

**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> SIF	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 31	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> REIDSVILLE	<u>STATE</u> NC
<u>AIRPORT ELEVATION</u> 694	<u>TDZE</u> 668	<u>SUPERSEDED</u> RNAV (GPS) RWY 31	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 05/20/2021
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 31 OCTOBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 7W
				<u>EPOCH YEAR</u> 1990
				<u>CANCEL/SUSPEND</u>

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 222/30 CW 042/30	NOPT	222/15 CW 042/15		4700
2. 222/15 CW 042/15		VERMS	IF/IAF	3600
3. 042/30 CW 132/30		WADAG	IAF	5100
4. 132/30 CW 222/30		TAJKY	IAF	4300

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
TAJKY	IAF	VERMS	NOPT	TF	FB	1.00	221.73	7.00	3600
WADAG	IAF	VERMS	NOPT	TF	FB	1.00	041.63	7.00	3600
VERMS	IF/IAF	KLUTE		TF	FB	1.00	311.67	6.69	2400
KLUTE	FAF	PEWFE/1.86 NM TO RW31		TF	FB	0.30	311.64	2.69	
PEWFE/1.86 NM TO RW31		RW31	MAP	TF	FO	0.30	311.64	1.86	
RW31	MAP	1080 MSL		CA			311.64		
1080 MSL		GWYYN		DF	FO	1.00			3500

MISSED APPROACH

MAP:

LNAV: RW31

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 DIRECT GWYYN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD SE VERMS, RT, 311.68 INBOUND, 3600 FT. IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	311.64	FAF:	KLUTE	DIST FAF TO MAP:	4.55	DIST FAF TO THLD:	4.55							
4.	MIN ALT:	VERMS 3600, KLUTE 2400, PEWFE/1.86 NM TO RW31 1400													
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 CLEAR	TCH:								
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: VDP NA WHEN USING GSO ALTIMETER SETTING.
CHART NOTE: RWY 31 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

KLUTE TO RW31: 3.50/40

HOLD NW, RT, 131.45 INBOUND.
CHART FAS OBST: 789 TREE 362554N/0795109W.
CHART VDP AT 0.90 NM TO RW31.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/2, 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
LNAV MDA	1080	1	412	1080	1	412	1080	1 1/8	412	1080	1 1/8	412			
CIRCLING	1280	1	586	1340	1	646	1360	1 3/4	666	1440	2 1/2	746			



AIRPORT ID SIF	PROCEDURE NAME RNAV (GPS) RWY 31	ORIGINAL/AMENDMENT 1	CITY REIDSVILLE	STATE NC
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CHANGES - REASONS

1. TAA: "042/30 CW 132/30 TO WADAG" CHANGED FROM "4800" TO "5100" - NEW CONTROLLING OBSTACLE.
2. TERMINAL ROUTES: "TAKY TO VERMS" COURSE/DISTANCE CHANGED FROM "221.71/5.00" TO "221.73/7.00" - IAW IFP REQUEST FORM.
3. TERMINAL ROUTES: "WADAG TO VERMS" COURSE/DISTANCE CHANGED FROM "041.65/5.00" TO "041.63/7.00" - IAW IFP REQUEST FORM.
4. TERMINAL ROUTES: "VERMS TO KLUTE" COURSE/DISTANCE CHANGED FROM "311.68/6.00" TO "311.67/6.69" - IAW IFP REQUEST FORM.
5. TERMINAL ROUTES: CHANGED FROM "KLUTE TO PEWFE/2.20 NM TO RW31" TO "KLUTE TO PEWFE/1.86 NM TO RW31" AND COURSE/DISTANCE CHANGED FROM "311.62/3.14" TO "311.61/2.69" - FAF/STEPDOWN LOCATION CHANGED IAW 8260.3E.
6. TERMINAL ROUTES: CHANGED FROM "PEWFE/2.20 NM TO RW31 TO RW31" TO "PEWFE/1.86 NM TO RW31 TO RW31" AND COURSE/DISTANCE CHANGED FROM "311.62/2.20" TO "311.61/1.86" - FAF/STEPDOWN LOCATION CHANGED IAW 8260.3E.
7. TERMINAL ROUTES: ADDED CA LEG FROM "RW31 TO 1080 MSL" - IAW 8260.58C.
8. TERMINAL ROUTES: DF LEG CHANGED FROM "RW31 TO GWYYN" TO "1080 MSL TO GWYYN" - IAW 8260.58C.
9. PROFILE LINE 3: FAC CHANGED FROM "311.62" TO "311.64" AND DIST FAF TO MAP/DIST FAF TO THLD CHANGED FROM "5.24" TO "4.55" - NEW FAF LOCATION.
10. PROFILE LINE 4: CHANGED FROM "VERMS 3600, KLUTE 2400, PEWFE/2.20 NM TO RW31 1400" TO "VERMS 3600, KLUTE 2400, PEWFE/1.86 NM TO RW31 1400" - NEW STEPDOWN LOCATION.
11. PROFILE LINE 7: CHANGED 20:1 FROM "IS NOT CLEAR" TO "IS CLEAR" - NEW EVALUATION PERFORMED.
12. PBN REQUIREMENT NOTES: REMOVED "A-RNP AND RNP APCH" TO "RNP APCH-GPS" - IAW 8260.19J.
13. NOTES: REMOVED "CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - VGSI AND DESCENT ANGLES ARE COINCIDENT.
14. NOTES: CHANGED "CHART NOTE: RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "CHART NOTE: RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - 20:1 PENETRATIONS NO LONGER EXIST AND IAW 8260.19J.
15. NOTES: ADDED "CHART NOTE: VDP NA WHEN USING GSO ALTIMETER SETTING" - IAW 8260.19J.
16. ADDITIONAL FLIGHT DATA: CHANGED " KLUTE TO RW31: 3.04/40" TO "KLUTE TO RW31: 3.50/40" - VDA/TCH CHANGED IAW IFP REQUEST FORM.
17. ADDITIONAL FLIGHT DATA: UPDATED AND MOVED 7:1 OBSTACLE TO PART C - NEW EVALUATION PERFORMED AND IAW 8260.19J.
18. ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 0.90 NM TO RW31" - IAW 8260.19J.
19. MINIMUMS: ALTERNATE NOTE CHANGED FROM "CAT D 800-2 1/4" TO " CAT D 800-2 1/2" - IAW 8260.3E.
20. MINIMUMS: LNAV MDA/HAT CATS A-D CHANGED FROM "1060/392" TO "1080/412" - NEW EVALUATION PERFORMED, NEW CONTROLLING OBSTACLES.
21. MINIMUMS: CIRCLING DA/HAA CAT B CHANGED FROM "1320/626" TO "1340/626" AND CAT D CHANGED FROM "1420/726" TO "1440/746" - NEW EVALUATION PERFORMED, NEW CONTROLLING OBSTACLES.

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: GSO APP CON, AMGR

FLIGHT CHECKED BY

MICHAEL G CAMPBELL

Digitally signed by

RAKE MCGRAW

Aug 27, 2024

OFFICE

FPO

DATE

08/21/2024

DEVELOPED BY

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Jun 25, 2024

OFFICE

AJV-A422

DATE

06/25/2024

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Aug 27, 2024

OFFICE

AJV-A422

DATE

TITLE

MANAGER

