

**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><u>AIRPORT ID</u></b> SIF	<b><u>PROCEDURE NAME</u></b> RNAV (GPS) RWY 13	<b><u>ORIGINAL/AMENDMENT</u></b> 1	<b><u>CITY</u></b> REIDSVILLE	<b><u>STATE</u></b> NC
<b><u>AIRPORT ELEVATION</u></b> 694	<b><u>TDZE</u></b> 686	<b><u>SUPERSEDED</u></b> RNAV (GPS) RWY 13	<b><u>ORIGINAL/AMENDMENT</u></b> ORIG-B	<b><u>DATED</u></b> 05/20/2021
<b><u>FACILITY</u></b> RNAV	<b><u>COORDINATES OF FACILITIES</u></b>	<b><u>ACTUAL EFFECTIVE DATE</u></b> 31 OCTOBER 2024	<b><u>REQUIRED EFFECTIVE DATE</u></b> ROUTINE	<b><u>MAG VAR</u></b> 7W
				<b><u>EPOCH YEAR</u></b> 1990
				<b><u>CANCEL/SUSPEND</u></b>

**TAA**

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 041/30 CW 221/30	NOPT	041/5 CW 221/5		6200
2. 041/5 CW 221/5		GWYYN	IF/IAF	3700
3. 221/30 CW 311/30		HOOTE	IAF	4300
4. 311/30 CW 041/30		BOOYD	IAF	4800

**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>
HOOTE	IAF	GWYYN	NOPT	TF	FB	1.00	221.50	7.00	3700
BOOYD	IAF	GWYYN	NOPT	TF	FB	1.00	041.40	7.00	3700
GWYYN	IF/IAF	DIZZL		TF	FB	1.00	131.44	7.03	2700
DIZZL	FAF	RW13	MAP	TF	FO	0.30	131.53	5.30	
RW13	MAP	1094 MSL		CA			131.53		
1094 MSL		VERMS		DF	FO	1.00			3600

**MISSED APPROACH**

**MAP:**

LNAV: RW13

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3600 DIRECT VERMS AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)										
2.	HOLD NW GWYYN, RT, 131.45 INBOUND, 3700 FT. IN LIEU OF PT (IAF), MAX 6000.															
3.	FAC:	131.53	FAF:	DIZZL	DIST FAF TO MAP:	5.30	DIST FAF TO THLD:	5.30								
4.	MIN ALT:	GWYYN 3700, DIZZL 2700														
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 13 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

DIZZL TO RW13: 3.50/45

HOLD SE, RT, 311.68 INBOUND.  
FAS OBST: 1120 AAO 362857N/0795552W.  
CHART VDP AT 1.64 NM TO RW13.

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	1380	1	694	1380	1	694	1380	2	694	1380	2	694			
CIRCLING	1380	1	686	1380	1	686	1380	2	686	1440	2 1/2	746			

CHANGES - REASONS

1. TAA: FROM "041/30 CW 221/30 TO 041/5 CW 221/5" ALTITUDE CHANGED FROM "5600" TO "6200" - NEW CONTROLLING OBSTACLE.
2. TAA: FROM "041/5 CW 221/5 TO GWYYN" ALTITUDE CHANGED FROM "3500" TO "3700" - DG EXCEEDED 500FT/NM, INCREASED IAW 8260.58C 2-4-3.C(1).
3. TERMINAL ROUTES: "HOOTE TO GWYYN" COURSE/DISTANCE CHANGED FROM "221.48/5.00" TO "221.50/7.00" AND ALTITUDE INCREASED FROM "3500" TO "3700" - IAW IFP REQUEST FORM AND ALTITUDE INCREASED DUE TO TAA STEPDOWN INCREASING TO 3700.
4. TERMINAL ROUTES: "BOOYD TO GWYYN" COURSE/DISTANCE CHANGED FROM "041.42/5.00" TO "041.40/7.00" AND ALTITUDE INCREASED FROM "3500" TO "3700" - IAW IFP REQUEST FORM AND ALTITUDE INCREASED DUE TO TAA STEPDOWN INCREASING TO 3700.
5. TERMINAL ROUTES: "GWYYN TO DIZZL" COURSE/DISTANCE CHANGED FROM "131.45/6.20" TO "131.44/7.03" NEW PFAF LOCATION IAW 8260.3E.
6. PROFILE LINE 2: CHANGED FROM "HOLD NW GWYYN, RT, 131.45 INBOUND, 3500 FT. IN LIEU OF PT (LAF)" TO "HOLD NW GWYYN, RT, 131.45 INBOUND, 3700 FT. IN LIEU OF PT (IAF), MAX 6000" ALTITUDE INCREASED DUE TO TAA STEPDOWN INCREASING TO 3700.
7. PROFILE LINE 3: FAC CHANGED FROM "131.51" TO "131.53" AND DIST FAF TO MAP/DIST FAF TO THLD CHANGED FROM "6.08" TO "5.30" - NEW FAF LOCATION.
8. PROFILE LINE 4: MIN ALT CHANGED FROM "GWYYN 3500, DIZZL 2700" TO "GWYYN 3700, DIZZL 2700" - ALTITUDE INCREASED DUE TO TAA STEPDOWN INCREASING TO 3700.
9. PROFILE LINE 7: ADDED "20:1: IS CLEAR" - NEW EVALUATION PERFORMED.
10. PBN REQUIREMENTS NOTE: CHANGED FROM "RNP APCH" TO "RNP APCH - GPS" - IAW 8260.19J.
11. NOTES: CHANGED FROM "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.
12. NOTES: ADDED "CHART NOTE: VDP NA WHEN USING GSO ALTIMETER SETTING" - 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: REMOVED "CHART NOTE: PROCEDURE NA AT NIGHT" - 20:1 PENETRATIONS NO LONGER EXIST.
15. ADDITIONAL FLIGHT DATA: CHANGED FROM "DIZZL TO RW13: 3.06/33" TO "DIZZL TO RW13: 3.50/45" - VDA/TCH CHANGED IAW IFP REQUEST FORM.
16. ADDITIONAL FLIGHT DATA: CHANGED FROM " 1046 TOWER (37-003259) 362755N/0795528W" TO "1120 TREE 362857N/0795552W" - NEW EVALUATION PERFORMED.
17. ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 1.64 NM TO RW13" - IAW 8260.19J.
18. MINIMUMS: ALTERNATE NOTE CHANGED FROM "CAT D 800-2 1/4" TO " CAT D 800-2 1/2" -
19. MINIMUMS: LNAV CATS A-D MDA/HAT CHANGED FROM "1300/609" TO "1380/694" AND CAT C VISIBILITY CHANGED FROM "1 3/4" TO "2" - NEW EVALUATION PERFORMED, NEW CONTROLLING OBSTACLES.
20. MINIMUMS: CIRCLING CAT A DA/HAA CHANGED FROM "1300/606" TO "1380/686", CAT B DA/HAA CHANGED FROM "1320/626" TO "1380/686", CAT C DA/HAA CHANGED FROM "1360/666" TO "1380/686", CAT D DA/HAA CHANGED FROM "1420/726" TO "1440/746" AND CAT C VISIBILITY CHANGED FROM "1 3/4" TO "2" AND CAT D VISIBILITY CHANGED FROM "2 1/4" TO "2 1/2" - 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

BRITNEY ARMENTROUT

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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

