

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> BOISE AIR TERMINAL/GOWEN FLD	<u>AIRPORT ID</u> KBOI	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 10L	<u>ORIGINAL/AMENDMENT</u> 3B	<u>CITY</u> BOISE	<u>STATE</u> ID
<u>AIRPORT ELEVATION</u> 2872	<u>TDZE</u> 2844	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 10L	<u>ORIGINAL/AMENDMENT</u> 3A	<u>DATED</u> 12/07/2017	<u>MAG VAR</u> 13E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 OCTOBER 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

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>
RENOL		BOYCA		TF	FB	1.00	356.95	13.84	6000
BOYCA	IAF	JIMMI	NOPT	TF	FB	1.00	026.36	5.91	5000
PARMO	IAF	JIMMI	NOPT	TF	FB	1.00	100.78	18.03	5000
NICPE	IAF	JIMMI	NOPT	TF	FB	1.00	178.03	5.97	5000
JIMMI	IF/IAF	MIGEE		TF	FB	1.00	100.83	5.95	4100
MIGEE	FAF	RW10L	MAP	TF	FO	0.30	102.08	3.82	
RW10L	MAP	3300 MSL		CA			102.08		3300
3300 MSL		JIMMI		DF	FO	1.00			6000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW10L

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3300 THEN CLIMBING RIGHT TURN TO 6000 DIRECT JIMMI AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD W JIMMI, RT, 101.97 INBOUND, 6000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 102.08 FAF: MIGEE DIST FAF TO MAP: 3.82 DIST FAF TO THLD: 3.82

4. MIN ALT: JIMMI 5000, MIGEE 4100

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.62 GS ANT:

6. MIN GP INCPT: 4100 GP ALT AT FAF : MIGEE 4100 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 53.2

8. MSA FROM: RW10L 9400

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA N OF RWY 10L-28R.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RENOL ON V113 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PARMO ON V500 NORTHWEST BOUND.
CHART SPEED ICON IN PLANVIEW AT JIMMI: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.12 NM TO RW10L*
*LNAV ONLY
WAAS CHANNEL #78102
REFERENCE PATH ID: W10A
CHART FAS OBST: 2879 TWR 433415N/1161350W.
LTP HAE: 845.9 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 900-2 1/2, CAT D 1000-3

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
LPV DA	3094	7/8	250	3094	7/8	250	3094	7/8	250	3094	7/8	250			
LNAV/VNAV DA	3135	1	291	3135	1	291	3135	1	291	3135	1	291			
LNAV MDA	3240	1	396	3240	1	396	3240	1 1/8	396	3240	1 1/8	396			
CIRCLING	3440	1	568	3440	1	568	3740	2 1/2	868	3820	3	948			



CHANGES - REASONS

- 1. REMOVED CHART NOTE: DME/DME RNP -0.3NA. - IAW 8260.19H 8-6-8.B.
- 2. ADDED PBN REQUIREMENT NOTE: RNP APCH. - IAW 8260.19H 8-6-8.B.(1).
- 3. ADDED 20:1 IS CLEAR. - IAW 8260.19H. DOCUMENTATION CRITERIA.
- 4. REMOVED CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). - NEW VGSI DATA THAT CLEARS FDC NOTAM 8/5260.
- 5. CRC CHANGED FROM "1509741E" TO "2940D9BC". - LTP LATITUDE CHANGED FROM 433412.7560N/1161412.8815W TO 433412.7565N/1161412.8815W, ORTHOMETRIC HEIGHT INCREASED ONE FOOT DUE TO CHANGE IN AIRPORT ELEVATION.
- 6. MODIFIED BARO-VNAV NOTE : - REMOVED FAHRENHEIT TEMPS - IAW 8260.19 8-6-9.S.7.
- 7. ADDED "MAX 6000" TO HOLD-IN-LIEU ON LINE 2 - IAW 8260.19H PARA 8-6-7.B. (2).
- 8. VDP CHANGED FROM 1.05 NM TO 1.12 NM. - IAW 8260.19H PARA. 8-6-10.N.
- 9. CHANGED AIRPORT ELEVATION FROM 2871 TO 2872. - NEW AIRPORT SURVEY.
- 10. CIRCLING CAT A/B CHANGED FROM HAA/569 TO HAA/568, CIRCLING CAT C CHANGED FROM HAA/869 TO HAA/868. - DUE TO CHANGE IN AIRPORT ELEVATION.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: BOI ATCT, BOI APP CON, AMGR, ZLC

FLIGHT CHECKED BY

KEVIN RIESE

Digitally signed by
CASIMIR L TABAKA
Jul 31, 2019

OFFICE

FICO

DATE

7/28/19

DEVELOPED BY

CASIMIR L. TABAKA (MARSHALL SCOTT)

Digitally signed by
CASIMIR L TABAKA
Jul 31, 2019

OFFICE

AJV-A422

DATE

02/19/2019

APPROVED BY

MARLON ROBINSON

Digitally signed by
CASIMIR L TABAKA
Jul 31, 2019

OFFICE

AJV-A420

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBOI
RUNWAY	RW10L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	433412.7565N
LTP/FTP LONGITUDE	1161412.8815W
LTP/FTP ELLIPSOIDAL HEIGHT	+08459
FPAP LATITUDE	433330.7950N
FPAP LONGITUDE	1161209.9530W
THRESHOLD CROSSING HEIGHT (TCH)	00053.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	2940D9BC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+08628
FPAP ORTHOMETRIC HEIGHT	+08628