

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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		
MAVVA	YETUG (FB)	143.80 / 30.06	7500	LNAV/VNAV: DA LNAV: RW29L	
YETUG	WISAR (FB)	121.37 / 9.90	7500	CLIMB TO 6500 DIRECT ESABE THEN CLIMBING RIGHT TURN ON TRACK 309.70 TO PIMMA AND HOLD.	
MESCA	ZOSDU (FB)	286.92 / 5.36	8500		
ZOSDU	TORAE (FB)	286.87 / 5.00	7600	ADDITIONAL FLIGHT DATA: HOLD SE, RT, 307.93 INBOUND. FAS OBST: 3049 AAO 320308N/1105118W CHART 2719 TREE 320516N/1105529W. 3099 AAO 320244N/1105016W DISTANCE TO THLD FROM 411 HAT: 1.13 NM. CHART VDP AT 2.01 MILES TO RW29L* *LNAV ONLY.	
WISAR (IAF)	HOTUP (FB)	039.88 / 9.00	6300		
HOTUP	AKIXE (FB)	018.17 / 5.40	6100		
TORAE (IAF)	AKIXE (FB)	249.66 / 5.27	6100		
(SEE FORM 8260-10)					

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT AKIXE
3. FAC: 303.07 FAF: TUKLE DIST FAF TO MAP: 5.72 THLD: 5.72
4. MIN. ALT: AKIXE 6100, TUKLE 4500
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 4500 GS ALT AT: TUKLE 4500 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR
8. MSA FROM: RW29L 10700

MAG VAR: 12E EPOCH YEAR: 1995

MINIMUMS

TAKEOFF:	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A			STANDARD @					
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV/VNAV DA	3040	1 3/8	411	3040	1 3/8	411	3040	1 3/8	411	3040	1 3/8	411			
LNAV MDA	3320	1	691	3320	1	691	3320	2	691	3320	2	691			
CIRCLING	3320	1	677	3320	1	677	3320	2	677	3320	2 1/4	677			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 27C (80F). @ CAT D 800-2 1/4
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.



CITY AND STATE TUCSON, AZ	ELEVATION: 2643 THRE: 2629 AIRPORT NAME: TUCSON INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 29L, AMDT 1 13 JAN 2011	SUP: AMDT: ORIG-B DATED 07/31/2008
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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
AKIXE (IF)	TUKLE (FB)	303.12 / 6.20	4500
TUKLE (FAF)	RW29L (MAP) (FO)	303.07 / 5.72	
RW29L (MAP)	3040 MSL	303.07	
3040 MSL	ESABE (FO)		6500
ESABE	PIMMA (FO)	309.70 / 16.02	6500

CITY AND STATE

TUCSON, AZ

ELEVATION: 2643

THRE: 2629

AIRPORT NAME:

TUCSON INTL

FACILITY IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 29L, AMDT 1

13 JAN 2011

SUP:

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