

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> KIDI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> INDIANA	<u>STATE</u> PA		
<u>AIRPORT ELEVATION</u> 1419	<u>TDZE</u> 1419	<u>SUPERSEDED</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 09/15/2016	<u>MAG VAR</u> 10W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 JUNE 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 196/30 CW 016/30	NOPT	196/10 CW 016/10		5400
2. 196/10 CW 016/10		UHGUS	IF/IAF	4400
3. 016/30 CW 106/30		016/10 CW 106/10		4600
4. 016/10 CW 106/10		JEVRT	IAF	4400
5. 106/30 CW 196/30		CEBOX	IAF	4400

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
JEVRT	IAF	UHGUS	NOPT	TF	FB	1.00	016.46	10.00	4400
CEBOX	IAF	UHGUS	NOPT	TF	FB	1.00	196.50	10.00	4400
UHGUS	IF/IAF	HARBI		TF	FB	1.00	286.48	8.03	3100
HARBI	FAF	WATAR/2.54 NM TO RW29		TF	FB	0.30	286.36	2.56	
WATAR/2.54 NM TO RW29		RW29	MAP	TF	FO	0.30	286.36	2.54	
RW29	MAP	1755 MSL		CA			286.36		
1755 MSL		OMISE		DF	FO	1.00			3600



MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW29

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 3600 DIRECT OMISE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD E UHGUS, RT, 286.48 INBOUND, 4400 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC: 286.36	FAF: HARBI	DIST FAF TO MAP: 5.10	DIST FAF TO THLD: 5.10		
4. MIN ALT: UHGUS 4400, HARBI 3100, WATAR/2.54 NM TO RW29 2280					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	336 HAT: 0.90	GS ANT:
6. MIN GP INCPT: 3100	GP ALT AT PFAF : HARBI 3100	OM:	MM:	IM:	
7. GP ANGLE: 3.02	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 45.5		
8. MSA FROM:					

PBN REQUIREMENTS NOTE:
RNP APCH - GPS.

NOTES:
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ALLEGHENY COUNTY ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.
CHART NOTE: RWY 29 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ALLEGHENY COUNTY ALTIMETER SETTING AND INCREASE LPV DA TO 1874 FEET AND ALL VISIBILITIES 3/8 SM. INCREASE LNAV/VNAV DA TO 2099 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 120 FEET AND LNAV VISIBILITY CAT C/D 3/8 SM, AND CIRCLING VISIBILITY CAT A/B 1/4 SM.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 106.09 INBOUND.
CHART FAS OBST: 1712 ELECTRICAL_SYSTEM (42-078992) 403709N/0790345W.
CHART 1751 ELECTRICAL_SYSTEM 403737N/0790147W.
CHART VDP AT 1.61 NM TO RW29.
WAAS CHANNEL # 97539
REFERENCE PATH ID: W29A
LTP HAE: 399.8 M



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

ALTERNATE: NA ☐ STANDARD - CAT C, D 1300-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	1755	1	336	1755	1	336	1755	1	336	1755	1	336			
LNAV/VNAV DA	1980	1 5/8	561	1980	1 5/8	561	1980	1 5/8	561	1980	1 5/8	561			
LNAV MDA	1980	1	561	1980	1	561	1980	1 5/8	561	1980	1 5/8	561			
CIRCLING	2120	1	701	2180	1	761	2660	3	1241	2660	3	1241			



CHANGES - REASONS

1. TERMINAL ROUTE JEVRT TO UHGUS COURSE/ALTITUDE CHANGED FROM 356.51/4800 TO 016.46/4400 - FPT REQUESTED Y DESIGN AND ALTITUDE CHANGE.
2. TERMINAL ROUTE CEBOX TO UHGUS COURSE/ALTITUDE CHANGED FROM 216.54/4800 TO 196.50/4400 - FPT REQUESTED Y DESIGN AND ALTITUDE CHANGE.
3. TERMINAL ROUTE UHGUS TO HARBI DISTANCE CHANGED FROM 8.00 TO 8.03 - FPT REQUESTED 3.02 GP ANGLE WHICH CAUSED HARBI LOCATION TO MOVE.
4. TERMINAL ROUTE HARBI TO WATAR CHANGED DISTANCE FROM 2.24 TO 2.56 - FPT REQUESTED 2280 SDF ALTITUDE WHICH CAUSED WATAR LOCATION TO MOVE.
5. TERMINAL ROUTE WATAR TO RW29 DISTANCE CHANGED FROM 2.90 TO 2.54 - FPT REQUESTED 2280 SDF ALTITUDE WHICH CAUSED WATAR LOCATION TO MOVE.
6. TERMINAL ROUTE RW29 TO 1669 MSL CA ALTITUDE CHANGED FROM 1669 MSL TO 1755 MSL - LPV MISSED PENETRATION RAISES HAT FROM 250 TO 336 CAUSING THE CA ALTITUDE TO BE RAISED.
7. TERMINAL ROUTE 1669 MSL TO OMISE CA ALTITUDE CHANGED FROM 1669 MSL TO 1755 MSL - LPV MISSED PENETRATION RAISES HAT FROM 250 TO 336 CAUSING THE CA ALTITUDE TO BE RAISED.
8. PROFILE SECTION LINE 2 ALTITUDE CHANGED FROM 4800 FT TO 4400 FT - FPT REQUESTED HIL ALTITUDE TO BE LOWERED.
9. PROFILE SECTION LINE 3 DIST FAF TO MAP/THLD CHANGED FROM 5.14/5.14 TO 5.10/5.10 - FPT REQUESTED 3.02 GP ANGLE WHICH CAUSED HARBI LOCATION TO MOVE.
10. PROFILE SECTION LINE 4 UHGUS/WATAR ALTITUDES CHANGED FROM 4800/2380* TO 4400/2280 - FPT REQUESTED ALTITUDE CHANGES AND ASTERISK NO LONGER REQUIRED PER 8260.19I 1-1-5F(12).
11. PROFILE SECTION LINE 5 ADDED DIST TO THLD FROM 336 HAT: 0.90 - IAW 8260.19I 8-6-7E(3).
12. PROFILE SECTION LINE 7 ANGLE/TCH CHANGED FROM 3.00/45.4 TO 3.02/45.5 - PER FPT REQUEST TO AVOID MISSED PENETRATIONS.
13. ADDITIONAL FLIGHT DATA CHANGED FAS OBST FROM 1839 TREE TO 1712 ELECTRICAL_SYSTEM - PER CURRENT EVALUATION AND NEW LNAV STEPDOWN CONTROLLING OBSTACLE.
14. ADDITIONAL FLIGHT DATA ADDED CHART 1751 ELECTRICAL_SYSTEM 403737N/0790147W - PER CURRENT EVALUATION AND 8260.19I 8-6-10D(2).
15. ADDITIONAL FLIGHT DATA REMOVED DIST TO THLD FROM 250 HAT - NEW 8260-3 REPORT FORMAT RELOCATES THIS INFORMATION TO PROFILE SECTION LINE 5.
16. ADDITIONAL FLIGHT DATA VDP DISTANCE CHANGED FROM 1.98 TO 1.61 - PER CURRENT EVALUATION.
17. ADDITIONAL FLIGHT DATA SECTION REMOVED *LNAV ONLY - NO LONGER REQUIRED PER 8260.19I 1-1-5F(12).
18. ADDITIONAL FLIGHT DATA SECTION REMOVED CHART CIRCLING ICON - IAW MEMO 279 DATED MAY 13, 2021 TITLED REVISED CIRCLING MANEUVERING AREA CRITERIA IMPLEMENTATION PLAN.
19. MINIMUMS SECTION LPV DA/VIS/HAT CHANGED FROM 1669/3/4/250 TO 1755/1/336 ALL CATS - MISSED PENETRATION RAISES MINIMUMS AND VISIBILITIES PER CURRENT EVALUATION.
20. MINIMUMS SECTION VNAV DA/VIS/HAT CHANGED FROM 2035/2 1/2/616 TO 1980/1 5/8/561 ALL CATS - VNAV DA HAS BEEN MATCHED TO THE LNAV MDA IAW 8260.58B 3-3-5 AND PER FPT COORDINATION/REQUEST.
21. MINIMUMS SECTION LNAV CAT A/B MDA/HAT CHANGED FROM 2100/681 TO 1980/561 - PER CURRENT EVALUATION AND FPT COORDINATION/REQUEST.
22. MINIMUMS SECTION LNAV CAT C/D MDA/VIS/HAT CHANGED FROM 2100/2/681 TO 1980/1 5/8/561 - PER CURRENT EVALUATION AND PER FPT COORDINATION/REQUEST.
23. NOTES SECTION REMOVED FAHRENHEIT REFERENCES FROM CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C - IAW 8260.19I 8-6-9R.
24. NOTES SECTION REPLACED CHART NOTE: DME/DME RNP-0.3 NA WITH PBN REQUIREMENTS NOTE RNP APCH - GPS - IAW 8260.19I 8-6-8B(2).
25. NOTES SECTION CHANGED ALTIMETER NOTE FROM CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ALLENGHENY COUNTY ALTIMETER SETTING AND INCREASE LPV DA TO 1788 FEET, LNAV/VNAV DA TO 2154 FEET; INCREASE VISIBILITY LPV ALL CATS TO 1 1/4 SM. INCREASE ALL MDA 120 FEET AND ALL CAT A AND B VISIBILITIES TO 1 1/4 SM AND LNAV CAT C AND D VISIBILITIES TO 2 1/2 SM TO CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ALLEGHENY COUNTY ALTIMETER SETTING AND INCREASE LPV DA TO 1874 FEET AND ALL VISIBILITIES 3/8 SM. INCREASE LNAV/VNAV DA TO 2099 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 120 FEET AND LNAV VISIBILITY CAT C/D 3/8 SM, AND CIRCLING VISIBILITY CAT A/B 1/4 SM - PER CURRENT EVALUATION AND 8260.19I 8-6-11N(1)(A).
26. TAA SECTION STRAIGHT-IN SECTOR AND ALTITUDE CHANGED FROM 217/30 CW 357/30 TO 217/11 CW 357/11 ALT 4900 TO 196/30 CW 016/30 TO 196/10 CW 016/10 ALTITUDE 5400 - PER FPT REQUEST.
27. TAA SECTION STRAIGHT-IN STEPDOWN SECTOR AND ALTITUDE CHANGED FROM 217/11 CW 357/11 TO UHGUS ALTITUDE 4800 TO 196/10 CW 016/10 TO UHGUS 4400 - PER FPT REQUEST.
28. TAA SECTION LEFT BASE SECTOR AND ALTITUDE CHANGED FROM 357/30 CW 107/30 TO 357/11 CW 107/11 ALTITUDE 4900 TO 016/30 CW 106/30 TO 016/10 CW 106/10 ALTITUDE 4600 - PER FPT REQUEST.
29. TAA SECTION LEFT BASE STEPDOWN SECTOR AND ALTITUDE CHANGED FROM 357/11 CW 107/11 TO JEVRT ALTITUDE 4800 TO 016/10 CW 106/10 TO JEVRT ALTITUDE 4400 - PER FPT REQUEST.
30. TAA SECTION RIGHT BASE SECTOR AND ALTITUDE CHANGED FROM 107/30 CW 217/30 TO CEBOX ALTITUDE 4800 TO 106/30 CW 196/30 TO CEBOX ALTITUDE 4400 - PER FPT REQUEST.
31. FAS DATA BLOCK LTP/FTP LATITUDE/LONGITUDE CHANGED FROM 403748.8430N/0790530.0380W TO 403748.8425N/0790530.0330W - PER CURRENT EVALUATION.
32. FAS DATA BLOCK FPAP LATITUDE/LONGITUDE CHANGED FROM 403758.5950N/0790726.3630W TO 403758.5930N/0790726.3585W - PER CURRENT EVALUATION.
33. FAS DATA BLOCK GLIDEPATH ANGLE (GPA) CHANGED FROM 03.00 TO 03.02 - PER FPT REQUEST.
34. FAS DATA BLOCK CRC REMAINDER CHANGED FROM 0A482183 TO 6C797538 - IAW 8260.19I APPENDIX K (4)T.
35. FAS DATA BLOCK LTP/FPAP ORTHOMETRIC HEIGHT CHANGED ROM +04326 TO +04325 - IAW 8260.19I APPENDIX K (4)V.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒

OTHER: JST APP CON, ZOB, AMGR

FLIGHT CHECKED BY

BOB S PRESSLER

Digitally signed by

RAKE MCGRAW

Apr 10, 2023

OFFICE

FPO

DATE

04/05/2023

DEVELOPED BY

RAKE MCGRAW (NEERAJ VERMA)

Digitally signed by

RAKE MCGRAW

Apr 10, 2023

OFFICE

AJV-A422

DATE

02/10/2023

APPROVED BY

RAKE MCGRAW

Digitally signed by

RAKE MCGRAW

Apr 10, 2023

OFFICE

AJV-A422

DATE

06/15/2023

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIDI
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	403748.8425N
LTP/FTP LONGITUDE	0790530.0330W
LTP/FTP ELLIPSOIDAL HEIGHT	+03998
FPAP LATITUDE	403758.5930N
FPAP LONGITUDE	0790726.3585W
THRESHOLD CROSSING HEIGHT (TCH)	00045.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.02
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	6C797538

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+04325
FPAP ORTHOMETRIC HEIGHT	+04325

QUALITY
10
CHECKED