

**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> 514	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> SHERIDAN	<u>STATE</u> IN		
<u>AIRPORT ELEVATION</u> 936	<u>TDZE</u> 932	<u>SUPERSEDED</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 10/08/2020	<u>MAG VAR</u> 0E	<u>EPOCH YEAR</u> 1970
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 MAY 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
CLANG		EDERR		TF	FB	1.00	348.36	10.75	2900
EDERR	IAF	BROOG	NOPT	TF	FB	1.00	322.19	6.75	2700
SOUKS	IAF	BROOG	NOPT	TF	FB	1.00	142.07	6.75	2700
BROOG	IF/IAF	GOEAR		TF	FB	1.00	232.13	4.61	2700
GOEAR	FAF	ODDDS/2.57 NM TO RW23		TF	FB	0.30	232.08	2.83	
ODDDS/2.57 NM TO RW23		RW23	MAP	TF	FO	0.30	232.08	2.57	
RW23	MAP	1800 MSL		CA			232.08		1800
1800 MSL		BROOG		DF	FO	1.00			2700

MISSED APPROACH

MAP:

LNAV: RW23

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 2700 DIRECT BROOG AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. UPDATED LEG CLANG TO DEEKS IN TERMINAL ROUTES FROM "TO: DEEKS, COURSE: 345.63, DISTANCE: 11.94" TO "TO: EDERR, COURSE: 348.36, DISTANCE: 10.75" - DEEKS REPLACED BY EDERR TO FACILITATE INCREASED LEG LENGTH FOR "T" PATTERN IAFS, CRS AND DIST ADJUSTED ACCORDINGLY.
2. REMOVED FEEDER OKK VORTAC TO SOUKS IN TERMINAL ROUTES - OKK VORTAC BEING DECOMMISSIONED.
3. UPDATED LEG DEEKS TO BROOG IN TERMINAL ROUTES FROM "FROM: DEEKS, COURSE: 322.12, DISTANCE: 5.44" TO "FROM: EDERR, COURSE: 322.19, DISTANCE: 6.75" - DEEKS REPLACED BY EDERR TO FACILITATE INCREASED LEG LENGTH FOR "T" PATTERN IAFS IAW 8260.58B 1-3-1.C-D., CRS AND DIST ADJUSTED ACCORDINGLY.
4. UPDATED LEG SOUKS TO BROOG IN TERMINAL ROUTES FROM "COURSE: 142.13, DISTANCE: 5.00" TO "COURSE: 142.07, DISTANCE: 6.75" - INCREASED LEG LENGTH FOR "T" PATTERN IAFS IAW 8260.58B 1-3-1.C-D., CRS AND DIST ADJUSTED ACCORDINGLY.
5. UPDATED LEG DISTANCE IN LEG BROOG TO GOEAR IN TERMINAL ROUTES FROM "5.00" TO "4.61" - GOEAR MOVED 0.39 NM NE TO ALIGN WITH 3.00 VDA IAW 8260.3E 2-6-4.
6. UPDATED FINAL APPROACH AND CA LEG COURSES IN TERMINAL ROUTES FROM "232.07" TO "232.08" - FAC RECALCULATED AFTER FAF MOVED TO ALIGN VDA.
7. ADDED FINAL STEPDOWN LEG TO TERMINAL ROUTES - SDF, ODDDS, INSERTED INTO FINAL SEGMENT TO FACILITATE LOWER MINIMUMS; LEG DISTANCES ADJUSTED TO ACCOMMODATE NEW SEGMENT.
8. UPDATED HOLDING COURSE IN PROFILE LINE 2 FROM "232.07" TO "232.13" - HOLDING CRS UPDATED TO MATCH INTERMEDIATE SEGMENT.
9. UPDATED FAC, DIST FAF TO MAP, AND DIST FAF TO THLD IN PROFILE LINE 3 FROM "232.07, 5.00, 5.00" TO "232.08, 5.39, 5.39" - FAC RECALCULATED AFTER FAF MOVED 0.39 NM NE TO ALIGN WITH 3.00 VDA.
10. ADDED "ODDDS/2.57 NM TO RW23 1800" TO PROFILE LINE 4 - SDF ADDED TO PROCEDURE.
11. UPDATED PBN REQUIREMENTS NOTE: FROM "RNP APCH" TO "RNP APCH - GPS" - IAW 8260.19I 8-6-8.B.(2).
12. UPDATED CHART NOTE FROM "USE INDIANAPOLIS EXECUTIVE ALTIMETER SETTING" TO "USE INDIANAPOLIS EXEC ALTIMETER SETTING" - NOTE UPDATED TO MATCH AIRPORT NAME IN AIRNAV DATA.
13. REMOVED PLANVIEW NOTE "PROCEDURE NA FOR ARRIVAL ON OKK VORTAC AIRWAY RADIALS 187 CW 204" - OKK VORTAC REMOVED FROM PROCEDURE.
14. ADDED CHART INDIANAPOLIS EXEC AWOS-3PT TO ADDITIONAL FLIGHT DATA - IAW 8260.19I 8-2-4.B.(3).
15. UPDATED FAS OBSTACLE IN ADDITIONAL FLIGHT DATA FROM "1039 TREE 401106N/0861154W" TO "1049 TREE 401018N/0861229W" - NEW CONTROLLING OBSTACLES.
16. UPDATED ADDITIONAL FLIGHT DATA NOTE FROM "GOEAR TO RW23: 3.24/50" TO "GOEAR TO RW23: 3.00/50" - GOEAR MOVED 0.39 NM NE TO ALIGN WITH 3.00 VDA IAW 8260.3E 2-6-4.
17. UPDATED LNAV MDA/HAT FROM "1380/448" TO "1340/408" - FINAL REDESIGNED WITH SDF, NEW CONTROLLING OBSTACLE.
18. UPDATED LNAV CAT C VIS FROM "1 3/8" TO "1 1/8" - VIS ADJUSTED FOR NEW MDA IAW 8260.3E TABLE 3-3-1.
19. UPDATED CIRCLING CAT A CMDA/HAA FROM "1460/524" TO "1400/464" - XP ADJUSTMENT REMOVED FROM CONTROLLING OBSTACLE.
17. UPDATED CIRCLING CAT B CMDA/HAA FROM "1480/544" TO "1420/484" - XP ADJUSTMENT REMOVED FROM CONTROLLING OBSTACLE.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZAU ARTCC, ZID ARTCC, IND APP CON, AMGR

FLIGHT CHECKED BY

SCOTT WIEBE

Digitally signed by

JASON KRETSCHMER

Feb 09, 2022

OFFICE

FPO

DATE

02/08/2022

DEVELOPED BY

JASON KRETSCHMER (COLIN CAMPBELL)

Digitally signed by

JASON KRETSCHMER

Jan 07, 2022

OFFICE

AJV-A421

DATE

11/30/2021

APPROVED BY

MARLON ROBINSON

Digitally signed by

JASON KRETSCHMER

Jan 07, 2022

OFFICE

AJV-A420

DATE

TITLE
MANAGER

