Flight Procedure Tracking Form	Action: AMENDMENT	Task Type: IAP	Date Open: 02/27/2012	Task #: 2012022726470801003	Request #: 20120227264708
Procedure: RNAV (RNP) Z RWY 12 AMDT 0-B		Airport ID: KBZN	Airport: BOZEMAN YELLOWSTONE INTL		Reimbursable #:
City: BOZEMAN	ST: MT	GPS #:		Estimated Chart Date: 11/15/2012	FICO #:
Fac ID:	Fac. Type:		Specialist: EDWIN SIZEMORE		

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:				
QA:				8/13 NDS Sent 8/13/12
Liaison:				

Procedure Comments:

Remark Type: INFORMATION

ATTACHED FORMS: 8260-3, 8260-10, 8260-9
CONTACT: ADOLFO URRUTIA/LONNIE EVERHART, AJV-354 LEADS, 405.954.2079/4576.

Coding 8-22-12

AUG 23 2012 NB

U.S. Department of Transportation
Federal Aviation Administration

RNAV STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GODFE (IAF)	ZIVTI (TF) (FB) (RNP 1.00)	156.59/16.24	8100
ZIVTI	HUXAN (TF) (FB) (RNP 1.00)	156.63/5.00	7400
HIA VOR/DME (IAF)	THESE (TF) (FB) (RNP 1.00)	065.36/26.87	8300
THESE (IAF)	HUXAN (TF) (FB) (RNP 1.00)	091.58/8.58	7400
HUXAN (IF)	WOSAG (TF) (FB) (RNP 0.50)	122.64/4.50	6400
WOSAG	JURAL (TF) (FB) (RNP 0.50)	122.69/2.59	5600
JOXIT (IAF)	RANEY (TF) (FB) (RNP 1.00)	011.04/4.71	11200
CONT'D ON PAGE 2			

MISSED APPROACH

MAP DA

CLIMB TO 8300 ON TRACK 122.76 TO HETSI, AND RIGHT TURN TO HAXAG, AND ON TRACK 319.70 TO THESE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 094.98 INBOUND
CHART FAS OBST: 4449 TREE 454741N/1111059W
ROUTE TYPE: A, H
ROUTE TYPE QUALIFIER 1: F
ROUTE TYPE QUALIFIER 2: S
#TCH 4477.4 MSL (DO NOT CHART)
DISTANCE TO THLD FROM 348 HAT: 0.98NM

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT JURAL
3. FAC: 122.72 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: ____
5. DIST TO THLD FROM OM: 3.49 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 5600 GS ALT AT: JURAL 5600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 52.5# 34:1 IS NOT CLEAR
8. MSA FROM: RW12 12300

MAG VAR: 13E EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
AUTHORIZATION REQUIRED															
RNP 0.30 DA	4791	1	348	4791	1	348	4791	1	348	4791	1	348			

NOTES: CHART NOTE: GPS REQUIRED. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -23C (-11F) OR ABOVE 49C (121F). WHEN VGSI INOP, PROCEDURE NA AT NIGHT. CHART PLANVIEW NOTE : RF REQUIRED. CHART PLANVIEW NOTE: TETBY, WINIX, KASRE : MAX 180 KIA. CHART PLANVIEW NOTE: HETSI, HAXAG: MAX 240 KIAS. CHART PLANVIEW NOTE AT HIA, GODFE: (RNP 0.50), AT JOXIT, LVM: (RNP 0.40). PROCEDURE NA FOR ARRIVALS AT GATEY, RANEY, WOMET ON V343 SOUTHBOUND, GODFE ON V365-536 NORTHWEST BOUND AND THESE ON V343 NORTHWEST BOUND. CHART NOTE: FOR INOPERATIVE MALSR INCREASE RNP 0.30 VISIBILITY TO 1 1/4 ALL CATS. CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.

CITY AND STATE	ELEVATION: 4473 TDZE: 4443 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BOZEMAN, MT	BOZEMAN YELLOWSTONE INTL	RNAV	RNAV (RNP) Z RWY 12, ORIG -B	AMDT: ORIG-A DATE 06/30/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		ROUTINE

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
X		X	X	X	X	X AMGR, BZN ATCT

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: EDWIN SIZEMORE	FIFO AJV-354	DATE: 08/07/2012
APPROVED BY		
NAME: DEZ SILAGYI MANAGER	FIFO AJV-354	DATE:

CHANGES:

1. AIRPORT NAME CHANGED FROM GALLATIN FIELD TO BOZEMAN YELLOWSTONE INTL.
2. MISSED APPROACH INSTRUCTIONS: ALL REFERENCES TO "VIA TRACK" CHANGED TO "ON TRACK".
3. CHART PLANVIEW NOTE: ALL REFERENCES TO "VIA (AIRWAY)" CHANGED TO "ON (AIRWAY)".
4. UPDATED BARO-VNAV HIGH TEMP LIMITS, CHANGED FROM 39C (102F) TO 49C (121F).

REASONS:

1. PER AVNIS DATA.
2. PER FAAO 8260.19E, PARA 8-56.
3. PER FAAO 8260.19E, PARA 8-6.
4. PER AFS 400 MEMO, DTD MAY 30, 2012.

QUALITY CHECKED

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TERMINAL ROUTES (CONT'D)

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RANEY	WOMET (TF) (FB) (RNP 1.00)	011.08/6.45	9600
WOMET (IF)	WINIX (TF) (FB) (RNP 1.00)	328.30/10.41	8100
LVM VOR/DME (IAF)	JAPER (TF) (FB) (RNP 1.00)	251.53/23.09	9000
JAPER	GATEY (TF) (FB) (RNP 1.00)	258.56/10.13	9000
GATEY (IF)	KASRE (TF) (FB) (RNP 1.00)	309.93/7.21	8300
KASRE	WINIX (RF) (FB) (RNP 0.40)	(3.00 NM RADIUS CW OQSAF)/0.96	8100
WINIX	TETBY (RF) (FB) ((RNP 0.40)	(3.00 NM RADIUS CW OQSAF)/2.85	7200
TETBY	JURAL (RF) (FB) (RNP 0.40)	(3.00 NM RADIUS CW OQSAF)/5.23	5600
JURAL (FAF)	RW12 (TF) (FO)	122.72/3.49	
RW12 (MAP)	HETSI (TF) (FB) (RNP 1.00)	122.76/4.40	
HETSI	HAXAG (RF) (FB) (RNP 1.00)	(5.50 NM RADIUS CW EXKUX)/18.91	
HAXAG	THESE (TF) (FO) (RNP 1.00)	319.70/21.70	8300

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
☐	☐	☐	☐	☐	☐	☐

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC PACKET - 424-18 - RNAV (RNP)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        HIA   K1011370VDHW N45514244W112101059    N45514244W112101059E0180046522     NARWHITEHALL
        SUSAD        LVM   K1011610VDLW N45420893W110263283    N45420893W110263283E0150046531     NARLIVINGSTON

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   EXKUX K10    W     N45401758W111111346                    E0126     NAR           CNF(EXKUX)
        SUSAEAENRT   GATEY K10    C   L N45400784W111134504                    E0126     NAR           GATEY
        SUSAEAENRT   GODFE K10    C   L N46154490W111260388                    E0128     NAR           GODFE
        SUSAEAENRT   HAXAG K10    W     N45374604W111181132                    E0126     NAR           HAXAG
        SUSAEAENRT   HETSI K10    W     N45440794W111053637                    E0125     NAR           HETSI
        SUSAEAENRT   HUXAN K10    W     N45545146W111203386                    E0127     NAR           HUXAN
        SUSAEAENRT   JAPER K10    C   H N45395223W110591904                    E0125     NAR           JAPER
        SUSAEAENRT   JOXIT K10    W   L N45264114W111221866                    E0126     NAR           JOXIT
        SUSAEAENRT   JURAL K10    W     N45494710W111132834                    E0126     NAR           JURAL
        SUSAEAENRT   KASRE K10    W     N45455274W111195751                    E0126     NAR           KASRE
        SUSAEAENRT   OQSAF K10    W     N45474142W111163252                    E0126     NAR           OQSAF
        SUSAEAENRT   RANEY K10    C   L N45305911W111193494                    E0126     NAR           RANEY
        SUSAEAENRT   TETBY K10    W     N45492643W111200149                    E0126     NAR           TETBY
        SUSAEAENRT   THESE K10    C   L N45570159W111322710                    E0128     NAR           THESE
        SUSAEAENRT   WINIX K10    W     N45464350W111203605                    E0126     NAR           WINIX
        SUSAEAENRT   WOMET K10    W   L N45365227W111155003                    E0126     NAR           WOMET
        SUSAEAENRT   WOSAG K10    W     N45513839W111160372                    E0126     NAR           WOSAG
        SUSAEAENRT   ZIVTI K10    W     N45594649W111215117                    E0127     NAR           ZIVTI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBZNK1ABZN     0     089YHN45463926W111090728E013004473         1800018000C    MNAR    BOZEMAN YELLOWSTONE INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBZNK1FH12-Z AGODFE 010GODFEK1EA0E  A    IF                                          18000                A FS
        SUSAP KBZNK1FH12-Z AGODFE 020ZIVTIK1EA0E    010TF                                  + 08100                      A FS
        SUSAP KBZNK1FH12-Z AGODFE 030HUXANK1EA0E  B 010TF                                  + 07400                      A FS
        SUSAP KBZNK1FH12-Z AGODFE 040WOSAGK1EA0E    051TF                                  + 06400                      A FS
        SUSAP KBZNK1FH12-Z AGODFE 050JURALK1EA0EE   051TF                                  + 05600                      A FS
        SUSAP KBZNK1FH12-Z AHIA   010HIA  K1D 0V  A    IF                                          18000                A FS
        SUSAP KBZNK1FH12-Z AHIA   020THESEK1EA0E    010TF                                  + 08300                      A FS
        SUSAP KBZNK1FH12-Z AHIA   030HUXANK1EA0E  B 010TF                                  + 07400                      A FS
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CITY AND STATE	ELEVATION: 4473 TDZE: 4443	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BOZEMAN, MT	AIRPORT NAME: **BOZEMAN YELLOWSTONE INTL**	**RNAV**	**RNAV (RNP) Z RWY 12, ORIG-B**	AMDT: **ORIG-A**
				DATED: **06/30/2011**

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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SUSAP KBZNK1FH12-Z AHIA   040WOSAGK1EA0E    051TF                                  + 06400                          A FS
SUSAP KBZNK1FH12-Z AHIA   050JURALK1EA0EE   051TF                                  + 05600                          A FS
SUSAP KBZNK1FH12-Z AJOXIT 010JOXITK1EA0E  A    IF                                                18000               A FS
SUSAP KBZNK1FH12-Z AJOXIT 020RANEYK1EA0E    010TF                                  + 11200                          A FS
SUSAP KBZNK1FH12-Z AJOXIT 030WOMETK1EA0E  B 010TF                                  + 09600                          A FS
SUSAP KBZNK1FH12-Z AJOXIT 040WINIXK1EA0E    010TF                                  + 08100          180             A-FS
SUSAP KBZNK1FH12-Z AJOXIT 050TETBYK1EA0E   R041RF       0030003283    02270029     + 07200          180    OQSAF K1EAA-FS
SUSAP KBZNK1FH12-Z AJOXIT 060JURALK1EA0EE  R041RF       0030000227    12270052     + 05600                 OQSAF K1EAA FS
SUSAP KBZNK1FH12-Z ALVM   010LVM  K1D 0V  A    IF                                                18000               A FS
SUSAP KBZNK1FH12-Z ALVM   020JAPERK1EA0E    010TF                                  + 09000                          A FS
SUSAP KBZNK1FH12-Z ALVM   030GATEYK1EA0E  B 010TF                                  + 09000                          A FS
SUSAP KBZNK1FH12-Z ALVM   040KASREK1EA0E    010TF                                  + 08300          180             A-FS
SUSAP KBZNK1FH12-Z ALVM   050WINIXK1EA0E   R041RF       0030003099    32830010     + 08100          180    OQSAF K1EAA-FS
SUSAP KBZNK1FH12-Z ALVM   060TETBYK1EA0E   R041RF       0030003283    02270029     + 07200          180    OQSAF K1EAA-FS
SUSAP KBZNK1FH12-Z ALVM   070JURALK1EA0EE  R041RF       0030000227    12270052     + 05600                 OQSAF K1EAA FS
SUSAP KBZNK1FH12-Z ATHESE 010THESEK1EA0E  A    IF                                                18000               A FS
SUSAP KBZNK1FH12-Z ATHESE 020HUXANK1EA0E  B 010TF                                  + 07400                          A FS
SUSAP KBZNK1FH12-Z ATHESE 030WOSAGK1EA0E    051TF                                  + 06400                          A FS
SUSAP KBZNK1FH12-Z ATHESE 040JURALK1EA0EE   051TF                                  + 05600                          A FS
SUSAP KBZNK1FH12-Z H      020JURALK1EA1E  F    IF                                  + 05600     18000       RW12  K1PGA FS
SUSAP KBZNK1FH12-Z H      020JURALK1EA2W                                                  A031                         FS
SUSAP KBZNK1FH12-Z H      030RW12 K1PG0GY M 031TF                                    04477            -300            A FS
SUSAP KBZNK1FH12-Z H      040HETSIK1EA0E M  010TF                                                  240             A-FS
SUSAP KBZNK1FH12-Z H      050HAXAGK1EA0E   R010RF       0055001228    31970189                     240    EXKUX K1EAA-FS
SUSAP KBZNK1FH12-Z H      060THESEK1EA0EY   010TF                                  + 08300                          A FS
SUSAP KBZNK1FH12-Z H      070THESEK1EA0EE  R   HM                      09500070     + 08300                          A FS
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                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBZNK1GRW12    0089941228 N45471711W111095933+0400    +1337304425000053150IIBZN1
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                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBZNK1SRW12 K1PG                0   18018012325                                                                    M
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 4473 TDZE: 4443	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BOZEMAN, MT	AIRPORT NAME: BOZEMAN YELLOWSTONE INTL	RNAV	RNAV (RNP) Z RWY 12, ORIG-B	AMDT: ORIG-A
				DATED: 06/30/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	GODFE	GODFE	010	IAF	IF		FB					
	GODFE	ZIVTI	020		TF		FB	1.0			AA 08100	
	GODFE	HUXAN	030		TF		FB	1.0			AA 07400	
	GODFE	WOSAG	040		TF		FB	0.5			AA 06400	
	GODFE	JURAL	050		TF		FB	0.5			AA 05600	
	HIA	HIA	010	IAF	IF		FB					
	HIA	THESE	020		TF		FB	1.0			AA 08300	
	HIA	HUXAN	030		TF		FB	1.0			AA 07400	
	HIA	WOSAG	040		TF		FB	0.5			AA 06400	
	HIA	JURAL	050		TF		FB	0.5			AA 05600	
	JOXIT	JOXIT	010	IAF	IF		FB					
	JOXIT	RANEY	020		TF		FB	1.0			AA 11200	
	JOXIT	WOMET	030		TF		FB	1.0			AA 09600	
	JOXIT	WINIX	040		TF		FB	1.0			AA 08100	AB 180
	JOXIT	TETBY	050		RF	R	FB	0.4		002.9	AA 07200	AB 180
	JOXIT	JURAL	060		RF	R	FB	0.4		005.2	AA 05600	
	LVM	LVM	010	IAF	IF		FB					
	LVM	JAPER	020		TF		FB	1.0			AA 09000	
	LVM	GATEY	030		TF		FB	1.0			AA 09000	
	LVM	KASRE	040		TF		FB	1.0			AA 08300	AB 180
	LVM	WINIX	050		RF	R	FB	0.4		001.0	AA 08100	AB 180
	LVM	TETBY	060		RF	R	FB	0.4		002.9	AA 07200	AB 180
	LVM	JURAL	070		RF	R	FB	0.4		005.2	AA 05600	
	THESE	THESE	010	IAF	IF		FB					
	THESE	HUXAN	020		TF		FB	1.0			AA 07400	
	THESE	WOSAG	030		TF		FB	0.5			AA 06400	
	THESE	JURAL	040		TF		FB	0.5			AA 05600	
		JURAL	020	FAF	IF		FB				AA 05600	
		RW12	030	MAP	TF		FO	0.3			AT 04477	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HETSI	040		TF		FB	1.0				AB 240
	HAXAG	050		RF	R	FB	1.0		018.9		AB 240
	THESE	060		TF		FO	1.0			AA 08300	
	THESE	070		HM	R	FO		095.0(108.0T)	007.0	AA 08300	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HIA	N455142.44	W1121010.59	N4551.707	W11210.177
	LVM	N454208.93	W1102632.83	N4542.149	W11026.547
	EXKUX	N454017.58	W1111113.46	N4540.293	W11111.224

CITY AND STATE	ELEVATION: 4473 TDZE: 4443	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BOZEMAN, MT	AIRPORT NAME: **BOZEMAN YELLOWSTONE INTL**	**RNAV**	**RNAV (RNP) Z RWY 12, ORIG-B**	AMDT: **ORIG-A**
				DATED: **06/30/2011**

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER ☐ (specify) _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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GATEY	N454007.84	W1111345.04	N4540.131	W11113.751
GODFE	N461544.90	W1112603.88	N4615.748	W11126.065
HAXAG	N453746.04	W1111811.32	N4537.767	W11118.189
HETSI	N454407.94	W1110536.37	N4544.132	W11105.606
HUXAN	N455451.46	W1112033.86	N4554.858	W11120.564
JAPER	N453952.23	W1105919.04	N4539.871	W11059.317
JOXIT	N452641.14	W1112218.66	N4526.686	W11122.311
JURAL	N454947.10	W1111328.34	N4549.785	W11113.472
KASRE	N454552.74	W1111957.51	N4545.879	W11119.959
OQSAF	N454741.42	W1111632.52	N4547.690	W11116.542
RANEY	N453059.11	W1111934.94	N4530.985	W11119.582
TETBY	N454926.43	W1112001.49	N4549.441	W11120.025
THESE	N455701.59	W1113227.10	N4557.027	W11132.452
WINIX	N454643.50	W1112036.05	N4546.725	W11120.601
WOMET	N453652.27	W1111550.03	N4536.871	W11115.834
WOSAG	N455138.39	W1111603.72	N4551.640	W11116.062
ZIVTI	N455946.49	W1112151.17	N4559.775	W11121.853
RW12	N454717.11	W1110959.33	N4547.285	W11109.989

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW12	04425	53

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
INITIAL	GODFE	ZIVTI	1. AAO	455924.00N/1111848.00W	6155 (4E)	1000	AC98 AT847	8100
(RNP 1.00)			2. TERRAIN	460006.00N/1111906.00W	5831 (5800)		AS1500	7300
INITIAL SD	ZIVTI	HUXAN	3. AAO	455845.04N/1111842.92W	6342 (2C)	1000	AC20	7400
(RNP 1.00)			4. TERRAIN	455848.00N/1111842.00W	6123 (6100)		AS1000	7100
INITIAL	HIA VOR/DME	THESE	5. AAO	455451.00N/1120130.00W	6700 (4E)	1000	AC98 AT502	8300
(RNP 1.00)			6. TERRAIN	455451.00N/1120130.00W	6500 (6500)		AS1500	8000
INITIAL	THESE	HUXAN	7. AAO	455632.34N/1111928.64W	5525 (2C)	1000	AC20 AT855	7400
(RNP 1.00)			8. TERRAIN	455636.00N/1111915.00W	5342 (5300)		AS1500	6800
INTERMEDIATE	HUXAN	WOSAG	9. AAO	455502.14N/1112000.26W	5290 (2C)	500	AC20 AT424 VEB166	6400
(RNP 0.50) $			10. TERRAIN	455503.00N/1112003.00W	5043 (5000)		AS1000	6000
INTERMEDIATE SD	WOSAG	JURAL	11. AAO	454850.89N/1111400.03W	4559 (2C)	500	AC20 AT521	5600
(RNP 0.50) $			12. TERRAIN	454945.00N/1111418.00W	4351 (4400)		AS1000	5400
INITIAL	JOXIT	RANEY	13. AAO	452500.00N/1112030.00W	9062 (4E)	1000	AC98 AT814 PR226	11200
(RNP 1.00)			14. TERRAIN	452630.00N/1111957.00W	8235 (8200)		AS1500	9700
INITIAL SD	RANEY	WOMET	15. AAO	453134.10N/1111859.30W	7445 (2C)	1000	AC20 AT1135	9600
(RNP 1.00)			16. TERRAIN	453139.00N/1111906.00W	7251 (7300)		AS1500	8800
2. PROCEDURE TURN								
3. MISSED APPROACH MAP:								
ELEV:								

4. CIRCLING	DISTANCE		HT. ABV. ARPT.		
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	NA
CATEGORY B	1.5 NM		450		NA
CATEGORY C	1.7 NM		450		NA
CATEGORY D	2.3 NM		550		NA
CATEGORY E	4.5 NM		550		

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW12

SECTOR	OBSTRUCTION	BRG / DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG / DIST	ELEVATION (MSL)	M S A
360-360	AAO	185.0/26.6	11240 (6A)	12300					PAGE 1 OF 3

CITY AND STATE	AIRPORT & ELEVATION 4473	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
BOZEMAN, MT	BOZEMAN YELLOWSTONE INTL	RNAV	RNAV (RNP) Z RWY 12, ORIG -B	ANM

FAA Form 8260 - 9 / December 2002 (Computer Generated)

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
ZLC ARTCC BZN TOWER		N W S	OTHER: ASOS	SOURCE: KBZN
	X	F A A		DISTANCE:
SATISFACTORY ON:		A / C		HOURS REMOTE OPERATION:
X V H F X U H F H F	LOCATION: KBZN			ADJUSTMENT: 0

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	
5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
	X	MALSR 12 (PCL)
	X	HIRL 12 (PCL), 30 (PCL)
		MIRL
	X	REIL 30 (PCL)
		TDZ
		C/LINE
	X	OTHER (SPECIFY) VASI-4L 12, 30
6. RUNWAY MARKINGS	BASIC	BSC-G 21; -F 03
	ALL WEATHER	PIR-F 12, 30
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 4424.9
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 52.5
9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD — FT. FROM THRESHOLD
	X	ON CENTERLINE — FT. FROM CENTERLINE

10. WAIVERS:

WAIVER 8260.19D, PARA 852, B(3) INTERMEDIATE FIX NOT PUBLISHED IN PROFILE - (MULTIPLE INTERMEDIATES).

PART D - PREPARED BY: EDWIN SIZEMORE	DATE: 08/07/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-354

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PROCEDURE NA WITH RASS.
VGSI DATA: 3.00/55.
ASOS IS ON SERVICE A.

SEE ATTACHED AIRSPACE LETTER.
VEB DATA: SEE ATTACHED SPREADSHEETS.

$ RNP LEVEL REDUCED TO SUPPORT MINIMUM LENGTH AND DESCENT GRADIENTS.

VEGATATION INSIDE 5 NM FROM APT 30 FT PER FPO.
NO SUITABLE BACKUP ALTIMETER AVAILABLE.

MISSED APPROACH: FAAO 8260.52, PARA 4.2 (STANDARD RNP MA).

34:1 PENETRATION FPO NOTIFIED
KBZNT0001 4432 MSL GROUND 454723.43N/1110959.66W 20.49
20:1 PENETRATION FPO NOTIFIED
KBZNT0001 4432 MSL GROUND 454723.43N/1110959.66W 15.87

RF CENTER POINT/TURN DATA:

SEGMENT	ALT	KIAS	KTAS	HAA	VKTW	TR	BA
KASRE-WINIX	8474	180	210.51	4000.6	6.09	3.00	19.59
WINIX-TETBY	8169	180	209.41	3695.6	56.96	3.00	19.04
TETBY-JURAL	7263	180	206.15	2789.6	50.00	3.00	17.70
HETSI-HAXAG	8300	240	279.84	3826.6	58.27	5.50	19.29

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
INTERMEDIATE	WOMET	WINIX	17. AAO	453724.00N/1111727.00W	5985 (2C)	500	AC98 AT924 VEB593	8100
(RNP 1.00)			18. TERRAIN	453724.00N/1111727.00W	5785 (5800)		AS1500	7300
INITIAL	LVM VOR/DME	JAPER	19. AAO	454158.36N/1104555.70W	7733 (2A)	1000	AC3 PR166	9000
(RNP 1.00)			20. TERRAIN	454158.36N/1104555.70W	7520 (7500)		AS1500	9000
INITIAL SD	JAPER	GATEY	21.TOWER (30-000108)	454135.00N/1105901.00W	5884 (4D)	1000	AC50 AT2066	9000
(RNP 1.00)			22. TERRAIN	454136.00N/1105930.00W	5512 (5500)		AS1500	7000
INTERMEDIATE	GATEY	KASRE	23. AAO	453832.14N/1111519.38W	5719 (2C)	500	AC20 AT 1520 VEB541	8300
(RNP 1.00)			24. TERRAIN	453833.00N/1111518.00W	5512 (5500)		AS1500	7000
INTERMEDIATE SD	KASRE	WINIX	25. AAO	454515.00N/1112045.00W	4790 (4E)	500	AC98 AT2461 VEB251	8100
(RNP 0.40) $			26. TERRAIN	454524.00N/1112054.00W	4584 (4600)		AS1500	6100
INTERMEDIATE SD	WINIX	TETBY	27. AAO	454858.64N/1112056.08W	4689 (2C)	500	AC20 AT1864 VEB127	7200
(RNP 0.40) $			28. TERRAIN	454818.00N/1112245.00W	4754 (4800)		AS1500	6300
INTERMEDIATE SD	TETBY	JURAL	29. AAO	454921.98N/1112055.04W	4659 (2C)	500	AC20 AT307 VEB114	5600
(RNP 0.40) $			30. TERRAIN	454954.00N/1112048.00W	4459 (4500)		AS1000	5500
FINAL	JURAL	DA	31. TREE	454740.71N/1111058.65W	4449 (2C)	VEB	AC20 MA43	4791/348
(RNP 0.30)								
2. PROCEDURE TURN								
3. MISSED APPROACH MAP:								
ELEV:								

4. CIRCLING	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	
CATEGORY B	1.5 NM	450	
CATEGORY C	1.7 NM	450	
CATEGORY D	2.3 NM	550	
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG / DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG / DIST	ELEVATION (MSL)	M S A

CITY AND STATE	AIRPORT & ELEVATION	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
BOZEMAN, MT	BOZEMAN YELLOWSTONE INTL 4473	RNAV	RNAV (RNP) Z RWY 12, ORIG-B	ANM

FAA Form 8260 - 9 / December 2002 (Computer Generated)

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
SATISFACTORY ON:	☐ N W S	OTHER:	SOURCE:
	☐ F A A		DISTANCE:
	☐ A / C		HOURS REMOTE OPERATION:
☐ V H F ☐ U H F ☐ H F	LOCATION:		ADJUSTMENT:

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	
5. APPROACH & RUNWAY LIGHTING	☐	**ALS**
	☐	**(S) SALS**
	☐	**MALS**
	☐	**HIRL**
	☐	**MIRL**
	☐	**REIL**
	☐	**TDZ**
	☐	**C/LINE**
	☐	**OTHER (SPECIFY)**
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:
9. FINAL APPROACH COURSE AIMING	☐ RUNWAY THRESHOLD	FT. FROM THRESHOLD
	☐ ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS:

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
MISSED APPROACH	DA	RW12	31. TREE	454740.71N/1111058.65W	4449 (2C)	ASC	AC20	
(RNP 0.30-1.00)								
MISSED APPROACH	RW12	HETSI				ASC		
(RNP 0.30-1.00)		(40:1)						
MISSED APPROACH	HETSI	HAXAG				ASC		
(RNP 1.00)		(40:1)						
MISSED APPROACH	HAXAG	THESE				ASC		
(RNP 1.00)		(40:1)						
MISSED APPROACH	DA	THESE				ASC		
(RNP 0.30-1.00)		LEVEL SURFACE	32. AAO	453507.05N/1110333.46W	6117 (2C)	1000	AC20 MEA1163	8300
			33. TERRAIN	453507.05N/1110333.46W	5917 (5900)		AS1500	7400
2. PROCEDURE TURN								
3. MISSED APPROACH MAP:	DA (SEE ABOVE)							
ELEV:	4506							

4. CIRC_ING	DISTANCE		HT. ABV. ARPT.		
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	
CATEGORY B	1.5 NM		450		
CATEGORY C	1.7 NM		450		
CATEGORY D	2.3 NM		550		
CATEGORY E	4.5 NM		550		

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG / DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG / DIST	ELEVATION (MSL)	M S A

CITY AND STATE	AIRPORT & ELEVATION	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
BOZEMAN, MT	BOZEMAN YELLOWSTONE INTL 4473	RNAV	RNAV (RNP) Z RWY 12, ORIG -B	ANM

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
SATISFACTORY ON:		N W S	OTHER:	SOURCE:
		F A A		DISTANCE:
		A / C		HOURS REMOTE OPERATION:
V H F / U H F / H F	LOCATION:			ADJUSTMENT:

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	
5. APPROACH & RUNWAY LIGHTING		**ALS**
		(S) SALS
		MALS
		HIRL
		MIRL
		REIL
		TDZ
		C/LINE
		OTHER (SPECIFY)
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:
9. FINAL APPROACH COURSE AIMING	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS:

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS: