

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</u> YELLOWSTONE RGNL	<u>AIRPORT ID</u> KCOD	<u>PROCEDURE NAME</u> RNAV (GPS)-B	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> CODY	<u>STATE</u> WY	
<u>AIRPORT ELEVATION</u> 5102	<u>TDZE</u>	<u>SUPERSEDED</u> RNAV (GPS)-B	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 05/02/2013	<u>MAG VAR</u> 11E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
OLWOR		NICQE		TF	FO	1.00	157.65	28.45	9600
NICQE	IF/IAF	KEVHI		TF	FB	1.00	309.18	10.00	7800
KEVHI	FAF	MOYAV	MAP	TF	FO	0.30	308.53	5.59	
MOYAV	MAP	6200 MSL		CA			308.53		6200
6200 MSL		OLWOR		DF	FO	1.00			8000

MISSED APPROACH

MAP:
MOYAV

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 6200 THEN CLIMBING RIGHT TURN TO 8000 DIRECT OLWOR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD SE NICQE, RT, 309.18 INBOUND, 9600 FT. IN LIEU OF PT (IAF), MAX 14000.

3. FAC: 308.53 FAF: KEVHI DIST FAF TO MAP: 5.59 DIST FAF TO THLD:

4. MIN ALT: NICQE 9600, KEVHI 7800

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: 20:1: TCH:

8. MSA FROM: KCOD 13600



PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART PLANVIEW NOTE: NOPT FOR ARRIVALS AT NICQE ON V85 NORTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
FAC CROSSES MIDPOINT OF RWY 4-22.
FAS OBST: 5905 AAO 442748N/1085656W.
6178 AAO 442609N/1085721W.
HOLD N, RT, 184.83 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ NA WHEN LOCAL WEATHER NOT AVAILABLE.; CAT A, B 1100-2, CAT C 1100-3, CAT D 1900-3

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
CIRCLING	6160	1 1/4	1058	6160	1 1/2	1058	6160	3	1058	6940	3	1838			

CHANGES - REASONS

1. ADDED 3 DEGREES TO ALL COURSES AND HEADINGS. - AIRPORT MAGVAR CHANGE FROM 14E/1995 TO 11E/2020.
2. ADDED MAXIMUM HOLD IN LIEU ALTITUDE OF 14000. - 8260.19H.
3. ADDED PBN REQUIREMENTS NOTE: RNP APCH. - 8260.19H PARA 8-6-8B(1).
4. EXPANDED CIRCLING AREAS AND RAISED CATEGORY D MDA/HAA FROM 6180/1078 TO 6940/1838. - NEW CIRCLING CRITERIA.
5. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA. - APPLIED NEW CIRCLING CRITERIA.
6. CHANGED FAS OBSTACLE FROM 5860 AAO 442730N/1085657W TO 5905 AAO 442748N/1085656W. - NEW MAP STUDY.
7. LOWERED CATEGORY A/B/C CIRCLING MDA/HAA FROM 6180/1078 TO 6160/1058. - NEW FAS OBSTACLE WITH AC OF 2C VICE 3D.
8. DELETE NOTE WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. - CONTINGENCY ALTIMETER NOTE ADDED TO PART C 8260-9.
9. DELETE NOTE DME/DME RNP-0.3 NA. - NO LONGER REQUIRED.

02/07/20: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 01/22/20.

1. ADDED ROUTINE TO REQUIRED EFFECTIVE DATE.
2. CHANGED MSA CENTER TO FROM MAP TO KCOD ARP.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZLC, ZLC APP CON, CPR FSS, AMGR

FLIGHT CHECKED BY

JOEL FEWENS HAWKLEY

Digitally signed by

WARDELL HENNING

OFFICE

FICO

DATE

12/20/2019

Feb 07, 2020

Digitally signed by

WARDELL HENNING

OFFICE

AJV-A432

DATE

07/31/2019

Feb 07, 2020

APPROVED BY

GEORGE DAVIS

Digitally signed by

WARDELL HENNING

OFFICE

AJV-A430

DATE

TITLE
MANAGER

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

AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
YELLOWSTONE RGNL	KCOD	RNAV (GPS)-B	1	CODY	WY	5102	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM TO
OLWOR NICQE

<u>RNP</u>	<u>DISTANCE</u> 28.45	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<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>
1.AAO	443506.00N/1085057.00W		6720	164	98	4E	2000				AT880	9600
2.TERRAIN	443506.00N/1085057.00W		6520 (6500)								AS1500	8000

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM TO
NICQE (IF/IAF) KEVHI

<u>RNP</u>	<u>DISTANCE</u> 10.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<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>
3.AAO	442609.07N/1085721.14W		6178	50	20	2C	500				AT1122	7800
4.TERRAIN	441818.00N/1084854.00W		5872 (5900)								AS1500	7400

COMPUTATIONS

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

SEGMENT REMARKS:



FINAL: LNAV

FROM

KEVHI

TO

MOYAV

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.59		MOYAV									
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.AAO	442748.34N/1085655.65W		5905	50	20	2C	250					6160

COMPUTATIONS

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

HOLD-IN-LIEU OF PT

FROM

NICQE

TO

P-10

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
		P-10										
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
6.AAO	441106.00N/1084815.00W		6529	164	98	4E	1000				AT2071	9600
7.TERRAIN	441106.00N/1084815.00W		6329 (6300)								AS1500	7800

COMPUTATIONS

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



MISSED APPROACH : LNAV

FROM
MOYAV

TO
OLWOR

RNP	DISTANCE	PAT	MAP	HAT			HMAS 6060					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				8000
8.AAO	443739.00N/1090403.00W		6270	164	98	4E	1000					7300
9.TERRAIN	443739.00N/1090403.00W		6069 (6100)								AS1500	7600

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											
10.TERRAIN (56-032569)	442936.86N/1090248.42W	1.40	1058	5475	20	10	1B	300		SI	6160
CATEGORY B											
11.TREE	442852.15N/1090157.49W	2.00	1058	5608	50	20	2C	300		SI	6160
CATEGORY C											
12.TERRAIN (56-031586)	442800.27N/1090232.45W	3.17	1058	5629	20	10	1B	300		SI	6160
CATEGORY D											
13.AAO	442942.55N/1090737.83W	4.23	1838	6640	50	20	2C	300			6940

CIRCLING REMARKS:



<u>AIRPORT</u> YELLOWSTONE RGNL	<u>AIRPORT ID</u> KCOD	<u>PROCEDURE NAME</u> RNAV (GPS)-B	<u>AMDT NO.</u> 1	<u>CITY</u> CODY	<u>STATE</u> WY	<u>AIRPORT ELEVATION</u> 5102	<u>FACILITY</u> RNAV
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MSA

CENTER
KCOD

RADIUS
25

<u>SECTOR</u>	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>BEARING</u>	<u>DISTANCE</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
360-360	AAO	441127.00N/1092521.00W	207	26.2	12510	164	98	4E	1000			13600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

FAC AIMING POINT REFLECTS PREVIOUS GPS-B PROCEDURE

AVERAGE VEGETATION HEIGHT OF 20 FEET UTILIZED PER FPT CHECKLIST

TAA'S NOT DEVELOPED PER FPT CHECKLIST



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZLC ARTCC, ZLC APP CON, CPR FSS

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
AWOS	KCOD	24	KCOD	0	Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
AWOS	KPOY	24	KPOY	23.04	Y	54

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KCOD 5102.3, KPOY 5095.7
RA = 53.91.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW04 - HIRL (PCL), REIL (PCL), PAPI-4L		PIR-G	
RW22 - HIRL (PCL), REIL (PCL), PAPI-4L		PIR-G	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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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



ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

<u>AIRPORT</u> YELLOWSTONE RGNL	<u>AIRPORT ID</u> KCOD	<u>PROCEDURE NAME</u> RNAV (GPS)-B	<u>AMDT NO.</u> 1	<u>CITY</u> CODY	<u>STATE</u> WY	<u>AIRPORT ELEVATION</u> 5102	<u>FACILITY</u> RNAV
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	1.92				
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20				
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	319.53				
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	5705				
DISTANCE FROM	MAP	TO 1500FT POINT	4.39				
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.20				
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	319.53				
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	5705				
THRESHOLD COORDINATES (IF STR-IN)							
ARP COORDINATES	443112.70N/1090125.70W						
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 4 DISTANCE 0.68 NM						
FAF COORDINATES	442647.94N/1085615.72W						
FIX NAME COORDINATES							
REMARKS							

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PART E: PREPARED BY

<u>NAME</u> WARDELL HENNING (JOHN KEEFER)	<u>OFFICE</u> AJV-A432	<u>DATE</u> 07/31/2019	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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