

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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> BOZEMAN YELLOWSTONE INTL	<u>AIRPORT ID</u> KBZN	<u>PROCEDURE NAME</u> ILS OR LOC RWY 12	<u>ORIGINAL/AMENDMENT</u> 9C	<u>CITY</u> BOZEMAN	<u>STATE</u> MT
<u>AIRPORT ELEVATION</u> 4473	<u>TDZE</u> 4443	<u>SUPERSEDED</u> ILS OR LOC RWY 12	<u>ORIGINAL/AMENDMENT</u> 9B	<u>DATED</u> 05/24/2018	<u>MAG VAR</u> 13E
<u>FACILITY</u> I-BZN	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 JANUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

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>
HIA VOR/DME		HEBIV/HIA 19.00 DME					060.36	19.00	9400
HEBIV/HIA 19.00 DME		THESE INT/HIA 26.87 DME					060.36	7.87 (HIA R-060)	8300
BZN VOR/DME		FALIA INT/BZN 15.00 DME					297.17	15.00	8100
THESE INT/HIA 26.87 DME	IAF	FALIA INT/BZN 15.00 DME	NOPT				041.72 & 122.76	4.46 (HDG) & 2.73 (I-BZN)	8000
BRIGR INT/BZN 15.00 DME CW	IAF	FALIA INT/BZN 15.00 DME	NOPT				15.00 DME ARC (BZN LR-289)		8000
KICDO/BZN 15.00 DME CCW	IAF	ZOPKA/BZN 15.00 DME	NOPT				15.00 DME ARC		8400
ZOPKA/BZN 15.00 DME CCW		FALIA INT/BZN 15.00 DME					15.00 DME ARC		8000
FALIA INT/BZN 15.00 DME	IF/IAF	MANNI LOM/BZN 7.60 DME					122.76	7.41 (I-BZN)	6800

MISSED APPROACH

MAP:

ILS: DA

LOC: 7.09 NM AFTER MANNI LOM OR AT BZN 0.53 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5200 THEN CLIMBING RIGHT TURN TO 8000 ON HEADING 250 AND ON BZN VOR/DME R-223 TO BRIGR INT/BZN 15.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 5200 THEN CLIMBING RIGHT TURN TO 8400 DIRECT MANNI LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 8400 (ADF REQUIRED).



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)	
2.	HOLD NW FALIA, RT, 122.76 INBOUND, 8000 FT. IN LIEU OF PT (IAF), MAX 14000.				
3. FAC:	122.76	FAF: MANNI LOM/BZN 7.60 DME	DIST FAF TO MAP: 7.09	DIST FAF TO THLD: 7.09	
4. MIN ALT:	FALIA INT/BZN 15.00 DME 8000, MANNI LOM/BZN 7.60 DME 6800				
5. DIST TO THLD FROM OM:	7.09	MM:	IM:	150 HAT:	GS ANT: 905
6. MIN GS INCPT:	6800	GS ALT AT FAF :		OM: 6781	MM: IM:
7. GP ANGLE:	3.00	34:1:	20:1:	TCH: 52.5	
8. MSA FROM:	BZ LOM 360-090 10900, 090-180 11400, 180-270 10600, 270-360 9000				

EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED FOR PROCEDURE ENTRY AT BRIGR.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 3-21 AND 11-29.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: MANNI LOM
CHART CIRCLING ICON.
CHART BZN R-223 AT BRIGR.
CHART BZN R-320 AT KICDO.
CHART BZN R-306 AT ZOPKA.
CHART VDP AT 1.71 DME*
DISTANCE VDP TO THLD 1.20 NM
* LOC ONLY
FAS OBST: 4549 AAO 454919N/1111343W.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW MANNI LOM, RT, 122.76 INBOUND.
HOLD W, LT, 093.83 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT D 900-3

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
S-ILS 12	4643	1/2	200	4643	1/2	200	4643	1/2	200	4643	1/2	200			
S-LOC 12	4860	1/2	417	4860	1/2	417	4860	3/4	417	4860	3/4	417			
CIRCLING	4940	1	467	4940	1	467	5160	2	687	5360	3	887			



AIRPORT	AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
BOZEMAN YELLOWSTONE INTL	KBZN	ILS OR LOC RWY 12	9C	BOZEMAN	MT

CHANGES - REASONS

- 1. PROFILE SECTION, LINE 2, ADDED MAX HOLDING ALTITUDE OF 14000 - CURRENT DOCUMENTATION POLICY.
- 2. MOVED AND REWORDED PLANVIEW NOTE "RADAR REQUIRED FOR ARRIVALS AT BRIGR" TO EQUIPMENT REQUIREMENTS NOTE BOX - CURRENT DOCUMENTATION POLICY.
- 3. ADDED NOTE RESTRICTING CIRCLING TO RWYS 3/21 AND 11/29 - AS ADVISED BY AIRPORT AND FPT.
- 4. REMOVED CNF (CFFFB) FROM CHART - NO LONGER REQUIRED BY CHARTING STANDARD.
- 5. TERMINAL ROUTES, KICDO TO FALIA LEG, ADDED "NOPT" - PROCEDURE TURN NOT REQUIRED.
- 6. TERMINAL ROUTES, FALIE TO MANNI LOM LEG, ADDED "BZN 7.60 DME" TO MANNI FIX DEFINITION - MANNI IS ALSO A DME FIX.
- 7. ADDED VDP - BZN VOR/DME IS USED ON THIS PROCEDURE AND CAN IDENTIFY THE VDP.

PDF EDIT:

- 1. TERMINAL ROUTE THESE TO FALIA, DISTANCE COLUMN, ADDED "(HDG)" AFTER 4.46.



COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZLC, BIG SKY APP CON, BZN ATCT, AMGR

FLIGHT CHECKED BY

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, DEC 22, 2017.

Digitally signed by **OFFICE** **DATE**

Sep 13, 2018

DEVELOPED BY

RUSS ROSLEWSKI *Digitally signed by*
RUSSELL ROSLEWSKI
Sep 10, 2018

OFFICE **DATE**
AJV-5421 08/01/2018

APPROVED BY

JULIE MORGAN *Digitally signed by*
DEZ SILAGYI
Sep 13, 2018

OFFICE **DATE** **TITLE**
AJV-5420 MANAGER

