Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 02/10/2012	Task #: 2012021032010501002	Request #: 20120210320105
Procedure: RNAV (GPS) RWY 34 AMDT 1		Airport ID: K7S0	Airport: RONAN		Reimbursable #:
City: RONAN	**ST:** MT	GPS #:		Estimated Chart Date: 09/20/2012	FICO #:
Fac ID:	Fac. Type: Proc-S	Specialist: BRYAN BLUE			

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	03/06/2012	06/26/2012	STEVEN SZUKALA	LPV P1
QA:	06/26/2012	06/26/2012	STEVEN SZUKALA	
Liaison:	06/26/2012		K. Spurlin	P1;

Procedure Comments:

Remark Type: INFORMATION

RONAN, MT, RONAN (K7S0) RNAV (GPS) RWY 34, AMDT 1, ENROUTE-NO, FC BY: 7.21.12 PUB: 9/20/12

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): JAKBA, REV 1; OBTOW, REV 1; QATQI, REV 1; ARLEE, INFO ONLY; HANIM, INFO ONLY; LAVBE, INFO ONLY; NALSE; INFO ONLY; PEKBE, INFO ONLY;
CONTACT: ADOLFO URRUTIA/LONNIE EVERHART-AVN-130 LEADS, 405.954.2079/405.954.4576. (MARTHA-5338)

RNAV (GPS) RWY 34

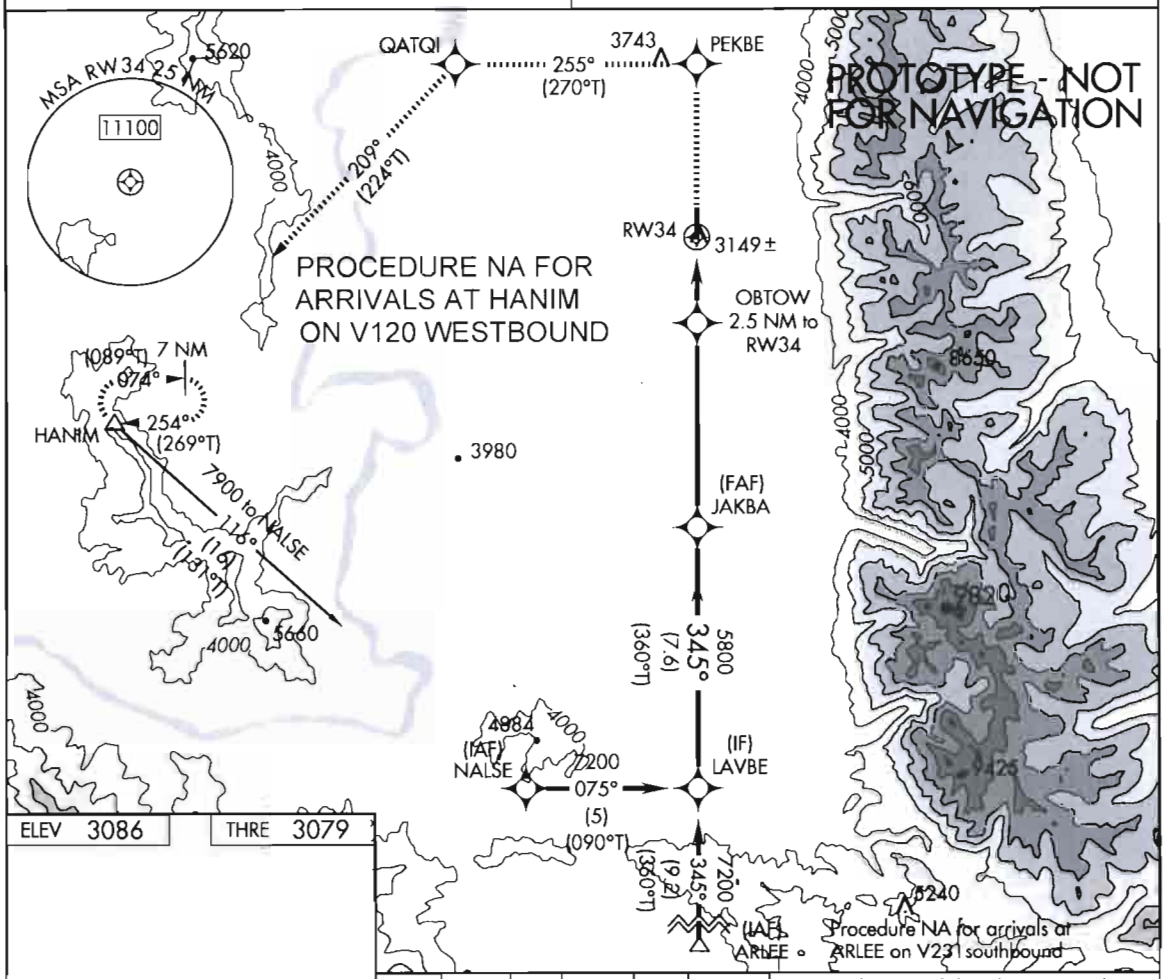
RONAN (7SØ)

WAAS	APP CRS	Rwy Idg	4800
CH 86614	345°	THRE	3079
W34A		Apt Elev	3086

DME/DME RNP-0.3 NA.
NA Use Missoula altimeter setting; when not received, procedure NA.
Circling NA E of Rwy 16-34

MISSED APPROACH: Climb to 13000 direct PEKBE and on track 255° to QATQI and on track 209° to HANIM and hold, continue climb-hold to 13000.

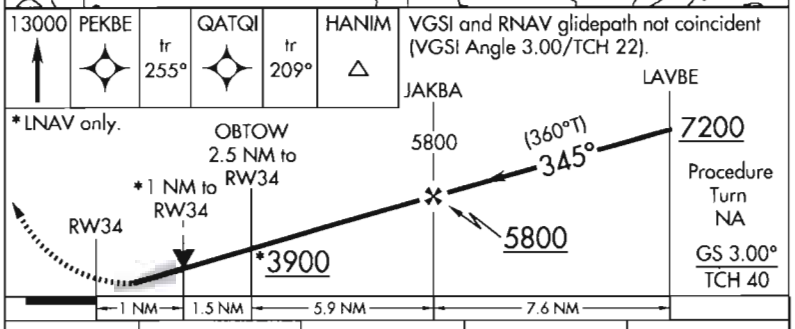
SALT LAKE CITY CENTER	UNICOM
133.4 285.4	122.8 (CTAF) L



ELEV 3086 THRE 3079

ARLEE: 4708.457/11405.985
HANIM: 4728.221/11430.977
JAKBA: 4725.224/11406.058
LAVBE: 4717.644/11406.052
NALSE: 4717.638/11413.397
OBTOW: 4731.137/11406.062
PEKBE: 4738.633/11406.068
QATQI: 4738.625/11416.420
RW34: 4733.636/11406.064

MIRL Rwy 16-34 L



CATEGORY	A	B	C	D
LPV DA	3436-1¼	357 (400-1¼)	NA	
LNAV/VNAV DA	3436-1 1/4 (357)		NA	
LNAV MDA	3520-1	441 (500-1)	NA	
CIRCLING	3560-1 474 (500-1)	3560-1 474 (500-1)	NA	

47°34'N-114°06'W

RNAV (GPS) RWY 34

RONAN (7SØ)

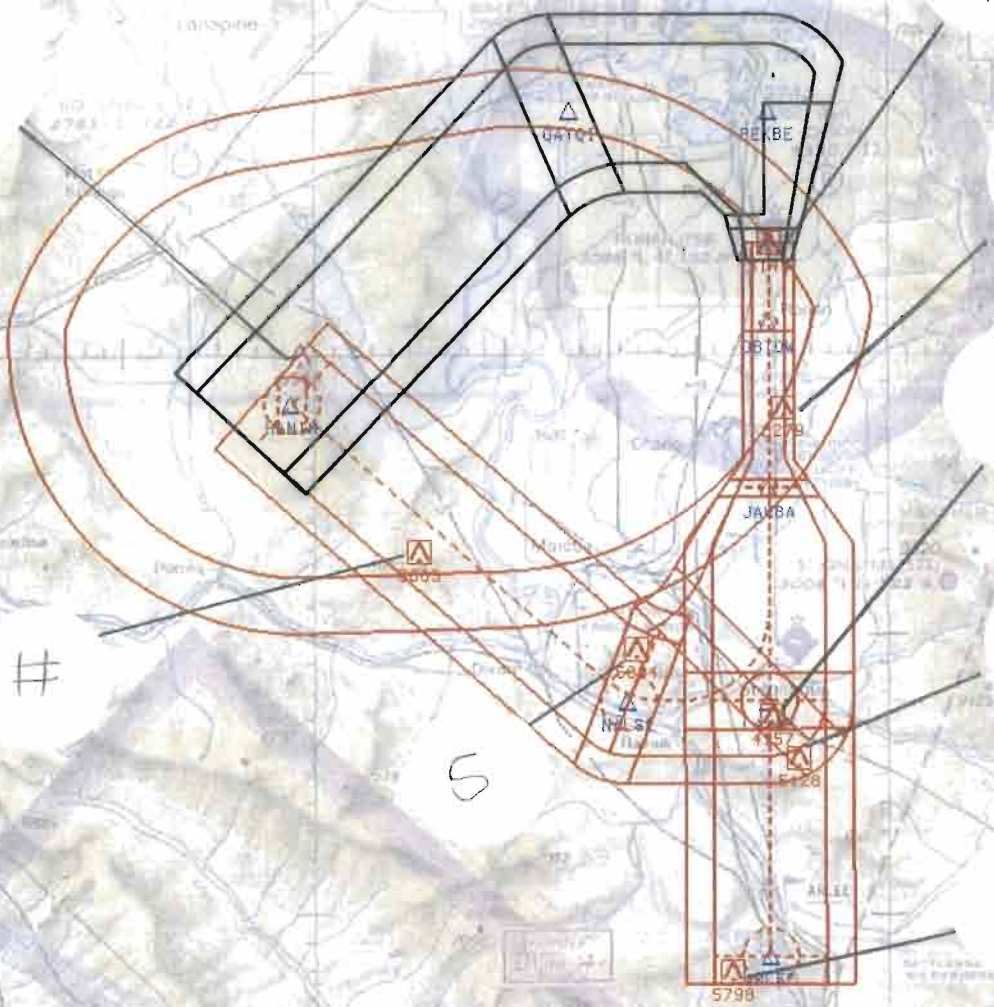
NM	7	14	21	28	35	42	49
FT	42000	84000	126000	168000	210000	252000	294000

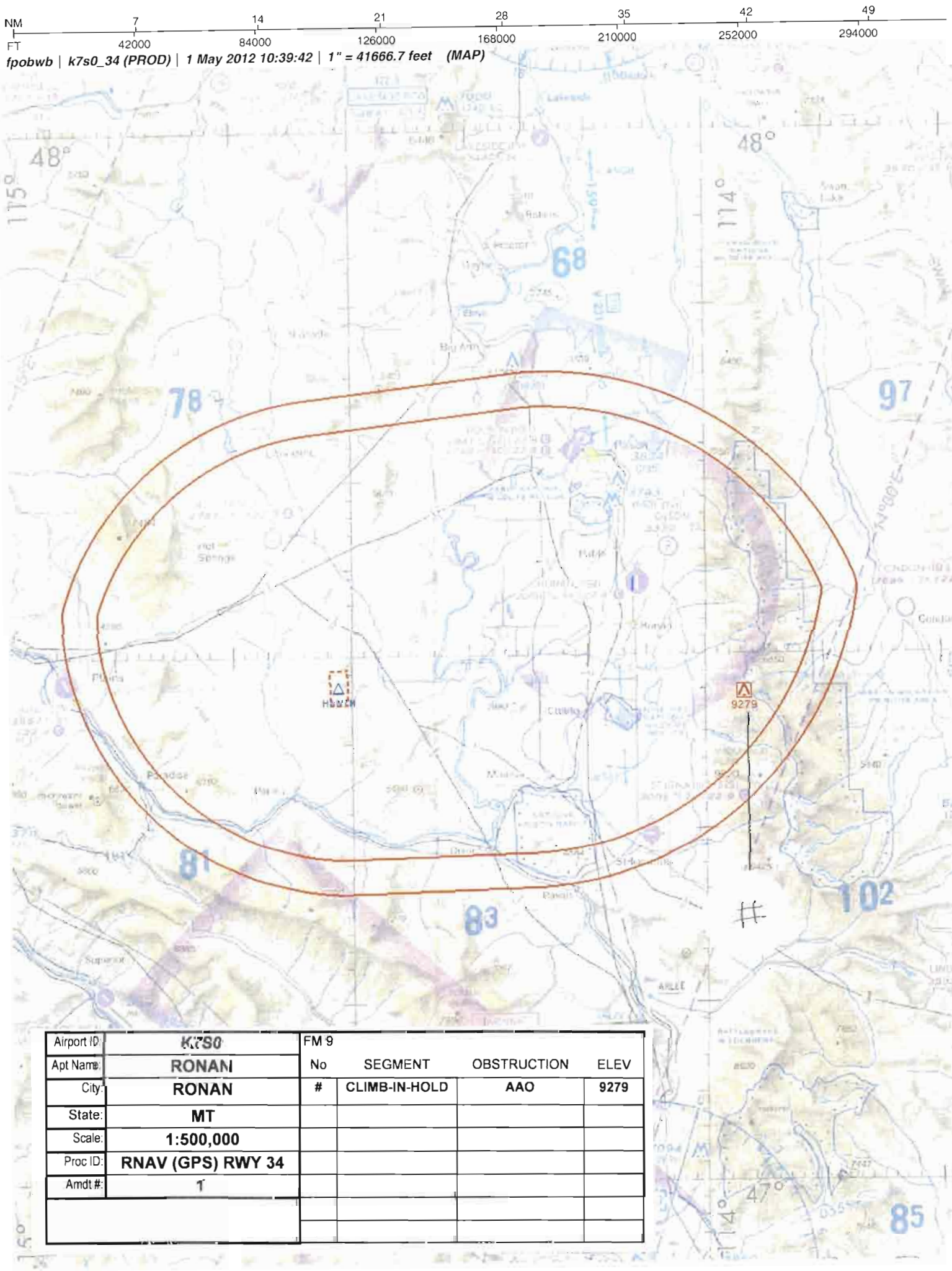
fpobwb | k7s0_34 (PROD) | 7 May 2012 13:21:15 | 1" = 41666.7 feet (MAP)

FM 9

No	SEGMENT	OBSTRUCTION	ELEV
1.	FEEDER	AAO	5883
3.	INITIAL	AAO	5798
5.	INITIAL	AAO	5084
7.	INTERMEDIATE	AAO	5128
9.	INTERMEDIATE	AAO	4157
12.	LNAV FINAL	AAO	3279
11.	LNAV FINAL STEPDOWN	AAO	3149
13.	MISSED	AAO	5599
#	HOLDING	AAO	5883

Airport ID:	K7S0
Apt Name:	RONAN
City:	RONAN
State:	MT
Scale:	1:500,000
Proc ID:	RNAV (GPS) RWY 34
Amdt #:	1

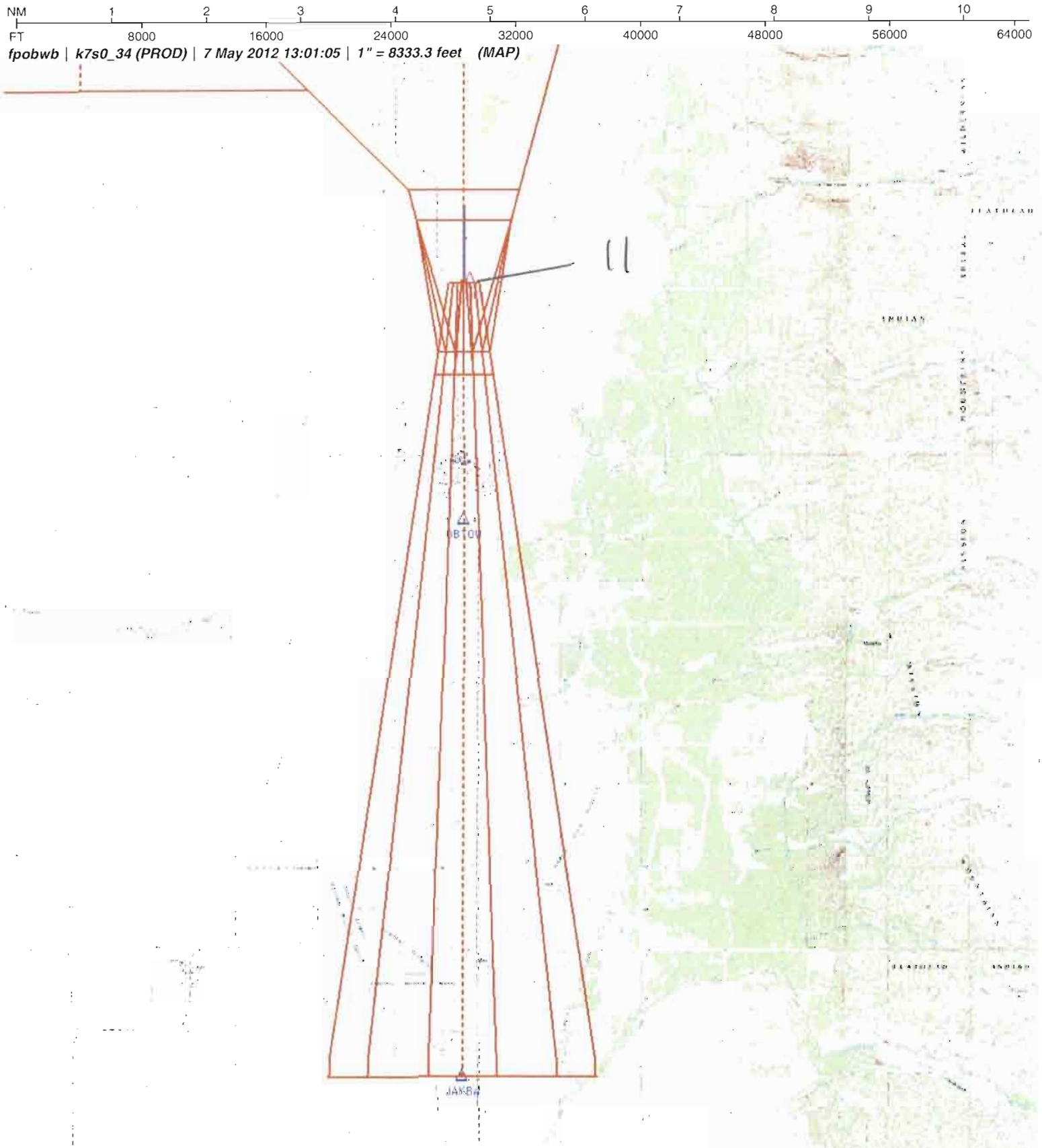




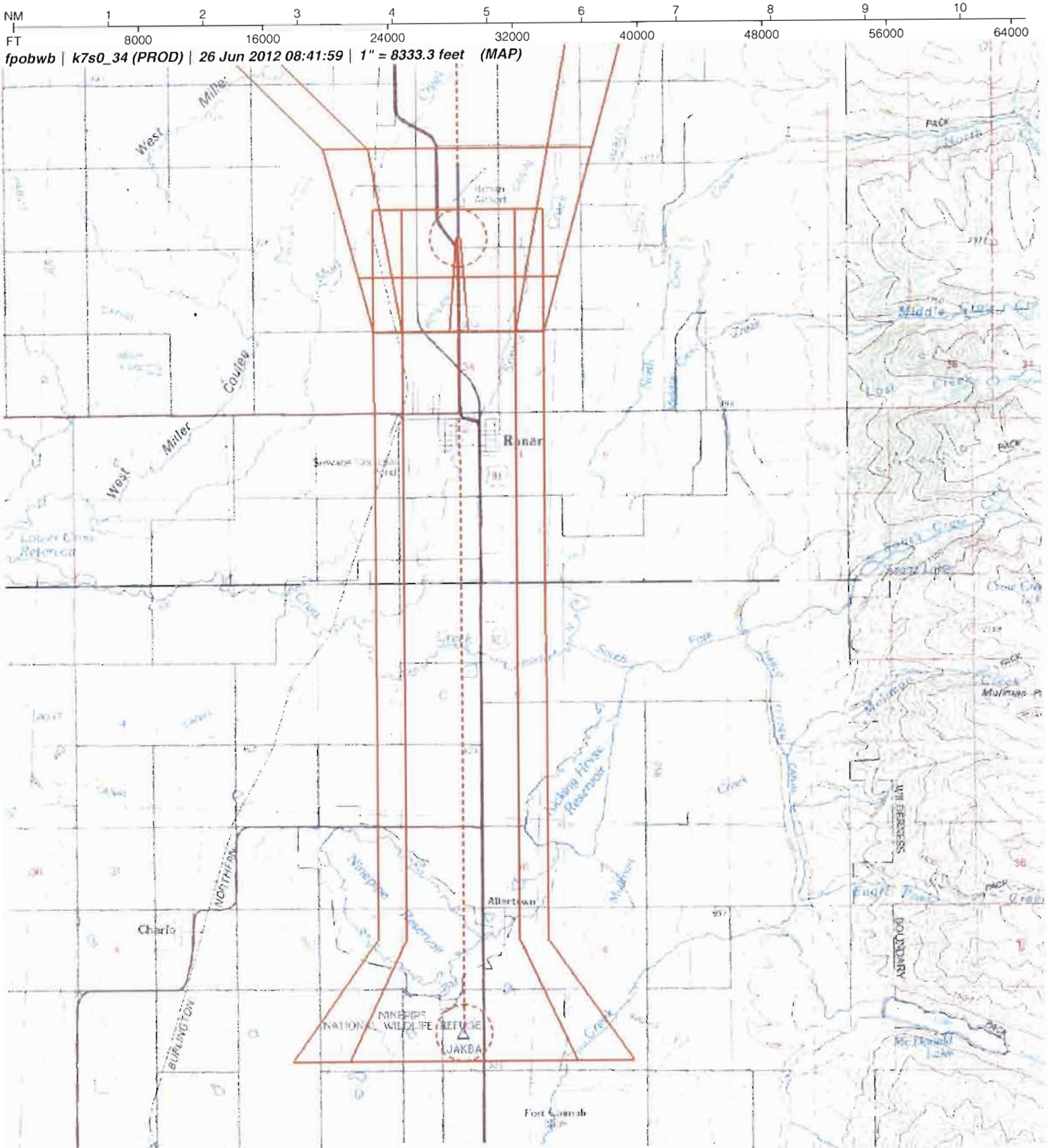
Airport ID:	K7S0
Apt Name:	RONAN
City:	RONAN
State:	MT
Scale:	1:500,000
Proc ID:	RNAV (GPS) RWY 34
Amdt #:	1

FM 9

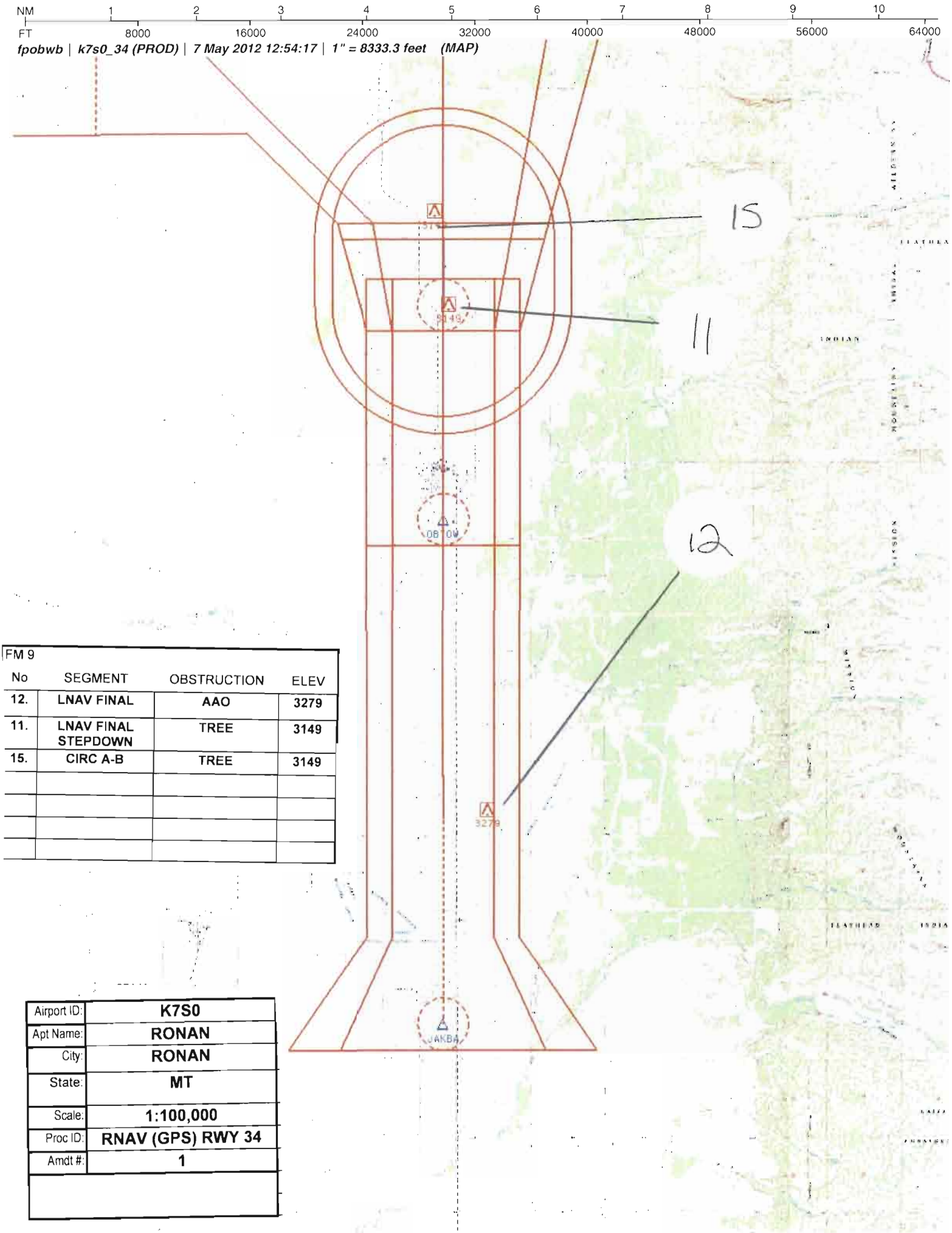
No #	SEGMENT CLIMB-IN-HOLD	OBSTRUCTION AAO	ELEV 9279



		FM 9			
Airport ID:	**K7S0**	No	SEGMENT	OBSTRUCTION	ELEV
Apt Name:	**RONAN**				
City:	**RONAN**	11.	LPV FINAL	TREE	3149
State:	**MT**				
Scale:	**1:100,000**				
Proc ID:	**RNAV (GPS) RWY 34**				
Amdt #:	**1**				



Airport ID:	K7S0	FM 9			
Apt Name:	RONAN	No	SEGMENT	OBSTRUCTION	ELEV
City:	RONAN		LNAV/VNAV FINAL	ASC	
State:	MT				
Scale:	1:100,000				
Proc ID:	RNAV (GPS) RWY 34				
Amdt #:	1				



FM 9

No	SEGMENT	OBSTRUCTION	ELEV
12.	LNAV FINAL	AAO	3279
11.	LNAV FINAL STEPDOWN	TREE	3149
15.	CIRC A-B	TREE	3149

Airport ID:	K7S0
Apt Name:	RONAN
City:	RONAN
State:	MT
Scale:	1:100,000
Proc ID:	RNAV (GPS) RWY 34
Amdt #:	1

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
HANIM	NALSE (FB)	116.45 / 15.96	7900
ARLEE (IAF)	LAVBE (FB)	344.72 / 9.19	7200
NALSE (IAF)	LAVBE (FB)	074.88 / 5.00	7200
LAVBE (IF)	JAKBA (FB)	344.97 / 7.58	5800
JAKBA (FAF)	OBTOW/2.50 NM TO RW34 (FB)	344.97 / 5.92	
OBTOW/2.50 NM TO RW34	RW34 (MAP) (FO)	344.97 / 2.50	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW34

CLIMB TO 13000 DIRECT PEKBE AND ON TRACK 255.00 TO QATQI AND ON TRACK 208.53 TO HANIM AND HOLD, CONTINUE CLIMB-IN -HOLD TO 13000.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT LAVBE
3. FAC: 344.97 FAF: JAKBA DIST FAF TO MAP: 8.42 THLD: 8.42
4. MIN. ALT: LAVBE 7200, JAKBA 5800, OBTOW/2.50 NM TO RW34 3900*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 5800 GS ALT AT: JAKBA 5800 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: RW34 11100

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 253.58 INBOUND.
CHART FAS OBST: 3149 TREE 473333N/1140558W
DISTANCE TO THLD FROM 357 HATH: 0.99 NM.
WAAS CHANNEL # 86614
REFERENCE PATH ID: W34A
CHART MISSOULA ASOS
LTP HAE: 923.3 M

MAG VAR: 15E EPOCH YEAR: 2005

MINIMUMS

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

ALTERNATE: N A X

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	3436	1 1/4	357	3436	1 1/4	357		NA			NA				
LNAV/VNAV DA	3436	1 1/4	357	3436	1 1/4	357		NA			NA				
LNAV MDA	3520	1	441	3520	1	441		NA			NA				
CIRCLING	3560	1	474	3560	1	474		NA			NA				

NOTES:
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
*LNAV ONLY
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 3086 THRE: 3079 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
RONAN, MT	RONAN	RNAV	RNAV (GPS) RWY 34, AMDT 1	AMDT: ORIG-A
				DATED 04/05/2012

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] **APT MANAGER, ZOA**

FLIGHT CHECKED BY

NAME:	FIFO	DATE:

DEVELOPED BY

NAME:	FIFO	DATE:
BRYAN BLUE	**AJV-354**	**04/10/2012**

APPROVED BY

NAME:		FIFO	DATE:
DEZ SILAGYI	**MANAGER**	**AJV-354**	

CHANGES:

1. CHANGED CHART NOTE FROM "OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, PROCEDURE NA" TO "USE MISSOULA ALTIMETER SETTING; WHEN NOT RECEIVED, PROCEDURE NA"
2. REMOVED LOCAL WEATHER AND ADDED PRIMARY REMOTE KMSO
3. FINAL LENGTH CHANGED FROM 8.23 TO 8.42
4. LPV MINIMUMS CHANGED CAT A AND B FROM 3392-1 (311) TO 3436.00 (357) 1 1/4
5. FAF TO STEPDOWN CHANGED FROM 6.53 TO 5.92 AND MIN ALTITUDE FROM 3660 TO 3900
6. STEPDOWN TO MAP CHANGED FROM 1.70 TO 2.50
7. INTERMEDIATE LAVBE TO JAKBA CHANGED FROM 7.77 TO 7.58
8. CHANGED NOTE "PROCEDURE NA FOR ARRIVALS AT ARLEE VIA V231 SOUTHBOUND" TO "PROCEDURE NA FOR ARRIVALS AT ARLEE ON V231 SOUTHBOUND"
9. MISSED APPROACH CHANGED FROM "CLIMB TO 13000 DIRECT PEKBE AND VIA TRACK 254.97 TO QATQI AND VIA TRACK 208.54 TO HANIM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 13000" TO "CLIMB TO 13000 DIRECT PEKBE AND ON TRACK 255.00 TO QATQI AND ON TRACK 208.53 TO HANIM AND HOLD; CONTINUE CLIMB-IN-HOLD TO 13000"
10. LNAV MINIMUMS CHANGED CAT A AND B FROM 3400-1 (319) TO 3520-1 (441) AND CIRCLING CAT A 3460-1 (374) TO 3560-1 (474) AND CAT B FROM 3540-1 (454) TO 3560-1 (474)
SEE 8260-10

REASONS:

1, 4, 10. AWOS REMOVED PER AVNIS, ADDED PRIMARY REMOTE ALTIMETER
2. PER AVNIS AND FPT
3, 7. NEW PFAF LOCATION PER 8260.54A
5, 6. TO RETAINED STEPDOWN MINIMUMS AND DG
8. 8260.19DD PAR 805
9. PER AFS-420 MEMO 2/01/2010
11. PUBLISHING AREA NAVIGATION (RNAV) GLOBAL POSITIONING SYSTEM (GPS) MINIMA RULES
12. FULL TIME REMOTE ALTIMETER IN USE

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW34 (MAP)	3436 MSL	344.97	
3436 MSL	PEKBE (FB)		
PEKBE	QATQI (FB)	255.00/7.00	
QATQI	HANIM (FO)	208.53/14.34	13000

NOTES, (CONT.):
CHART NOTE: USE MISSOULA ALTIMETER SETTING; WHEN NOT RECEIVED, PROCEDURE NA
CHART NOTE: CIRCLING NA E OF RWY 16-34
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ARLEE ON V231 SOUTHBOUND
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HANIM ON V120 WESTBOUND

CITY AND STATE	ELEVATION: 3086 THRE: 3079 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RONAN, MT	RONAN	RNAV	RNAV (GPS) RWY 34, AMDT 1	AMDT: ORIG-A
				DATED: 04/05/2012

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

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:

CHANGES CONT.

11. ADDED LNAV/VNAV MINIMUMS

12. ADDED NOTE: BARO-VNAV NA

REASONS:

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	7S0
RUNWAY	RW34
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	473338.1385N
LTP/FTP LONGITUDE	1140603.8390W
LTP/FTP ELLIPSOIDAL HEIGHT	+09233
FPAP LATITUDE	473507.1900N
FPAP LONGITUDE	1140603.9100W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1288
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	82625D50

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+09386
FPAP ORTHOMETRIC HEIGHT	+09386

CITY AND STATE	ELEVATION: 3086 THRE: 3079	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RONAN, MT	AIRPORT NAME: RONAN	RNAV	RNAV (GPS) RWY 34, AMDT 1	AMDT: ORIG-A
				DATED: 04/05/2012

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

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
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ARLEE K10    C   L N47082742W114055911                    E0140     NAR           ARLEE
        SUSAEAENRT   HANIM K10    C   L N47281327W114305859                    E0143     NAR           HANIM
        SUSAEAENRT   JAKBA K10    W     N47251342W114060345                    E0141     NAR           JAKBA
        SUSAEAENRT   LAVBE K10    W     N47173865W114060310                    E0141     NAR           LAVBE
        SUSAEAENRT   NALSE K10    W     N47173826W114132383                    E0141     NAR           NALSE
        SUSAEAENRT   OBTOW K10    W     N47310822W114060372                    E0141     NAR           OBTOW
        SUSAEAENRT   PEKBE K10    W     N47383797W114060407                    E0142     NAR           PEKBE
        SUSAEAENRT   QATQI K10    W     N47383750W114162520                    E0142     NAR           QATQI

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 7S0 K1A7S0     0     048YHN47340182W114060386E015003086         1800018000C    MNAR    RONAN

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 7S0 K1FR34   AARLEE 010ARLEEK1EA0E  A    IF                                          18000                A JS
        SUSAP 7S0 K1FR34   AARLEE 020LAVBEK1EA0EE B 010TF                    34470092    + 07200                      A JS
        SUSAP 7S0 K1FR34   AHANIM 010HANIMK1EA0E       IF                                          18000                A JS
        SUSAP 7S0 K1FR34   AHANIM 020NALSEK1EA0E  A 020TF                    11650160    + 07900                      A JS
        SUSAP 7S0 K1FR34   AHANIM 030LAVBEK1EA0EE B 010TF                    07490050    + 07200                      A JS
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        SUSAP 7S0 K1FR34   R      020JAKBAK1EA1E  F 051TF                    34500076    + 05800           RW34  K1PGA JS
        SUSAP 7S0 K1FR34   R      020JAKBAK1EA2WALPV       ALNAV/VNAV ALNAV                                          JS
        SUSAP 7S0 K1FR34   R      021OBTOWK1EA0E S  031TF                    34500059    V 0390003916       -300   A JS
        SUSAP 7S0 K1FR34   R      030RW34 K1PG0GY M 031TF                    34500025      03119            -300   A JS
        SUSAP 7S0 K1FR34   R      040         0  M     CA                    3450        + 03436                  A JS
        SUSAP 7S0 K1FR34   R      050PEKBEK1EA0E       DF                                                        A JS
        SUSAP 7S0 K1FR34   R      060QATQIK1EA0E       TF                    2550                                A JS
        SUSAP 7S0 K1FR34   R      070HANIMK1EA0EY   010TF                    2085        + 13000                  A JS
        SUSAP 7S0 K1FR34   R      080HANIMK1EA0EE  R   HM                    25360070    + 13000                  A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 7S0 K1GRW34    0048003450 N47333814W114060384+0100    +09233030790000400 75R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
```

CITY AND STATE	ELEVATION: 3086 THRE: 3079	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RONAN, MT	AIRPORT NAME: **RONAN**	**RNAV**	**RNAV (GPS) RWY 34, AMDT 1**	AMDT: **ORIG-A**
				DATED: **04/05/2012**

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

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 7S0 K1PR34   RW34 001 0000W34A0N4733381385W11406038390+092330300N4735071900W114060391001067512880004 00F40050082625D50
        SUSAP 7S0 K1PR34   RW34 002E      +09386+09386LPV       86614
                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 7S0 K1SRW34 K1PG                0   18018011125                                                                          M
```

CITY AND STATE	ELEVATION: 3086 THRE: 3079	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RONAN, MT	AIRPORT NAME: RONAN	RNAV	RNAV (GPS) RWY 34, AMDT 1	AMDT: ORIG-A
				DATED: 04/05/2012

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

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**

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.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ARLEE	ARLEE	010	IAF	IF		FB					
	ARLEE	LAVBE	020		TF		FB	1.0	344.7(359.7T)	009.2	AA 07200	
	HANIM	HANIM	010		IF		FB					
	HANIM	NALSE	020	IAF	TF		FB	2.0	116.5(131.5T)	016.0	AA 07900	
	HANIM	LAVBE	030		TF		FB	1.0	074.9(089.9T)	005.0	AA 07200	
		LAVBE	010	FACF	IF		FB				AA 07200	
		JAKBA	020	FAF	TF		FB	0.5	345.0(360.0T)	007.6	AA 05800	
		OBTOW	021	SDF	TF		FB	0.3	345.0(360.0T)	005.9	AA 03900 GS 03916	
		RW34	030	MAP	TF		FO	0.3	345.0(360.0T)	002.5	AT 03119	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		345.0(360.0T)		AA 03436	
	PEKBE	050		DF		FB					
	QATQI	060		TF		FB		255.0(270.0T)			
	HANIM	070		TF		FO	1.0	208.5(223.5T)		AA 13000	
	HANIM	080		HM	R	FO		253.6(268.6T)	007.0	AA 13000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ARLEE	N470827.42	W1140559.11	N4708.457	W11405.985
	HANIM	N472813.27	W1143058.59	N4728.221	W11430.977
	JAKBA	N472513.42	W1140603.45	N4725.224	W11406.058
	LAVBE	N471738.65	W1140603.10	N4717.644	W11406.052
	NALSE	N471738.26	W1141323.83	N4717.638	W11413.397
	OBTOW	N473108.22	W1140603.72	N4731.137	W11406.062
	PEKBE	N473837.97	W1140604.07	N4738.633	W11406.068
	QATQI	N473837.50	W1141625.20	N4738.625	W11416.420
	RW34	N473338.14	W1140603.84	N4733.636	W11406.064

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW34	03079	40

CITY AND STATE	ELEVATION: 3086 / AIRPORT NAME:	THRE: 3079	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RONAN, MT	**RONAN**		**RNAV**	**RNAV (GPS) RWY 34, AMDT 1**	AMDT: **ORIG-A**
					DATED: **04/05/2012**

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

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	HANIM	NALSE	1. AAO	472230.00N/1142418.00W	5883 (4E)	2000		7900
			2. TERRAIN	472230.00N/1142418.00W	5683 (5700)		AS1500	7200
INITIAL	ARLEE	LAVBE	3. AAO	470730.00N/1140757.00W	5798 (4E)	1000	PR258 AT144	7200
			4. TERRAIN	471321.00N/1140330.00W	5539 (5500)		AS1500	7000
INITIAL	NALSE	LAVBE	5. AAO	471909.00N/1141212.00W	5084 (6C)	1000	PR149 AT967	7200
			6. TERRAIN	471909.00N/1141212.00W	4884 (4900)		AS1500	6400
INTERMEDIATE	LAVBE	JAKBA	7. AAO	471509.00N/1140427.00W	5128 (4E)	500	SA-361 AC98 AT435	5800
			8. TERRAIN	471624.00N/1140412.00W	3452 (3500)		AS1500	5000
INTERMEDIATE	LAVBE	JAKBA	9. AAO	471642.00N/1140551.00W	4157 (4E)	500	AC98 AT1045	5800
			10. TERRAIN	471739.00N/1140609.00W	3370 (3400)		AS1500	4900
FINAL: LPV	JAKBA	RW34	11. TREE	473333.35N/1140558.20W	3149 (2C)	34:1	RA107 AC20	3436/357
FINAL: LNAV/VNAV	JAKBA					ASC	RA107	3436/357
FINAL: LNAV	JAKBA	OBTOW/2.50 NM TO RW34	12. AAO	472739.66N/1140517.41W	3279 (2C)	250	RA107 XL121 DG143	3900
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	DA / DA / RW34	HANIM				ASC		13000
			13. AAO	472935.35N/1143031.59W	5599 (2C)	1000		6600
ELEV:	3142/3187/3313		14. TERRAIN	472935.35N/1143031.59W	5399 (5400)		AS1500	6900

4. CIRCLING AREA	DISTANCE	REQUIRED HT. ABV. ARPT.	ACTUAL HT. ABV. ARPT.		OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
CATEGORY A	1.3 NM	350	474		15. TREE	473438.91N/1140612.00W	3149 (2C)	300	RA107	3560
CATEGORY B	1.5 NM	450	474		15. TREE	473438.91N/1140612.00W	3149 (2C)	300	RA107	3560
CATEGORY C	1.7 NM	450								
CATEGORY D	2.3 NM	550								
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	131/ 12.9	10020 (6A)	11100					

CITY AND STATE	ELEVATION: 3086 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
RONAN, MT	RONAN	RNAV	RNAV (GPS) RWY 34, AMDT 1	ANM

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
GTF FSS ZOA ARTCC SATISFACTORY ON:	N W S / OTHER: F A A A / C	SOURCE: KMSO DISTANCE: 39.07 HOURS REMOTE OPERATION:
X V H F X U H F H F	LOCATION: OFF AIRPORT	ADJUSTMENT: 107

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

	ALS
	(S) SALS
	MALS
	HIRL
X	MIRL 16 (PCL), 34 (PCL)
	REIL
	TDZ
	C/LINE
X	OTHER (SPECIFY) PAPI-2L 16 (PCL), 34 (PCL)

5. APPROACH & RUNWAY LIGHTING

6. RUNWAY MARKINGS	BASIC
	ALL WEATHER
	INSTRUMENT NPI-G 16, 34
7. RUNWAY VISUAL RANGE	APPROACH
	MIDFIELD
	ROLL OUT

8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 3079.3
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 40.0

9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: BRYAN BLUE	DATE: 04/10/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-354

PART C - REMARKS:

VDP NOT ESTABLISHED - REMOTE ALTIMETER IN USE.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VDA NA - PRECISION VERTICAL PATH PROCEDURE

BLOCK 2: WEATHER SERVICE
OTHER: ASOS IS ON SERVICE A
LOCATION: KMSO

SEE ATTACHED AIRSPACE LETTER.

OBST # LAVBE TO JAKBA INTERMEDIATE NALSE TRANSITION LOCATED 4393FT INTO SECONDARY AREA.

MISSED APPROACH CLIMB-IN-HOLD AT HANIM EVALUATED IN IPDS FOR PENETRATIONS, CLIMB-IN-HOLD IS CLEAR

LOCAL WEATHER K7S0 REMOVED PER AVNIS, ADDED KMSO AS PRIMARY REMOTE

VGSI DATA: 3.00/22

LPV SLOPE: 34:1
LNAV/VNAV: 23.4:1

MAGVAR CHECKED AND WITHIN TOLERANCE

50' VEGETATION USE PER FPT

TAA NOT DEVELOPED PER FPT CHECKLIST

RNP FORMULA APPLIED PER .54A TO ESTABLISH FAF UTILIZING 3.00/40

CIRCLING EAST OF AIRPORT NA PER PREVIOUS PROCEDURE.

STEPDOWN LENGTH AND MINIMUM ALTITUDE CHANGED TO PROVIDE OPTIMUM DESCENT ANGLE.

RASS PRESSURE PATTERNS THE SAME
K7S0 3896, KMSO 3206
RA = 106.6

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FINAL: LNAV STEPDOWN	**OBTOW/2.50 NM TO**	**RW34**	**11. TREE**	**473333.35N/1140558.20W**	**3149 (2C)**	**250**	**RA107**	**3520**
	RW34							

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
RONAN, MT	**ELEVATION: 3086** AIRPORT NAME: **RONAN**	**RNAV**	**RNAV (GPS) RWY 34, AMDT 1**	**ANM**

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
SATISFACTORY ON:	☐ NWS ☐ FAA ☐ A/C OTHER:	SOURCE: DISTANCE: HOURS REMOTE OPERATION:
☐ VHF ☐ UHF ☐ HF	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:

RADIO FIX AND HOLDING DATA RECORD

NAME: JAKBA **STATE:** MT **COUNTRY:** US

LATITUDE/LONGITUDE: 472513.42N/1140603.45W **TYPE:** WP

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

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

REMARKS:
8260.54A FORMULA 1-16B APPLIED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 34			K7S0	RONAN	MT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
ADDED NOTE 8260.54A FORMULA 1-16B APPLIED TO REMARKS
UPDATED FIX USE
UPDATED FIX COORDINATES
FIX MOVED 1138FT SOUTH

DEVELOPED BY: **DATE:** 04/04/2012 **OFFICE:** AJV-354 **NAME:** BRYAN BLUE

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZLC
ATC FACILITY: SPOKANE APPROACH CONTROL
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: OBTOW **STATE:** MT **COUNTRY:** US

LATITUDE/LONGITUDE: 473108.22N/1140603.72W **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			K7S0	RONAN	MT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
FIX MOVED 4862 FEET SOUTH
UPDATED FIX COORDINATES

DEVELOPED BY: **DATE:** 04/10/2012 **OFFICE:** AJV-354 **NAME:** BRYAN BLUE

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZLC
ATC FACILITY: SPOKANE APPROACH CONTROL
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: QATQI **STATE:** MT **COUNTRY:** US

LATITUDE/LONGITUDE: 473837.50N/1141625.20W **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			K7S0	RONAN	MT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
UPDATED FIX COORDINATES
FIX MOVED NORTH 22.29FT

DEVELOPED BY: **DATE:** 04/10/2012 **OFFICE:** AJV-354 **NAME:** BRYAN BLUE

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZLC
ATC FACILITY: SPOKANE APPROACH CONTROL
OTHER:

QUALITY 5 CHECKED

RADIO FIX AND HOLDING DATA RECORD

INFO ONLY

NAME: ARLEE **STATE:** MT **COUNTRY:** US

LATITUDE/LONGITUDE: 470827.42N/1140559.11W **TYPE:** WP, INT, 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	MISSOULA	MSO	VOR/DME	L	340.30	357.30	14.00	14.00		9000	17500
2	MULLAN PASS	MLP	VOR/DME	H	091.15	106.15		65.93		9000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MLP	VOR/DME	R-091	66	9000	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		WP	340.30	160.30	R		7	11000	14000	10	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	200' AAO	471853.34N/1135551.93W	8919	2C

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	374

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V231	1, 2				MT (US)
IAP	RNAV (RNP) RWY 29		1	KMSO	MISSOULA	MT (US)
IAP	RNAV (GPS) RWY 36			K8S1	POLSON	MT (US)
IAP	RNAV (GPS) RWY 34			K7S0	RONAN	MT (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
UPDATED FIX USE
UPDATEF ESV MLP RADIAL FROM R-086 TO R-091

DEVELOPED BY: **DATE:** 06/05/2012 **OFFICE:** AJV-354 **NAME:** BRYAN BLUE

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: SEA
ARTCC: ZLC
ATC FACILITY: MSO ATCT, SPOKANE APPROACH CONTROL
OTHER:

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: HANIM **STATE:** MT **COUNTRY:** US

LATITUDE/LONGITUDE: 472813.27N/1143058.59W **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	MULLAN PASS	MLP	VOR/DME	H	073.58	088.58	46.00	46.00		13000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MLP	VOR/DME	R-074	46	13000	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	E		WP	073.58	253.58	R		7	13000	13000	11	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	472230.00N/1142418.00W	5883	4E
1	310	AAO	472727.71N/1135636.27W	9279	2C

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	182

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 16	K7S0	RONAN	MT (US)
1	HANIM ONE (RNAV)	K7S0	RONAN	MT (US)
1	RNAV (GPS) RWY 34	K7S0	RONAN	MT (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	HANIM ONE (RNAV)		1	K7S0	RONAN	MT (US)
EN ROUTE	V120	1				(US)
IAP	RNAV (GPS) RWY 16		1	K7S0	RONAN	MT (US)
IAP	RNAV (GPS) RWY 34		1	K7S0	RONAN	MT (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
UPDATED PAT 1 TEMPLATE NUMBER

DEVELOPED BY: **DATE:** 06/04/2012 **OFFICE:** AJV-354 **NAME:** BRYAN BLUE

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZLC
ATC FACILITY: SPOKANE APPROACH CONTROL
OTHER:

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: LAVBE **STATE:** MT **COUNTRY:** US

LATITUDE/LONGITUDE: 471738.65N/1140603.10W **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			K7S0	RONAN	MT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 10/22/2009

DEVELOPED BY: **DATE:** 04/22/2009 **OFFICE:** AVN-130 **NAME:** ANDREW FIELDS

APPROVED BY: **DATE:** 07/07/2009 **OFFICE:** AVN-130 **NAME:** RICK WEBB

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZLC
ATC FACILITY: SPOKANE APPROACH CONTROL
OTHER:

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: NALSE **STATE:** MT **COUNTRY:** US

LATITUDE/LONGITUDE: 471738.26N/1141323.83W **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			K7S0	RONAN	MT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 10/22/2009

DEVELOPED BY: **DATE:** 04/16/2009 **OFFICE:** AVN-130 **NAME:** ANDREW FIELDS

APPROVED BY: **DATE:** 07/07/2009 **OFFICE:** AVN-130 **NAME:** RICK WEBB

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZLC
ATC FACILITY: SPOKANE APPROACH CONTROL
OTHER:

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: PEKBE **STATE:** MT **COUNTRY:** US

LATITUDE/LONGITUDE: 473837.97N/1140604.07W **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			K7S0	RONAN	MT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 10/22/2009

DEVELOPED BY: **DATE:** 04/20/2009 **OFFICE:** AVN-130 **NAME:** ANDREW FIELDS

APPROVED BY: **DATE:** 07/07/2009 **OFFICE:** AVN-130 **NAME:** RICK WEBB

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZLC
ATC FACILITY: SPOKANE APPROACH CONTROL
OTHER:

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **RONAN** STATE: **MT**

AIRPORT NAME: **RONAN** ID: **K7S0**

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

DOCKET # :
(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 **MAP** to 1000' point **3.70**
   (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 **359.97**
4. High Terrain in **FINAL** segment containing 1000' point **3121**
5. Distance from **MAP** to 1500' point **6.02**
   (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 **359.97**
8. High Terrain in **FINAL** segment containing 1500' point **3121**
9. Threshold Coordinates (if straight-in) ... **473338.14N / 1140603.84W**
10. ARP Coordinates ..... **473401.82N / 1140603.86W**
11. Runway Approach End and distance furthest from ARP.....RWY **16**
    Distance **.40** NM
12. FAF Coordinates ..... **472513.42N / 1140603.45W**
    (Click to Select)

REMARKS: Approach/Drawing attached.