

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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> KTUS	<u>PROCEDURE NAME</u> RNAV (GPS) Z RWY 30	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> TUCSON	<u>STATE</u> AZ		
<u>AIRPORT ELEVATION</u> 2643	<u>TDZE</u> 2643	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 9E	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 NOVEMBER 2023	<u>REQUIRED EFFECTIVE DATE</u> 11/30/2023	<u>CANCEL/SUSPEND</u>		

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

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
DINGO		UGETE		TF	FB	1.00	130.10	32.00	8000
UGETE		EVERE		TF	FB	1.00	130.31	12.46	7000
EVERE		WAXES		TF	FB	1.00	126.01	6.00	7000
WAXES	IAF	ATOGE		TF	FB	1.00	036.05	9.00	6200
CHLEE	IAF	VRDAY		TF	FB	1.00	293.11	10.00	7100
VRDAY		ATOGE		TF	FB	1.00	293.02	2.00	6200
JOKIM	IAF	VEDTU		TF	FB	1.00	246.23	11.68	8100
VEDTU		ATOGE		TF	FB	1.00	246.11	11.00	6200
ATOGE	IF	SAXIE		TF	FB	1.00	306.13	5.95	4500
SAXIE	FAF	RW30	MAP	TF	FO	0.30	306.08	5.35	
RW30	MAP	2929 MSL		CA			306.08		
2929 MSL		WEDGI		DF	FB	1.00			
WEDGI		PIMMA		TF	FO	1.00	312.12	16.44	6800



MISSED APPROACH**MAP:**

LPV: DA
LNAV/VNAV: DA
LNAV: RW30

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 6800 DIRECT WEDGI AND ON TRACK 312.12 TO PIMMA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:**PROFILE:**

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT ATOGE					
3. FAC:	306.08	FAF: SAXIE	DIST FAF TO MAP: 5.35		DIST FAF TO THLD: 5.35
4. MIN ALT: ATOGE 6200, SAXIE 4500					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	286 HAT: 0.69	GS ANT:
6. MIN GP INCPT:	4500	GP ALT AT PFAF :	SAXIE 4500	OM:	MM:
7. GP ANGLE:	3.18	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 53.0	IM:
8. MSA FROM: RW30 10600					

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -2°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART SPEED ICON IN PLANVIEW AT JOKIM: MAX 250 KIAS.

ADDITIONAL FLIGHT DATA:

CHART AT OR ABOVE 12000 AT DINGO.
CHART AT OR ABOVE 9100 AT CHLEE.
CHART MANDATORY 12000 AT JOKIM.
CHART ARRIVAL HOLDING AT UGETE: HOLD NW, RT, 130.31 INBOUND, 8000.
CHART ARRIVAL HOLDING AT CHLEE: HOLD E, RT, 253.00 INBOUND, 9100.
HOLD SE, RT, 310.93 INBOUND.
CHART FAS OBST: 3017 TOWER (04-000300) 320331N/1105134W.
3110 AAO 320257N/1104942W.
CHART VDP AT 1.74 NM TO RW30.
WAAS CHANNEL # 45746
REFERENCE PATH ID: W30A
LTP HAE: 776.1 M

QUALITY
16
CHECKED

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

ALTERNATE: NA ☐ STANDARD - CAT D 1000-3

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
LPV DA	2929	7/8	286	2929	7/8	286	2929	7/8	286	2929	7/8	286			
LNAV/VNAV DA	3029	1 1/8	386	3029	1 1/8	386	3029	1 1/8	386	3029	1 1/8	386			
LNAV MDA	3280	1	637	3280	1	637	3280	1 3/4	637	3280	1 3/4	637			
CIRCLING	3300	1	657	3300	1	657	3300	1 3/4	657	3640	3	997			

CHANGES - REASONS

ORIGINAL PROCEDURE

9/27/2023: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 9/14/2023.
ADDED CHART AT OR ABOVE 9100 AT CHLEE TO ADDITIONAL FLIGHT DATA.
CHANGED CHLEE TO VRDAY MINIMUM ATLITUDE FROM 7000 TO 7100.

10/12/2023: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 9/28/2023.
1. DELETED NOTE PROCEDURE NA FOR ARRIVAL ON TUS VORTAC AIRWAY RADIALS 163 CW 176.

10/20/2023: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 9/28/2023.
ADDED ADDITIONAL FLIGHT DATA: CHART AT OR ABOVE 12000 AT DINGO.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAB, U90 (TUS TRACON), TUS ATCT, AZ AERO, AMGR, NGB/A306 (ANG)

FLIGHT CHECKED BY
JOEL F HAWKLEY

Digitally signed by
CASIMIR L TABAKA
Sep 28, 2023

OFFICE
FPO
DATE
10/18/2023

DEVELOPED BY
PARNELL PRASSADA

Digitally signed by
PARNELL R PRASSADA
Sep 07, 2023

OFFICE
AJV-A431
DATE
08/22/2023

APPROVED BY
JOHNNIE BAKER

Digitally signed by
CASIMIR L TABAKA
Sep 28, 2023

OFFICE
AJV-A430
DATE
TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTUS
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	320607.1595N
LTP/FTP LONGITUDE	1105522.1440W
LTP/FTP ELLIPSOIDAL HEIGHT	+07761
FPAP LATITUDE	320724.1390N
FPAP LONGITUDE	1105652.4970W
THRESHOLD CROSSING HEIGHT (TCH)	00053.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.18
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	94B7EB8D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+08056
FPAP ORTHOMETRIC HEIGHT	+08056

