

FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
ILS STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.29

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 ID</u> TUS	<u>PROCEDURE NAME</u> ILS OR LOC RWY 12	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> TUCSON	<u>STATE</u> AZ
<u>AIRPORT ELEVATION</u> 2643	<u>TDZE</u> 2599	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 9E
<u>FACILITY</u> I-TUS	<u>COORDINATES OF FACILITIES</u> 320553.16N/1105505.69W	<u>ACTUAL EFFECTIVE DATE</u> 30 NOVEMBER 2023	<u>REQUIRED EFFECTIVE DATE</u> 11/30/2023	<u>EPOCH YEAR</u> 2025
	<u>SUPERSEDED</u>			<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 23-25.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
SSAND/TUS 30.00 DME		TUS VORTAC					250.50	30.00	10700
TUS VORTAC		LIPTE/I-TUS 17.50 DME					303.05	17.75	7000
TACUB/TUS 29.10 DME	IAF	LIPTE/I-TUS 17.50 DME	NOPT				123.05	11.35 (TUS R-303)	7000
LIPTE/I-TUS 17.50 DME	IF/IAF	WASON/I-TUS 12.54 DME					126.02	4.96 (I-TUS)	5700
WASON/I-TUS 12.54 DME		CALLS/I-TUS 10.22 DME					126.02	2.33 (I-TUS)	5200
CALLS/I-TUS 10.22 DME		POCIB/I-TUS 8.32 DME					126.02	1.90 (I-TUS)	4600

MISSED APPROACH

MAP:

ILS: DA  
LOC: 5.78 NM AFTER POCIB/I-TUS 8.32 DME OR AT HUGIK/I-TUS 2.54 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 THEN CLIMBING RIGHT TURN TO 6000 ON HEADING 300 AND ON TUS VORTAC R-270 TO MADSS/TUS 12.83 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NW LIPTE, RT, 126.02 INBOUND, 7000 FT. IN LIEU OF PT (IF/IAF), MAX 10000.
- FAC: 126.02 FAF: POCIB/I-TUS 8.32 DME DIST FAF TO MAP: 5.78 DIST FAF TO THLD: 6.18
- MIN ALT: LIPTE/I-TUS 17.50 DME 7000, WASON/I-TUS 12.54 DME 5700, CALLS/I-TUS 10.22 DME 5200, POCIB/I-TUS 8.32 DME 4600, LEBRE/I-TUS 4.99 DME 3540
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 939
- MIN GS INCPT: 4600 GS ALT AT FAF: POCIB/I-TUS 8.32 DME 4600 OM: MM: IM:
- GS ANGLE: 3.00 34:1 20:1 TCH: 55.4
- MSA FROM: TUS VORTAC 240-330 6600, 330-240 10600

QUALITY  
16  
CHECKED

PBN REQUIREMENTS NOTE:

RADAR OR DME REQUIRED.  
RADAR REQUIRED FOR PROCEDURE ENTRY AT TACUB.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SSAND ON J104 EASTBOUND.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON TUS VORTAC AIRWAY RADIALS 288 CW 308.  
CHART PROFILE NOTE: USE I-TUS DME WHEN ON THE LOCALIZER COURSE.  
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: \* RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 12 CAT E VISIBILITY TO RVR 4000, S-LOC 12 CAT E VISIBILITY TO 2 1/2 SM; LEBRE FIX MINIMUMS: S-LOC 12 CAT C/D/E VISIBILITY TO RVR 5500.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: DINGO/TUS 40.00 DME/RADAR.  
HOLD W, RT, 089.80 INBOUND.  
CHART FAS OBST: 2607 POLE (04-041175) 320803N/1105737W.  
3360 AAO 321114N/1110303W.  
CHART VDP AT 3.11 DME.  
DISTANCE VDP TO THLD 0.97 NM.

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ ILS: STANDARD; LOC: CAT A, B 900-2, CAT C 900-2 3/4, CAT D 1000-3, CAT E 1300-3

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-ILS 12*	2799	2400	200	2799	2400	200	2799	2400	200	2799	2400	200	2799	2400	200
S-LOC 12	3540	4000	941	3540	4000	941	3540	2	941	3540	2	941	3540	2	941
CIRCLING	3540	1 1/4	897	3540	1 1/4	897	3540	2 3/4	897	3640	3	997	3900	3	1257
LEBRE FIX MINIMUMS															
S-LOC 12	2960	2400	361	2960	2400	361	2960	3500	361	2960	3500	361	2960	3500	361
CIRCLING	3160	1	517	3220	1	577	3220	1 1/2	577	3640	3	997	3900	3	1257

CHANGES - REASONS

ORIGINAL PROCEDURE.

10/12/2023: THIS IS AN CORRECTED COPY OF THE FORM APPROVED ON 09/14/2023.  
1. REMOVED INT FROM FAF POCIB FIX MAKEUP.  
2. ADDED \* TO S-ILS 12 MINIMA LINE.

Digitally signed by  
ERIC N SUSKI  
Oct 12, 2023

COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER:

ZAB, U90 (TUS TRACON), TUS ATCT, AZ AERO, AMGR, NGB/A306 (ANG)

FLIGHT CHECKED BY  
PENDING

Digitally signed by  
**ERIC N SUSKI**  
Oct 16, 2023

OFFICE  
DATE

DEVELOPED BY  
PARNELL PRASSADA

Digitally signed by  
**ERIC N SUSKI**  
Oct 13, 2023

OFFICE  
AJV-A431  
DATE  
08/12/2023

APPROVED BY  
JOHNNIE BAKER III

Digitally signed by  
**ERIC N SUSKI**  
Oct 13, 2023

OFFICE  
AJV-A430  
DATE  
TITLE  
MANAGER

