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.

PROCEDURE NAME ORIGINAL/AMENDMENT CITY STATE AIRPORT ID RNAV (RNP) Z RWY 30 2 **GARY** IN **KGYY AIRPORT ELEVATION TDZE SUPERSEDED ORIGINAL/AMENDMENT DATED MAG VAR EPOCH YEAR** 597 591 RNAV (RNP) Z RWY 30 1 08/20/2015 2W 1990 **FACILITY COORDINATES OF FACILITIES ACTUAL EFFECTIVE DATE** REQUIRED EFFECTIVE DATE CANCEL/SUSPEND

17 JUNE 2021

ROUTINE

TERMINAL ROUTES

RNAV

FROM	FIX TYPE	<u>TO</u>	FIX TYPE	LEG TYPE	FO/FB	RNP	<u>COURSE</u>	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:



AIRPORT ID RNAV (RNP) Z RWY 30 2 GARY IN

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. PROFILE STARTS AT EBGIN

3. FAC: 306.22 PFAF: WASTU DIST PFAF TO MAP: DIST PFAF TO THLD:

4. MIN ALT: EBGIN 2300, WASTU 2000

5. DIST TO THLD FROM PFAF: 4.25 MM: IM: 150 HAT: 385 HAT: 1.04 GS ANT:

6. MIN GP INCPT: 2000 **GP ALT AT PFAF**: WASTU 2000 **OM**: **MM**: **IM**:

7. GP ANGLE: 3.00 **34:1**: IS CLEAR **20:1**: IS CLEAR **TCH**: 56.8

8. MSA FROM: RW30 3400

PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -16°C OR ABOVE 54°C.

CHART PLANVIEW NOTE AT FEBAG: (RNP 0.80). CHART PLANVIEW NOTE AT EBGIN: (RNP 0.80).

CHART NOTE: MISSED APPROACH REQUIRES RNP LESS THAN 1.0.

FOR INOPERATIVE ALS, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD NE, LT, 220.01 INBOUND. CHART MANDATORY 4000 AT HTDOG.

MINIMUMS:

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

ALTERNATE: NA STANDARD

CATEGORY:		Α			В			С			D			E	
FINAL TYPE	DA/MDA	<u>VIS</u>	HAT/HAA	<u>DA/MDA</u>	<u>VIS</u>	HAT/HAA	DA/MDA	<u>VIS</u>	HAT/HAA	DA/MDA	<u>VIS</u>	HAT/HAA	DA/MDA	<u>VIS</u>	HAT/HAA
AUTHORIZATION REQUIRED															
RNP 0.13 DA	976	3500	385	976	3500	385	976	3500	385	976	3500	385			
RNP 0.30 DA	1098	5500	507	1098	5500	507	1098	5500	507	1098	5500	507			

 AIRPORT ID
 PROCEDURE NAME
 ORIGINAL/AMENDMENT
 CITY
 STATE

 KGYY
 RNAV (RNP) Z RWY 30
 2
 GARY
 IN

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, 8-6-11.0(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.

Mar 26, 2021

- 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 X 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	
<u>DEVELOPED BY</u> JASON KRETSCHMER (DANIEL C JOHNSEN)	Digitally signed by JASON KRETSCHMER	<u>OFFICE</u> AJV-A421	<u>DATE</u> 01/04/2021	
APPROVED BY MARLON ROBINSON	Mar 26, 2021 Digitally signed by JASON KRETSCHMER	<u>OFFICE</u> AJV-A420	<u>DATE</u>	<u>TITLE</u> MANAGER

