

**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> 5M5	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> DECATUR	<u>STATE</u> AR		
<u>AIRPORT ELEVATION</u> 1178	<u>TDZE</u> 1178	<u>SUPERSEDED</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 11/04/2021	<u>MAG VAR</u> 3E	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 27 JANUARY 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES **THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 22-01.**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
PRYOR		EGOYI		TF	FB	1.00	061.10	28.56	3000
RZC VORTAC		HUMTI		TF	FO	1.00	297.48	28.02	3000
EGOYI	IAF	HUMTI	NOPT	TF	FB	1.00	041.31	5.00	3000
OSUYA	IAF	HUMTI	NOPT	TF	FB	1.00	221.39	5.00	3000
HUMTI	IF/IAF	RIROY		TF	FB	1.00	131.35	6.01	3000
RIROY	FAF	RW13	MAP	TF	FO	0.30	131.40	5.58	
RW13	MAP	1578 MSL		CA			131.40		
1578 MSL		HUMTI		DF	FO	1.00			3000

MISSED APPROACH

MAP:
LNAV: RW13

MISSED APPROACH INSTRUCTIONS:
CLIMBING LEFT TURN TO 3000 DIRECT HUMTI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD NW HUMTI, RT, 131.35 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 131.40FAF: RIROYDIST FAF TO MAP: 5.58DIST FAF TO THLD: 5.58

4. MIN ALT: HUMTI 3000, RIROY 3000

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 CLEAR20:1: IS NOT CLEARTCH:

8. MSA FROM: RW13 3400

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RZC VORTAC ON V13 SOUTHEAST BOUND.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: USE NORTHWEST ARKANSAS NTL ALTIMETER SETTING; IF NOT RECEIVED, USE JOPLIN REGIONAL ALTIMETER SETTING AND INCREASE ALL MDAS 120 FEET AND LNAV CAT C AND CIRCLING CAT B VISIBILITY 1/4 SM AND CIRCLING CAT C VISIBILITY 1/2 SM
CHART NOTE: CIRCLING NA FOR CAT C SW OF RWY 13-31
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PRYOR ON V14 SOUTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 1409 AAO 362018N/0942709W.
CHART 1740 TOWER (04-1932) 362554N/0943047W.
CHART CIRCLING ICON.
RIROY TO RW13: 3.05/40.

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	1720	1	542	1720	1	542	1720	1 5/8	542		NA				
CIRCLING	1820	1	642	1900	1	722	1940	2 1/4	762		NA				



CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED FEEDER SEGMENT FROM EOS VOR/DME TO OSUYA - PROJECT TASK (VORMON)
2. TERMINAL ROUTES: CHANGED CA LEG ALTITUDE FROM 1572 TO 1578 - USED AIRPORT ELEVATION PLUS 400 FT MINIMUM
3. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMBING LEFT TURN 3000 DIRECT HUMTI AND HOLD." TO "CLIMBING LEFT TURN TO 3000 DIRECT HUMTI AND HOLD" - 8260.19, 8-6-6. D. (11)
4. PROFILE LINE 2: ADDED MAX ALTITUDE 6000 - PROJECT TASK PER ATC/FPT
5. PROFILE LINE 7: ADDED 20:1 NOT CLEAR - 20:1 PENETRATIONS FOUND ON PERIODIC REVIEWS
6. PBN REQUIREMENTS NOTE: ADDED RNP APCH - GPS AND REMOVED CHART NOTE DME/DME RNP-0.3NA. - GPS - NEW CRITERIA
7. NOTES: CHANGED CHART NOTE FROM CIRCLING NA FOR C SW OF RWY 13-31 TO "CIRCLING NA FOR CAT C SW OF RWY 13-31" - NEW FORMAT
8. NOTES: CHANGED CHART PROFILE NOTE FROM "VGSI AND DESCENT ANGLES NOT COINCIDENT" TO "CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - NEW FORMAT
9. NOTES: CHANGED CHART NOTE FROM "RWY 13, 31 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - NEW FORMAT
10. NOTES: CHANGED CHART NOTE FROM "USE FAYETTEVILLE/NORTHWEST ARKANSAS REGIONAL ALTIMETER SETTING; IF NOT RECEIVED, USE JOPLIN REGIONAL ALTIMETER SETTING AND INCREASE ALL MDAS 120 FEET AND CIRCLING" TO "USE NORTHWEST ARKANSAS NTL ALTIMETER SETTING; IF NOT RECEIVED, USE JOPLIN REGIONAL ALTIMETER SETTING AND INCREASE ALL MDAS 120 FEET AND LNAV CAT C AND CIRCLING CAT B VISIBILITY 1/4 SM AND CIRCLING CAT C VISIBILITY 1/2 SM" - NEW FORMAT AND VISIBILITY CHECKS
11. ADDITIONAL FLIGHT DATA: ADDED CHART CIRCLING ICON - NEW CRITERIA
12. ADDITIONAL FLIGHT DATA: REMOVED 100 FROM FAS OBSTACLE TREE - NO LONGER REQUIRED
13. ADDITIONAL FLIGHT DATA: ADDED SURVEY NUMBER (04-1932) TO CHART TOWER 362554N/0943047W - NEW CRITERIA
14. LANDING MINIMUMS: LNAV CAT C VISIBILITY CHANGED FROM 1 1/2 TO 1 5/8 - NEW VIS CHECKS
15. LANDING MINIMUMS: CIRCLING CAT B MDA/HAA CHANGED FROM 1820/642 TO 1900/722 - NEW VIS CHECKS/NEW CIRCLING CRITERIA
16. LANDING MINIMUMS: CIRCLING CAT C MDA/HAA/VISIBILITY CHANGED FROM "1880/702/2" TO "1940/762/2 1/4" - NEW VIS CHECKS/NEW CIRCLING CRITERIA

12/17/21: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 09/17/21.

1. TERMINAL ROUTES: INTERMEDIATE SEGMENT HUMTI TO RIROY CHANGED RNP VALUE FROM 0.30 TO 1.00.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZME, AMGR

FLIGHT CHECKED BY

Processed IAW Technical Support Group (AJF-17) Memo dated, Subject: Guidance for Procedural Changes Requiring Flight Inspection/Validation

OFFICE**DATE**

Digitally signed by

JON DENTON

Dec 20, 2021

DEVELOPED BY

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Dec 17, 2021

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DATE

09/01/2021

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