

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
COPTER RNAV (GPS) SPECIAL INSTRUMENT APPROACH PROCEDURE
SPECIFICATION -- NOT FOR COCKPIT USE**

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.

If an instrument approach procedure of the above type is conducted at the below named airport, it shall be conducted in accordance with a charted instrument approach procedure predicted on the specifications contained herein, unless an approach is conducted in accordance with a different procedure for such airport authorized by the Administrator. Minimum altitudes shall correspond with those established for enroute operations in the particular area or as set forth below.

<u>HELIPORT ID</u> 59B	<u>PROCEDURE NAME</u> COPTER RNAV (GPS) M 289	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> JACKMAN	<u>STATE</u> ME
<u>SURFACE ELEVATION</u> 1286	<u>TDZE</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 16W
<u>FACILITY</u> RNAV	<u>SUPERSEDED</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>EPOCH YEAR</u> 2020
	<u>COORDINATES OF FACILITIES</u>			<u>CANCEL/SUSPEND</u>

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>
FAIRR	IF/IAF	HIVDI		TF	FB	0.30	288.74	5.18	2900
HIVDI	FAF	ZUTEG	MAP	TF	FO	0.30	288.65	2.46	
ZUTEG	MAP	1700 MSL		CA			288.65		1700
1700 MSL		FAIRR		DF	FO	1.00			4700

MISSED APPROACH

MAP:

LNAV: ZUTEG

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 4700 DIRECT FAIRR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- HOLD E FAIRR, RT, 288.74 INBOUND, 4700 FT. IN LIEU OF PT (IAF), MAX 7000.
- FAC:** 288.65 **FAF:** HIVDI **DIST FAF TO MAP:** 2.46 **DIST FAF TO THLD:**
- MIN ALT:** FAIRR 4700, HIVDI 2900
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:**
- MIN GP INCPT:** **GP ALT AT FAF:** **OM:** **MM:** **IM:**
- GP ANGLE:** **34:1:** **20:1:** **TCH:**
- MSA FROM:** ZUTEG 5200



PBN REQUIREMENTS NOTE:

RNP 0.3 - GPS. AP.

NOTES:

CHART NOTE: USE OF THIS PROCEDURE REQUIRES SPECIFIC AUTHORIZATION BY FAA FLIGHT STANDARDS.

CHART NOTE: NIGHT VISIBILITY MINIMUM 1 SM.

CHART PLANVIEW NOTE: LIMIT FINAL APPROACH SPEED TO MAX 70 KIAS.

CHART PLANVIEW NOTE: PROCEED VFR FROM ZUTEG OR CONDUCT THE SPECIFIED MISSED APPROACH. INCREASE TO DESIRED AIRSPEED MINIMUM 90 KIAS UPON REACHING THE MISSED APPROACH ALTITUDE.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE 8B0 ALTIMETER SETTING AND INCREASE MDA 200 FEET.

CHART SPEED ICON IN PLANVIEW AT HIVDI: MAX 70 KIAS.

ADDITIONAL FLIGHT DATA:

CHART: 1397 TREE (23-044398) 453659.70N/0701444.30W; 1389 TREE (23-068664) 453700.97N/0701438.50W; 1387 TREE (23-067303) 453701.22N/0701446.01W.

CHART FAS OBST: 1354 TREE 453748N/0701130W.

CHART 1387 TREE 453727N/0701006W.

59B, 1177.9, 287.14/0.60

MINIMUMS:

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

ALTERNATE: NA

<u>CATEGORY:</u>	<u>COPTER</u>														
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAS</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAS</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAS</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAS</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAS</u>
LNAV MDA	1620	3/4	334		NA			NA			NA				

CHANGES - REASONS

SUBMITTED BY

OFFICE

DATE

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

RICHARD BRUCE

Digitally signed by

RICHARD A BRUCE

Nov 15, 2024

OFFICE

AJV-A422

DATE

11/15/2024

RECOMMENDED BY

OFFICE

DATE

TITLE

APPROVED BY

BEV L BORDY

OFFICE

AJV-A420

DATE

TITLE
MANAGER



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

<u>HELIPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
59B	COPTER RNAV (GPS) M 289	ORIG	JACKMAN	ME	1286	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INTERMEDIATE

FROM FAIRR (IF/IAF) **TO** HIVDI

RNP 0.30 **DISTANCE** 5.18 **PAT** **MAP** **HAS** **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	453803.00N/0700406.00W	1621	215	8	4B	500					2200
TERRAIN	453803.00N/0700406.00W	1420 (1400)								AS1500	2900

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV

FROM HIVDI **TO** ZUTEG

RNP 0.30 **DISTANCE** 2.46 **PAT** **MAP** ZUTEG **HAS** 334 **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>
TREE	453748.00N/0701130.00W	1354	215	8	4B	250					1620

COMPUTATIONS

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

SEGMENT REMARKS:



HELIPORT ID
59B

PROCEDURE NAME
COPTER RNAV (GPS) M 289

AMDT NO.
ORIG

CITY
JACKMAN

STATE
ME

AIRPORT ELEVATION
1286

FACILITY
RNAV

HOLD-IN-LIEU OF PT

FROM
FAIRR **TO**
P-4

RNP DISTANCE PAT MAP HAS HMAS
P-4

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	453442.00N/0695933.00W	2271	215	8	4B	1000				AT1429	4700
TERRAIN	453509.00N/0700609.00W	2070 (2100)								AS1500	3600

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM
ZUTEG **TO**
FAIRR

RNP DISTANCE PAT MAP HAS HMAS
0.30-1.00 1520

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				4700
AAO	453618.00N/0700930.00W	2080	215	8	4B	1000					3100
TERRAIN	453621.00N/0701109.00W	1965 (2000)								AS1500	3500

COMPUTATIONS

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

SEGMENT REMARKS:

MSA

CENTER RADIUS
ZUTEG 25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	451730.00N/0704233.00W	241	28.7	4160	215	8	4B	1000			5200

MSA REMARKS:



HELIPORT ID
59B

PROCEDURE NAME
COPTER RNAV (GPS) M 289

AMDT NO.
ORIG

CITY
JACKMAN

STATE
ME

AIRPORT ELEVATION
1286

FACILITY
RNAV

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZBW ARTCC

WX SERVICE
AWOS-3

LOCATION
59B

HRS OPERATION
24

ALTIMETER SOURCE
59B

DISTANCE
0

WMSCR
Y

ADJUSTMENTS
0

BACK-UP WX SERVICE
AWOS-3PT

LOCATION
8B0

HRS OPERATION
24

ALTIMETER SOURCE
8B0

DISTANCE
42.30

WMSCR
Y

ADJUSTMENTS
187

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
59B 1178, 8B0 1809
RA = 186.5

PRIMARY NAVAID

MONITOR POINT

HRS OPERATION

CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
01H		
RW13 - MIRL (PCL)	NPI-G	
RW31 - MIRL (PCL), REIL (PCL)	NPI-G	

GLIDESLOPE ANGLE

ELEV RWY THRESHOLD

TCH

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE

TCH

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:

"VISUAL PORTION OF FINAL" PENETRATIONS



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

1397 TREE (23-044398) 453659.70N/0701444.30W.
1389 TREE (23-068664) 453700.97N/0701438.50W.
1387 TREE (23-067303) 453701.22N/0701446.01W.

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - POINT-IN-SPACE PROCEDURE.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
VEGETATION HEIGHT: 100 FT, PER FPT.
PROCEDURE CONNECTS TO AIRWAY ZK423 AT FAIRR.
ORDER 8260.3 CHAPTER 2 APPLIED TO 1387 TREE 453727.00N/0701006.00W.

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	MAP	TO 1000FT POINT	0.79
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	272.65
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1400
DISTANCE FROM	MAP	TO 1500FT POINT	2.46
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	272.65
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1400

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES 453756.80N/0701450.98W
RUNWAY APCH END AND DIST FURTHEST FROM ARP RUNWAY 31 DISTANCE 0.30 NM
FAF COORDINATES 453749.31N/0701029.92W
FIX NAME COORDINATES MAP ZUTEG 453756.09N/0701400.05W

REMARKS

COPTER POINT-IN-SPACE PROCEDURE. AIRSPACE CALCULATED FROM MAP ZUTEG.

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
RICHARD BRUCE	AJV-A422	11/15/2024	AERONAUTICAL INFORMATION SPECIALIST

