

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (RNP) 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> KGYG	<u>PROCEDURE NAME</u> RNAV (RNP) Z RWY 30	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> GARY	<u>STATE</u> IN	
<u>AIRPORT ELEVATION</u> 597	<u>TDZE</u> 591	<u>SUPERSEDED</u> RNAV (RNP) Z RWY 30	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 08/20/2015	<u>MAG VAR</u> 2W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1990

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
HTDOG	IAF	EBGIN		TF	FB	1.00	027.98	8.08	2300
FEBAG	IAF	EBGIN		TF	FB	0.80	216.35	9.54	2300
EBGIN	IF	WASTU		TF	FB	0.80	306.28	6.12	2000
WASTU	PFAF	RW30	MAP	TF	FB	0.30	306.22	4.25	
RW30	MAP	HOSEN		TF	FB	0.30	306.17	1.00	
HOSEN		DANGE		RF	FB	1.00	(4.75 NM RADIUS CW (CFCFH))	6.76	
DANGE		KEGLE		TF	FO	1.00	027.66	3.76	2100

MISSED APPROACH

MAP:
RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2100 ON TRACK 306.17 TO HOSEN, RIGHT TURN TO DANGE, THEN TRACK 027.66 TO KEGLE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. REPLACE INITIAL SEGMENT "ALIME TO EBGIN" WITH "HTDOG TO EBGIN" IN TERMINAL ROUTES -- FPT REQUEST TO CONNECT TO LUCIT STAR.
2. CHANGED RNP VALUES IN SEGMENT FEBAG TO EBGIN FROM "0.30" TO "0.80" AND SEGMENT EBGIN TO WASTU FROM "0.13" TO "0.80" IN TERMINAL ROUTES -- FPT REQUEST.
3. CHANGED COURSE FROM RW30 TO HOSEN FROM "306.18" TO "306.17" AND CHANGED RNP VALUE FROM "0.15" TO "0.30" -- RECALCULATED COURSE IN TARGETS AND NEW RNP 0.30 MINIMA.
4. ADDED "PFAF: WASTU" TO PROFILE LINE 3 -- UPDATED IAW 8260.19I, 8-6-6.C(2).
5. CHANGED DISTANCE TO THLD FROM "OM" TO "PFAF" IN PROFILE LINE 5 -- UPDATED IAW 8260.19I, 8-6-7.E.
6. REMOVED "#" FROM TCH VALUE IN PROFILE LINE 7 AND ASSOCIATED NOTE "#TCH 646.0 MSL (DO NOT CHART)" FROM ADDITIONAL FLIGHT DATA -- NO LONGER REQUIRED IAW CURRENT CRITERIA.
7. ADDED "20:1 IS CLEAR" TO PROFILE LINE 7 -- CONFIRMED CLEAR BY TARGETS EVALUATION; 8260.19I, 8-6-7.G(3)(A).
8. REMOVED "CHART NOTE: RF AND GPS REQUIRED" AND ADDED "RNP AR APCH - GPS" TO PBN REQUIREMENTS NOTES -- UPDATED IAW 8260.19I, 8-6-8.B(1).
9. REMOVED FAHRENHEIT TEMPERATURES FROM UNCOMPENSATED BARO-VNAV NOTE -- UPDATED IAW 8260.19I, 8-6-9.R.
10. REMOVED "CHART PLANVIEW NOTE AT ALIME IAF: (RNP 0.13)", CHANGED NOTE AT FEBAG FROM "RNP 0.13" TO "RNP 0.80", AND ADDED "CHART PLANVIEW NOTE AT EBGIN: (RNP0.80) -- ALIME TO EBGIN REPLACED WITH HTDOG TO EBGIN (RNP 1.0) AND SEGMENTS FEBAG TO EBGIN AND EBGIN TO WASTU BUILT AT RNP 0.80 PER FPT; 8260.19I, 4-6-10.F.
11. ADDED CHART NOTE "FOR INOPERATIVE ALS, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 3/8 SM" -- INSUFFICIENT INCREASE FROM INOPERATIVE TABLE; 8260-19I, 8-6-11.O(3)(D).
12. REMOVED "CHART PLANVIEW NOTE: RADAR REQUIRED" -- RADAR NOT REQUIRED FOR PROCEDURE.
13. REMOVED "APPROACH TYPE" AND "ROUTE TYPE" NOTES IN ADDITIONAL FLIGHT DATA -- NO LONGER REQUIRED IAW CURRENT CRITERIA.
14. RAISED RNP 0.13 DA/HAT FROM "942/351" TO "976/385" AND CHANGED VISIBILITY ALL CATS FROM "5/8" TO "3500" -- NEW CONTROLLING OBSTACLE AND 8260.3D, TABLE 3-3-1.
15. ADDED RNP 0.30 LINE OF MINIMA -- FPT REQUEST.

3/26/2021: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 1/4/2021.

1. CHANGED HOSEN TO DANGE RNP VALUE FROM "0.30" TO "1.00" IN TERMINAL ROUTES.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZAU, CHICAGO APP CON, GYY ATCT, AMGR

FLIGHT CHECKED BY

PATRICK MURRAY

Digitally signed by

JASON KRETSCHMER

Apr 09, 2021

OFFICE

FICO

DATE

04/07/2021

DEVELOPED BY

JASON KRETSCHMER (DANIEL C JOHNSEN)

Digitally signed by

JASON KRETSCHMER

Mar 26, 2021

OFFICE

AJV-A421

DATE

01/04/2021

APPROVED BY

MARLON ROBINSON

Digitally signed by

JASON KRETSCHMER

Mar 26, 2021

OFFICE

AJV-A420

DATE

TITLE
MANAGER

