

**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</u> TUCKER-GUTHRIE MEMORIAL	<u>AIRPORT ID</u> I35	<u>PROCEDURE NAME</u> RNAV (GPS)-A	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> HARLAN	<u>STATE</u> KY	
<u>AIRPORT ELEVATION</u> 1564	<u>TDZE</u>	<u>SUPERSEDED</u> RNAV (GPS)-A	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 07/21/2016	<u>MAG VAR</u> 4W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 21 MAY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 340/30 CW 160/30	NOPT	340/4 CW 160/4		5700
2. 340/4 CW 160/4		WEVOR	IF/IAF	5100
3. 160/30 CW 340/30		160/4 CW 340/4		6200
4. 160/4 CW 340/4		WEVOR	IF/IAF	5400

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
WEVOR	IF/IAF	JEXIL		TF	FB	1.00	070.04	5.50	4000
JEXIL	FAF	ECGIG	MAP	TF	FO	0.30	070.10	5.60	
ECGIG	MAP	4200 MSL		CA			070.10		4200
4200 MSL		WEVOR		DF	FO	1.00			5100

MISSED APPROACH

MAP:
ECGIG

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4200 THEN CLIMBING RIGHT TURN TO 5100 DIRECT WEVOR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
21
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD W WEVOR, RT, 070.04 INBOUND, 5100 FT. IN LIEU OF PT (IF/IAF), MAX 6000.

3. FAC: 070.10

FAF: JEXIL

DIST FAF TO MAP: 5.60

DIST FAF TO THLD: 6.09

4. MIN ALT: WEVOR 5100, JEXIL 4000

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT:

6. MIN GP INCPT:

GP ALT AT FAF :

OM:

MM:

IM:

7. GP ANGLE:

34:1: IS NOT CLEAR

20:1: IS NOT CLEAR

TCH:

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA N OF RWY 8-26.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

JEXIL TO RW08: 3.77/40
CHART CIRCLING ICON.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 10 DEGREES.
FAS OBST: 2258 AAO 365045N/0832603W.
2763 AAO 364721N/0832815W.
FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD.

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A, B 1400-2, CAT C 1800-3; 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
CIRCLING	2920	1 1/4	1356	2920	1 1/2	1356	3360	3	1796		NA				



CHANGES - REASONS

1. LINE 2: ADDED MAX HOLDING 6000 AT H-I-L - PER 8260.19H PAR 8-6-7B.
2. LINE 3: DIST FAF TO THLD CHANGED FROM 6.08 TO 6.09 - PER TARGETS BUILD.
3. LINE 7: ADDED 34:1 AND 20:1 "IS NOT CLEAR" - NO AIRPORT SURVEY 34:1 AND 20:1 PENETRATIONS ASSUMED.
4. REMOVED CHART NOTE: DME/DME RNP-0.3 NA.
5. PBN REQUIREMENTS NOTES: ADDED RNP APCH - IAW PBN INSTRUMENT PROCEDURE DESIGN CRITERIA AND DOCUMENTATION REQUIREMENTS.
6. CHANGED CHART NOTE FROM CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED TO CHART NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED - PER 8260.19H PAR 8-6-11K
7. MOVED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MIDDLESBORO ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET TO THE BACK OF THE -9 - AIRPORT ON WMSCR.
8. CHANGED CAT A ALTERNATE MIN 1300-2 TO 1400-2 AND ADDED CAT B AND C ALTERNATE MINS - CAT A CIRCLING MINS INCREASED AND CAT B AND C CIRCLING MINS ADDED.
9. CAT A CIRCLING MDA/HAA CHANGED FROM 2840/1276 TO 2920/1356 - EXTENDED MISSED APPROACH EVALUATION (DUE TO ADDITION OF CATS B AND C) INCLUDED HIGHER MISSED APPROACH SLOPING SURFACE PENETRATION; MINS RAISED TO CLEAR PENETRATOR.
10. CAT B AND CAT C CIRCLING MINS ADDED - PER ATC REQUEST.
11. MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 4000 THEN CLIMBING RIGHT TURN TO 5100 DIRECT WEVOR AND HOLD" TO "CLIMB TO 4200 THEN CLIMBING RIGHT TURN TO 5100 DIRECT WEVOR AND HOLD" - ADDITIONAL ALTITUDE CLEARANCE REQUIRED FOR ADDED CAT B AND C MINS.

COORDINATED WITH:

A4A

☐

ALPA

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AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER:

ZID ARTCC, AMGR

FLIGHT CHECKED BY

JOHN KEARBY

Digitally signed by

DONALD H LANIER

Feb 25, 2020

OFFICE

FICO

DATE

2/19/2020

DEVELOPED BY

DONALD H. LANIER (TARA MARTINELLI)

Digitally signed by

DONALD H LANIER

OFFICE

AJV-A431

DATE

12/23/2019

APPROVED BY

GEORGE DAVIS

Feb 25, 2020

Digitally signed by

DONALD H LANIER

OFFICE

AJV-A430

DATE

TITLE

MANAGER

