

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 12	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> TUCSON	<u>STATE</u> AZ		
<u>AIRPORT ELEVATION</u> 2643	<u>TDZE</u> 2599	<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SUPERSEDED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>	<u>REQUIRED EFFECTIVE DATE</u> 11/30/2023	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
DINGO		TACUB		TF	FB	1.00	097.65	11.91	8000
OTUKE	IAF	LIPTE	NOPT	TF	FB	1.00	215.96	6.00	7000
TACUB	IAF	LIPTE	NOPT	TF	FB	1.00	125.83	11.35	7000
LIPTE	IF/IAF	WASON		TF	FB	1.00	125.92	4.96	5700
WASON		CALLS		TF	FB	1.00	125.95	2.33	5200
CALLS		POCIB		TF	FB	1.00	125.99	1.90	4600
POCIB	FAF	RW12	MAP	TF	FO	0.30	125.98	6.18	
RW12	MAP	2799 MSL		CA			125.98		
2799 MSL		CURGA		DF	FB	1.00			
CURGA		REBDE		TF	FB	1.00	216.04	13.86	
REBDE		TOYOP		TF	FO	1.00	305.00	14.50	9000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW12

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 9000 DIRECT CURGA AND CLIMBING RIGHT TURN ON 216.04 TRACK TO REBDE AND CLIMBING RIGHT TURN ON 305.00 TRACK TO TOYOP AND HOLD, CONTINUE CLIMB-IN-HOLD TO 9000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD NW LIPTE, RT, 125.92 INBOUND, 7000 FT. IN LIEU OF PT (IF/IAF), MAX 10000.

3. FAF: 125.98FAF: POCIBDIST FAF TO MAP: 6.18DIST FAF TO THLD: 6.18

4. MIN ALT: LIPTE 7000, WASON 5700, CALLS 5200, POCIB 4600

5. DIST TO THLD FROM OM:MM:IM:150 HAT:200 HAT: 0.52GS ANT:

6. MIN GP INCPT: 4600GP ALT AT PFAF : POCIB 4600OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 55.4

8. MSA FROM: RW12 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 NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500, AND INCREASE LNAV CATS C/D VISIBILITY TO 2 SM.
CHART SPEED ICON IN PLANVIEW AT OTUKE: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART AT OR ABOVE 12000 AT DINGO.
CHART MANDATORY 7000 AT OTUKE.
HOLD W, RT, 093.00 INBOUND.
CHART FAS OBST: 3040 AAO 321053N/1110148W.
3360 AAO 321114N/1110303W.
CHART VDP AT 2.03 NM TO RW12.
WAAS CHANNEL # 93545
REFERENCE PATH ID: W12A
LTP HAE: 756.2 M

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	2799	2400	200	2799	2400	200	2799	2400	200	2799	2400	200			
LNAV/VNAV DA	2905	2400	306	2905	2400	306	2905	2400	306	2905	2400	306			
LNAV MDA	3300	2400	701	3300	2400	701	3300	1 5/8	701	3300	1 5/8	701			
CIRCLING	3300	1	657	3300	1	657	3300	2	657	3640	3	997			



CHANGES - REASONS
ORIGINAL PROCEDURE.

10/12/2023: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 09/14/2023.
1. REMOVED DINGO 12000 FROM PROFILE.

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
ERIC N SUSKI
Sep 14, 2023

OFFICE
FPO

DATE
10/18/2023

DEVELOPED BY
PARNELL PRASSADA

Digitally signed by
PARNELL R PRASSADA
Aug 29, 2023

OFFICE
AJV-A431

DATE
08/16/2023

APPROVED BY
JOHNNIE BAKER

Digitally signed by
ERIC N SUSKI
Sep 14, 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	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	320724.1285N
LTP/FTP LONGITUDE	1105652.4850W
LTP/FTP ELLIPSOIDAL HEIGHT	+07562
FPAP LATITUDE	320607.1495N
FPAP LONGITUDE	1105522.1320W
THRESHOLD CROSSING HEIGHT (TCH)	00055.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	00A5D894

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+07857
FPAP ORTHOMETRIC HEIGHT	+07857

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u> KTUS	<u>PROCEDURE NAME</u> RNAV (GPS) Z RWY 12	<u>AMDT NO.</u> ORIG	<u>CITY</u> TUCSON	<u>STATE</u> AZ	<u>AIRPORT ELEVATION</u> 2643	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
DINGO

TO
TACUB

<u>RNP</u>	<u>DISTANCE</u> 11.91	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
												AAO	322509.00N/1113024.00W	4597	164	98	4E	2000				AT1403	8000
												TERRAIN	322509.00N/1113024.00W	4396 (4400)								AS1500	5900

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM
OTUKE

TO
LIPTE

<u>RNP</u>	<u>DISTANCE</u> 6.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
												AAO	322051.00N/1110900.00W	4000	164	98	4E	1000				PR100 AT1900	7000
												TERRAIN	322051.00N/1110957.00W	3710 (3700)								AT1000	4700

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FACILITY
RNAV

HMASRF CENTER FIX/DISTANCE

HMAS

RF CENTER FIX/DISTANCE

QUALITY
20
CHECKED

INTERMEDIATE: STEPDOWN

FROM
WASON

TO
CALLS

RNP	DISTANCE 2.33	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (04-020026)	321455.90N/1110700.00W		4531	20	3	1A	500				PR100	5200
TERRAIN	321236.00N/1110618.00W		4340 (4300)								AS1000 XP-100	5200

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:
XP: THE TARGETS DTED EVALUATION IS IN ERROR. PERFORMED A MAP STUDY OF THE AIRSPACE LAT/LONG IN THE RS RESULTS. AIRSPACE OBSTACLE IS IN THE WRONG LOCATION AND WRONG HEIGHT. HIGH TERRAIN IS ATOP GOLDEN GATE MOUNTAIN, 4200 MSL PER TOPO MAP. AIRSPACE HEIGHT IS 5200 MSL. 4220 MSL ROUNDS TO 4200 MSL IAW 8260.19I 5-2-4 ROUNDING CONVENTIONS. 4200 MSL TERRAIN +700 FT AIRSPACE HEIGHT + 300 FT BUFFER = 5200 MSL.

INTERMEDIATE: STEPDOWN

FROM
CALLS

TO
POCIB

<u>RNP</u>	<u>DISTANCE</u> 1.90	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TERRAIN (04-024880)	321102.84N/1110338.67W		3856	20	3	1A	500				PR70 SA-153 AT327	4600
TERRAIN	321115.00N/1110345.00W		3628 (3600)								AS1000	4600

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



FINAL: LPV

FROM
POCIB

TO
DA

<u>RNP</u>	<u>DISTANCE</u> 6.18	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 200			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
								ASC				2799

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM
POCIB

TO
DA

<u>RNP</u>	<u>DISTANCE</u> 6.18	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 306			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
CONTROL_TOWER (04-000323)	320722.56N/1105631.58W		2713	20	10	1B	161				AC10 MA21	2905

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV

FROM
POCIB

TO
RW12

<u>RNP</u>	<u>DISTANCE</u> 6.18	<u>PAT</u>	<u>MAP</u> RW12	<u>HAT</u> 701			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	321052.62N/1110147.66W		3040	50	20	2C	250				XL9	3300

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM
LIPTÉ

TO
P-10

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-10	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	321623.73N/1110849.30W	4880	50	20	2C	1000				AT1120	7000
TERRAIN	321627.00N/1110848.00W	4553 (4600)								AS1500	6100

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



MISSED APPROACH : LPV

FROM
DA

TO
TOYOP

RNP	DISTANCE	PAT	MAP	HAT			HMAS 2621					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				9000
AAO	315648.00N/1111124.00W		5069	164	98	4E	1000				SA-110 PR140	6100
TERRAIN	315654.00N/1111109.00W		4675 (4700)								AS1500	6200

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

MISSED APPROACH : LNAV/VNAV

FROM
DA

TO
TOYOP

RNP	DISTANCE	PAT	MAP	HAT			HMAS 2744					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
CONTROL_TOWER (04-000323)	320722.56N/1105631.58W		2713	20	10	1B		ASC				9000
AAO	315648.00N/1111124.00W		5069	164	98	4E	1000				SA-110 PR140	6100
TERRAIN	315654.00N/1111109.00W		4675 (4700)								AS1500	6200

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



MISSED APPROACH : LNAV

FROM
RW12

TO
TOYOP

RNP	DISTANCE	PAT	MAP	HAT			HMAS 3191					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				9000
AAO	315648.00N/1111124.00W		5069	164	98	4E	1000				SA-110 PR140	6100
TERRAIN	315654.00N/1111109.00W		4675 (4700)								AS1500	6200

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
CONTROL_TOWER (04-023899)	320639.77N/1105643.80W	1.34	657	2848	20	3	1A	300			3300
CATEGORY B											
TREE (04-024338)	320623.68N/1105917.50W	1.90	657	2868	20	10	1B	300			3300
CATEGORY C											
TRANSMISSION_LINE (04-056776)	320431.54N/1105234.33W	3.00	657	2894	20	3	1A	300			3300
CATEGORY D											
AAO	320541.15N/1110139.16W	3.92	997	3340	50	20	2C	300			3640

CIRCLING REMARKS:



MSA

CENTER

RW12

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	314148.00N/1105054.00W	160	26.0	9564	164	98	4E	1000			10600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZAB ARTCC, TUS APP CON, TUS TOWER

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KTUS	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KTUS	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>

WX REMARKS:
NO BACKUP ALTIMETER DUE TO REDUNDANT WEATHER SOURCES AVAILABLE.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW11R - MIRL, PAPI-4L		BSC-G	
RW29L - MIRL, REIL		BSC-G	
RW04 - MIRL		NPI-G	
RW22 - MIRL, REIL, PAPI-4L		NPI-G	
RW30 - HIRL, REIL, PAPI-4L		NPI-G	ROLL OUT
RW12 - MALSR, HIRL, PAPI-4L		PIR-G	APPROACH

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 2577.7	<u>TCH</u> 55.4	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 73.4
<u>FINAL APPROACH COURSE AIMING</u>						
RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE			
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE				

<u>CRITICAL TEMPERATURES</u>			
<u>CRITICAL LOW</u> -2C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -2C	<u>APT ISA</u> +9.77C

CRITICAL TEMPERATURE REMARKS:
AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2018-2022).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 990 HIGH TEMP 1307.



"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
40 FT VEGETATION PER FPT.
TAA NOT DEVELOPED PER ATC REQUEST.
CHART FIX OTUKE HARD ALTITUDE AND SPEED PER ATC REQUEST TO MEET PBN LEG LENGTH REQUIREMENT.
ORDER 8260.3 CHAPTER 2 APPLIED TO 3360 AAO 321114.00N/1110303.00W.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

<u>AIRPORT ID</u> KTUS	<u>PROCEDURE NAME</u> RNAV (GPS) Z RWY 12	<u>AMDT NO.</u> ORIG	<u>CITY</u> TUCSON	<u>STATE</u> AZ	<u>AIRPORT ELEVATION</u> 2643	<u>FACILITY</u> RNAV
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PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	4.61
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	134.98
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	3100
DISTANCE FROM	THLD	TO 1500FT POINT	6.18
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.13
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	134.98
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	3100

THRESHOLD
COORDINATES
(IF STR-IN)

320724.13N/1105652.49W

ARP COORDINATES

320657.85N/1105627.65W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 30 DISTANCE 1.25 NM

FAF
COORDINATES

321146.69N/1110201.14W

FIX NAME
COORDINATES

IF/IAF LIPTE: 321816.95N/1110941.08W

REMARKS

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PART E: PREPARED BY

<u>NAME</u> PARNELL PRASSADA	<u>OFFICE</u> AJV-A431	<u>DATE</u> 08/16/2023	<u>TITLE</u>
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