

NFDD NO. 103

05/28/2024

41

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

DP NAME

BOBKT

NUMBER

FIVE

DP COMPUTER CODE

BOBKT5.BOBKT

SUPERSEDED NUMBER

FOUR

DATED

05/24/2018

ACTUAL EFFECTIVE DATE

11 Jul 2024

TYPE:

OBSTACLE

COPTER

SID

SPECIAL

RNAV

☐

☐

☒

☐

☒

DP ROUTE DESCRIPTION:

TAKEOFF RWY 12: CLIMB DIRECT JAPER, THEN ON TRACK 084.84 TO CROSS BOBKT AT OR ABOVE 9600, THENCE...
...ON ASSIGNED TRANSITION, MAINTAIN 16000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

TRANSITION NAME	TRANSITION COMPUTER CODE	FROM FIX/NAVAID	TO FIX/NAVAID	COURSE	DISTANCE	MEA	MOCA	CROSSING ALTITUDE/FIXES
BILLINGS	BOBKT5.BIL	BOBKT	LVM VOR/DME	TRACK 064.23	15.44	9900	9900	
		LVM VOR/DME	SUBKY	TRACK 071.58	20.35	9900	9900	
		SUBKY	REEPO	TRACK 071.94	18.28	8400	8400	
		REEPO	COLUS	TRACK 072.24	18.00	7200	7200	
		COLUS	BIL VORTAC	TRACK 072.54	20.00	6800	6800	
BOYSEN RESERVOIR	BOBKT5.BOY	BOBKT	ZORKE	TRACK 133.70	10.00	9900	9900	ZORKE AT/ABOVE 12500
		ZORKE	TOOLS	TRACK 133.80	40.33	13400	13400	
		TOOLS	BOY VOR/DME	TRACK 124.35	119.48	14500	14500	

PBN REQUIREMENT NOTES:

RNAV 1 - GPS

EQUIPMENT REQUIREMENT NOTES:

PROCEDURAL DATA NOTES:

TAKEOFF MINIMUMS:

RWY 3, 11, 21, 29: NA - ATC.
RWY 12: STANDARD WITH MINIMUM CLIMB OF 295 FT PER NM TO 8600.

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

CONTROLLING OBSTACLES:

RWY 12: 7536 FT MSL AAO 453716.94N/1105326.62W.

FAA Form 8260-15B (03/23) Supersedes Previous Edition

Electronic Version

Page 1 of 2

QUALITY
12
CHECKED

MSA:
MSA FROM KBZN, 12200.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:
DME/DME ASSESSMENT: UNSAT.
AIRPORT MV: BZN 13E/2010
CHART: TOP ALTITUDE: 16000

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KBZN	BOZEMAN	MT

COMMUNICATIONS:
CHART: GND CON, TWR.

FIXES AND/OR NAVAIDS:

REMARKS:
DO NOT CHART MOCA: FROM BOBKT TO LVM VOR/DME, LVM VOR/DME TO SUBKY, SUBKY TO REEPO, REEPO TO COLUS, COLUS TO BIL VORTAC, BOBKT TO ZORKE, ZORKE TO TOOLS, TOOLS TO BOY VOR/DME.
VEGETATION HEIGHT USED 50 FT AGL.

<u>FLIGHT INSPECTED BY</u>	<i>Digitally signed by</i>	<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>	
GARY J VEER	ROBERT G HAMILTON		FPO	03/28/2024	
	Apr 16, 2024				
<u>DEVELOPED BY</u>	<i>Digitally signed by</i>	<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>	
FRANK MOORE	FRANK MOORE		AJV-A433	11/06/2023	
	Feb 20, 2024				
<u>APPROVED BY</u>	<i>Digitally signed by</i>	<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
BEV BORDY	ROBERT G HAMILTON		AJV-A430		MANAGER
	Apr 16, 2024				
<u>REQUIRED EFFECTIVE DATE</u>					
ROUTINE					

COORDINATED WITH:

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

CHANGES - REASONS:
1. BOBKT PROCEDURE UPNUMBERED TO "FIVE" – ATC REQUESTED AMENDMENT.
2. RWY 30 RUNWAY TRANSITION DELETED – ATC REQUEST.
3. RWY 12 RUNWAY TRANSITION CHANGED FROM VA/DF TO DF CONSTRUCTION – 8260.46J 3-1-6B NOTE #4
4. CROSSING ALTITUDE AT BOBKT CHANGED FROM 11000 TO 9600 - ATC REQUEST.
5. CROSSING ALTITUDE AT ZORKE CHANGED FROM 15000 TO 12500 - ATC REQUEST.
6. MEA'S ADJUSTED AT LVM, SUBKY, REEPO, COLUS, BIL, ZORKE, TOOLS AND BOY - NEW EVALUATION
7. TAKEOFF MINIMUMS FOR RWY 12 CHANGED FROM STANDARD WITH MINIMUM CLIMB OF 395 FT PER NM TO 15000 TO STANDARD WITH MINIMUM CLIMB OF 295 FT PER NM TO 8600 - ATC REQUEST.



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)

<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
BOBKT		FIVE		BOBKT5.BOBKT		FOUR		05/24/2018	11 Jul 2024
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
RW12 (AER)	454717.11N/1110959.33W	N	-	-	-	-			CG 295 FT/NM TO 8600
JAPER	453952.23N/1105919.04W	Y	FB	DF	-	10.53			
BOBKT	453846.30N/1104801.79W	Y	FB	TF	097.84	07.99	AT/ABOVE 9600		
TRANSITIONS									
BOBKT	453846.30N/1104801.79W	Y	-	IF	-	-			BOBKT5.BIL
LVM VOR/DME	454208.93N/1102632.83W	Y	FB	TF	077.23	15.44			
SUBKY	454400.60N/1095737.27W	Y	FB	TF	084.58	20.35			
REEPO	454534.41N/1093136.76W	Y	FB	TF	084.94	18.28			
COLUS	454701.12N/1090558.82W	Y	FB	TF	085.24	18.00			
BIL VORTAC	454830.81N/1083728.73W	Y	FB	TF	085.54	20.00			
BOBKT	453846.30N/1104801.79W	Y	-	IF	-	-			BOBKT5.BOY
ZORKE	453024.65N/1104013.39W	Y	FB	TF	146.70	10.00	AT/ABOVE 12500		
TOOLS	445635.74N/1100907.61W	Y	FB	TF	146.80	40.33			
BOY VOR/DME	432747.35N/1081758.96W	Y	FB	TF	137.35	119.48			

