

**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.

<b>AIRPORT ID</b> H35	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 9	<b>ORIGINAL/AMENDMENT</b> ORIG-D	<b>CITY</b> CLARKSVILLE	<b>STATE</b> AR
<b>AIRPORT ELEVATION</b> 481	<b>TDZE</b> 451	<b>SUPERSEDED</b> RNAV (GPS) RWY 9	<b>DATED</b> 02/25/2021	<b>MAG VAR</b> 4E
<b>FACILITY</b> RNAV	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b>	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>EPOCH YEAR</b> 1995
			<b>CANCEL/SUSPEND</b>	

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
CASKS		HIRAP		TF	FB	1.00	138.29	15.32	3900
SCRAN		MUSLE		TF	FO	1.00	334.05	10.99	4100
HIRAP	IAF	MUSLE	NOPT	TF	FB	1.00	180.62	5.00	3400
MUSLE	IF/IAF	NEEVA		TF	FB	1.00	090.62	5.00	2400
NEEVA	FAF	NOROW/3.12 NM TO RW09		TF	FB	0.30	090.68	2.78	
NOROW/3.12 NM TO RW09		RW09	MAP	TF	FO	0.30	090.68	3.12	
RW09	MAP	881 MSL		CA			090.68		
881 MSL		HARYY		DF	FO	1.00			3100

**MISSED APPROACH**

**MAP:**

LNAV: RW09

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3100 DIRECT HARYY AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD W MUSLE, RT, 090.62 INBOUND, 3400 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 090.68 FAF: NEEVA DIST FAF TO MAP: 5.90 DIST FAF TO THLD: 5.90
- MIN ALT: MUSLE 3400, NEEVA 2400, NOROW/3.12 NM TO RW09 1500
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: MM: IM:
- MIN GP INCPT: GP ALT AT FAF:
- GP ANGLE: 34:1: IS NOT CLEAR 20:1: IS NOT CLEAR TCH:
- MSA FROM: RW09 4000



**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

**ADDITIONAL FLIGHT DATA:**

HOLD E, RT, 270.89 INBOUND.  
CHART FAS OBST: 1032 TOWER 352938N/0933230W, 679 100' TREE 352839N/0932542W.  
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.

**MINIMUMS:**

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

ALTERNATE: NA

<b><u>CATEGORY:</u></b>	<b><u>A</u></b>			<b><u>B</u></b>			<b><u>C</u></b>			<b><u>D</u></b>			<b><u>E</u></b>			
	<b><u>FINAL TYPE</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>
LNAV MDA	1060	1	609	1060	1	609		NA			NA					
CIRCLING	1220	1	739	1240	1 1/4	759		NA			NA					

**CHANGES - REASONS**

1. DELETED INITIAL LEG DRANO TO MUSLE - PER ATC REQUEST DUE TO PENDING VOR RELOCATION AND AIRWAY V534 CANCELLATION.
2. CHANGED PBN EQUIPMENT NOTE FROM RNP APCH TO RNP APCH-GPS - PER 8260.19I 8-6-8
3. ADDED CHART NOTE 20:1 IS NOT CLEAR - REQUIRED PER PREVIOUSLY DOCUMENTED 20:1 PENETRATIONS
4. MINIMUMS REMOVED CAT C & D LNAV MINIMUMS - CLEARS FDC NOTAM 3/1485 CAT C & D WERE ADDED INCORRECTLY LAST AMDT, PROCEDURE IS CAT A & B ONLY
5. TERMINAL ROUTES CHANGED MUSLE TO NEEVA RNP FROM 0.50 TO 1.00 - CORRECTING CHARTING & DOCUMENTATION ERROR FROM PREVIOUS AMDT, RNP REQUIRED IS 1.00
6. CHANGED NOTE FROM "CHART NOTE VISUAL SEGMENT - OBSTACLES" TO "CHART PROFILE NOTE VISUAL SEGMENT - OBSTACLES" - UPDATING NOTE IAW 8260.19I 8-6-7
7. TERMINAL ROUTES FEEDER CASKS TO HIRAP RNP CHANGED FROM 2.00 TO 1.00 - CORRECTING CHARTING & DOCUMENTATION ERROR FROM PREVIOUS AMDT, RNP REQUIRED IS 1.00
8. TERMINAL ROUTES FEEDER SCRAN TO MUSLE RNP CHANGED FROM 2.00 TO 1.00 - CORRECTING CHARTING & DOCUMENTATION ERROR FROM PREVIOUS AMDT, RNP REQUIRED IS 1.00
9. MISSED APPROACH ADDED CA LEG - REQUIRED PER 8260.58C 3-5-2



**AIRPORT ID**  
H35

**PROCEDURE NAME**  
RNAV (GPS) RWY 9

**ORIGINAL/AMENDMENT**  
ORIG-D

**CITY**  
CLARKSVILLE

**STATE**  
AR

**COORDINATED WITH:**

A4A  ALPA  AOPA  APA  HAI  NBAA  OTHER:

**FLIGHT CHECKED BY**

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

**OFFICE**

**DATE**

**DEVELOPED BY**

CHARLES HIRST

**OFFICE**

AJV-A431

**DATE**

08/30/2023

**APPROVED BY**

ERIC N SUSKI

**OFFICE**

AJV-A431

**DATE**

**TITLE**  
MANAGER



**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u> H35	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 9	<u>AMDT NO.</u> ORIG-D	<u>CITY</u> CLARKSVILLE	<u>STATE</u> AR	<u>AIRPORT ELEVATION</u> 481	<u>FACILITY</u> RNAV
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**PART A: OBSTRUCTION DATA SEGMENTS**

**FEEDER**

**FROM** CASKS **TO** HIRAP

RNP 1.00      DISTANCE 15.32      PAT      MAP      HAT      HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
200 AAO	354524.00N/0935035.30W	2620	20	3	1A	1000					3700
TERRAIN	354524.00N/0935035.30W	2420 (2400)								AS1500	3900

**COMPUTATIONS**

ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE

**SEGMENT REMARKS:**

**FEEDER**

**FROM** SCRAN **TO** MUSLE

RNP 1.00      DISTANCE 10.99      PAT      MAP      HAT      HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
200' AAO	351603.00N/0933639.00W	1336	164	98	4E	1000				DG1764	4100
TERRAIN	351603.00N/0933639.00W	1136 (1100)								AS1500	2600

**COMPUTATIONS**

ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE

**SEGMENT REMARKS:**



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H35

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AR

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481

**FACILITY**  
RNAV

**INITIAL**

**FROM**  
HIRAP

**TO**  
MUSLE

**RNP**  
1.00

**DISTANCE**  
5.00

**PAT**

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
200' AAO	353346.00N/0934230.00W	2139	50	20	2C	1000					3200
TERRAIN	353346.00N/0934230.00W	1939 (1900)								AS1500	3400

**COMPUTATIONS**

**ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

**INTERMEDIATE**

**FROM**  
MUSLE

**TO**  
NEEVA

**RNP**  
1.00

**DISTANCE**  
5.00

**PAT**

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
200' AAO	353433.00N/0934003.00W	2021	164	98	4E	500				SA-328 AC98	2300
TERRAIN	353309.00N/0933921.00W	854 (900)								AS1500	2400

**COMPUTATIONS**

**ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**



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481

**FACILITY**  
RNAV

**FINAL: LNAV**

**FROM**  
NEEVA

**TO**  
NOROW/3.12 NM TO RW09

RNP  
0.30

DISTANCE  
2.78

PAT

MAP

HAT

HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (04-0683)	352938.00N/0933230.00W	1032	100	20	3C	250				RA59 DG159	1500

**COMPUTATIONS**

ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE

**SEGMENT REMARKS:**

**FINAL: LNAV STEPDOWN**

**FROM**  
NOROW/3.12 NM TO RW09

**TO**  
RW09

RNP  
0.30

DISTANCE  
3.12

PAT

MAP  
RW09

HAT  
609

HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
100' TREE	352839.00N/0932542.00W	679	50	20	2C	250				RA59 MA53	1060

**COMPUTATIONS**

ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE

**SEGMENT REMARKS:**



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RNAV (GPS) RWY 9

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481

**FACILITY**  
RNAV

**HOLD-IN-LIEU OF PT**

**FROM**  
MUSLE **TO**  
P-5

RNP DISTANCE PAT MAP HAT HMAS  
P-5

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
200' AAO	353315.00N/0934409.00W	1598	164	98	4E	1000				AT802	3400
TERRAIN	353315.00N/0934409.00W	1398 (1400)								AS1500	2900

**COMPUTATIONS**

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

**SEGMENT REMARKS:**

**MISSED APPROACH: LNAV**

**FROM**  
RW09 **TO**  
HARYY

RNP DISTANCE PAT MAP HAT HMAS  
0.30-1.00 750

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
100' TREE	352924.00N/0932424.00W	879	50	20	2C		ASC				3100
200' AAO	352712.20N/0931426.30W	1360	20	3	1A	1000					2400
TERRAIN	352724.00N/0931418.00W	1129 (1100)								AS1500	2600

**COMPUTATIONS**

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

**SEGMENT REMARKS:**







**AIRPORT ID**  
H35

**PROCEDURE NAME**  
RNAV (GPS) RWY 9

**AMDT NO.**  
ORIG-D

**CITY**  
CLARKSVILLE

**STATE**  
AR

**AIRPORT ELEVATION**  
481

**FACILITY**  
RNAV

**PART B: SUPPLEMENTAL DATA**

**COMMUNICATIONS WITH**

ZME ARTCC, MEM APP CON

**WX SERVICE**  
ASOS

**LOCATION**  
RUE

**HRS OPERATION**  
24

**ALTIMETER SOURCE**  
RUE

**DISTANCE**  
20.70

**SERVICE-A**  
Y

**ADJUSTMENTS**  
58.5

**BACK-UP WX SERVICE**  
ASOS

**LOCATION**  
FSM

**HRS OPERATION**  
24

**ALTIMETER SOURCE**  
FSM

**DISTANCE**  
46.71

**SERVICE-A**  
Y

**ADJUSTMENTS**  
112.5

**WX REMARKS:**

**PRIMARY NAVAID**

**MONITOR POINT**

**HRS OPERATION**

**CAT**

<b>APPROACH AND RUNWAY LIGHTING SYSTEM</b>	<b>RUNWAY MARKINGS</b>	<b>RUNWAY VISUAL RANGE</b>
RW09 - MIRL, PAPI-2L	NPI-G	
RW27 - MIRL, PAPI-2L	NPI-G	

**GLIDESLOPE ANGLE**

**ELEV RWY THRESHOLD**

**TCH**

**ELEV GS ANTENNA**

**DISTANCE FROM RWY**

**VGSI ANGLE**  
4.00

**TCH**  
86.0

**FINAL APPROACH COURSE AIMING**

RUNWAY THRESHOLD  
ON CENTERLINE

FT FROM THRESHOLD  
FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE

**CRITICAL TEMPERATURES**

**CRITICAL LOW**

**CRITICAL HIGH**

**ACT**

**APT ISA**

**CRITICAL TEMPERATURE REMARKS:**



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AR

**AIRPORT ELEVATION**  
481

**FACILITY**  
RNAV

**"VISUAL PORTION OF FINAL" PENETRATIONS**

FINAL TYPE	LNAV
20:1	
TERRAIN 352815.00N-0932609.00W 457.00 34:1: 4.24, 20:1: 1.61	TERRAIN 352818.00N-0932609.00W 460.00 34:1: 6.51, 20:1: 3.36
TERRAIN 352821.00N-0932624.00W 522.00 34:1: 31.42, 20:1: 2.31	
FINAL TYPE	LNAV
34:1	
TERRAIN 352815.00N-0932609.00W 457.00 34:1: 4.24, 20:1: 1.61	TERRAIN 352818.00N-0932609.00W 460.00 34:1: 6.51, 20:1: 3.36
TERRAIN 352821.00N-0932624.00W 522.00 34:1: 31.42, 20:1: 2.31	TERRAIN 352821.00N-0932627.00W 525.00 34:1: 27.15
TERRAIN 352821.00N-0932630.00W 529.00 34:1: 23.88	TERRAIN 352821.00N-0932633.00W 532.00 34:1: 19.61
TERRAIN 352821.00N-0932636.00W 525.00 34:1: 5.34	
<b>PENETRATIONS REMARKS:</b>	

**HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS**

and/or

**5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS**

<b>PENETRATIONS REMARKS:</b>

**PART C: GENERAL REMARKS:**

VDP NOT ESTABLISHED - REMOTE ALTIMETER IN USE.

TAA NOT BUILT PER ZME AIR TRAFFIC REQUEST.  
LPV AND LNAV/VNAV NA DUE TO SURVEY REQUIREMENTS

**PART E: PREPARED BY**

**NAME**  
CHARLES HIRST

**OFFICE**  
AJV-A431

**DATE**  
08/30/2023

**TITLE**  
AERONAUTICAL INFORMATION SPECIALIST

