

**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SUPERSEDED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>	<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>
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:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT DECTU

3. FAC:

037.58

FAF: KEDDU

DIST FAF TO MAP: 5.10

DIST FAF TO THLD: 5.10

4. MIN ALT: DECTU 4000, KEDDU 2900

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

250 HAT: 0.67

GS ANT:

6. MIN GP INCPT:

2900

GP ALT AT FAF :

KEDDU 2900

OM:

MM:

IM:

7. GP ANGLE:

3.00

34:1:

IS CLEAR

20:1:

IS CLEAR

TCH:

39.1

8. MSA FROM: RW04R 6200

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PHX VORTAC ON V16 AND T306 EAST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 038.81 INBOUND.
FAS OBST: 1380 AAO 331342N/1115221W.
CHART VDP AT 1.14 NM TO RW04R.
WAAS CHANNEL # 93544
REFERENCE PATH ID: W04A
CHART CIRCLING ICON.
LTP HAE: 346.7 M

MINIMUMS:

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

ALTERNATE: NA ☐

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	1490	3/4	250	1490	3/4	250	1490	3/4	250		NA				
LNAV/VNAV DA	1640	1 1/8	400	1640	1 1/8	400	1640	1 1/8	400		NA				
LNAV MDA	1640	1	400	1640	1	400	1640	1 1/8	400		NA				
CIRCLING	1700	1	457	1760	1	517	1760	1 1/2	517		NA				



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** ☐ **NBA** ☒ **OTHER:** ZAB, PHX APP CON, CHD ATCT, AZ AERO, AMGR

FLIGHT CHECKED BY

THOMAS EDWARD MOLOKIE

Digitally signed by

JON DENTON

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



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

<u>AIRPORT ID</u> KCHD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 4R	<u>AMDT NO.</u> 1	<u>CITY</u> CHANDLER	<u>STATE</u> AZ	<u>AIRPORT ELEVATION</u> 1243	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
TFD VORTAC

TO
NISIW

<u>RNP</u>	<u>DISTANCE</u> 10.79	<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	330112.00N/1115321.00W	1844	164	98	4E	2000				AT1200	5100
												TERRAIN	330112.00N/1115321.00W	1644 (1600)								AS1500	3100

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER

FROM
PXR VORTAC

TO
SIZVU

<u>RNP</u>	<u>DISTANCE</u> 12.34	<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>
												TOWER (04-020231)	332004.90N/1120335.40W	2831	500	50	5D	2000				AT200	5100
												TERRAIN	332000.00N/1120333.00W	2588 (2600)								AS1500	4100

COMPUTATIONS

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

SEGMENT REMARKS:



INITIAL

FROM
NISIW

TO
DECTU

RNP	DISTANCE 6.92	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	330418.00N/1115348.00W		1716	164	98	4E	1000				AT1284	4000
TERRAIN	330418.00N/1115348.00W		1516 (1500)								AS1500	3000

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

INITIAL

FROM
SIZVU

TO
DECTU

RNP	DISTANCE 6.86	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	330851.00N/1120054.00W		1598	164	98	4E	1000				AT1402	4000
TERRAIN	330851.00N/1120054.00W		1398 (1400)								AS1500	2900

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



INTERMEDIATE

FROM
DECTU

TO
KEDDU

RNP	DISTANCE 5.18	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	330851.00N/1120112.00W		1913	164	98	4E	500				AT388	2900
TERRAIN	331142.00N/1115354.00W		1240 (1200)								AS1500	2700

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
KEDDU

TO
RW4R

<u>RNP</u>	<u>DISTANCE</u> 5.10	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 250			<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>
POLE (04-071867)	331544.38N/1114900.52W		1271	20	3	1A		34.00:1				1490

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: LNAV/VNAV

FROM
KEDDU

TO
RW4R

<u>RNP</u>	<u>DISTANCE</u> 5.10	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 400			<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>
TRANSMISSION_LINE (04-000573)	331452.73N/1114937.72W		1370	50	20	2C		23.39:1				1640

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM
KEDDU

TO
RW4R

<u>RNP</u>	<u>DISTANCE</u> 5.10	<u>PAT</u>	<u>MAP</u> RW4R	<u>HAT</u> 400			<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	331342.00N/1115221.00W		1380	50	20	2C	250					1640

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH : LPV

FROM

DA

TO

DECTU

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1301					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				4000
AAO	330921.00N/1115145.00W		1903	164	98	4E	1000					3000
TERRAIN	330921.00N/1115145.00W		1703 (1700)								AS1500	3200

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

SEGMENT REMARKS:

MISSED APPROACH : LNAV/VNAV

FROM

DA

TO

DECTU

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1490					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				4000
AAO	330921.00N/1115145.00W		1903	164	98	4E	1000					3000
TERRAIN	330921.00N/1115145.00W		1703 (1700)								AS1500	3200

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

SEGMENT REMARKS:



MISSED APPROACH : LNAV

FROM

RW4R

TO

DECTU

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1540					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				4000
AAO	330921.00N/1115145.00W		1903	164	98	4E	1000					3000
TERRAIN	330921.00N/1115145.00W		1703 (1700)								AS1500	3200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

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											
TRANSMISSION_LINE (04-000576)	331547.38N/1114653.51W	1.31	457	1392	50	20	2C	300			1700
CATEGORY B											
TOWER (04-020171)	331734.90N/1114955.64W	1.85	517	1441	20	20	1C	300			1760
CATEGORY C											
TOWER (04-020171)	331734.90N/1114955.64W	2.91	517	1441	20	20	1C	300			1760

CIRCLING REMARKS:



MSA

CENTER

RW04R

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	332442.00N/1112403.00W	055	22.5	5112	164	98	4E	1000			6200

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZAB ARTCC, PHX APP CON, CHD TOWER

<u>WX SERVICE</u> AWOS-3PT	<u>LOCATION</u> KCHD	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KCHD	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS-3	<u>LOCATION</u> KIWA	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KIWA	<u>DISTANCE</u> 8.63	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 38.5

WX REMARKS:

<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>
RW4L - MIRL (PCL), PAPI-4L (PCL)		BSC-F	
RW22R - MIRL (PCL), PAPI-4L (PCL)		BSC-F	
01H		H-G	
RW22L - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)		NPI-F	
RW4R - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)		NPI-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 1235.9	<u>TCH</u> 39.1	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 39.1
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☒	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -17C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -17C	<u>APT ISA</u> +12.54C
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CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 833 HIGH TEMP 1183.



"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	CIRCLING RWY 4L
20:1	
1265 POLE (04-020330) 331543.96N/1114917.33W (3.79)	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

TAA AND HOLD-IN-LIEU NOT DESIRED BY PHOENIX APPROACH CONTROL.
WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PHOENIX-MESA GATEWAY ALTIMETER SETTING AND INCREASE LPV DA TO 1529 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE LNAV/VNAV DA TO 1679 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CAT C 1/8 SM.

BARO-VNAV AND VDP NA WHEN USING PHOENIX-MESA GATEWAY ALTIMETER SETTING.

RWY 4L CIRCLING PENETRATION 1265 POLE (04-020330) 331543.96N/1114917.33W (3.79) IS LIT.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT ID</u> KCHD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 4R	<u>AMDT NO.</u> 1	<u>CITY</u> CHANDLER	<u>STATE</u> AZ	<u>AIRPORT ELEVATION</u> 1243	<u>FACILITY</u> RNAV
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	3.22			
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20			
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	049.58			
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1300			
DISTANCE FROM	THLD	TO 1500FT POINT	4.79			
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.09			
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	049.58			
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1300			
THRESHOLD COORDINATES (IF STR-IN)	331556.61N/1114850.99W					
ARP COORDINATES	331608.75N/1114840.04W					
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 22L DISTANCE 0.56 NM					
FAF COORDINATES						
FIX NAME COORDINATES						
REMARKS						

QUALITY

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CHECKED

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Electronic Version

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PART E: PREPARED BY

<u>NAME</u> DONALD H. LANIER (SCOTT LINDHOLM)	<u>OFFICE</u> AJV-A431	<u>DATE</u> 06/16/2021	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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