

LOC I-GBY <u>109.7</u>	APP CRS 125°	Rwy Idg 7221 TDZE 1183 Apt Elev 1183
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ILS or LOC RWY 12
NLMARSHALL/RYAN FLD (MML)

SOUTHWEST MINNESOTA RGNL MARSHALL/RYAN FLD (MML)

ADF or DME required.

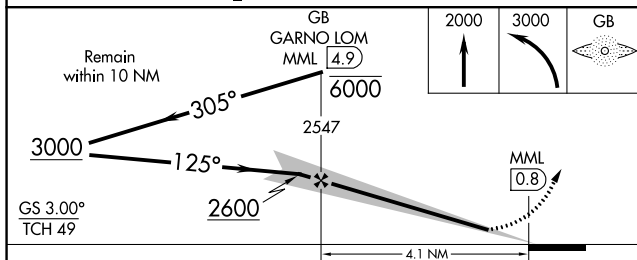
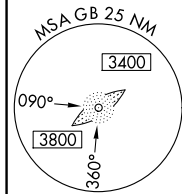
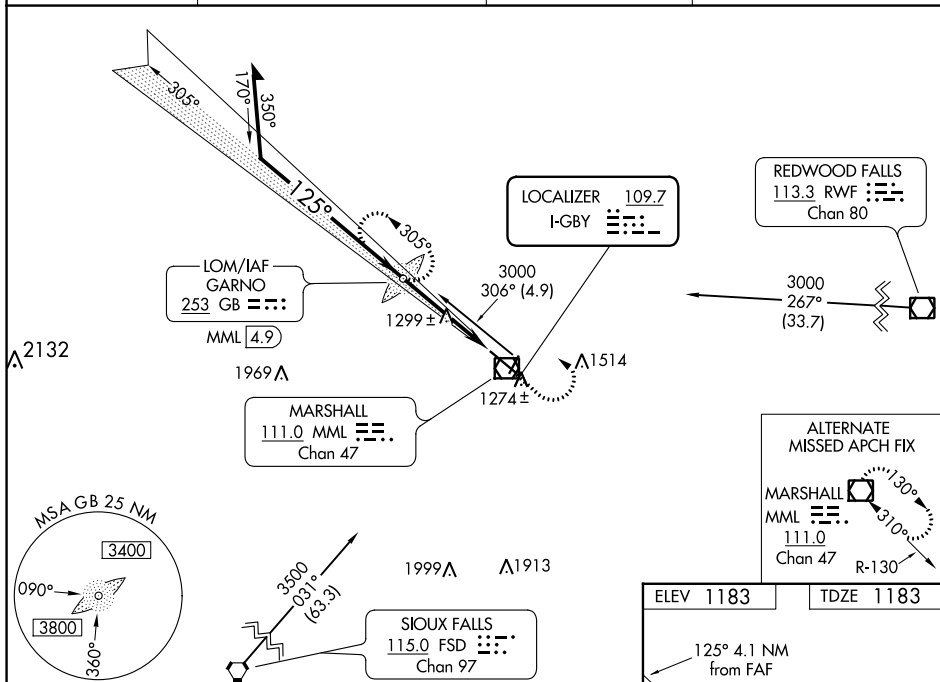
NA When local altimeter setting not received, use Tracy Muni altimeter setting and increase ILS DA to 1441 feet and all MDA 60 feet, S-LOC Cat C/D visibility 1/8 SM and Circling visibility Cat C/D 1/4 SM. Inop table does not apply. For inop ALS increase S-LOC 12 all Cats visibility to 1 SM. Inop table does not apply when using Tracy Muni altimeter setting. For inop ALS when using Tracy Muni altimeter setting, increase S-LOC 12 Cat A/B visibility to 1 SM.

MALSR



MISSED APPROACH: Climb to 2000 then climbing left turn to 3000 direct GARNO LOM/ MML 4.9 DME and hold.

AWOS-3PT 120.150	MINNEAPOLIS CENTER 127.1 290.2	GCO 121.725	UNICOM 122.8 (CTAF) 0
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CATEGORY	A	B	C	D
S-ILS 12	1383-½ 200 (200-½)			
S-LOC 12	1560-½ 377 (400-½)		1560-⅝	377 (400-⅝)
CIRCLING	1640-1 457 (500-1)		1820-1¾ 637 (700-1¾)	1840-2 657 (700-2)

ELEV 1183 TDZE 1183

125° 4.1 NM from FAF

45 30 20 10 5 2 24 30

7221 X 100 3999 X 75

HIRL Rwy 12-30
REIL Rwy 2 and 20
MIRL Rwy 2-20

FAF to MAP 4.1 NM

	60	90	120	150	180
Knots	60	90	120	150	180
Min:Sec	4:06	2:44	2:03	1:38	1:22

RNP APCH-GPS.

▼

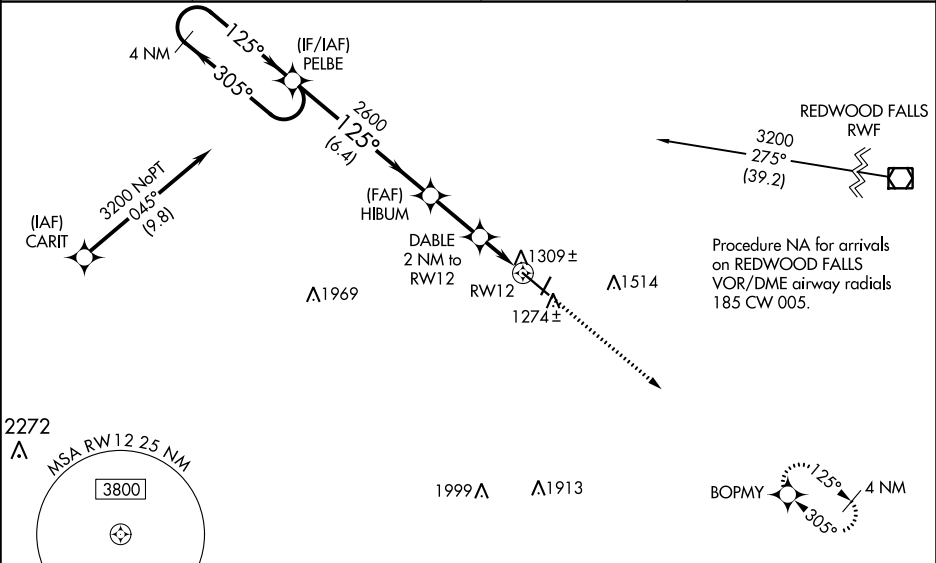
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Baro-VNAV and VDP NA when using Tracy Muni altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 36°C. When local altimeter setting not received, use Tracy Muni altimeter setting and increase LPV DA to 1441 feet; LNAV/VNAV DA to 1548 and all Cats visibilities ½ SM; increase all MDA 60 feet, LNAV visibility Cat C/D ½ SM and Circling visibility Cat C/D ¼ SM. For inop ALS, increase LNAV/VNAV all Cats visibility to ¾ SM, and LNAV Cat C/D visibility to 1 SM. For inop ALS when using Tracy Muni altimeter setting, increase LNAV/VNAV all Cats visibility to 1 SM.

MALSR

MISSED APPROACH:
Climb to 3000 direct BOPMY and hold.

AWOS-3PT 120.150	MINNEAPOLIS CENTER 127.1 290.2	GCO 121.725	UNICOM 122.8 (CTAF)
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ELEV 1183

TDZE 1183

4 NM Holding Pattern

3200 305° 125°

GP 3.00° TCH 49

PELBE

HIBUM 2600

DABLE 2 NM to RW12

*1860

*1 NM to RW12

RW12

3000 BOPMY

125° to RW12

*LNAV only

7221 x 100

3999 x 75

2

30

CATEGORY	A	B	C	D
LPV DA		1383-½ 200 (200-½)		
LNAV/VNAV DA		1490-½ 307 (400-½)		
LNAV MDA	1560-½ 377 (400-½)		1560-⅝ 377 (400-⅝)	
CIRCLING	1640-1 457 (500-1)		1820-1¾ 637 (700-1¾)	1840-2 657 (700-2)

HIRL Rwy 12-30

REIL Rws 2 and 20

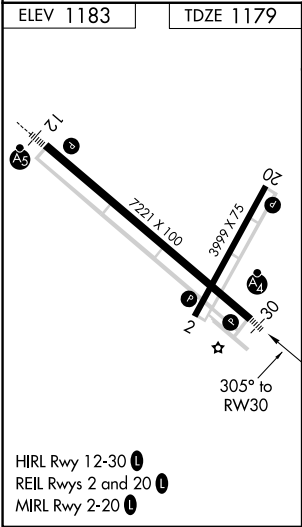
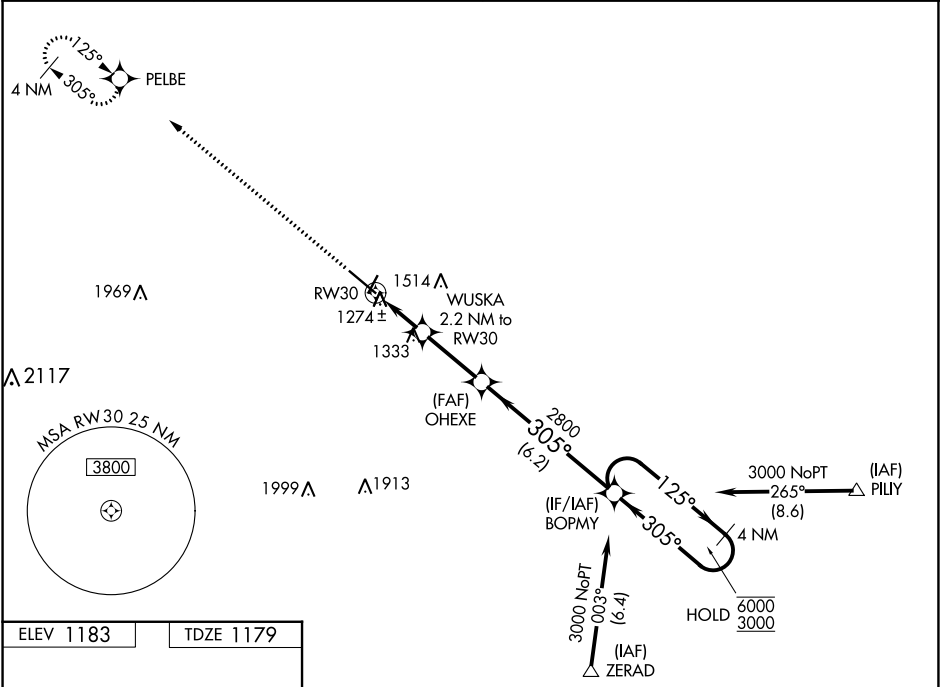
MIRL Rwy 2-20

WAAS CH 86321 W30A	APP CRS 305°	Rwy Idg TDZE Apt Elev	7221 1179 1183
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RNAV (GPS) RWY 30

SOUTHWEST MINNESOTA RGNL MARSHALL/RYAN FLD (MML)

RNP APCH - GPS		MALSF	MISSED APPROACH: Climb to 3200 direct PELBE and hold.
Rwy 30 helicopter visibility reduction below ¾ SM NA. Inop table does not apply to LPV all Cats. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C. For inop ALS increase LNAV/VNAV all Cats visibility to ¾ SM.			
AWOS-3PT 120.150	MINNEAPOLIS CENTER 127.1 290.2	GCO 121.725	UNICOM 122.8 (CTAF) 0



3200	PELBE	VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 32).			
		WUSKA 2.2 NM to RW30	OHXE	BOPMY 4 NM Holding Pattern	
		1.2 NM to RW30	2800	125° 6000	305° 3000
			1900	305°	GP 3.00° TCH 40
		1.2 NM	1 NM	2.8 NM	6.2 NM
CATEGORY	A	B	C	D	
LPV DA	1429-¾ 250 (300-¾)				
LNAV/VNAV DA	1464-¾ 285 (300-¾)				
LNAV MDA	1600-¾ 421 (500-¾)	1600-1 421 (500-1)			
CIRCLING	1640-1 457 (500-1)	1820-1¾ 637 (700-1¾)		1840-2 657 (700-2)	

NC-1, 22 FEB 2024 to 21 MAR 2024

NC-1, 22 FEB 2024 to 21 MAR 2024

VOR/DME MML

111.0

Chan 47

APP CRS

130°

Rwy Idg

7221

TDZE

1183

Apt Elev

1183

SOUTHWEST MINNESOTA RGNL MARSHALL/RYAN FLD (MML)

VOR RWY 12

▼

NA

For inop ALS, increase S-12 Cat C/D visibilities to 1½ SM, CEGUL fix minimums: S-12 Cat C/D visibility to 1 SM. For inop ALS when using Tracy altimeter setting increase S-12 Cat C/D visibilities to 1¾ SM. When local altimeter setting not received, use Tracy Muni altimeter setting and increase all MDAs 60 feet, S-12 Cat C/D visibility ½; Circling Cat C/D visibility ¾ SM; CEGUL fix minimums: increase Circling C/D visibility ¼ SM. VDP NA when using Tracy Muni altimeter setting.

MALSR

MISSED APPROACH: Climb to 2000, then climbing left turn to 2800 direct MML VOR/DME and hold.

AWOS-3PT 120.150	MINNEAPOLIS CENTER 127.1 290.2	GCO 121.725	UNICOM 122.8 (CTAF)
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Enroute chart for Marshall, Minnesota area. The chart shows the VOR RWY 12 (111.0 MML, Chan 47) and the CEGUL MML (113.0 MML, Chan 80). It also shows the Sioux Falls FSD (115.0 FSD, Chan 97) and the Redwood Falls RWF (113.3 RWF, Chan 80). The chart includes various navigation aids, including the MSA MML 25 NM and the MSA MML 25 NM. The chart also shows the runway layout for Marshall, Minnesota, including the runway 12-30 and the taxiway 30-30. The chart includes a compass rose showing the MSA MML 25 NM and a diagram of the runway layout.

ELEV 1183		TDZE 1183	
Remain within 10 NM		VOR/DME 6000	
2800		130° to VOR/DME	
CEGUL MML 3		MML 1.9	
1760		7221 X 100	
1.1 NM		3000 X 75	
1.1 NM		30	
CATEGORY	A	B	D
S-12	1760-½ 577 (600-½)	1760-1¼ 577 (600-1¼)	
CIRCLING	1760-1 577 (600-1)	1820-1¾ 637 (700-1¾)	1840-2 657 (700-2)
CEGUL FIX MINIMUMS			
S-12	1560-½ 377 (400-½)	1560-¾ 377 (400-¾)	
CIRCLING	1640-1 457 (500-1)	1820-1¾ 637 (700-1¾)	1840-2 657 (700-2)
HIRL Rwy 12-30		REIL Rws 2 and 20	
MIRL Rwy 2-20			

MARSHALL, MINNESOTA

Amdt 8C 15JUL21

SOUTHWEST MINNESOTA RGNL MARSHALL/RYAN FLD (MML)

44°27'N-95°49'W

VOR RWY 12