

**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> KCHD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 4R	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> CHANDLER	<u>STATE</u> AZ		
<u>AIRPORT ELEVATION</u> 1243	<u>TDZE</u> 1240	<u>SUPERSEDED</u> RNAV (GPS) RWY 4R	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 05/20/2021	<u>MAG VAR</u> 12E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 2 DECEMBER 2021	<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
TFD VORTAC		NISIW		TF	FB	1.00	354.00	10.79	5100
PXR VORTAC		SIZVU		TF	FB	1.00	189.83	12.34	5100
NISIW	IAF	DECTU		TF	FB	1.00	309.88	6.92	4000
SIZVU	IAF	DECTU		TF	FB	1.00	126.53	6.86	4000
DECTU	IF	KEDDU		TF	FB	1.00	038.81	5.18	2900
KEDDU	FAF	RW4R	MAP	TF	FO	0.30	037.58	5.10	
RW4R	MAP	2200 MSL		CA			037.58		2200
2200 MSL		DECTU		DF	FO	1.00			4000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW4R

**MISSED APPROACH INSTRUCTIONS:**

(DO NOT EXCEED 210 KIAS UNTIL DECTU) CLIMB TO 2200 THEN CLIMBING RIGHT TURN TO 4000 DIRECT DECTU AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**





**CHANGES - REASONS**

1. INCORPORATED CHANGES FROM PREVIOUS P-NOTAMS ORIG A AND ORIG B INTO THE FORM -- REQUIRED IAW 8260-19I 8-3-4C(3).
2. ADDED LPV AND LNAV/VNAV LINE OF MINIMA -- FPT REQUEST.
3. ADDED FAS DATA -- LPV ADDED TO PROCEDURE.
4. LINE 3: UPDATED FAC FROM "038.83" TO "037.58" -- FAF MOVED TO BRING GPA/TCH IN ALIGNMENT WITH VGSI.
5. UPDATED LNAV MDA/HAA FROM "1680/440" TO "1640/400" -- NEW PROCEDURE EVALUATION.
6. UPDATED LNAV CAT C VISIBILITY FROM "1 1/4" TO "1 1/8" -- NEW VISIBILITY CALCULATION.
7. MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMBING RIGHT TURN TO 4000 DIRECT TO DECTU WP AND HOLD" TO "(DO NOT EXCEED 210 KIAS UNTIL DECTU) CLIMB TO 2200 THEN CLIMBING RIGHT TURN TO 4000 UNTIL DIRECT DECTU AND HOLD" -- FPT REQUEST.
8. UPDATED COURSE/DISTANCE FOR LEG PXR VORTAC TO SIZVU IN TERMINAL ROUTES FROM "186.37/12.75" TO "189.83/12.34" -- CRITERIA UPDATES AND FPT REQUEST.
9. UPDATED COURSE/DISTANCE FOR LEG TFD VORTAC TO NISIW IN TERMINAL ROUTES FROM "349.21/11.85" TO "354.00/10.79" -- CRITERIA UPDATES AND FPT REQUEST.
10. UPDATED COURSE/DISTANCE FOR LEG NISIW TO DECTU IN TERMINAL ROUTES FROM "309.87/5.50" TO "309.88/6.92" -- CRITERIA UPDATES AND FPT REQUEST.
11. UPDATED COURSE/DISTANCE FOR LEG SIZVU TO DECTU IN TERMINAL ROUTES FROM "126.54/6.00" TO "126.53/6.86" -- CRITERIA UPDATES AND FPT REQUEST.
12. UPDATED COURSE/DISTANCE FOR LEG DECTU TO KEDDU IN TERMINAL ROUTES FROM "037.54/5.00" TO "038.81/5.18" -- CRITERIA UPDATES AND FPT REQUEST.
13. LINE 7: ADDED NOTE: 20:1 IS CLEAR -- IAW 8260.19I 8-6-7G(3).
14. LINE 7: CHANGED GPA/TCH FROM "2.90/37" TO "3.00/39.1" -- ALIGN WITH VGSI AND CRITERIA.
15. REMOVED CHART NOTES "GPS OR RNP- 0.3 REQUIRED" AND "DME/DME RNP-0.3 NA" AND ADDED PBN REQUIREMENTS NOTE "RNP APCH - GPS" -- 8260.19H, 8-6-8.B(1).
16. REMOVED CHART NOTE: "WHEN VISUAL GLIDE SLOPE INDICATOR (VGSI) INOP, CIRCLING RWY 4L NA AT NIGHT" - UNLIT 20:1 PENETRATIONS TO RWY 4L REMOVED - IAW 8260.19I 8-6-11 O(2).
17. ADDITIONAL FLIGHT DATA: REMOVED "KEDDU WP TO RW04R: 2.90/37" -- NOT NEEDED.
18. ADDITIONAL FLIGHT DATA: DELETED FINAL SEGMENT (TF) - NOT REQUIRED.
19. ADDITIONAL FLIGHT DATA: UPDATED VDP FROM 1.28 NM TO 1.14 NM - NEW VDP CALCULATION.
20. TERMINAL ROUTES LINES 1 AND 2: RNP UPDATED FROM 2.0 TO 1.0 - IAW 8260.58A TABLE 1-2-1.
21. TERMINAL ROUTES LINE 5: RNP UPDATED FROM 0.5 TO 1.0 - IAW 8260.58A TABLE 1-2-1.
22. ADDED CHART PLANVIEW NOTE PROCEDURE NA FOR ARRIVAL ON PXR VORTAC AIRWAY RADIALS 143 CW 260 - TURNS GREATER THAN 90 DEGREES.
23. ADDED CHART PLANVIEW NOTE PROCEDURE NA FOR ARRIVALS AT PXR VORTAC ON V528 SOUTHWEST BOUND - TURNS GREATER THAN 90 DEGREES.

10/27/2021: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/12/2021.

1. REMOVED CHART PLANVIEW NOTES: PROCEDURE NA FOR ARRIVALS AT PXR VORTAC ON V528 SOUTHWEST BOUND AND PROCEDURE NA FOR ARRIVAL ON PXR VORTAC AIRWAY RADIALS 143 CW 260.
2. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PXR VORTAC ON V16 AND T306 EASTBOUND.

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:** ZAB, PHX APP CON, CHD ATCT, AZ AERO, AMGR

**FLIGHT CHECKED BY**

THOMAS EDWARD MOLOKIE

Digitally signed by  
**JON DENTON**

Oct 27, 2021

**OFFICE**

FIOG

**DATE**

10/07/2021

**DEVELOPED BY**

DONALD H. LANIER (SCOTT LINDHOLM)

Digitally signed by  
**JON DENTON**

Oct 27, 2021

**OFFICE**

AJV-A431

**DATE**

06/16/2021

**APPROVED BY**

LONNIE EVERHART

Digitally signed by  
**JON DENTON**

Oct 27, 2021

**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	KCHD
RUNWAY	RW04R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	331556.6095N
LTP/FTP LONGITUDE	1114850.9865W
LTP/FTP ELLIPSOIDAL HEIGHT	+03467
FPAP LATITUDE	331654.4270N
FPAP LONGITUDE	1114730.0160W
THRESHOLD CROSSING HEIGHT (TCH)	00039.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1264
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	5460891F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+03767
FPAP ORTHOMETRIC HEIGHT	+03767

