

**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> KPHX	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 8	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> PHOENIX	<u>STATE</u> AZ		
<u>AIRPORT ELEVATION</u> 1135	<u>TDZE</u> 1118	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 8	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 04/23/2020	<u>MAG VAR</u> 12E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 NOVEMBER 2022	<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>
BXK VORTAC		ALLIS		TF	FB	1.00	079.40	10.00	5000
PXR VORTAC		ETVIW		TF	FO	1.00	259.93	14.53	4100
ALLIS	IAF	ETVIW	NOPT	TF	FB	1.00	079.46	18.39	4100
ETVIW	IF/IAF	IEGOR		TF	FB	1.00	077.93	5.92	3000
IEGOR	FAF	RW08	MAP	TF	FO	0.30	078.00	5.76	
RW08	MAP	3000 MSL		CA			078.00		3000
3000 MSL		AVENT		DF	FO	1.00			5000

MISSED APPROACH

MAP:

LPV: DA
LNAV: RW08

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 THEN CLIMBING LEFT TURN TO 5000 DIRECT AVENT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
10
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD W ETVIW, RT, 077.93 INBOUND, 4100 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 078.00FAF: IEGORDIST FAF TO MAP: 5.76DIST FAF TO THLD: 5.76

4. MIN ALT: ETVIW 4100, IEGOR 3000

5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.63GS ANT:

6. MIN GP INCPT: 3000GP ALT AT PFAF : IEGOR 3000OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 54.0

8. MSA FROM: RW08 6100

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BXK VORTAC AIRWAY RADIALS 77 CW 152.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PXR VORTAC AIRWAY RADIALS 185 CW 336.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CATS C AND D VISIBILITY TO 2 SM.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 156.00 INBOUND.
CHART FAS OBST: 1602 BUILDING (04-000100) 332703N/1120423W.
CHART VDP AT 2.12 NM TO RW08.
WAAS CHANNEL # 86611
REFERENCE PATH ID: W08A
CHART CIRCLING ICON.
LTP HAE: 309.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 1000-2 3/4, CAT D 1300-3

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	1368	3/4	250	1368	3/4	250	1368	3/4	250	1368	3/4	250			
LNAV MDA	1860	3/4	742	1860	1	742	1860	1 7/8	742	1860	1 7/8	742			
CIRCLING	1860	1	725	1860	1 1/4	725	2040	2 3/4	905	2340	3	1205			



CHANGES - REASONS

1. INCORPORATED CHANGES FROM PREVIOUS P-NOTAM INTO AMDT 2.
2. PROFILE LINE 2: ADDED "MAX 6000" - IAW 8260.19I 8-6-7B(2).
3. FAF CHANGED FROM OJGIL TO IEGOR - TO MAINTAIN 3.0 GP ANGLE PER FPT REQUEST.
4. REMOVED YOKXO AND IWA VORTAC FROM TERMINAL ROUTES - NEW MISSED APPROACH TO AVENT PER FPT.
5. ADDED CA LEG IN TERMINAL ROUTES - CA LEG REQUIRED IAW 8260.58B 3-5-2A(2).
6. MISSED APPROACH CHANGED FROM "CLIMB TO 5000 DIRECT YOKXO AND VIA 113.50 TRACK TO IWA VORTAC AND HOLD" TO "CLIMB TO 3000 THEN CLIMBING LEFT TURN TO 5000 DIRECT AVENT AND HOLD" - PER ATC/FPT REQUEST.
7. PROFILE LINE 3: FAF CHANGED FROM OJGIL TO IEGOR, DIST FAF TO MAP AND DIST FAF TO THLD CHANGED FROM 5.67 TO 5.76 - NEW FAF IEGOR MOVED OUT TO MAINTAIN 3.0 GP ANGLE.
8. PROFILE LINE 4: MIN ALT CHANGED FROM OJGIL 3000 TO IEGOR 3000 - NEW FAF AND PLACEMENT TO MAINTAIN 3.0 GP ANGLE.
9. PROFILE LINE 5: CHANGED 276 HAT: 0.71 TO 250 HAT: 0.63 - LPV MINIMA LOWERED DUE TO NEW OBSTACLE EVALUATION, 1125 BUILDING (04-024322).
10. PROFILE LINE 6: GP ALT AT PFAF: CHANGED FROM OJGIL TO IEGOR - NEW FAF PER FPT.
11. PROFILE LINE 7: REMOVED 34:1 IS NOT CLEAR, ADDED 34:1 IS CLEAR AND 20:1 IS CLEAR - NEW OBSTACLE EVALUATION SHOWS CLEAR.
12. REMOVED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED RNP APCH - GPS TO PBN REQUIREMENTS NOTE - IAW 8260.19I 8-6-8B(2).
13. REMOVED CHART NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 1 NOT AUTHORIZED - 20:1 IS CLEAR IN NEW OBSTACLE EVALUATION.
14. CHART PROFILE NOTE: CHANGED FROM "VGSi AND RNAV GLIDEPATH NOT COINCIDENT" TO "VGSi AND RNAV GLIDEPATH NOT COINCIDENT (VGSi ANGLE {ANGLE}/TCH {FEET}) - IAW 8260.19I-6-9M(1).
15. REMOVED CHART NOTE: "INOPERATIVE TABLE DOES NOT APPLY", ADDED "INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS" AND "FOR INOPERATIVE ALS, INCREASE LNAV CATS C AND D VISIBILITY TO 2 SM" - IAW 8260.19I 8-6-11O(3).
16. ADDED CHART PLANVIEW NOTES: "PROCEDURE NA FOR ARRIVAL ON BXK VORTAC AIRWAY RADIALS 77 CW 152" AND "PROCEDURE NA FOR ARRIVAL ON PXR VORTAC AIRWAY RADIALS 185 CW 336" - IAW 8260.19I 8-2-5E(2).
17. ADDITIONAL FLIGHT DATA: MISSED APPROACH HOLDING STATEMENT CHANGED FROM "HOLD S, RT, 360.00 INBOUND" TO "HOLD NW, RT, 156.00 INBOUND" - NEW MISSED APPROACH HOLDING AT AVENT PER ATC/FPT REQUEST.
18. CHART FAS OBST: CHANGED FROM "1602 ANT 332703N/1120423W" TO "1602 BUILDING (04-000100) 332703N/1120423W" - SAME OBSTACLE, NEW SURVEY.
19. ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 2.12 NM TO RW08" - 20:1 SURFACE IS CLEAR IN NEW OBSTACLE EVALUATION.
20. ALTERNATE MINIMA FOR CAT D CHANGED FROM 1500-3 TO 1300-3 - NEW OBSTACLE EVALUATION AND MAP STUDY SHOWED NEW CAT D CIRCLING AAO AT 2040 FT MSL WITH A HAA OF 1205.
21. LPV MINIMA CHANGED FROM DA/HAT 1394/276 TO 1368/250 AND VISIBILITY CHANGED ALL CATS FROM 1 SM TO 3/4 SM - NEW OBSTACLE EVALUATION SHOWED NEW SURVEYED 1125 FT MSL BUILDING (04-024322).
22. LNAV VISIBILITIES CHANGED FROM "CAT A: 1, CAT B: 1 1/4, CAT C: 2 1/4, CAT D: 2 1/2" TO "CAT A: 3/4, CAT B: 1, CATS C/D: 1 7/8" - IAW 8260.3E TABLES 3-3-3 (CAT A), 3-3-4 (CAT B), 3-3-1 (CATS C/D).
23. CIRCLING CAT D MDA/HAA CHANGED FROM 2560/1425 TO 2340/1205 - NEW AAO IDENTIFIED IN OBSTACLE EVALUATION/MAP STUDY, 2040 FT MSL AAO 332154.97N/1120025.96W.
24. FAS DATA BLOCK: LTP/FTP LAT/LONG CHANGED FROM 332627.0895N/1120136.6560W TO 332627.0905N/1120136.6570W, FPAP LAT/LONG CHANGED FROM 332626.9600N/1115931.6900W TO 332626.9640N/1115931.6780W, CRC REMAINDER CHANGED FROM 63B6B77C TO BFEEA53B - SURVEY DATED 03/28/2017 UPDATED LTP LAT/LONG AND NEW FAF PLACEMENT, BOTH CHANGED CRC REMAINDER IN SIAP.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAB, PHX APCH, PHX ATCT, AZ AERO, AMGR

FLIGHT CHECKED BY

ASHU S GAUTAM

OFFICE

FPO

DATE

08/25/2022

Digitally signed by
DAVID TEFFETELLER

Aug 30, 2022

DEVELOPED BY

RICHARD CHRISTENSEN

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RICHARD E CHRISTENSEN

OFFICE

AJV-A431

DATE

05/02/2022

APPROVED BY

CASIMIR TABAKA

Digitally signed by

DAVID TEFFETELLER

Aug 30, 2022

OFFICE

AJV-A430

DATE

TITLE
MANAGER

QUALITY
10
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPHX
RUNWAY	RW08
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W08A
LTP/FTP LATITUDE	332627.0905N
LTP/FTP LONGITUDE	1120136.6570W
LTP/FTP ELLIPSOIDAL HEIGHT	+03093
FPAP LATITUDE	332626.9640N
FPAP LONGITUDE	1115931.6780W
THRESHOLD CROSSING HEIGHT (TCH)	00054.0
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	BFEEA53B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+03391
FPAP ORTHOMETRIC HEIGHT	+03391

