Flight Procedure Tracking Form	Action: AMENDMENT	Task Type: IAP	Date Open: 02/27/2012	Task #: 2012022726470801004	Request #: 20120227264708
Procedure: RNAV (GPS) Y RWY 12 AMDT 0-A		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
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.

AUG 23 2012

AUG 23 2012

US 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
HIA VOR/DME	HEBIV (FB)	065.36 / 19.00	9500
HEBIV	THESE (FB)	065.66 / 7.87	8300
LVM VOR/DME	QIVHY (FB)	278.01 / 32.00	12300
QIVHY	FEVIM (FO)	277.51 / 10.93	9000
RANEY	POPWI (FB)	340.34 / 14.00	10000
POPWI	FEVIM (FO)	340.31 / 12.50	8000
THESE (IAF)	FEVIM (NOPT) (FB)	074.31 / 5.91	8000
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW12

CLIMB TO 8300 DIRECT WOLAT AND RIGHT TURN ON TRACK 228.51 TO CISED AND ON TRACK 316.88 TO THESE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW FEVIM, RT, 122.59 INBOUND, 8000 FT. IN LIEU OF PT (IAF)
3. FAC: 122.67 FAF: OLENY DIST FAF TO MAP: 7.15 THLD: 7.15
4. MIN. ALT: FEVIM 8000, HAYCI 7300, OLENY 6800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 6800 GS ALT AT: OLENY 6800 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 52.5 34:1 IS CLEAR
8. MSA FROM: RW12 12300

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 074.31 INBOUND.
CHART FAS OBST: 4455 POLE 454715N/1111010W
FAS OBST: 4529 AAO 454954N/1111404W
DISTANCE TO THLD FROM 250 HAT: 0.68 NM.
CHART VDP AT 1.51 MILES TO RW12* *LNAV ONLY.
WAAS CHANNEL # 72816
REFERENCE PATH ID: W12A
LTP HAE: 1337.3 M

MAG VAR: 13E EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: 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
LPV DA	4693	1/2	250	4693	1/2	250	4693	1/2	250	4693	1/2	250			
LNAV/VNAV DA	5094	1 3/4	651	5094	1 3/4	651	5094	1 3/4	651	5094	1 3/4	651			
LNAV MDA	4960	1/2	517	4960	1/2	517	4960	1	517	4960	1 1/4	517			
CIRCLING	4960	1	487	4960	1	487	4960	1 1/2	487	5040	2	567			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23C (-9F) OR ABOVE 49C (121F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV DA ALL CATS VISIBILITY TO 1 MILE.
(SEE FORM 8260-10)

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 (GPS) Y RWY 12, ORIG-A	AMDT: ORIG
				DATED 07/29/2010

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] **AMGR, BZN ATCT.**

FLIGHT CHECKED BY		
NAME: **FLIGHT INSPECTION NOT REQUIRED, DEZ SILAGYI, MANAGER**	FIFO **AJV-354**	DATE:
DEVELOPED BY		
NAME: **EDWIN SIZEMORE**	FIFO **AJV-354**	DATE: **08/03/2012**
APPROVED BY		
NAME: **DEZ SILAGYI**	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.

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GODFE (IAF)	FEVIM (NOPT) (FB)	162.51 / 18.51	8000
FEVIM (IF/IAF)	HAYCI (FB)	122.59 / 4.80	7300
HAYCI	OLENY (FB)	122.65 / 2.05	6800
OLENY (FAF)	RW12 (MAP) (FO)	122.67 / 7.15	
RW12 (MAP)	4693 MSL	122.67	
4693 MSL	WOLAT (FB)		
WOLAT	CISED (FB)	228.51/10.00	
CISED	THESE (FO)	316.88/21.29	8300

NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LVM VOR/DME ON V2 SOUTHEAST BOUND AND AT THESE ON V343 NORTHWEST BOUND AND AT GODFE ON V365-536 NORTHWEST BOUND.

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 (GPS) Y RWY 12, ORIG-A	AMDT: ORIG
				DATED: 07/29/2010

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:

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBZN
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	454717.1070N
LTP/FTP LONGITUDE	1110959.3340W
LTP/FTP ELLIPSOIDAL HEIGHT	+13373
FPAP LATITUDE	454608.1700N
FPAP LONGITUDE	1110823.4200W
THRESHOLD CROSSING HEIGHT (TCH)	00052.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0232
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	648101BC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+13487
FPAP ORTHOMETRIC HEIGHT	+13487

QUALITY CHECKED 1

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 (GPS) Y RWY 12, ORIG-A	AMDT: ORIG
				DATED: 07/29/2010

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 (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        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      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CISED K10    W     N45383809W111170834                    E0126     NAR          CISED
        SUSAEAENRT   FEVIM K10    W     N45571789W111235931                    E0127     NAR          FEVIM
        SUSAEAENRT   GODFE K10    C   L N46154490W111260388                    E0127     NAR          GODFE
        SUSAEAENRT   HAYCI K10    W     N45535211W111191075                    E0126     NAR          HAYCI
        SUSAEAENRT   HEBIV K10    C     N45552928W111433106                    E0128     NAR          HEBIV
        SUSAEAENRT   OLENY K10    W     N45522420W111170776                    E0126     NAR          OLENY
        SUSAEAENRT   POPWI K10    W     N45445324W111215406                    E0126     NAR          POPWI
        SUSAEAENRT   QIVHY K10    W     N45532912W111091902                    E0125     NAR          QIVHY
        SUSAEAENRT   RANEY K10    C   L N45305911W111193494                    E0126     NAR          RANEY
        SUSAEAENRT   THESE K10    C   L N45570159W111322710                    E0127     NAR          THESE
        SUSAEAENRT   WOLAT K10    W     N45432492W111043668                    E0125     NAR          WOLAT

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBZNK1ABZN     0     089YHN45463926W111090728E013004473        1800018000C    MNAR    BOZEMAN YELLOWSTONE INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBZNK1FR12-Y AGODFE 010GODFEK1EA0E  A    IF                                                18000                A JS
        SUSAP KBZNK1FR12-Y AGODFE 020FEVIMK1EA0EE B 010TF                    16250185    + 08000                              A JS
        SUSAP KBZNK1FR12-Y AHIA   010HIA  K1D 0V       IF                                                18000                A JS
        SUSAP KBZNK1FR12-Y AHIA   020HEBIVK1EA0E    020TF                    06540190                                           A JS
        SUSAP KBZNK1FR12-Y AHIA   030THESEK1EA0E  A 020TF                    06570079    + 08300                              A JS
        SUSAP KBZNK1FR12-Y AHIA   040FEVIMK1EA0EE B 010TF                    07430059    + 08000                              A JS
        SUSAP KBZNK1FR12-Y ALVM   010LVM  K1D 0V       IF                                                18000                A JS
        SUSAP KBZNK1FR12-Y ALVM   020QIVHYK1EA0E    020TF                    27800320                                           A JS
        SUSAP KBZNK1FR12-Y ALVM   030FEVIMK1EA0EY   020TF                    27750109    + 09000                              A JS
        SUSAP KBZNK1FR12-Y ALVM   040FEVIMK1EA0EE AR   HF                    12260070    + 08000                              A JS
        SUSAP KBZNK1FR12-Y ARANEY 010RANEYK1EA0E       IF                                                18000                A JS
        SUSAP KBZNK1FR12-Y ARANEY 020POPWIK1EA0E    020TF                    34030140                                           A JS
        SUSAP KBZNK1FR12-Y ARANEY 030FEVIMK1EA0EY   020TF                    34030125    + 08000                              A JS
        SUSAP KBZNK1FR12-Y ARANEY 040FEVIMK1EA0EE AR   HF                    12260070    + 08000                              A JS
        SUSAP KBZNK1FR12-Y ATHESE 010THESEK1EA0E  A    IF                                                18000                A JS
```

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 (GPS) Y RWY 12, ORIG-A	AMDT: ORIG
				DATED: 07/29/2010

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 KBZNK1FR12-Y ATHESE 020FEVIMK1EA0EE B 010TF                    07430059    + 08000                          A JS
SUSAP KBZNK1FR12-Y R      010FEVIMK1EA0E  I    IF                                + 08000     18000                A JS
SUSAP KBZNK1FR12-Y R      011HAYCIK1EA0E S  051TF                    12260048    + 07300                          A JS
SUSAP KBZNK1FR12-Y R      020OLENYK1EA1E  F 051TF                    12270021    + 06800                 RW12  K1PGA JS
SUSAP KBZNK1FR12-Y R      020OLENYK1EA2WALPV       ALNAV/VNAV ALNAV                                                JS
SUSAP KBZNK1FR12-Y R      030RW12 K1PG0GY M 031TF                    12270072      04477            -300          A JS
SUSAP KBZNK1FR12-Y R      040         0  M     CA                    1227        + 04693                          A JS
SUSAP KBZNK1FR12-Y R      050WOLATK1EA0E       DF                                                                 A JS
SUSAP KBZNK1FR12-Y R      060CISEDK1EA0E   R010TFY                   2285                                          A JS
SUSAP KBZNK1FR12-Y R      070THESEK1EA0EY   010TF                    3169        + 08300                          A JS
SUSAP KBZNK1FR12-Y R      080THESEK1EA0EE  R   HM                    07430070    + 08300                          A JS
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                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBZNK1GRW12    0089941228 N45471711W111095933+0400    +1337304425000053150I
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                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBZNK1PR12-Y RW12 001Y0000W12A0N4547171070W11109593340+133730300N4546081700W111082342001067502320005 25F400500648101BC
        SUSAP KBZNK1PR12-Y RW12 002E      +13487+13487LPV       72816
```

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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
```

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 (GPS) Y RWY 12, ORIG-A	AMDT: ORIG
				DATED: 07/29/2010

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 (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	GODFE	GODFE	010	IAF	IF		FB					
	GODFE	FEVIM	020		TF		FB	1.0	162.5(175.5T)	018.5	AA 08000	
	HIA	HIA	010		IF		FB					
	HIA	HEBIV	020		TF		FB	2.0	065.4(078.4T)	019.0		
	HIA	THESE	030	IAF	TF		FB	2.0	065.7(078.7T)	007.9	AA 08300	
	HIA	FEVIM	040		TF		FB	1.0	074.3(087.3T)	005.9	AA 08000	
	LVM	LVM	010		IF		FB					
	LVM	QIVHY	020		TF		FB	2.0	278.0(291.0T)	032.0		
	LVM	FEVIM	030		TF		FO	2.0	277.5(290.5T)	010.9	AA 09000	
	LVM	FEVIM	040	IAF	HF	R	FO		122.6(135.6T)	007.0	AA 08000	
	RANEY	RANEY	010		IF		FB					
	RANEY	POPWI	020		TF		FB	2.0	340.3(353.3T)	014.0		
	RANEY	FEVIM	030		TF		FO	2.0	340.3(353.3T)	012.5	AA 08000	
	RANEY	FEVIM	040	IAF	HF	R	FO		122.6(135.6T)	007.0	AA 08000	
	THESE	THESE	010	IAF	IF		FB					
	THESE	FEVIM	020		TF		FB	1.0	074.3(087.3T)	005.9	AA 08000	
		FEVIM	010	FACF	IF		FB				AA 08000	
		HAYCI	011	SDF	TF		FB	0.5	122.6(135.6T)	004.8	AA 07300	
		OLENY	020	FAF	TF		FB	0.5	122.7(135.7T)	002.1	AA 06800	
		RW12	030	MAP	TF		FO	0.3	122.7(135.7T)	007.2	AT 04477	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		122.7(135.7T)		AA 04693	
	WOLAT	050		DF		FB					
	CISED	060		TF	R	FB	1.0	228.5(241.5T)			
	THESE	070		TF		FO	1.0	316.9(329.9T)		AA 08300	
	THESE	080		HM	R	FO		074.3(087.3T)	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
	CISED	N453838.09	W1111708.34	N4538.635	W11117.139
	FEVIM	N455717.89	W1112359.31	N4557.298	W11123.989
	GODFE	N461544.90	W1112603.88	N4615.748	W11126.065
	HAYCI	N455352.11	W1111910.75	N4553.869	W11119.179
	HEBIV	N455529.28	W1114331.06	N4555.488	W11143.518
	OLENY	N455224.20	W1111707.76	N4552.403	W11117.129
	POPWI	N454453.24	W1112154.06	N4544.887	W11121.901
	QIVHY	N455329.12	W1110919.02	N4553.485	W11109.317
	RANEY	N453059.11	W1111934.94	N4530.985	W11119.582

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 (GPS) Y RWY 12, ORIG-A**	AMDT: **ORIG**
				DATED: **07/29/2010**

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:

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.

THESE	N455701.59	W1113227.10	N4557.027	W11132.452
WOLAT	N454324.92	W1110436.68	N4543.415	W11104.611
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.
FEEDER	HIA VOR/DME	HEBIV	1. AAO	455636.00N/1120203.00W	7326 (4E)	2000	AT174	9500
			2. TERRAIN	455636.00N/1120203.00W	7126 (7100)		AS1500	8600
FEEDER	HEBIV	THESE	3. AAO	455139.00N/1114503.00W	5958 (4E)	2000	AT342	8300
			4. TERRAIN	455301.60N/1113931.30W	5488 (5500)		AS1500	7000
FEEDER	LVM VOR/DME	QIVHY	5. AAO	455341.80N/1105801.20W	9850 (4E)	2000	AT450	12300
			6. TERRAIN	455341.80N/1105801.20W	9650 (9700)		AS1500	11200
FEEDER	QIVHY	FEVIM	7. AAO	455921.00N/1111754.00W	6664 (4E)	2000	AT336	9000
			8. TERRAIN	455921.00N/1111754.00W	6464 (6500)		AS1500	8000
FEEDER	RANEY	POPWI	9. AAO	453139.00N/1111906.00W	7451 (4E)	2000	AT549	10000
			10. TERRAIN	453139.00N/1111906.00W	7251 (7300)		AS1500	8800
FEEDER	POPWI	FEVIM	11. AAO	455730.00N/1111815.00W	5699 (4E)	2000	AT301	8000
			12. TERRAIN	455730.00N/1111815.00W	5499 (5500)		AS1500	7000
INITIAL	THESE	FEVIM	13. AAO	460030.00N/1113021.00W	5867 (4E)	1000	AT1133	8000
			14. TERRAIN	460030.00N/1113021.00W	5667 (5700)		AS1500	7200
2. HOLD-IN-LIEU-OF-PT	FEVIM	P-10	7. AAO	455921.00N/1111754.00W	6664 (4E)	1000	PR97	7800
			8. TERRAIN	455921.00N/1111754.00W	6464 (6500)		AS1500	8000
3. MISSED APPROACH MAP:	DA / DA / RW12	THESE	15. AAO	454419.01N/1105954.95W	6079 (2C)	ASC	AC20	8300
			15. AAO	454419.01N/1105954.95W	6079 (2C)	1000		7100
ELEV:	4481/4766/4652		16. TERRAIN	454419.01N/1105954.95W	5879 (5900)		AS1500	7400

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	ACTUAL
CATEGORY A	1.3 NM	350	487
CATEGORY B	1.5 NM	450	487
CATEGORY C	1.7 NM	450	487
CATEGORY D	2.3 NM	550	567
CATEGORY E	4.5 NM	550	

24. ANTENNA MAST	454544.49N/1110853.78W	4627 (1B)		SI	4960
24. ANTENNA MAST	454544.49N/1110853.78W	4627 (1B)	300	SI	4960
24. ANTENNA MAST	454544.49N/1110853.78W	4627 (1B)	300	SI	4960
24. ANTENNA MAST	454544.49N/1110853.78W	4627 (1B)	300	HAA	5040

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/ 26.6	11240 (4E)	12300					

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
BOZEMAN, MT	ELEVATION: 4473 AIRPORT NAME: BOZEMAN YELLOWSTONE INTL	RNAV	RNAV (GPS) Y RWY 12, ORIG-A	ANM

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
ZLC ARTCC BZN TOWER		N W S	OTHER: ASOS	SOURCE: KBZN
		F A A		DISTANCE:
		A / C		HOURS REMOTE OPERATION:
SATISFACTORY ON:				
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	
	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: **NONE**

PART D - PREPARED BY:	DATE:
EDWIN SIZEMORE	08/03/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-354

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

ASOS ON SERVIVE A.
BLOCK 2. WEATHER SERVICE, HRS OPTN:24
BLOCK 3. ALTIMETER SETTING, SOURCE: KBZN, DISTANCE: 0, ADJUSTMENT:0.

SEE ATTACHED AIRSPACE LETTER.

VEGATATION INSIDE 5NM FROM APT 30FT PER FPO.

NO SUITABLE BACKUP ALTIMETER AVAILABLE.

LNAV MISSED OBS:
#25. 5659 AAO (2C) 454414.55N/1110025.82W

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	FEVIM	17. AAO	455748.00N/1112112.00W	5706 (4E)	1000	AT1294	8000
			18. TERRAIN	455748.00N/1112112.00W	5506 (5500)		AS1500	7000
INTERMEDIATE	FEVIM (IF/IAF)	HAYCI	7. AAO	455921.00N/1111754.00W	6664 (4E)	500	AC98	7300
			8. TERRAIN	455848.00N/1111842.00W	6123 (6100)		AS1000	7100
INTERMEDIATE:	HAYCI	OLENY	19. AAO	455527.73N/1111731.15W	5441 (2C)	500	AT859	6800
STEPDOWN			20. TERRAIN	455539.00N/1111624.00W	5345 (5300)		AS1500	6800
FINAL: LPV	OLENY	RW12	21. APPROACH LIGHT	454726.36N/1111012.04W	4436 (1A)	27.03:1		4693/250
			(KBZN0002)					
FINAL: LNAV/VNAV	OLENY	RW12	22. POLE (KBZN0010)	454715.05N/1111010.43W	4455 (2A)	PDA	MA389	5094/651
FINAL: LNAV	OLENY	RW12	23. AAO	454954.19N/1111404.36W	4529 (2C)	250	MA120 XL58	4960

3. MISSED APPROACH									
	MAP:								
	ELEV:								

4. CIRCLING AREA	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		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
BOZEMAN, MT	ELEVATION: 4473 AIRPORT NAME: BOZEMAN YELLOWSTONE INTL	RNAV	RNAV (GPS) Y RWY 12, ORIG-A	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: