

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</u> TUCSON INTL	<u>AIRPORT ID</u> KTUS	<u>PROCEDURE NAME</u> RNAV (GPS) Z RWY 11L	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> TUCSON	<u>STATE</u> AZ	
<u>AIRPORT ELEVATION</u> 2643	<u>TDZE</u> 2599	<u>SUPERSEDED</u> RNAV (GPS) Z RWY 11L	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 12/07/2017	<u>MAG VAR</u> 12E	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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	094.65	11.91	8000
TACUB	IAF	LIPTE	NOPT	TF	FB	1.00	122.83	11.35	6000
SSAND		JECEK		TF	FB	1.00	261.87	26.89	10900
JECEK		OTUKE		TF	FB	1.00	303.08	15.84	7000
OTUKE	IAF	LIPTE	NOPT	TF	FB	1.00	212.96	6.00	6000
TUS VORTAC		LIPTE		TF	FO	1.00	303.05	17.75	7500
LIPTE	IF/IAF	WASON		TF	FB	1.00	122.92	4.96	5500
WASON		CALLS		TF	FB	1.00	122.92	2.33	5200
CALLS		POCIB		TF	FB	1.00	122.92	2.00	4600
POCIB	FAF	RW11L	MAP	TF	FO	0.30	122.99	6.07	
RW11L	MAP	2849 MSL		CA			122.99		
2849 MSL		CURGA		DF	FB	1.00			
CURGA		REBDE		TF	FB	1.00	213.08	13.86	
REBDE		TOYOP		TF	FO	1.00	302.98	14.49	6000



MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW11L

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 6000 (CAT E 8000) DIRECT CURGA AND ON 213.08 TRACK TO REBDE AND ON 302.98 TRACK TO TOYOP AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)				
2.	HOLD NW LIPT E, RT, 122.83 INBOUND, 6000 FT. IN LIEU OF PT (IAF), MAX 10000.							
3. FAC:	122.99	FAF: POCIB	DIST FAF TO MAP: 6.07	DIST FAF TO THLD: 6.07				
4. MIN ALT:	LIPT E 6000, WASON 5500, CALLS 5200, POCIB 4600							
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.68	GS ANT:			
6. MIN GP INCPT: 4600	GP ALT AT FAF : POCIB 4600		OM:	MM:	IM:			
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 55.4					
8. MSA FROM:	RW11L 10700							

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -3°C OR ABOVE 52°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00/TCH 73).
FOR INOPERATIVE ALS, INCREASE LNAV/VNAV VISIBILITY ALL CATS TO RVR 5500 AND INCREASE LNAV CATS C, D, AND E VISIBILITIES TO 2 SM.

ADDITIONAL FLIGHT DATA:

CHART VDP AT 2.11 NM TO RW11L*
*LNAV ONLY
WAAS CHANNEL #82701
REFERENCE PATH ID: W11A
FAS OBST: 3064 AAO 321002N/1110056W.
HOLD W, RT, 089.66 INBOUND
FTP HAE: 756.2 M



MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, 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
LPV DA	2849	2400	250	2849	2400	250	2849	2400	250	2849	2400	250	2849	2400	250
LNAV/VNAV DA	2967	4000	368	2967	4000	368	2967	4000	368	2967	4000	368	2967	4000	368
LNAV MDA	3320	2400	721	3320	2400	721	3320	1 5/8	721	3320	1 5/8	721	3320	1 3/4	721
CIRCLING	3320	1	677	3320	1	677	3320	2	677	3320	2 1/4	677	3800	3	1157

- CHANGES - REASONS
1. LNAV/VNAV DA/HAT INCREASED FROM 2956/357 TO 2967/368 - MISSED APPROACH PENETRATING OBSTACLE 2848 CONTROL TOWER 320639.77N/1105643.80W.
2. LNAV/VNAV LOWER TEMP CHANGED FROM -20C TO -3 C, UPPER TEMP CHANGED FROM 43C TO 52C, DELETED FARENHEIT VALUES - FIVE YEAR AVERAGE USED FOR LOWER, AFS CALCULATOR USED FOR HIGH TEMP, CRITERIA CHANGE TO CHARTING.
3. LNAV MDA/HAT INCREASED FROM 3240/641 TO 3320/721, CAT C/D VISIBILITY INCREASED TO 1 5/8 SM - APPLICATION OF 200' AAO OVER HIGH TERRAIN IN FINAL, TERPS TABLE 3-3-1.
4. VDP CHANGED FROM 1.90 NM TO RW11L TO 2.11 NM TO RW11L - LNAV MDA INCREASED.
5. CIRCLING CATS A-D MDA/HAA INCREASED FROM 3240/597 TO 3320/677, VISIBILITY CAT C INCREASED TO 2 SM, CAT D TO 2 1/4 SM - INCREASE TO STRAIGHT-IN MDA.
6. CAT E CIRCLING MDA/HAA INCREASED FROM 3740/1097 TO 3800/1157 - APPLICATION OF 200' AAO OVER HIGH TERRAIN VS 60' TREE.
7. VGSI NON-COINCIDENTAL NOTE TCH CHANGED FROM 56 TO 73 - VALUES SPELLED OUT DUE TO DATA BASE ERROR.
8. DELETED DME/DME RNP -0.3 NA NOTE, ADDED RNP APCH TO PBN REQUIREMENTS NOTE - CRITERIA CHANGE TO CHARTING.
9. INOPERATIVE NOTE CHANGED, IMPACTS ONLY LNAV/VNAV ALL CATS AND LNAV CAT C, D, AND E - NO LIGHT INCREASE DOES NOT EQUAL INOPERATIVE TABLE.
10. FAS DATA FPAP COORDS CHANGED FROM 320600.5000N/1105514.3500W TO 320607.1595N/1100522.1440W - DER USED AS FPAP.
11. FAS DATA LENGTH OFFSET CHANGED FROM 296 TO 0 - DER USED AS FPAP.
12. FAS DATA LTP ELLIPSOIDAL HEIGHT CHANGED FROM 07564 TO 07562 - NEW SURVEY.
13. FAS DATA CRC REMAINDER CHANGED FROM 86D65B3E TO F8B32B25 - ABOVE CHANGES TO FAS DATA.

PDF EDITS:

- DELETED MISSED APPROACH PENETRATING OBSTACLE FOR LPV AND LNAV MISSED SEGMENTS ON -9.

- CHANGED VGSI TCH FROM 56 TO 73.4 ON -9.

-REMOVED NEW CIRCLING AREA NOTE FROM -9

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZAB, TUS APPCON/ATCT, APT MGR, NGB/A306 (ANG), ATA

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

Office

DATE

APPROVED BY

Office

DATE

TITLE

Richard K. Clark

Digitally signed by
RICHARD K CLARK-JR
Oct 31, 2018

AJV-5433

AJV-5430

MANAGER

10/17/2018

QUALITY
13
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTUS
RUNWAY	RW11L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W11A
LTP/FTP LATITUDE	320724.1305N
LTP/FTP LONGITUDE	1105652.4830W
LTP/FTP ELLIPSOIDAL HEIGHT	+07562
FPAP LATITUDE	320607.1595N
FPAP LONGITUDE	1105522.1440W
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)	50.0
 CRC REMAINDER	 F8B32B25

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</u> TUCSON INTL	<u>AIRPORT ID</u> KTUS	<u>PROCEDURE NAME</u> RNAV (GPS) Z RWY 11L	<u>AMDT NO.</u> 1C	<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

<u>FROM</u> DINGO	<u>TO</u> TACUB
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<u>RNP</u>	<u>DISTANCE</u> 11.91	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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<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>
1.200' AAO	322520.87N/1113026.80W	4597	500	125	5E	2000				AT1403	8000
2.TERRAIN	322520.87N/1113026.80W	4397 (4400)								AS1500	5900

COMPUTATIONS

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

FEEDER

<u>FROM</u> SSAND	<u>TO</u> JEGEK
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<u>RNP</u>	<u>DISTANCE</u> 26.89	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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<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>
5.200' AAO	321256.20N/1103241.70W	8864	20	3	1A	2000					10900
6.SPOT ELEVATION	321256.20N/1103241.70W	8664 (8700)								AS1500	10200

COMPUTATIONS

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



INITIAL

FROM

TACUB

TO

LIPTE

RNP

DISTANCE

11.35

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3.200' AAO	322044.57N/1110901.78W	3763	20	3	1A	1000				AT1237	6000
4.TERRAIN	322046.60N/1110928.47W	3209 (3200)								AS1500	4700

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

RNP

DISTANCE

6.00

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3.200' AAO	322044.57N/1110901.78W	3763	20	3	1A	1000				AT1237	6000
9.TERRAIN	322044.57N/1110901.78W	3563 (3600)								AS1500	5100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT

REMARKS:



INTERMEDIATE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
	4.96				

COMPUTATIONS

INTERMEDIATE: STEPDOWN

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
	2.33				

COMPUTATIONS

QUALITY
13
CHECKED

TO
POCIB

HMAS

MIN ALT

4600

4600

RF CENTER FIX/DISTANCE

TO
RW11L

HMASMIN ALT

2849

RF CENTER FIX/DISTANCE

SEGMENT
REMARKS:

FINAL: LNAV/VNAV

FROM

POCIB

TO

RW11L

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
	6.07		DA	368								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
16.ATCT (04-000323)	320722.56N/1105631.58W		2713	20	10	1A	161				MA93	2967

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

RW11L

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
	6.07		RW11L	721								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
17.AAO	321001.52N/1110055.57W		3064	50	20	2C	250					3320

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT
REMARKS:



HOLD-IN-LIEU OF PT

FROM

LIPT

TO

P-10

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
		P-10									
<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>
10.200' AAO	321640.80N/1110845.50W	4887	50	3	2A	1000				AT113	6000
11.TERRAIN	321640.80N/1110845.50W	4687 (4700)								AS700	5400

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

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
							2637				
<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				6000
19.AAO	315715.82N/1111108.66W	4679	250	50	4D	1000					5700
20.TERRAIN	315715.82N/1111108.66W	4479 (4500)								AS1500	6000

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						
						2815					
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
18.ATCT (04-023899)	320639.77N/1105643.80W	2848	20	3	1A		ASC				6000
19.AAO	315715.82N/1111108.66W	4679	250	50	4D	1000					5700
20.TERRAIN	315715.82N/1111108.66W	4479 (4500)								AS1500	6000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT
REMARKS:

MISSED APPROACH : LNAV

FROM

RW11L

TO

TOYOP

RNP	DISTANCE	PAT	MAP	HAT	HMAS						
						3220					
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				6000
19.AAO	315715.82N/1111108.66W	4679	250	50	4D	1000					5700
20.TERRAIN	315715.82N/1111108.66W	4479 (4500)								AS1500	6000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT
REMARKS:



CIRCLING

X

ALL CATS

X

CAT A

X

CAT B

X

CAT C

X

CAT D

X

CAT E

NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
18.ATCT (04-023899)	320639.77N/1105643.80W	1.30	677	2848	20	3	1A	300			3320
CATEGORY B											
21.TREE	320626.26N/1100509.79W	1.50	677	2909	50	20	2C	300			3320
CATEGORY C											
22.TREE	320623.38N/1105917.61W	1.70	677	2919	50	20	2C	300			3320
CATEGORY D											
22.TREE	320623.38N/1105917.61W	2.30	677	2919	50	20	2C	300			3320
CATEGORY E											
23.AAO	320533.29N/1100157.19W	4.50	1157	3499	50	20	2C	300			3800

CIRCLING REMARKS:

MSA

CENTER	RADIUS
RW11L	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	200' AAO		159	23.9	9653	20	3	1A	1000			10700

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

TAA NOT DEVELOPED BY ATC REQUEST.





<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
TUCSON INTL	KTUS	RNAV (GPS) Z RWY 11L	1C	TUCSON	AZ	2643	RNAV

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

BACKUP ALTIMETER SOURCE NA. REDUNDANT WEATHER SOURCES AVAILABLE.

SEE ATTACHED AIRSPACE LETTER.



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	FAF	TO 1000FT POINT	8.29
WIDTH OF	INTERMEDIATE	SEGMENT AT 1000FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1000FT POINT	134.92
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1000FT POINT	4687
DISTANCE FROM		TO 1500FT POINT	
WIDTH OF	INITIAL#	SEGMENT AT 1500FT POINT	
TRUE COURSE OF	INITIAL#	SEGMENT CONTAINING 1500FT POINT	
HIGH TERRAIN IN	INITIAL#	SEGMENT CONTAINING 1500FT POINT	

THRESHOLD
COORDINATES
(IF STR-IN)

320724.13N/1105652.49W

ARP COORDINATES

320657.85N/1105627.65W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 29R DISTANCE 1.25 NM

FAF
COORDINATES

321142.36N/1110155.96W

FIX NAME
COORDINATES

IF/IAF LIPTE: 321816.95N/1110941.08W

REMARKS

#1500 FT POINT LOCATED IN HOLDING PATTERN AT LIPTE (HOLD NW, RT 122.83 INBOUND 6000 FT MSL)



<u>AIRPORT</u> TUCSON INTL	<u>AIRPORT ID</u> KTUS	<u>PROCEDURE NAME</u> RNAV (GPS) Z RWY 11L	<u>AMDT NO.</u> 1C	<u>CITY</u> TUCSON	<u>STATE</u> AZ	<u>AIRPORT ELEVATION</u> 2643	<u>FACILITY</u> RNAV
PART E: PREPARED BY							
<u>NAME</u>				<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>	
RICHARD K. CLARK				AJV-5433	10/17/2018	AERONAUTICAL INFORMATION SPECIALIST	

QUALITY

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CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

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