

**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> 9S2	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 12	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> SCOBEEY	<u>STATE</u> MT
<u>AIRPORT ELEVATION</u> 2434	<u>TDZE</u> 2426	<u>SUPERSEDED</u> RNAV (GPS) RWY 12	<u>DATED</u> 05/20/2021	<u>MAG VAR</u> 12E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2000
			<u>CANCEL/SUSPEND</u>	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
GGW VOR/DME		NIJBU		TF	FB	1.00	031.60	51.37	4500
ISN VOR/DME		ROGUU		TF	FB	1.00	279.81	76.99	6000
ROGUU		NIJBU		TF	FB	1.00	301.93	10.00	4500
NIJBU	IAF	GEMPE		TF	FB	1.00	031.75	7.00	4500
GEMPE	IF	DOGNE		TF	FB	1.00	121.82	5.01	3700
DOGNE	FAF	CATMO/2.29 NM TO RW12		TF	FB	0.30	121.91	1.70	
CATMO/2.29 NM TO RW12		RW12	MAP	TF	FO	0.30	121.91	2.29	
RW12	MAP	2900 MSL		CA			121.91		2900
2900 MSL		NIJBU		DF	FO	1.00			4500

MISSED APPROACH

MAP:

LNAV: RW12

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2900 THEN CLIMBING RIGHT TURN TO 4500 DIRECT NIJBU AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
1. PT
2. PROFILE STARTS AT GEMPE
3. FAC: 121.91 FAF: DOGNE DIST FAF TO MAP: 3.99 DIST FAF TO THLD: 3.99
4. MIN ALT: GEMPE 4500, DOGNE 3700, CATMO/2.29 NM TO RW12 3160
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: OM: MM: IM:
6. MIN GP INCPT: GP ALT AT FAF:
7. GP ANGLE: 34:1 IS CLEAR 20:1 IS CLEAR TCH:
8. MSA FROM: RW12 5400

QUALITY
35
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: VDP NA WHEN USING PWD ALTIMETER SETTING.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING RWY 30 NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PWD ALTIMETER SETTING AND INCREASE ALL MDAS 120 FEET

ADDITIONAL FLIGHT DATA:

DOGNE TO RW12: 3.00/40
HOLD SW, RT, 031.75 INBOUND.
CHART FAS OBST: 2482 TREE 485003N/1052924W.
CHART 2508 TREE 485021N/1052945W.
CHART VDP AT 1.02 NM TO RW12.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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	2740	1	314	2740	1	314		NA			NA				
CIRCLING	2940	1	506	2940	1	506		NA			NA				



CHANGES - REASONS

1. TERMINAL ROUTES: GGW VOR/DME TO NIJBU ALTITUDE CHANGED FROM "6000" TO "4500" AND DISTANCE CHANGED FROM "53.38" TO "51.37"- ALTITUDE CHANGED PER IFP REQUEST FORM AND DISTANCE CHANGED PER NEW NIJBU COORDINATES.
2. TERMINAL ROUTES: ISN VOR/DME TO ROGUU COURSE/DISTANCE CHANGED FROM "281.19/76.22" TO "279.81/76.99" - NEW ROGUU COORDINATES PER IFP REQUEST FORM.
3. TERMINAL ROUTES: ROGUU TO NIJBU ALTITUDE CHANGED FROM "6000" TO "4500" AND COURSE CHANGED FROM "301.96" TO "301.93"- PER IFP REQUEST FORM.
4. TERMINAL ROUTES: NIJBU TO GEMPE DISTANCE "5.00" TO "7.00" - NEW NIJBU COORDINATES PER FPT REQUEST FORM.
5. TERMINAL ROUTES: GEMPE TO DOGNE DISTANCE CHANGED FROM "5.00" TO "5.01" - NEW DOGNE COORDINATES PER IFP REQUEST FORM.
6. TERMINAL ROUTES: ADDED STEPDOWN FIX FROM DOGNE TO CATMO/2.29NM TO RW12 - PER IFP REQUEST FORM.
7. TERMINAL ROUTES: CA/DF LEG CHANGED FROM "3600 MSL" TO "2900 MSL" - IAW 8260.58C AND IFP REQUEST FORM.
8. MISSED APPROACH: CHANGED FROM "CLIMB TO 3600 THEN CLIMBING RIGHT TURN TO 6000 DIRECT NIJBU AND HOLD" TO "CLIMB TO 2900 THEN CLIMBING RIGHT TURN TO 4500 DIRECT NIJBU AND HOLD" - INSTRUCTIONS CHANGED IAW IFP REQUEST FORM AND IAW 8260.58C.
9. PROFILE LINE 3: FAC CHANGED FROM "121.90" TO "121.91", ADDED DIST FAF TO MAP: 3.99 AND DIST FAF TO THLD CHANGED FROM "4.00" TO "3.99" - NEW DOGNE COORDINATES IAW IFP REQUEST FORM.
10. PROFILE LINE 4: CHANGED FROM "GEMPE 4500, DOGNE 3700" TO "GEMPE 4500, DOGNE 3700, CATMO/2.29 NM TO RW12 3160, RW12 2740" - STEPDOWN FIX ADDED IAW IFP REQUEST FORM
11. PROFILE LINE 7: ADDED "20:1 IS CLEAR" - IAW 8260.19J 8-6-7.G(3)(A).
12. PROFILE LINE 8: MSA CHANGED FROM "4500" TO "5400" - NEW CONTROLLING OBSTACLE.
13. PBN REQUIREMENTS NOTES: ADDED RNP APCH - GPS" - IAW 8260.19J.
14. DELETED "DME/DME RNP-0.3 NA - IAW 8260.19J.
15. NOTES: REMOVED "CHART NOTE: USE WOLF POINT ALTIMETER SETTING; WHEN NOT RECEIVED PROCEDURE NOT AUTHORIZED" - NEW ALTIMETER ADDED IAW NEW AIRNAV DATA.
16. NOTES: ADDED "CHART NOTE: VDP NA WHEN USING PWD ALTIMETER SETTING" - NEW ALTIMETER ADDED IAW NEW AIRNAV DATA.
17. NOTES: ADDED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PWD ALTIMETER SETTING AND INCREASE ALL MDAS 120 FEET" - NEW ALTIMETER ADDED IAW NEW AIRNAV DATA.
18. NOTES: ADDED "CHART NOTE: CIRCLING RWY 30 NA AT NIGHT" - 20:1 PENETRATIONS.
19. NOTES: REMOVED "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA" - NO LONGER STRAIGHT IN 20:1 PENETRATIONS.
20. ADDITIONAL FLIGHT DATA: FAS OBSTACLE CHANGED FROM "2669 TREES 485143/1053058" TO "CHART FAS OBST: 2482 TREE 485003N/1052924W"
21. ADDITIONAL FLIGHT DATA: ADDED 7:1 OBSTACLE "CHART 2508 TREE 485021N/1052945W" - 7:1 TAKEN AT NEW STEPDOWN LOCATION.
22. ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 1.02 NM TO RW12" - IAW 8260.19J 8-6-11.M.
23. MINIMUMS: LNAV MDA/HAT CHANGED FROM "3100/674" TO "2740/314" - STEPDOWN FIX ADDED IAW FPT REQUEST AND ADDITION OF LOCAL ALTIMETER SETTING.
24. MINIMUMS: CIRCLING CMDA/HAT CHANGED FROM "CAT A 3100/666 AND CAT B 3160/726" TO "2940/506" - NO LONGER STRAIGHT IN CONTROLLED WITH STEPDOWN FIX ADDITION.
25. MINIMUMS: ADDED "STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" - ADDED IAW 8260.19J 8-6-12 AND UPDATED AIRNAV DATA.

6/25/2025: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 04/28/2025.
1. TERMINAL ROUTES: GEMPE TO DOGNE RNP VALUE CHANGED FROM 0.30 TO 1.00.

COORDINATED WITH:

A4A

ALPA

☒

AOPA

☒

APA

HAI

NBAA

☒

OTHER: ZLC, AMGR, GTF FSS

FLIGHT CHECKED BY
HANNAH MARION WIESNESKI

Digitally signed by

RAKE MCGRAW

Jun 26, 2025

OFFICE

FIOG

DATE

05/22/2025

DEVELOPED BY
BRITNEY ARMENTROUT

Digitally signed by

RAKE MCGRAW

Jun 26, 2025

OFFICE

AJV-A422

DATE

04/23/2025

APPROVED BY
RAKE MCGRAW

Digitally signed by

RAKE MCGRAW

Jun 26, 2025

OFFICE

AJV-A422

DATE

TITLE

MANAGER



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

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
9S2	RNAV (GPS) RWY 12	1	SCOBey	MT	2434	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM GGW VOR/DME **TO** NIJBU

RNP 1.00 DISTANCE 51.37 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>
AAO	481227.00N/1063121.00W	2494	215	8	4B	2000					4500
TERRAIN	483424.00N/1060248.00W	3041 (3000)								AS1500	4500

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER

FROM ISN VOR/DME **TO** ROGUU

RNP 1.00 DISTANCE 76.99 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>
AAO	483706.00N/1051639.00W	2983	215	8	4B	1000				AT2017	6000
TERRAIN	483703.00N/1051648.00W	2782 (2800)								AS1500	4300

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
35
CHECKED

FEEDER

FROM

ROGUU

TO

NIJBU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	10.00				

<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>
AAO	484933.00N/1054600.00W	3038	215	8	4B	1000				AT462	4500
TERRAIN	484930.00N/1054600.00W	2837 (2800)								AS1500	4300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

NIJBU

TO

GEMPE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	7.00				

<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>
AAO	484933.00N/1054600.00W	3038	215	8	4B	1000				AT462	4500
TERRAIN	484954.00N/1054654.00W	2814 (2800)								AS1500	4300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM

GEMPE

TO

DOGNE

RNP

1.00

DISTANCE

5.01

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	485242.00N/1053621.00W	2924	215	8	4B	500					3500
TERRAIN	485239.00N/1053621.00W	2723 (2700)								AS1000	3700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

DOGNE

TO

CATMO/2.29 NM TO RW12

RNP

0.30

DISTANCE

1.70

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	485109.00N/1053045.00W	2773	215	8	4B	250				RA120	3160

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM

CATMO/2.29 NM TO RW12

TO

RW12

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	2.29		RW12				314				
<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>
TREE	485003.00N/1052924.00W	2482	215	8	4B	250					2740

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW12

TO

NIJBU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30-1.00										2640	
<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>
							ASC				4500
AAO	484912.00N/1054512.00W	3035	215	8	4B	1000					4100
TERRAIN	484900.00N/1054433.00W	2808 (2800)								AS1500	4300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☐ CAT C

☐ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
WATER_TOWER (30-030643)	484715.81N/1052458.04W	1.33	506	2626	20	3	1A	300			2940
CATEGORY B											
TANK (30-027877)	484725.17N/1052403.65W	1.89	506	2627	20	3	1A	300			2940

CIRCLING REMARKS:



MSA

CENTER

RW12

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (CA-001007)	490909.00N/1055635.00W	304	28.4	3394	6000	1000	8H	1000		AC1000	5400

MSA REMARKS:

8H accuracy values used per TARGETS evaluation for AC adjustment.

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZLC ARTCC, GTF FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3PT	9S2	24	9S2	0.14	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3PT	PWD	24	PWD	36.34	Y	109

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
9S2 2434, PWD 2257
RA = 108.4.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW12 - MIRL (PCL), PAPI-2L (PCL)		BSC-G	
RW30 - MIRL (PCL), PAPI-2L (PCL)		BSC-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
					3.00	25.1

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☒	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 30
20:1	
2449 TRAVERSE_WAY (30-058497) 484812.7400N/1052553.7400W (3.61)	2452 TRAVERSE_WAY (30-027872) 484809.1700N/1052557.1700W (2.31)
2452 TRAVERSE_WAY (30-058498) 484811.3600N/1052553.7500W (1.78)	

PENETRATIONS REMARKS:



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

ORDER 8260.3 CHAPTER 2 APPLIED TO 2805 AAO 485142N/1053118W.
50FT VEGETATION HEIGHT PER FPT.
ORDER 8260.3 CHAPTER 2 APPLIED TO 2508 TREE 485021.00N/1052945.00W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.67
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.99
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	133.91
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	2600
DISTANCE FROM	THLD	TO 1500FT POINT	8.40
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	133.82
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	2700

THRESHOLD COORDINATES (IF STR-IN)	484841.60N/1052643.73W
ARP COORDINATES	484827.80N/1052622.10W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 12 DISTANCE 0.33 NM
FAF COORDINATES	485127.42N/1053104.45W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
BRITNEY ARMENTROUT	AJV-A422	04/23/2025	AERONAUTICAL INFORMATION SPECIALIST

