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	SAZMI (FB)	190.52 / 20.81	9400
SAZMI (IAF)	CUSIF (FB)	215.66 / 8.75	7500
CUSIF (IF)	NACCI (FB)	180.59 / 6.00	6800
NACCI (FAF)	RW17 (MAP) (FO)	165.59 / 5.04	
RW17 (MAP)	5800 MSL	165.59	5800
5800 MSL	SAZMI (FB)		
SAZMI	HIA VOR/DME (FO)	010.38 / 20.81	10600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

CLIMB TO 5800 THEN CLIMBING RIGHT TURN TO 10600 DIRECT SAZMI AND ON TRACK 010.38 TO HIA VOR/DME AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT CUSIF
3. FAC: 165.59 FAF: NACCI DIST FAF TO MAP: 5.04 THLD: 5.04
4. MIN. ALT: CUSIF 7500, NACCI 6800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 6800 GS ALT AT: NACCI 6800 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 39.0 34:1 IS CLEAR
8. MSA FROM: RW17 12400

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 190.52 INBOUND.
CHART FAS OBST: 5299 TREE 451542N/1123230W
DISTANCE TO THLD FROM 250 HATH: 0.66 NM.
CHART VDP AT 1.15 MILES TO RW17*
*LNAV ONLY.
WAAS CHANNEL # 93927
REFERENCE PATH ID: W17A
LTP HAE: 1560.4 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	5407	7/8	250	5407	7/8	250	5407	7/8	250	5407	7/8	250			
LNAV/VNAV DA	5480	1 1/8	323	5480	1 1/8	323	5480	1 1/8	323	5480	1 1/8	323			
LNAV MDA	5560	1	403	5560	1	403	5560	1 1/8	403	5560	1 1/8	403			
CIRCLING	5760	1	515	5760	1	515	5800	1 1/2	555	5880	2	635			

NOTES:
CHART NOTE: CIRCLING TO RWY 4 NA AT NIGHT.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 22/35 NA AT NIGHT.
CHART NOTE: BARO-VNAV NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 5245 THRE: 5157	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DILLON, MT	AIRPORT NAME: DILLON	RNAV	RNAV (GPS) RWY 17, ORIG	AMDT: NONE
				DATED

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

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[ ]	[ ]	[X]	[ ]	[X]	[X]	[X] ZLC, AMGR

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: ADOLFO URRUTIA (THERON CYRUS)	FIFO AJV-354	DATE: 11/03/2011
APPROVED BY		
NAME: DEZ SILAGYI MANAGER	FIFO AJV-354	DATE:

CHANGES:

REASONS:

EFFECTIVE CONCURRENT WITH: AIRSPACE DOCKET #11-ANM-23

PDF EDITS:

1. **ADDED (FAF) TO NACCI IN TERMINAL ROUTES ON -3.**
2. **REMOVED 020 FROM LINE 11 UNDER SEGMENT ON -10.**
3. **ADDED 10600 ON LINE 10 UNDER SEGMENTS ON -10.**
4. **REMOVED 2.0 FROM LINE 4 UNDER MISSED APPROACH (RNP) ON -10.**
5. **ADDED 10600 ON LINE 3 UNDER MISSED APPROACH (ALTITUDE) ON -10.**
6. **REMOVED "NA" FROM #1 ON -3.**

QUALITY CHECKED 2

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NOTES, (CONT.):
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HIA VOR/DME ON V86 EASTBOUND AND V21 NORTHBOUND.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 5245 THRE: 5157	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DILLON, MT	AIRPORT NAME: DILLON	RNAV	RNAV (GPS) RWY 17, ORIG	AMDT: NONE
				DATED:

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:

QUALITY 2 CHECKED

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDLN
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	451558.0755N
LTP/FTP LONGITUDE	1123308.9800W
LTP/FTP ELLIPSOIDAL HEIGHT	+15604
FPAP LATITUDE	451429.0200N
FPAP LONGITUDE	1123305.8800W
THRESHOLD CROSSING HEIGHT (TCH)	00039.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0768
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	B0691815

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+15718
FPAP ORTHOMETRIC HEIGHT	+15718

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 5245 THRE: 5157	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DILLON, MT	AIRPORT NAME: DILLON	RNAV	RNAV (GPS) RWY 17, ORIG	AMDT: NONE
				DATED:

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:

QUALITY CHECKED 2

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        HIA   K1011370VDHW N45514244W112101059    N45514244W112101059E0180046522     NARWHITEHALL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CUSIF K10    W     N45265001W112311954                      E0131     NAR           CUSIF
        SUSAEAENRT   NACCI K10    W     N45210014W112331952                      E0131     NAR           NACCI
        SUSAEAENRT   SAZMI K10    W     N45323722W112215955                      E0131     NAR           SAZMI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDLNK1ADLN     0     065YHN45151930W112330900E013005245         1800018000C    MNAR    DILLON

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDLNK1FR17   AHIA   010HIA  K1D 0V       IF                                          18000                A JS
        SUSAP KDLNK1FR17   AHIA   020SAZMIK1EA0E  A 020TF                      19050208    + 09400                         A JS
        SUSAP KDLNK1FR17   AHIA   030CUSIFK1EA0EE B 010TF                      21570088    + 07500                         A JS
        SUSAP KDLNK1FR17   R      010CUSIFK1EA0E  I    IF                                  + 07500     18000               A JS
        SUSAP KDLNK1FR17   R      020NACCIK1EA1E  F 051TF                      18060060    + 06800                 RW17  K1PGA JS
        SUSAP KDLNK1FR17   R      020NACCIK1EA2WALPV       ALNAV/VNAV ALNAV                                                 JS
        SUSAP KDLNK1FR17   R      030RW17 K1PG0GY M 031TF                      16560050      05196             -300          A JS
        SUSAP KDLNK1FR17   R      040         0  M     CA                      1656        + 05800                         A JS
        SUSAP KDLNK1FR17   R      050SAZMIK1EA0E   R   DF                                                                  A JS
        SUSAP KDLNK1FR17   R      060HIA  K1D 0VY   010TF                      0104        + 10600                         A JS
        SUSAP KDLNK1FR17   R      070HIA  K1D 0VE  R   HM                      19100070    + 10600                         A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDLNK1GRW17    0065011656 N45155808W112330898+1400    +1560405157000039075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDLNK1PR17   RW17 001 0000W17A0N4515580755W11233089800+156040300N4514290200W112330588001067507680003 90F400500B0691815
        SUSAP KDLNK1PR17   RW17 002E      +15718+15718LPV       93927

                 1         2         3         4         5         6         7         8         9         0         1         2         3
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: **5245**	**THRE: 5157**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DILLON, MT	AIRPORT NAME: **DILLON**		**RNAV**	**RNAV (GPS) RWY 17, ORIG**	AMDT: **NONE**
					DATED:

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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```
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDLNK1SRW17 K1PG                0   18018012425                                                                        M
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 5245 THRE: 5157	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DILLON, MT	AIRPORT NAME: DILLON	RNAV	RNAV (GPS) RWY 17, ORIG	AMDT: NONE
				DATED:

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**

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
	HIA	HIA	010		IF		FB					
	HIA	SAZMI	020	IAF	TF		FB	2.0	190.5(203.5T)	020.8	AA 09400	
	HIA	CUSIF	030		TF		FB	1.0	215.7(228.7T)	008.8	AA 07500	
		CUSIF	010	FACF	IF		FB				AA 07500	
		NACCI	020	FAF	TF		FB	0.5	180.6(193.6T)	006.0	AA 06800	
		RW17	030	MAP	TF		FO	0.3	165.6(178.6T)	005.0	AT 05196	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		165.6(178.6T)		AA 05800	
	SAZMI	050		DF	R	FB					
	HIA	060		TF		FO	1.0	010.4(023.4T)		AA 10600	
	HIA	070		HM	R	FO		191.0(204.0T)	007.0	AA 10600	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HIA	N455142.44	W1121010.59	N4551.707	W11210.177
	CUSIF	N452650.01	W1123119.54	N4526.834	W11231.326
	NACCI	N452100.14	W1123319.52	N4521.002	W11233.325
	SAZMI	N453237.22	W1122159.55	N4532.620	W11221.993
	RW17	N451558.08	W1123308.98	N4515.968	W11233.150

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	05157	39

QUALITY CHECKED 1

CITY AND STATE	ELEVATION: 5245 THRE: 5157	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DILLON, MT	AIRPORT NAME: DILLON	RNAV	RNAV (GPS) RWY 17, ORIG	AMDT: NONE
				DATED:

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	SAZMI	1. AAO	454512.00N/1122333.00W	8075 (4E)	2000	SA-999 AT324	9400
			2. TERRAIN	453933.00N/1122048.00W	6579 (6600)		AS1500	8100
INITIAL	SAZMI	CUSIF	3. AAO	452845.00N/1123230.00W	6181 (4E)	1000		7200
			4. TERRAIN	452845.00N/1123230.00W	5981 (6000)		AS1500	7500
INTERMEDIATE	CUSIF	NACCI	5. AAO	452346.00N/1123622.10W	6175 (4E)	500	AC98	6800
			6. TERRAIN	452524.00N/1123357.00W	5781 (5800)		AS1000	6800
FINAL: LPV	NACCI	RW17	7. NT RD (N)	451560.00N/1123315.08W	5165 (1A)	34:1		5407/250
			(KDLNT0462)					
FINAL: LNAV/VNAV	NACCI	RW17	8. TREE	451542.00N/1123230.00W	5299 (2C)	23.44:1	AC20	5480/323
FINAL: LNAV	NACCI	RW17	8. TREE	451542.00N/1123230.00W	5299 (2C)	250		5560
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	DA / DA / RW17	HIA VOR/DME				ASC		10600
			9. AAO	453933.00N/1122048.00W	6779 (4E)	1000		7800
ELEV:	5220/5319/5460		10. TERRAIN	453933.00N/1122048.00W	6579 (6600)		AS1500	8100

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL							
CATEGORY A	1.3 NM	350	515	11. TREE	451400.00N/1123147.40W	5459 (2C)	300		5760
CATEGORY B	1.5 NM	450	515	11. TREE	451400.00N/1123147.40W	5459 (2C)	300		5760
CATEGORY C	1.7 NM	450	555	12. TREE	451351.97N/1123120.82W	5499 (2C)	300		5800
CATEGORY D	2.3 NM	550	635	13. TREE	451334.28N/1123034.87W	5579 (2C)	300		5880
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW17

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	AAO	293/ 21.7	11355 (4E)	12400					

CITY AND STATE	ELEVATION: 5245 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
DILLON, MT	DILLON	RNAV	RNAV (GPS) RWY 17, ORIG	ANM

QUALITY CHECKED

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
ZLC ARTCC BIL FSS		N W S	OTHER: ASOS	SOURCE: KDLN
		F A A		DISTANCE:
SATISFACTORY ON:		A / C		HOURS REMOTE OPERATION: 24
X V H F X U H F H F	LOCATION: KDLN			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 17 (PCL), 22 (PCL), 04 (PCL), 35 (PCL)
		REIL
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-2L 17 (PCL), 22 (PCL), 35 (PCL)
6. RUNWAY MARKINGS	BASIC BSC-G 22, 04	
	ALL WEATHER	
	INSTRUMENT NPI-G 17, 35	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 5156.7
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 39.0
9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD FT. FROM THRESHOLD
	X	ON CENTERLINE FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: ADOLFO URRUTIA (THERON CYRUS)	DATE: 11/03/2011
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-354

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

INTERMEDIATE INBOUND COURSE OFFSET 15 DEGREES FROM FINAL COURSE TO AVOID HIGH TERRAIN NORTH OF DILLON AIRPORT.

VGSI DATA: 3.00/36.5

LNAV/VNAV SURFACE: 23.44:1
LPV SURFACE: 34:1

BARO-VNAV NA: PUBLISHED DESCENT ANGLE EXCEEDS MAXIMUM ALLOWABLE BARO DESCENT ANGLE.

MISSED APPROACH EVALUATED USING IPDS

NO SUITABLE BACKUP ALT SOURCE AVAILABLE PER FPT.

SEE ATTACHED AIRSPACE LETTER.

BLOCK2, WEATHER SERVICE:
OTHER: ASOS
SERVICE A: Y

TAA NOT DEVELOPED PER FPT.
80 FT VEGETATION USED PER FPT.

3.00/39 VDA DATA USED PER FPT CHECKLIST.

TERPS, VOLUME 1, VISUAL PORTION OF FINAL PENETRATIONS:
20:1
RWY 4:
5232 NT RD (N) (KDLNT0385) 451453.15N/1123331.06W (10.18)
5228 RD (N) (KDLN0001) 451453.11N/1123332.21W (2.89)
RWY22:
5245 NT RD (N) (KDLNT0053) 451520.57N/1123244.66W (1.98)
RWY35:
5257 NT RD (N) (KDLNT0273) 451451.96N/1123304.01W (12.09)
5257 NT RD (N) (KDLNT0277) 451451.89N/1123304.07W (11.74)
5258 NT RD (N) (KDLNT0278) 451451.75N/1123304.20W (12.04)
5258 NT RD (N) (KDLNT0280) 451451.62N/1123304.35W (11.40)
5258 NT RD (N) (KDLNT0282) 451451.50N/1123304.51W (10.81)
5258 NT RD (N) (KDLNT0283) 451452.38N/1123304.69W (10.21)
5258 NT RD (N) (KDLNT0284) 451451.33N/1123304.76W (9.97)
5257 NT RD (N) (KDLNT0286) 451451.25N/1123304.92W (8.58)
5257 NT RD (N) (KDLNT0287) 451451.17N/1123305.08W (8.19)
5256 NT RD (N) (KDLNT0290) 451451.10N/1123305.24W (6.85)

25 DEGREE BANK ANGLE USED FOR MISSED APPROACH.

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CUSIF **STATE:** MT **COUNTRY:** US

LATITUDE/LONGITUDE: 452650.01N/1123119.54W **TYPE:** WP

AIRSPACE DOCKET: 11-ANM-23 **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 17			KDLN	DILLON	MT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 04/05/2012

DEVELOPED BY: **DATE:** 11/01/2011 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (THERON CYRUS)

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

SIGNATURE:

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

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: NACCI **STATE:** MT **COUNTRY:** US

LATITUDE/LONGITUDE: 452100.14N/1123319.52W **TYPE:** WP

AIRSPACE DOCKET: 11-ANM-23 **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 17			KDLN	DILLON	MT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 04/05/2012

DEVELOPED BY: **DATE:** 11/01/2011 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (THERON CYRUS)

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

SIGNATURE:

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

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SAZMI **STATE:** MT **COUNTRY:** US

LATITUDE/LONGITUDE: 453237.22N/1122159.55W **TYPE:** WP

AIRSPACE DOCKET: 11-ANM-23 **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 17			KDLN	DILLON	MT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 04/05/2012

DEVELOPED BY: **DATE:** 11/01/2011 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (THERON CYRUS)

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

SIGNATURE:

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

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WHITEHALL VOR/DME **STATE:** MT **COUNTRY:** US

LATITUDE/LONGITUDE: 455142.44N/1121010.59W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

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	WHITEHALL	HIA	VOR/DME	H							45000

FIX RESTRICTIONS:
MCA V21 9300 NORTHBOUND
MCA V86 9100 WESTBOUND

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	E	HIA	VOR/DME	077.90	257.90	R	1-1 1/2		9500	17500	9	16
2	E	HIA	VOR/DME	095.10	275.10	R	1-1 1/2		10500	17500	9	16
3	N		WP	010.52	190.52	R		7	10600	17500	10	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	455812.00N/1120051.00W	8042	4E
2	230	AAO	454247.30N/1120255.60W	9483	4E
3	230	AAO	460502.80N/1120344.70W	8809	6C

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	275
2	230	316
3	230	313

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 2 USED BY ZLC.
PAT 2 CONTROLLING 89OBSTACLE LOCATED 9597 FT INTO SECONDARY AREA. PRIMARY EUIVALENT ELEV8489 FT.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BILLINGS	1		KBIL	BILLINGS	MT (US)
DP	BOZEMAN	1		KBZN	BOZEMAN	MT (US)
DP	TEERX (RNAV)			KBZN	BOZEMAN	MT (US)
DP	WHITEHALL	1		KBZN	BOZEMAN	MT (US)
EN ROUTE	J151	1				(US)
EN ROUTE	J16	1				(US)
EN ROUTE	V21	1				(US)
EN ROUTE	V86	1				(US)
IAP	VOR/DME OR GPS-A	1		K3U3	ANACONDA	MT (US)
IAP	ILS OR LOC RWY 12	1		KBZN	BOZEMAN	MT (US)
IAP	RNAV (GPS) Y RWY 12	1		KBZN	BOZEMAN	MT (US)
IAP	RNAV (RNP) RWY 30	1		KBZN	BOZEMAN	MT (US)
IAP	RNAV (RNP) Z RWY 12	1		KBZN	BOZEMAN	MT (US)
IAP	VOR RWY 12	1		KBZN	BOZEMAN	MT (US)
IAP	VOR/DME RWY 12	1		KBZN	BOZEMAN	MT (US)
IAP	ILS Y RWY 15	1		KBTM	BUTTE	MT (US)
IAP	ILS Z RWY 15 (SPECIAL)	1		KBTM	BUTTE	MT (US)
IAP	LOC/DME RWY 15	1		KBTM	BUTTE	MT (US)
IAP	VOR/DME OR GPS-A	1		KBTM	BUTTE	MT (US)
IAP	RNAV (GPS) RWY 17		3	KDLN	DILLON	MT (US)
IAP	RNAV (GPS) RWY 35		3	KDLN	DILLON	MT (US)
IAP	RNAV (RNP) Y RWY 27	1		KHLN	HELENA	MT (US)
IAP	RNAV (RNP) Z RWY 27	1		KHLN	HELENA	MT (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11 **DATE OF REVISION:** 04/05/2012

REASON FOR REVISION:
ADDED PAT 3.
MOVED HOLDING LIMITED NOTE FROM REMARKS TO HOLDING RESTRICTIONS.
UPDATED FIX USE.
REMOVED "200'" FROM PAT 1, 2 OBSTRUCTIONS.
UPDATE PAT 2 CONTROLLING OBS.

QUALITY 2 CHECKED

DEVELOPED BY:	**DATE:** 11/02/2011	**OFFICE:** AJV-354	**NAME:** ADOLFO URRUTIA (THERON CYRUS)
APPROVED BY:	**DATE:**	**OFFICE:** AJV-354	**NAME:** DEZ SILAGYI
	SIGNATURE:		

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

QUALITY 2 CHECKED

Federal Aviation Administration

Memorandum

CONCURRENCES
ROUTING SYMBOL AJV-34 SBaker
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-354 Lead
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-354 DSilagyi
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-34 WTerrell
INITIALS/SIG
DATE
ROUTING SYMBOL
INITIALS/SIG
DATE
ROUTING SYMBOL
INITIALS/SIG
DATE

Date:

To: Dick Powell Manager, National Flight Data Center, AJV-21

From: Dez Silagyi, Manager, Terminal Procedures & Charting Services, Western Team, AJV-354

Subject: **ACTION:** Magnetic Variation Change

The Magnetic Variation (MV) data for the airport(s) and/or facility(s) listed under the 'Airport/Facility" column will be revised effective concurrent with the publication of the procedure(s) listed below.

RNAV (GPS) RWY 17 ORIG
RNAV (GPS) RWY 35 ORIG
VOR-A AMDT 8
VOR/DME-B AMDT 2

Estimated Chart Date: 4/5/2012

Please publish these changes in the National Flight Data Digest.

MONTANA

Location	Name	Airport /Facility	Identifier	Assigned Magnetic Variation Value	Epoch Year
Montana	Dillon	Airport	KDLN / DLN	Old 18 ° East New 13 ° East	2010

If you have any questions please notify Dez Silagyi (405-954-9977).

CC SEA-FPT, AJV-3rf
AJV-354:DSilagyi:sjb:x7537: 9/23/2011: (U:\AVN100\100Public\MAGVAR\MAGVAR Letters 2010\Document Name)
Requested by Edward Noyes, AJW-3254; Data Specialist, Paul Clark

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **DILLON** STATE: **MT**

AIRPORT NAME: **DILLON** ID: **KDLN**

PROCEDURE: **RNAV (GPS) RWY 17** AMDT: **ORIG**

DOCKET # : 11-ANM-23
(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 **3.15**
   (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 **178.59**
4. High Terrain in **FINAL** segment containing 1000' point **5217**
5. Distance from **FAF** to 1500' point **5.60**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **INTERMEDIATE** segment at 1500' point **4.00**
7. True Course of **INTERMEDIATE** segment containing 1500' point **193.59**
8. High Terrain in **INTERMEDIATE** segment containing 1500' point **5781**
9. Threshold Coordinates (if straight-in) ... **451558.08N** / **1123308.98W**
10. ARP Coordinates ..... **451519.30N** / **1123309.00W**
11. Runway Approach End and distance furthest from ARP.....RWY **17**
    Distance **0.65** NM
12. FAF Coordinates ..... **452100.14N** / **1123319.52W**
    (Click to Select)

REMARKS: Approach/Drawing attached.