

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> 05C	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 8	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> GRIFFITH	<u>STATE</u> IN
<u>AIRPORT ELEVATION</u> 634	<u>TDZE</u> 634	<u>SUPERSEDED</u> RNAV (GPS) RWY 8	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 11/05/2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 16 MAY 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 3W
				<u>EPOCH YEAR</u> 2000
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BOONE		FIPEX		TF	FO	1.00	292.80	21.91	2300
FIPEX	IF/IAF	SOCOS		TF	FB	1.00	082.87	6.00	2300
SOCOS	FAF	RW08	MAP	TF	FO	0.30	082.96	5.03	
RW08	MAP	1034 MSL		CA			082.96		
1034 MSL		FIPEX		DF	FO	1.00			2300

MISSED APPROACH

MAP:

LNAV: RW08

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 2300 DIRECT FIPEX AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- HOLD W FIPEX, RT, 082.87 INBOUND, 2300 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 082.96 FAF: SOCOS DIST FAF TO MAP: 5.03 DIST FAF TO THLD: 5.03
- MIN ALT: FIPEX 2300, SOCOS 2300
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: MM: IM:
- MIN GP INCPT: GP ALT AT FAF: OM: MM: IM:
- GP ANGLE: 34:1 IS NOT CLEAR 20:1 IS NOT CLEAR TCH:
- MSA FROM: RW08 3400



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE CHICAGO MIDWAY INTL ALTIMETER SETTING AND INCREASE ALL MDA'S 60 FEET.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 824 TOWER (18-001504) 412951N/0873043W.

SOCOS TO RW08: 3.04/41.

CHART CIRCLING ICON.

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
LNAV MDA	1080	1	446	1080	1	446		NA			NA				
CIRCLING	1200	1	566	1200	1	566		NA			NA				

CHANGES - REASONS

1. CHANGES FROM P-NOTAMS FOR ORIG-A AND ORIG-B INCORPORATED INTO FORM - IAW 8260.19I 8-3-4C(3).
2. PROFILE LINE 2: CHANGED FROM "HOLD W FIPEX, RT, 082.87 INBOUND, 2300 FT IN LIEU OF PT (IAF) (HF) (40E) (43C)" TO "HOLD W FIPEX, RT, 082.87 INBOUND, 2300 FT. IN LIEU OF PT (IAF), MAX 6000" – IAW 8260.19I 8-6-7B(2).
3. PROFILE LINE 7: ADDED 20:1 "IS NOT CLEAR" - IAW 8260.19I 8-6-7G(3)(A).
4. PBN REQUIREMENTS NOTE: CHANGED FROM "RNP APCH" TO "RNP APCH - GPS" – IAW 8260.19I 8-6-8B(2).
5. NOTES: CHANGED PROFILE NOTE: FROM "VGSI AND DESCENT ANGLES NOT COINCIDENT" TO "VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" – IAW 8260.19I 8-6-9M(2).
6. NOTES: CHANGED CHART NOTE: FROM "VISIBILITY REDUCTION BY HELICOPTERS NA" TO "RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" – IAW 8260.19I 8-6-11K(3).
7. NOTES: CHANGED CHART NOTE: FROM "OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED USE CHICAGO MIDWAY INTL ALTIMETER SETTING AND INCREASE ALL MDA'S 60 FEET" TO "OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE CHICAGO MIDWAY INTL ALTIMETER SETTING AND INCREASE ALL MDA'S 60 FEET" – IAW 8260.19I 8-6-9E(2).
8. NOTES: REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BOONE VIA V422 SOUTHEAST BOUND" – V422 AIRWAY CANCELED.
9. ADDITIONAL FLIGHT DATA: DELETED "ROUTE TYPE QUALIFIER 1: J" - NO LONGER REQUIRED.
10. ADDITIONAL FLIGHT DATA: DELETED "ROUTE TYPE: A,R" - NO LONGER REQUIRED.
11. ADDITIONAL FLIGHT DATA: DELETED "ROUTE TYPE QUALIFIER 2: S" - NO LONGER REQUIRED.
12. ADDITIONAL FLIGHT DATA: FAS OBST CHANGED FROM "814 TOWER" TO "824 TOWER" - SAME TOWER WITH NEW SURVEYED HEIGHT.

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: ZAU, CHI APP/DEP CON, AMGR

FLIGHT CHECKED BY

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

OFFICE

Digitally signed by

DATE

ERIC N SUSKI

Mar 25, 2024

DEVELOPED BY

ERIC N SUSKI (EMMANUEL R. GONZALES)

Digitally signed by

ERIC N SUSKI

Mar 25, 2024

OFFICE

AJV-A431

DATE

11/08/2023

APPROVED BY

ERIC N SUSKI

Digitally signed by

ERIC N SUSKI

Mar 25, 2024

OFFICE

AJV-A431

DATE

TITLE

MANAGER