

WAAS CH 82013 W13A	APP CRS 133°	Rwy Idg TDZE 1031 Apt Elev 1031
--	------------------------	---

RNAV (GPS) RWY 13

ST CLOUD RGNL (STC)

⚠

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 47°C (116°F). DME/DME RNP-0.3 NA. VDP and Baro-VNAV NA when using Little Falls altimeter setting. When local altimeter setting not received, use Little Falls altimeter setting and increase all DA 76 feet and all MDA 80 feet. Increase LNAV/ VNAV visibility ¼ mile all Cats. Circling to Rwy 5-23 NA at night. For inoperative MALSR, increase LNAV Cat D visibility ¼ mile. For inoperative MALSR when using Little Falls altimeter setting, increase LPV all Cats visibility ½ mile.

MALSR

MISSED APPROACH:

Climb to 3000 direct ZUXAL and hold.

ATIS 119.375	MINNEAPOLIS CENTER 121.05 397.9	ST. CLOUD TOWER ★ 118.25 (CTAF) 0	GND CON 123.75	UNICOM 123.5
------------------------	---	---	--------------------------	------------------------

The main chart displays the RNAV (GPS) RWY 13 approach. It starts with a 4 NM holding pattern at 3000 feet, heading 133°. The path then descends through various altitudes: 2800 feet at the (IF/IAF) WELOK, 2600 feet at the (FAF) OSACA, 2500 feet at the TUIYUB (2.5 NM to RW13), and 1532 feet at the RW13. The final descent is to 1230 feet at the RW13. The chart also shows the (IAF) OKEYA, (IAF) YOGUN, and (IAF) DARWIN DWN. A missed approach procedure is shown as a climb to 3000 feet direct ZUXAL and hold. The chart includes a scale bar for 3000 feet (266' (19.9')), a GOLFF symbol, and a MSA RW13 25 NM circle with a 3500' ceiling. A 'MISSED APCH FIX' is shown with a 4 NM distance to ZUXAL. The chart also includes a 'Procedure NA for arrivals at DWN VORTAC via V171 southeast bound.' and a 'DARWIN DWN' symbol.

4 NM Holding Pattern		WELOK	OSACA	TUIYUB 2.5 NM to RW13	RW13
3000		313°	133°	133°	2800
GP 3.00° TCH 49					
		6.1 NM	2.8 NM	1.4 NM	1.1 NM
CATEGORY	A	B	C	D	
LPV DA	1231-½		200 (200-½)		
LNAV/VNAV DA	1455-1		424 (500-1)		
LNAV MDA	1440-½	409 (500-½)	1440-¾ 409 (500-¾)	1440-1 409 (500-1)	
CIRCLING	1500-1	469 (500-1)	1500-1½ 469 (500-1½)	1620-2 589 (600-2)	

The inset chart shows the final approach and missed approach procedure. It includes the 'ELEV 1031' and 'TDZE 1031' information. The chart shows the 'ZUXAL' fix and the 'RW13' runway. The chart also shows the 'TWR 1110' and the 'MIRL Rwy 5-23' and 'HIRL Rwy 13-31' lights. The chart includes a scale bar for 3000 feet (266' (19.9')), a GOLFF symbol, and a MSA RW13 25 NM circle with a 3500' ceiling. A 'MISSED APCH FIX' is shown with a 4 NM distance to ZUXAL. The chart also includes a 'Procedure NA for arrivals at DWN VORTAC via V171 southeast bound.' and a 'DARWIN DWN' symbol.

ST. CLOUD, MINNESOTA
Amdt 1 27AUG09

45°33'N-94°04'W

ST CLOUD RGNL (STC)

RNAV (GPS) RWY 13