

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> BAK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> COLUMBUS	<u>STATE</u> IN
<u>AIRPORT ELEVATION</u> 656	<u>TDZE</u> 653	<u>SUPERSEDED</u> RNAV (GPS) RWY 32	<u>DATED</u> 11/03/2022	<u>MAG VAR</u> 3W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ORIGINAL/AMENDMENT</u> 1	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 1995
		<u>ACTUAL EFFECTIVE DATE</u> 5 SEPTEMBER 2024	<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>
KAPRE	IAF	HUMOX	NOPT	TF	FB	1.00	357.90	10.00	2500
TIYCO	IAF	HUMOX	NOPT	TF	FB	1.00	228.21	6.50	2500
HUMOX	IF/IAF	LUPIC		TF	FB	1.00	318.15	6.14	2300
LUPIC	FAF	ICIDU/2.49 NM TO RW32		TF	FB	0.30	318.09	2.47	
ICIDU/2.49 NM TO RW32		RW32	MAP	TF	FO	0.30	318.09	2.49	
RW32	MAP	1300 MSL		CA			318.09		1300
1300 MSL		HUMOX		DF	FO	1.00			2500

MISSED APPROACH

MAP:

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW32

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1300, THEN CLIMBING RIGHT TURN TO 2500 DIRECT HUMOX AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- |   |                            |                |                       |                        |         |
|---|----------------------------|----------------|-----------------------|------------------------|---------|
| 1. PT   | SIDE OF COURSE             | OUTBOUND       | FT WITHIN             | MILES OF               | (IAF)   |
| 2. HOLD SE HUMOX, RT, 318.15 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000. |                            |                |                       |                        |         |
| 3. FAC: 318.09  | FAF: LUPIC                 |                | DIST FAF TO MAP: 4.96 | DIST FAF TO THLD: 4.96 |         |
| 4. MIN ALT: HUMOX 2500, LUPIC 2300, ICIDU/2.49 NM TO RW32 1500                |                            |                |                       |                        |         |
| 5. DIST TO THLD FROM OM:  | MM:                        | IM:            | 150 HAT:              | 250 HAT: 0.64          | GS ANT: |
| 6. MIN GP INCPT: 2300   | GP ALT AT PFAF: LUPIC 2300 |                | OM:                   | MM:                    | IM:     |
| 7. GP ANGLE: 3.04   | 34:1: IS NOT CLEAR         | 20:1: IS CLEAR | TCH: 45.0             |                        |         |
| 8. MSA FROM: RW32 3100  |                            |                |                       |                        |         |



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 824 TRANSMISSION\_LINE (18-026317) 391511N/0855157W.  
CHART R-3401 A/B.  
CHART VDP AT 1.20 NM TO RW32.  
WAAS CHANNEL # 50399  
REFERENCE PATH ID: W32A  
LTP HAE: 164.7 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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	903	1	250	903	1	250	903	1	250	903	1	250			
LNAV/VNAV DA	1056	1 1/8	403	1056	1 1/8	403	1056	1 1/8	403	1056	1 1/8	403			
LNAV MDA	1080	1	427	1080	1	427	1080	1 1/4	427	1080	1 1/4	427			

CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAM FOR AMDT ORIG-A AND ORIG-B INTO FORM – IAW 8260.19I 8-3-4 C(3).  
2. MINIMUMS: RAISED LPV VISIBILITIES ALL CATS FROM “3/4” TO “1” - TO MITIGATE RUNWAY PROTECTION ZONE (RPZ) STANDARD ISSUES.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ARPT MGR, ZID

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE  
FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

DATE

Digitally signed by  
CASIMIR L TABAKA

May 15, 2024

DEVELOPED BY

CASIMIR L. TABAKA (HOPE N. DENTON)

Digitally signed by  
CASIMIR L TABAKA  
May 15, 2024

OFFICE

AJV-A432

DATE

05/07/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by  
CASIMIR L TABAKA  
May 15, 2024

OFFICE

AJV-A432

DATE

TITLE  
MANAGER



AIRPORT ID  
BAK

PROCEDURE NAME  
RNAV (GPS) RWY 32

ORIGINAL/AMENDMENT  
1A

CITY  
COLUMBUS

STATE  
IN

**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBAK
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	391527.5600N
LTP/FTP LONGITUDE	0855321.8445W
LTP/FTP ELLIPSOIDAL HEIGHT	+01647
FPAP LATITUDE	391630.6685N
FPAP LONGITUDE	0855442.9030W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.04
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	F02C4DF3
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**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01986
FPAP ORTHOMETRIC HEIGHT	+01986

