

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97. 23					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.				
TERMINAL ROUTES					MISSED APPROACH				
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: 5.97 MILES AFTER PASSING MAXIE OR AT TNU 25.97 DME. CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3000 DIRECT TNU VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: FAS OBST: 1189 SILO 415653 / 933341 MAXIE TO RW31: 3.06/36					
TNU VOR/DME (IAF)	LOINS / RADAR / TNU 15.00 DME	295.84/15.00	3000						
LOINS	MAXIE / RADAR / TNU 20.00 DME	295.84/5.00 (TNU R-296)	2900						
NO PT FOR ARRIVALS ON TNU	VOR/DME AIRWAY RADIALS	031 CW 081							

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)			
2. HOLD SE TNU VOR/DME, RT, 295.84 INBOUND, 3000 FT IN LIEU OF PT (IAF)			
3. FAC 295.84 FAF MAXIE		DIST FAF TO MAP 5.97 THLD 5.97	
4. MIN. ALT TNU VOR/DME 3000; LOINS 3000; MAXIE 2900			
8. MSA FROM: TNU VOR/DME 090-180 2500, 180-090 4000 (27 NM)			
MAG VAR: 3E EPOCH YEAR: 95			

MINIMUMS																		
TAKEOFF:	<input type="checkbox"/>	STANDARD	<input checked="" type="checkbox"/>	SEE FAA FORM 8260-15 FOR THIS AIRPORT				ALTERNATE: N A		STANDARD								
CATEGORY				A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-31	1500	1	570	1500	1 1/4	570	1500	1 1/2	570				NA					
CIRCLING	1500	1	545	1500	1 1/4	545	1500	1 1/2	545				NA					

NOTES:

 DME OR RADAR REQUIRED

CITY AND STATE	ELEVATION: 955 TDZE: 930	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP
AMES, IA	AMES MUNI	TNU	FEB 21 2002 VOR RWY 31, AMDT 10	AMDT 9A
				DATED 04/30/97