

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR OR TACAN STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23

Bearings, headings, courses, tracks 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 feet RVR.

| | | | | | | |
|----------------------------------|----------------------------------|---|---|----------------------------|-----------------------|---------------------------|
| <u>AIRPORT</u> TUCSON INTL | <u>AIRPORT ID</u> KTUS | <u>PROCEDURE NAME</u> VOR OR TACAN RWY 29R | <u>ORIGINAL/AMENDMENT</u> 2F | <u>CITY</u> TUCSON | <u>STATE</u> AZ | |
| <u>AIRPORT ELEVATION</u> 2643 | <u>TDZE</u> 2643 | <u>SUPERSEDED</u> VOR/DME OR TACAN RWY 29R | <u>ORIGINAL/AMENDMENT</u> 2E | <u>DATED</u> 06/20/2019 | <u>MAG VAR</u> 12E | <u>EPOCH YEAR</u> 1995 |
| <u>FACILITY</u> TUS | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 30 JANUARY 2020 | <u>REQUIRED EFFECTIVE DATE</u> ROUTINE | <u>CANCEL/SUSPEND</u> | | |

TERMINAL ROUTES

| FROM | FIX TYPE | TO | FIX TYPE | LEG TYPE | FO/FB | RNP | COURSE | DISTANCE | ALTITUDE |
|------------------------|----------|---------------------|----------|----------|-------|-----|---------------|------------------|----------|
| SULLI/TUS 20.00 DME CW | IAF | ILEEN/TUS 20.00 DME | | | | | 20.00 DME ARC | | 8000 |
| ILEEN/TUS 20.00 DME | IF | VAINE/TUS 13.50 DME | | | | | 303.04 | 6.50 (TUS R-123) | 7200 |
| VAINE/TUS 13.50 DME | | NAIRB/TUS 9.50 DME | | | | | 303.04 | 4.00 (TUS R-123) | 6100 |
| NAIRB/TUS 9.50 DME | | COPEY/TUS 5.00 DME | | | | | 303.04 | 4.50 (TUS R-123) | 4800 |

MISSED APPROACH

MAP:

HOSVO/TUS 0.30 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 6500 TO PIMMA/TUS 20.00 DME ON TUS R-308.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT ILEEN
3. FAC: 303.04 FAF: COPEY/TUS 5.00 DME DIST FAF TO MAP: DIST FAF TO THLD: 5.57
4. MIN ALT: ILEEN/TUS 20.00 DME 8000, VAINE/TUS 13.50 DME 7200, NAIRB/TUS 9.50 DME 6100, COPEY/TUS 5.00 DME 4800, GAVET/TUS 2.00 DME 3600
8. MSA FROM: TUS VORTAC 240-330 6600, 330-240 10700

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).



ADDITIONAL FLIGHT DATA:

VDA TO RW29R: 3.55/55.
CHART TUS R-107 AT SULLI.
CHART FAS OBST: 2875 TRANSMISSION LINE 320432N/1105311W.
CHART: 2894 TRANSMISSION LINE 320432N/1105234W.
FAC 6 FT L OF RWY C/L EXTENDED 3000 FT FROM THLD.

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ STANDARD - CAT E 1200-3

| CATEGORY: | A | | | B | | | C | | | D | | | E | | |
|------------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|---------|--------|-------|---------|
| FINAL TYPE | DA/MDA | VIS | HAT/HAA | DA/MDA | VIS | HAT/HAA | DA/MDA | VIS | HAT/HAA | DA/MDA | VIS | HAT/HAA | DA/MDA | VIS | HAT/HAA |
| S-29R | 3160 | 1 | 517 | 3160 | 1 | 517 | 3160 | 1 3/8 | 517 | 3160 | 1 1/2 | 517 | 3160 | 1 3/4 | 517 |
| CIRCLING | 3160 | 1 | 517 | 3220 | 1 | 577 | 3220 | 1 1/2 | 577 | 3220 | 2 | 577 | 3800 | 3 | 1157 |

CHANGES - REASONS

1. CHANGED PROCEDURE NAME FROM VOR/DME OR TACAN RWY 29R TO VOR OR TACAN RWY 29R. - 8260.19H, CHAPTER 5-1-5, A1.
2. DELETED CHART PLANVIEW NOTE: DME REQUIRED AND ADDED DME REQUIRED TO EQUIPMENT REQUIREMENTS NOTES. - 8260.19H, CHAPTER 5-1-5, A1.
3. ADDED ADDITIONAL FLIGHT DATA NOTE VDA TO RW29R: 3.55/55. - 8260.19H, 8-6-10P.
4. ADDED CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). - 8260.19H, 8-6-9 M2.
5. CHANGED CHART FAS OBST: 2853 TRMSN TWR 320454N/11 05333W TO CHART FAS OBST: 2875 TRANSMISSION_LINE 320454N/1105333W IN ADDITIONAL FLIGHT DATA. - 8260.19H, 8-6-10C.
6. CHANGES FROM P-NOTAM FOR AMDT 2E INCORPORATED INTO FORM - REQUIRED IAW 8260.19H PARA 8-3-4C(3).
7. ADDED CHART: 2894 TRANSMISSION LINE 320432N/1105234W TO ADDITIONAL FLIGHT DATA. - NEW OBSTACLE EVALUATION.
8. UPDATED S-29 MDA/HAT FROM 3140/497 TO 3160/517 - NEW CONTROLLING OBSTACLE.

COORDINATED WITH:A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZAB, TUS ATCT, AZ AERO, AMGR, NGB/A306 (ANG)**FLIGHT CHECKED BY**

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:

OFFICE

Digitally signed by

DATE**WARDELL HENNING**

Dec 20, 2019

DEVELOPED BY

WARDELL HENNING (THOR CORNELL)

Digitally signed by

WARDELL HENNING

Dec 20, 2019

OFFICE

AJV-A432

DATE

08/30/2019

APPROVED BY

LONNIE EVERHART

Digitally signed by

WARDELL HENNING

Dec 20, 2019

OFFICE

AJV-A430

DATE**TITLE**

MANAGER

