AB	2440-1	499	(500-1)	CD	2440-1 ³ / ₈	499	(500-1 ³ / ₈)
	13		AB	2460-1	522	(600-1)	CD	2460-1 ¹ / ₂	522	(600-1 ¹ / ₂)
CIR	ALL RWY		AB	2460-1	516	(600-1)	C	2460-1 ¹ / ₂	516	(600-1 ¹ / ₂)
			D	2560-2	616	(700-2)				

ASR S-13: Helicopter visibility reduction below 3/4 SM not authorized.
ASR S-31: Helicopter visibility reduction below 3/4 SM not authorized.
When BIS control tower closed, ASR NA.
When local altimeter setting not received, use Bismarck altimeter setting and increase all MDA 60 feet,
increase all CAT C/D visibility 1/4 mile.
Circling to Rwys 4 and 22 NA.

03 DEC 2020 to 31 DEC 2020

ROCHESTER, MN
ROCHESTER INTL (RST)
RADAR-1 119.8 251.125

Amdt 8A, 19JUL18 (18200) (FAA)

ELEV 1317

	<u>RWY</u>	<u>GP/TCH/RPI</u>	<u>CAT</u>	<u>DA/ MDA-VIS</u>	<u>HAT/ HAA</u>	<u>CEIL-VIS</u>	<u>CAT</u>	<u>DA/ MDA-VIS</u>	<u>HAT/ HAA</u>	<u>CEIL-VIS</u>
ASR	13		ABC	1640/24	360	(400-1/2)	D	1640/50	360	(400-1)
	31		ABC	1660/24	356	(400-1/2)	D	1660/50	356	(400-1)
	2		ABC	1680-1	363	(400-1)	D	1680-1 ¹ / ₄	363	(400-1 ¹ / ₄)
	20		ABC	1680-1	376	(400-1)	D	1680-1 ¹ / ₄	376	(400-1 ¹ / ₄)
CIR	ALL RWY		A	1720-1	403	(500-1)	B	1780-1	463	(500-1)
			C	1780-1 ¹ / ₂	463	(500-1 ¹ / ₂)	D	1880-2	563	(600-2)

When control tower closed, procedure NA.
For inoperative MALSR, increase S-13 and S-31 CAT D visibility to RVR 6000.

03 DEC 2020 to 31 DEC 2020

RADAR INSTRUMENT APPROACH MINIMUMS


RADAR INSTRUMENT APPROACH MINIMUMS

SIoux FALLS, SD

Amdt 10B, 06FEB14 (18144) (FAA)

ELEV 1430

JOE FOSS FIELD (FSD)

RADAR-1 125.8 284.725 

	RWY	GP/TCH/RPI	DA/		HAT/		CAT	DA/		HAT/	
			CAT	MDA-VIS	HAA	CEIL-VIS		CAT	MDA-VIS	HAA	CEIL-VIS
ASR	33		AB	1920-1	498	(500-1)	CDE	1920-1½	498	(500-1½)	
	3		AB	1940/24	516	(600-½)	CDE	1940/55	516	(600-1¼)	
	21		AB	1960/24	530	(600-½)	CDE	1960/55	530	(600-1¼)	
	15		AB	1960-1	531	(600-1)	CDE	1960-1½	531	(600-1½)	
CIR	ALL RWY		AB	1980-1	550	(600-1)	C	1980-1½	550	(600-1½)	
			D	2040-2	610	(700-2)	E	2300-3	870	(900-3)	

When control tower closed, ASR NA.

Rwy 15/33 helicopter visibility reduction below ³/₄ SM not authorized.

For inoperative MALSR, increase S-3 Cat C/D/E visibility to 1³/₈ mile.

For inoperative MALSR, increase S-21 Cat C/D/E visibility to 1¹/₂ mile.

03 DEC 2020 to 31 DEC 2020

03 DEC 2020 to 31 DEC 2020

RADAR INSTRUMENT APPROACH MINIMUMS