

ILS or LOC RWY 30L

MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN (MSP)

MISSED APPROACH: Climb to 1300 then climb to 3000 on heading 301° and MSP VOR/DME R-298 to WOXEB INT/ GEP VORTAC 11.8 DME and hold.

MINNEAPOLIS
115.3 MSP [11.8]
Chan 100

MISSED APCH FIX

WOXEB
GEP [11.8]
R-236
Chan 120

R-298
117.3 GEP
R-236
Chan 120

R-298
115.3 MSP
R-298
Chan 100

EAGAN
I-MSP [2.3]
RADAR

NARCO
I-MSP [6.9]
RADAR

(IF) AABEZ
I-MSP [10]
RADAR

PIGZI
I-MSP [13.2]
RADAR

DBLEM
4000 to AABEZ
323° (6.6)

PINKE
I-MSP [16.3]
RADAR

HASTI
I-MSP [19.4]
RADAR

GEEQU
7000 210K
(RNAV 1-GPS REQD)

LOCALIZER 110.3
I-MSP []
Chan 40

MSA MSP 25 NM
[3500]
[2800]

WOXEB FCM [15.6]
150°
330°
117.3 FCM
R-390
Chan 124

ALTERNATE MISSED APCH FIX

ELEV 842 **D** **TDZE 823**

1300 ↑ hdg 301°	3000 ↑ hdg 301°	MSP R-298 △	WOXEB VGS1 and ILS glidepath not coincident (VGS1 Angle 3.00°/TCH 78).			AABEZ I-MSP 10 RADAR
*LOC only		EAGAN I-MSP 2.3 RADAR	NARCO I-MSP 6.9 RADAR		I-MSP 10 RADAR	
I-MSP 0.2 IM		*I-MSP 1.2	3000		4000	
0.2		0.8 NM	1.1 NM	4.6 NM	3.1 NM	GS 3.00° TCH 55
CATEGORY	A	B	C	D	E	
S-ILS 30L	1023/18 200 (200-½)					
S-LOC 30L	1220/24	397 (400-½)	1220/35 397 (400-¾)			
CIRCLING	1360-1	518 (600-1)	1460-1¾ 618 (700-1¾)	1660-2¾ 818 (900-2¾)	1800-3 958 (1000-3)	