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
CRANY	JIGAX (FB)	065.53 / 11.69	8200
RLY VOR/DME	WULAX (FB)	337.61 / 16.19	6800
JIGAX (IAF)	PAYIL (NOPT) (FB)	065.42 / 5.00	6400
WULAX (IAF)	PAYIL (NOPT) (FB)	335.51 / 5.00	6400
PAYIL (IF/IAF)	HUGAX (FB)	335.49 / 5.99	5900
HUGAX (FAF)	WIPAL/3.50 NM TO RW34 (FB)	336.10 / 2.57	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW34

CLIMBING LEFT TURN TO 9000 DIRECT CRANY AND HOLD, CONTINUE CLIMB-IN-HOLD 9000.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 298.37 INBOUND.
CHART FAS OBST: 4059 TREE 443003N/1080505W
4167 AAO 442654N/1080430W
4259 AAO 442512N/1080416W
CHART VDP AT 2.48 MILES TO RW34.
HUGAX TO RW34:3.00/50

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE PAYIL, RT, 335.49 INBOUND, 6400 FT. IN LIEU OF PT (IAF)
3. FAC: 336.10 FAF: HUGAX DIST FAF TO MAP: 6.07 THLD: 6.07
4. MIN. ALT: PAYIL 6400, HUGAX 5900, WIPAL/3.50 NM TO RW34 5080
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW34 11600

MAG VAR: 14E EPOCH YEAR: 1985

MINIMUMS

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

ALTERNATE: N A @

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
LNAV MDA	4760	1	844	4760	1 1/4	844	4760	2 1/2	844	4760	2 1/2	844			
CIRCLING	4760	1	818	4760	1 1/4	818	4760	2 1/2	818	5220	3	1278			

NOTES:
CHART NOTE: CIRCLING TO RWY 7 NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WORLAND ALTIMETER SETTING AND INCREASE (SEE FORM 8260-10)

@ CAT A, B 900-2, CAT C 900-2 1/2, CAT D 1300-3
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 3942 THRE: 3916	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
GREYBULL, WY	AIRPORT NAME: SOUTH BIG HORN COUNTY	RNAV	RNAV (GPS) RWY 34, AMDT 1	SUP: RNAV (GPS) RWY 33 AMDT: ORIG DATED 03/15/2007

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] **ZLC, GEY AMGR**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: **VICTOR B. NASO**	FIFO **AJV-354**	DATE: **06/03/2012**
APPROVED BY		
NAME: **DEZ SILAGYI** **MANAGER**	FIFO **AJV-354**	DATE:

CHANGES:

1. VDP MOVED FROM 1.53 NM TO 2.41 NM.
2. TCH RAISED FROM 40 TO 50 FT.
3. FINAL COURSE CHANGED FROM 335.48 TO 336.10.
4. STEP DOWN ADDED TO FINAL.
5. LNAV MINIMA AND VISIBILITY RAISED FROM A, B 4440-1, C 4440-1 1/2, 4440-1 3/4 TO CAT A 4760-1, B 4760-1 1/4, C, D 4760-2 1/2.
6. CHART NOTE CHANGED FROM CIRCLING TO RWY 7/25 NA AT NIGHT, TO CIRCLING TO RWY 7 NA AT NIGHT.
7. ADDED CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
8. CHANGED CHART NOTE FROM: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE WORLAND MUNI ALTIMETER SETTING AND INCREASE ALL MDAS 120 FT. TO: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WORLAND ALTIMETER SETTING AND INCREASE MDAS 120 FEET AND VISIBILITY CATS A, B 1/4 MILE, C, D 1/2 MILE.

REASONS:

1. MDA RAISED DUE TO NEW CRITERIA AND CONTROLLING OBSTRUCTIONS.
2. TO COINCIDE WITH VGSI.
3. DUE TO NEW RUNWAY DATA.
4. NEW CRITERIA REQUIRING AAO USE IN FINAL TO LOWER MDA.
5. NEW CONTROLLING OBSTRUCTIONS.
6. NO LONGER REQUIRED FOR RWY 25, OBSTACLES NO LONGER A FACTOR.
7. 8260.19E REQUIREMENT DUE TO 20:1 PENETRATION.
8. IAW 8260.19E FOR BACK UP ALTIMETER.

QUALITY CHECKED

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WIPAL/3.50 NM TO RW34	RW34 (MAP) (FO)	336.08 / 3.50	
RW34 (MAP)	4342 MSL	336.08	
4342 MSL	CRANY (FO)		9000

NOTES, (CONT.):
ALL MDA 120 FEET AND VISIBILITY ALL CATS A, B 1/4 MILE, C, D 1/2 MILE.
CHART NOTE: VDP NA WITH WORLAND ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT CRANY ON V187 SOUTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT RLY VOR/DME ON V319 SOUTHEAST BOUND.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 3942 THRE: 3916	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 33
GREYBULL, WY	AIRPORT NAME: SOUTH BIG HORN COUNTY	RNAV	RNAV (GPS) RWY 34, AMDT 1	AMDT: ORIG
				DATED: 03/15/2007

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  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        RLY   K1011480VDLW N43575090W107570302    N43575090W107570302E0130042041     NARWORLAND

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CRANY K10    C   L N44154564W108242747                      E0110     NAR           CRANY
        SUSAEAENRT   HUGAX K10    W     N44244032W108030760                      E0108     NAR           HUGAX
        SUSAEAENRT   JIGAX K10    W     N44175204W108082690                      E0109     NAR           JIGAX
        SUSAEAENRT   PAYIL K10    W     N44184692W108013617                      E0108     NAR           PAYIL
        SUSAEAENRT   WIPAL K10    W     N44271232W108034464                      E0108     NAR           WIPAL
        SUSAEAENRT   WULAX K10    W     N44135193W108002011                      E0108     NAR           WULAX

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGEYK1AGEY     0     070YHN44310460W108045880E014003942         1800018000C    MNAR    SOUTH BIG HORN COUNTY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGEYK1FR34   ACRANY 010CRANYK1EA0E       IF                                                18000                B JS
        SUSAP KGEYK1FR34   ACRANY 020JIGAXK1EA0E  A 020TF                    06550117    + 08200                                B JS
        SUSAP KGEYK1FR34   ACRANY 030PAYILK1EA0EE B 010TF                    06540050    + 06400                                B JS
        SUSAP KGEYK1FR34   APAYIL 010PAYILK1EA0EE AR   HF                    33550070    + 06400     18000                      B JS
        SUSAP KGEYK1FR34   ARLY   010RLY  K1D 0V       IF                                                18000                B JS
        SUSAP KGEYK1FR34   ARLY   020WULAXK1EA0E  A 020TF                    33760162    + 06800                                B JS
        SUSAP KGEYK1FR34   ARLY   030PAYILK1EA0EE B 010TF                    33550050    + 06400                                B JS
        SUSAP KGEYK1FR34   R      010PAYILK1EA0E  I    IF                                + 06400     18000                      B JS
        SUSAP KGEYK1FR34   R      020HUGAXK1EA1E  F 051TF                    33550060    + 05900                    RW34  K1PGB JS
        SUSAP KGEYK1FR34   R      020HUGAXK1EA2WN          N          ALNAV                                                      JS
        SUSAP KGEYK1FR34   R      021WIPALK1EA0E S  031TF                    33610026    V 0508005081        -300                B JS
        SUSAP KGEYK1FR34   R      030RW34 K1PG0GY M 031TF                    33610035      03966             -300                B JS
        SUSAP KGEYK1FR34   R      040          0  M     CA                   3361        + 04342                                B JS
        SUSAP KGEYK1FR34   R      050CRANYK1EA0EY  L   DF                                + 09000                                B JS
        SUSAP KGEYK1FR34   R      060CRANYK1EA0EE  R   HM                    29840070    + 09000                                B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGEYK1GRW34    0070023355 N44303918W108043513-0200    +1181003916000050150R
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 3942 THRE: 3916	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 33
GREYBULL, WY	AIRPORT NAME: SOUTH BIG HORN COUNTY	RNAV	RNAV (GPS) RWY 34, AMDT 1	AMDT: ORIG
				DATED: 03/15/2007

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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```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGEYK1SRW34 K1PG                0   18018011625                                                                          M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 3942 THRE: 3916	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 33
GREYBULL, WY	AIRPORT NAME: SOUTH BIG HORN COUNTY	RNAV	RNAV (GPS) RWY 34, AMDT 1	AMDT: ORIG
				DATED: 03/15/2007

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
	CRANY	CRANY	010		IF		FB					
	CRANY	JIGAX	020	IAF	TF		FB	2.0	065.5(079.5T)	011.7	AA 08200	
	CRANY	PAYIL	030		TF		FB	1.0	065.4(079.4T)	005.0	AA 06400	
	PAYIL	PAYIL	010	IAF	HF	R	FO		335.5(349.5T)	007.0	AA 06400	
	RLY	RLY	010		IF		FB					
	RLY	WULAX	020	IAF	TF		FB	2.0	337.6(351.6T)	016.2	AA 06800	
	RLY	PAYIL	030		TF		FB	1.0	335.5(349.5T)	005.0	AA 06400	
		PAYIL	010	FACF	IF		FB				AA 06400	
		HUGAX	020	FAF	TF		FB	0.5	335.5(349.5T)	006.0	AA 05900	
		WIPAL	021	SDF	TF		FB	0.3	336.1(350.1T)	002.6	AA 05080 GS 05081	
		RW34	030	MAP	TF		FO	0.3	336.1(350.1T)	003.5	AT 03966	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		336.1(350.1T)		AA 04342	
	CRANY	050		DF	L	FO				AA 09000	
	CRANY	060		HM	R	FO		298.4(312.4T)	007.0	AA 09000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	RLY	N435750.90	W1075703.02	N4357.848	W10757.050
	CRANY	N441545.64	W1082427.47	N4415.761	W10824.458
	HUGAX	N442440.32	W1080307.60	N4424.672	W10803.127
	JIGAX	N441752.04	W1080826.90	N4417.867	W10808.448
	PAYIL	N441846.92	W1080136.17	N4418.782	W10801.603
	WIPAL	N442712.32	W1080344.64	N4427.205	W10803.744
	WULAX	N441351.93	W1080020.11	N4413.866	W10800.335
	RW34	N443039.18	W1080435.13	N4430.653	W10804.586

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW34	03916	50

QUALITY CHECKED

CITY AND STATE	ELEVATION: 3942 THRE: 3916	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 33
GREYBULL, WY	AIRPORT NAME: SOUTH BIG HORN COUNTY	RNAV	RNAV (GPS) RWY 34, AMDT 1	AMDT: ORIG
				DATED: 03/15/2007

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	CRANY	JIGAX	1. AAO	441409.00N/1082527.00W	5256 (4E)	2000	AT944	8200
			2. TERRAIN	441409.00N/1082527.00W	5056 (5100)		AS1500	6600
FEEDER	RLY VOR/DME	WULAX	3. AAO	440048.00N/1080300.00W	4725 (4E)	2000		6800
			4. TERRAIN	440048.00N/1080300.00W	4525 (4500)		AS1500	6000
INITIAL	JIGAX	PAYIL	5. AAO	441733.00N/1080942.00W	4515	1000	AT885	6400
			6. TERRAIN	441733.00N/1080942.00W	4315 (4300)		AS1500	5800
INITIAL	WULAX	PAYIL	7. AAO	441330.00N/1080300.00W	4528 (4E)	1000	AT872	6400
			8. TERRAIN	441330.00N/1080300.00W	4328 (4300)		AS1500	5800
INTERMEDIATE	PAYIL (IF/IAF)	HUGAX	9. AAO	441919.17N/1075835.81W	4525 (2A)	500	DG875	5900
			10. TERRAIN	441927.00N/1075857.00W	4273 (4300)		AS1500	5800
FINAL: LNAV	HUGAX	WIPAL/3.50 NM TO RW34	11. AAO	442618.59N/1080419.46W	4159 (2C)	250	DG667 XL4	5080
FINAL: LNAV STEPDOWN	WIPAL	RW34	12. TREE	443002.63N/1080505.26W	4059 (2C)	250	MA430	4760
2. HOLD-IN-LIEU-OF-PT	PAYIL	P-9	13. AAO	441045.00N/1080648.00W	4954 (4E)	1000	AT446	6400
			14. TERRAIN	441045.00N/1080648.00W	4754 (4800)		AS1500	6300
3. MISSED APPROACH MAP:	RW34	CRANY	15. AAO	443410.76N/1080351.11W	4999 (2C)	ASC		9000
			16. AAO	441826.27N/1082742.90W	6099 (2C)	1000		7100
ELEV:	4660		17. TERRAIN	441826.27N/1082742.90W	5899 (5900)		AS1500	7400

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	ACTUAL							
CATEGORY A	1.3 NM	350	818	18. TREE	443111.94N/1080725.86W	4199 (2C)	300	SI	4760
CATEGORY B	1.5 NM	450	818	19. TREE	443237.23N/1080311.97W	4359 (2C)	300	SI	4760
CATEGORY C	1.7 NM	450	818	19. TREE	443237.23N/1080311.97W	4359 (2C)	300	SI	4760
CATEGORY D	2.3 NM	550	1278	20. TREE	443351.04N/1080329.04W	4919 (2C)	300		5220
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES

PRIMARY NAVAID: RW34

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	AAO	077/ 28.0	10506 (4E)	11600					

QUALITY CHECKED

CITY AND STATE	ELEVATION: 3942 AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
GREYBULL, WY	SOUTH BIG HORN COUNTY	RNAV	RNAV (GPS) RWY 34, AMDT 1	ANM

FAA Form 8260 - 9 / April 2006 (Computer Generated)

PART B - SUPPLEMENTAL DATA

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

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	

5. APPROACH & RUNWAY LIGHTING	
	ALS
	(S) SALS
	MALS
	HIRL
X	MIRL 16, 34
X	REIL 16, 34
	TDZ
	C/LINE
X	OTHER (SPECIFY) PAPI-4L 16, 34

6. RUNWAY MARKINGS	BASIC	BSC-F 25, 07
	ALL WEATHER	
	INSTRUMENT	NPI-G 16, 34
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			
	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: VICTOR B. NASO	DATE: 06/03/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-354

PART C - REMARKS:

PARA 251, 34:1 PENETRATION.

2. ASOS ON SERVICE A.

3. SOURCE: KGEY/KWRL. DISTANCE: 33.53 NM. HOURS REMOTE OPERATION: 24 HR BACKUP.
VGSI DATA: 3.00/50 TCH.

SEE ATTACHED AIRSPACE LETTER.

60' VEGETATION WITHIN 5 NM PER FPO.

LPV AND LNAV/VNAV NOT DEVELOPED PER FPO REQUEST. LP NOT DEVELOPED IAW AFS-400 MEMO DATED MARCH 6, 2008, PUBLISHING AREA NAVIGATION (RNAV) GLOBAL POSITIONING SYSTEM (GPS) MINIMA RULES. RULE #3 ...PUBLISH AN LP LINE OF MINIMUMS ONLY IF VERTICALLY GUIDED MINIMUMS ARE NOT PUBLISHED, AND A MINIMUM DESCENT ALTITUDE (MDA) THAT IS AT LEAST 20 FEET LOWER THAN LNAV MINIMUMS CAN BE ACHIEVED.

RASS PRESSURE PATTERNS SAME
KWRL 4251.70, KGEY 3941.90
RA = 121.1

CIRCLING NA AT NIGHT TO RWY 7, OBS PENETRATION:
20:1 3955 TREE 443050.27N/1080558.11W (2.92)

TERPS 289 APPLIED TO:
4167 AAO 442654N/1080430W.
4259 AAO 442512N/1080416W.

25 DEGREE BANK ANGLE USED IN MISSED SEGMENT.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

34:1:
3914 TERRAIN 443036.00N/1080433.00W (53.68).
3904 TERRAIN 443036.00N/1080430.00W (43.67).

QUALITY & CHECKED

RADIO FIX AND HOLDING DATA RECORD

INFO ONLY

NAME: CRANY **STATE:** WY **COUNTRY:** US

LATITUDE/LONGITUDE: 441545.64N/1082427.47W **TYPE:** WP, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	WORLAND	RLY	VOR/DME	L	299.37	312.37	26.66	26.66		8500	17500
2	BOYSEN RESERVOIR	BOY	VOR/DME	H	338.46	354.46	48.20	48.20		9000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
BOY	VOR/DME	R-338	49	90	211

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SE		WP	118.37	298.37	R		7	8500	14000	10	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	200' AAO	441810.10N/1083129.20W	6429	6A
1	310	200' AAO	441552.60N/1083619.30W	6495	6A

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 7	KGEY	GREYBULL	WY (US)

REMARKS:
WORLAND (FAC 1) AND BOYSEN RESERVOIR (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V187					(US)
EN ROUTE	V319					(US)
IAP	RNAV (GPS) RWY 22			KCOD	CODY	WY (US)
IAP	RNAV (GPS) RWY 34		1	KGEY	GREYBULL	WY (US)
IAP	RNAV (GPS) RWY 7		1	KGEY	GREYBULL	WY (US)
IAP	RNAV (GPS) RWY 16			KWRL	WORLAND	WY (US)
IAP	RNAV (GPS) RWY 34		1	KWRL	WORLAND	WY (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
1. DELETED FAC 3, NO LONGER REQUIRED.
2. CHANGED MIN HOLDING ALTITUDE ON PAT 1 FROM: 9000; TO: 8500.
3. UPDATED FIX USE.

DEVELOPED BY: **DATE:** 10/20/2011 **OFFICE:** AJV-354 **NAME:** ROY CURRIE

APPROVED BY: **DATE:** 06/26/2012 **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: WST
ARTCC: ZLC
ATC FACILITY:
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: HUGAX **STATE:** WY **COUNTRY:** US

LATITUDE/LONGITUDE: 442440.32N/1080307.60W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 34			KGEY	GREYBULL	WY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
1. REMOVED FACILITY 1.
2. UPDATED FIX USE IAW 8260.19E.
3. FIX MOVED 63.72FT

DEVELOPED BY: **DATE:** 06/03/2012 **OFFICE:** AJV-354 **NAME:** VICTOR NASO

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZLC
ATC FACILITY:
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JIGAX **STATE:** WY **COUNTRY:** US

LATITUDE/LONGITUDE: 441752.04N/1080826.90W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 34			KGEY	GREYBULL	WY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
1. REMOVED FACILITY 1.
2. UPDATED FIX USE IAW 8260.19E

DEVELOPED BY: **DATE:** 06/03/2012 **OFFICE:** AJV-354 **NAME:** VICTOR NASO

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZLC
ATC FACILITY:
OTHER:

QUALITY CHECKED 4

RADIO FIX AND HOLDING DATA RECORD

NAME: PAYIL **STATE:** WY **COUNTRY:** US

LATITUDE/LONGITUDE: 441846.92N/1080136.17W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SE		WP	155.49	335.49	R		7	6400	14000	9	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	441045.00N/1080648.00W	4954	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 34		1	KGEY	GREYBULL	WY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
1. REMOVED FACILITY 1.
2. UPDATED HOLDING OBSTRUCTION (HOLDING NOT EFFECTED).
3. UPDATED FIX USE IAW 8260.19E.

DEVELOPED BY: **DATE:** 06/03/2012 **OFFICE:** AVN-130 **NAME:** VICTOR NASO

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZLC
ATC FACILITY:
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WIPAL **STATE:** WY **COUNTRY:** US

LATITUDE/LONGITUDE: 442712.32N/1080344.64W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 34			KGEY	GREYBULL	WY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/15/2012

DEVELOPED BY: **DATE:** 05/21/2012 **OFFICE:** AJV-354 **NAME:** VICTOR NASO

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: WST
ARTCC: ZLC
ATC FACILITY:
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WORLAND VOR/DME **STATE:** WY **COUNTRY:** US

LATITUDE/LONGITUDE: 435750.90N/1075703.02W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	WORLAND	RLY	VOR/DME	L							17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	N	RLY	VOR/DME	339.00	159.00	R	1-1 1/2		6800	17500	8	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	441046.66N/1080647.70W	4959	2C
1	310	AAO	434951.00N/1080606.00W	5560	2C

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR RWY 16	KWRL	WORLAND	WY (US)
1	TAKE-OFF MINIMUMS	KWRL	WORLAND	WY (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CASPER	1		KCPR	CASPER	WY (US)
DP	TAKE-OFF MINIMUMS	1	1	KWRL	WORLAND	WY (US)
EN ROUTE	V319					(US)
EN ROUTE	V324					(US)
EN ROUTE	V401					(US)
IAP	NDB RWY 34	1		KGEY	GREYBULL	WY (US)
IAP	RNAV (GPS) RWY 34			KGEY	GREYBULL	WY (US)
IAP	RNAV (GPS) RWY 16			KWRL	WORLAND	WY (US)
IAP	VOR RWY 16		1	KWRL	WORLAND	WY (US)

REQUIRED CHARTING: DP, IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
1. UPDATED FIX COORDINATES TO MATCH FACILITY; FROM: 435750.88N/1075703.02W.
2. ADDED DP TO REQUIRED CHARTING.
3. UPDATED FIX USE.

DEVELOPED BY: **DATE:** 09/08/2011 **OFFICE:** AJV-354 **NAME:** ROY CURRIE

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: WST
ARTCC: ZLC
ATC FACILITY:
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WULAX **STATE:** WY **COUNTRY:** US

LATITUDE/LONGITUDE: 441351.93N/1080020.11W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 34			KGEY	GREYBULL	WY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
1. REMOVED FACILITY 1.
2. UPDATED FIX USE IAW 8260.19E.

DEVELOPED BY: **DATE:** 06/03/2012 **OFFICE:** AJV-354 **NAME:** VICTOR NASO

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZLC
ATC FACILITY:
OTHER:

QUALITY CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **GREYBULL** STATE: **WY**

AIRPORT NAME: **SOUTH BIG HORN COUNTY** ID: **KGEY**

PROCEDURE: **RNAV (GPS) RWY 34** AMDT: **1**

DOCKET#: **NOT REQUIRED**
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **THLD** to 1000' point **1.73**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment, final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **350.10**
4. High Terrain in **FINAL** segment containing 1000' point **4055**
5. Distance from **FAF** to 1500' point **4.46**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.20**
7. True Course of **FINAL** segment containing 1500' point **350.10**
8. High Terrain in **FINAL** segment containing 1500' point **4055**
9. Threshold Coordinates (if straight-in) ... **443039.18N** / **1080435.13W**
10. ARP Coordinates ..... **443104.60N** / **1080458.80W**
11. Runway Approach End and distance furthest from ARP ..... RWY **16**
    Distance **0.71** NM
12. FAF Coordinates ..... **442440.32N** / **1080307.60W**

REMARKS: Approach/Drawing attached.