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
DEKTE (IAF)	ECUDI (NOPT) (FB)	053.43 / 10.00	7000
CAPVA (IAF)	ECUDI (NOPT) (FB)	233.68 / 10.00	7000
ECUDI (IF/IAF)	FEPAS (FB)	143.55 / 7.60	6200
FEPAS (FAF)	GISEY/2.30 NM TO RW14 (FB)	143.60 / 2.68	5340
GISEY/2.30 NM TO RW14	RW14 (MAP) (FO)	143.61 / 2.30	
RW14 (MAP)	4969 MSL	143.61	
4969 MSL	HARPU (FO)		7000

MISSED APPROACH

LP: RW14
LNAV: RW14

CLIMB TO 7000 DIRECT HARPU AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 323.72 INBOUND.
CHART FAS OBST: 4744 TREE 402237N/1035032W
CHART FAS OBST: 4724 TREE 402157N/1035005W
4929 AAO 402353N/1035207W
WAAS CHANNEL # 86330
REFERENCE PATH ID: W14A
FEPAS TO RW14: 3.00/45.
LTP HAE: 1373.2 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW ECUDI, RT, 143.55 INBOUND, 7000 FT. IN LIEU OF PT (IAF)
3. FAC: 143.60 FAF: FEPAS DIST FAF TO MAP: 4.98 THLD: 4.98
4. MIN. ALT: ECUDI 7000, FEPAS 6200, GISEY/2.30 NM TO RW14 5340
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: ____

MAG VAR: 8E EPOCH YEAR: 2015

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
LP MDA	4980	1	411	4980	1	411	4980	1 1/8	411	4980	1 1/8	411			
LNAV MDA	5000	1	431	5000	1	431	5000	1 1/4	431	5000	1 1/4	431			
CIRCLING	5000	1	431	5020	1	451	5040	1 1/2	471	5140	2	571			

NOTES:
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 14 PROCEDURE NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 4569 THRE: 4569 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
FORT MORGAN, CO	FORT MORGAN MUNI	RNAV	RNAV (GPS) RWY 14, 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] ZDV, AMGR

FLIGHT CHECKED BY

NAME:	FIFO	DATE:
DANIEL CHARLES FAVORITE	FIOG	06/06/2012

DEVELOPED BY

NAME:	FIFO	DATE:
ADOLFO URRUTIA (DAVID E. JENNER)	AJV-354	03/08/2012

APPROVED BY

NAME:	FIFO	DATE:
DEZ SILAGYI MANAGER	AJV-354	

CHANGES:

1. ORIGINAL

REASONS:

1. PER FPT

PDF EDIT:
A.TERMINAL ROUTES: FROM COLUMN - (FAF) ADDED AFTER FEPAS.
B.TERMINAL ROUTES: ALTITUDE COLUMN (4969 MSL TO HARPU (FO) 4969 DELETED AND 7000 ADDED.
C. LINE 7: GLIDESLOPE AND TCH DELETED.
D. TERMINAL ROUTES: ALTITUDE COLUMN (FEPAS TO GISEY) 5340 DELETED.
E. TERMINAL ROUTES: FROM COLUMN RW14/ DELETED FROM RW14/RW14 (MAP) LINE.

06/14/12: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/08/12.
1. CIRCLING CAT D CONTROLLING OBSTACLE CHANGED PER FLIGHT CHECK, 4D ACCURACY APPLIED
2. CIRCLING CAT D MDA CHANGED FROM 5120-2 (551) TO 5140-2 (571)

SEE 8260-10

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AKRON ALTIMETER SETTING AND INCREASE ALL MDA 100 FT, AND INCREASE LP AND LNAV CAT C AND D VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	053/30 CW 234/30 (NOPT)	053/8 CW 234/8	7700
2.	053/8 CW 234/8	ECUDI (IF/IAF) (FB)	7000
3.	234/30 CW 324/30	CAPVA (IAF) (FB)	7000
4.	324/30 CW 053/30	324/8 CW 053/8	7800
5.	324/8 CW 053/8	DEKTE (IAF) (FB)	7000

CITY AND STATE	ELEVATION: 4569 THRE: 4569	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FORT MORGAN, CO	AIRPORT NAME: FORT MORGAN MUNI	RNAV	RNAV (GPS) RWY 14, 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:

REASONS CONT.

EFFECTIVE CONCURRENT WITH: AIRSPACE DOCKET 12-ANM-5

QUALITY 1 CHECKED

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFMM
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	402027.6665N
LTP/FTP LONGITUDE	1034836.7455W
LTP/FTP ELLIPSOIDAL HEIGHT	+13732
FPAP LATITUDE	401909.2100N
FPAP LONGITUDE	1034741.4000W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1160
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	0537112C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+13925
FPAP ORTHOMETRIC HEIGHT	+13925

COPYRIGHT

CITY AND STATE	ELEVATION: 4569 THRE: 4569	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FORT MORGAN, CO	AIRPORT NAME: FORT MORGAN MUNI	RNAV	RNAV (GPS) RWY 14, ORIG	AMDT: NONE
				DATED:

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:

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP       123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAEAENRT   CAPVA K20    W     N40361749W103445444                E0082     NAR           CAPVA
         SUSAEAENRT   DEKTE K20    W     N40264544W104075805                E0084     NAR           DEKTE
         SUSAEAENRT   ECUDI K20    W     N40313204W103562706                E0083     NAR           ECUDI
         SUSAEAENRT   FEPAS K20    W     N40245074W103514264                E0082     NAR           FEPAS
         SUSAEAENRT   GISEY K20    W     N40222917W103500255                E0082     NAR           GISEY
         SUSAEAENRT   HARPU K20    W     N40082612W103400929                E0081     NAR           HARPU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KFMMK2AFMM      0     052YHN40200230W103481463E008004569         1800018000C    MNAR     FORT MORGAN MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KFMMK2FR14   ACAPVA 010CAPVAK2EA0E  A    IF                                          18000                    A JS
         SUSAP KFMMK2FR14   ACAPVA 020ECUDIK2EA0EE B 010TF                    23370100    + 07000                          A JS
         SUSAP KFMMK2FR14   ADEKTE 010DEKTEK2EA0E  A    IF                                          18000                    A JS
         SUSAP KFMMK2FR14   ADEKTE 020ECUDIK2EA0EE B 010TF                    05340100    + 07000                          A JS
         SUSAP KFMMK2FR14   AECUDI 010ECUDIK2EA0EE AR   HF                    14360070    + 07000     18000                A JS
         SUSAP KFMMK2FR14   R      010ECUDIK2EA0E  I    IF                                + 07000     18000                A JS
         SUSAP KFMMK2FR14   R      020FEPASK2EA1E  F 051TF                    14360076    + 06200                          A JS
         SUSAP KFMMK2FR14   R      020FEPASK2EA2WALP        N          ALNAV                                                JS
         SUSAP KFMMK2FR14   R      021GISEYK2EA0E S  031TF                    14360027    V 0534005346        -300         A JS
         SUSAP KFMMK2FR14   R      030RW14 K2PG0GY M 031TF                    14360023      04614             -300         A JS
         SUSAP KFMMK2FR14   R      040         0  M     CA                    1436        + 04969                          A JS
         SUSAP KFMMK2FR14   R      050HARPUK2EA0EY       DF                              + 07000                          A JS
         SUSAP KFMMK2FR14   R      060HARPUK2EA0EE  R   HM                    32370070    + 07000                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY   123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KFMMK2GRW14     0052191436 N40202767W103483675-1300     +13732045690000450 60R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP       123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KFMMK2PR14   RW14 001 0000W14A0N4020276665W10348367455+137320300N4019092100W1034741400010675116000045 0F4005000537112C
         SUSAP KFMMK2PR14   RW14 002E      +13925+13925LP        86330
```

CITY AND STATE	ELEVATION: 4569 THRE: 4569	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FORT MORGAN, CO	AIRPORT NAME: **FORT MORGAN MUNI**	**RNAV**	**RNAV (GPS) RWY 14, ORIG**	AMDT: **NONE**
				DATED:

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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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	CAPVA	CAPVA	010	IAF	IF		FB					
	CAPVA	ECUDI	020		TF		FB	1.0	233.7(241.7T)	010.0	AA 07000	
	DEKTE	DEKTE	010	IAF	IF		FB					
	DEKTE	ECUDI	020		TF		FB	1.0	053.4(061.4T)	010.0	AA 07000	
	ECUDI	ECUDI	010	IAF	HF	R	FO		143.6(151.6T)	007.0	AA 07000	
		ECUDI	010	FACF	IF		FB				AA 07000	
		FEPAS	020	FAF	TF		FB	0.5	143.6(151.6T)	007.6	AA 06200	
		GISEY	021	SDF	TF		FB	0.3	143.6(151.6T)	002.7	AA 05340 GS 05346	
		RW14	030	MAP	TF		FO	0.3	143.6(151.6T)	002.3	AT 04614	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		143.6(151.6T)		AA 04969	
	HARPU	050		DF		FO				AA 07000	
	HARPU	060		HM	R	FO		323.7(331.7T)	007.0	AA 07000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CAPVA	N403617.49	W1034454.44	N4036.292	W10344.907
	DEKTE	N402645.44	W1040758.05	N4026.757	W10407.968
	ECUDI	N403132.04	W1035627.06	N4031.534	W10356.451
	FEPAS	N402450.74	W1035142.64	N4024.846	W10351.711
	GISEY	N402229.17	W1035002.55	N4022.486	W10350.043
	HARPU	N400826.12	W1034009.29	N4008.435	W10340.155
	RW14	N402027.67	W1034836.75	N4020.461	W10348.613

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW14	04569	45

CITY AND STATE	ELEVATION: **4569** THRE: **4569**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FORT MORGAN, CO	AIRPORT NAME: **FORT MORGAN MUNI**	**RNAV**	**RNAV (GPS) RWY 14, ORIG**	AMDT: **NONE**
				DATED:

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.
STRAIGHT-IN AREA	053/30 CW 234/30	053/8 CW 234/8	1. W/MILL (08-001268)	405456.41N/1040452.36W	5929 (4D)	2000	MT-229	7700
			2. TERRAIN	405354.00N/1040615.00W	5558 (5600)		AS1500	7100
STRAIGHT-IN AREA	053/8 CW 234/8	ECUDI	3. AAO	403448.00N/1035833.00W	5269 (4E)	2000	MT-269	7000
			4. TERRAIN	403448.00N/1035833.00W	5069 (5100)		AS1500	6600
LEFT BASE AREA	234/30 CW 324/30	CAPVA	3. AAO	403448.00N/1035833.00W	5269 (4E)	2000	MT-269	7000
			4. TERRAIN	403448.00N/1035833.00W	5069 (5100)		AS1500	6600
RIGHT BASE AREA	324/30 CW 053/30	324/8 CW 053/8	5. TWR (08-020356)	400201.21N/1035618.94W	6044 (5D)	2000	MT-244	7800
			6. TERRAIN	400257.00N/1043303.00W	5161 (5200)		AS1500	6700
RIGHT BASE AREA	324/8 CW 053/8	DEKTE	7. AAO	402655.00N/1035656.90W	5121 (6A)	2000	MT-121	7000
			8. TERRAIN	402655.00N/1035656.90W	4921 (4900)		AS1500	6400
INITIAL	DEKTE	ECUDI	9. AAO	403318.00N/1035724.00W	5239 (4E)	1000	AT761	7000
			10. TERRAIN	403318.00N/1035724.00W	5039 (5000)		AS1500	6500
INITIAL	CAPVA	ECUDI	9. AAO	403318.00N/1035757.00W	5239 (4E)	1000	AT761	7000
			10. TERRAIN	403318.00N/1035718.00W	5029 (5000)		AS1500	6500
2. HOLD-IN-LIEU-OF-PT	ECUDI	P-9	17. AAO	404509.00N/1040454.00W	5305 (4E)	1000	AT695	7000
			18. TERRAIN	404515.00N/1040454.00W	5105 (5100)		AS1500	6600
3. MISSED APPROACH MAP:	RW14 / RW14	HARPU				ASC		7000
			19. STACK (08-000280)	401313.00N/1034047.00W	4860 (5D)	1000	AC50	6000
ELEV:	4880/4900		20. TERRAIN	402051.00N/1034839.00W	4571 (4600)		AS1500	6100

4. CIRCLING AREA	DISTANCE	REQUIRED HT. ABV. ARPT.	ACTUAL HT. ABV. ARPT.
CATEGORY A	1.3 NM	350	431
CATEGORY B	1.5 NM	450	451
CATEGORY C	1.7 NM	450	471
CATEGORY D	2.3 NM	550	571
CATEGORY E	4.5 NM	550	

21. TREE	402119.94N/1034942.01W	4654 (2C)	300	SI	5000
22. TREE	402132.25N/1034957.09W	4684 (2C)	300	HAA	5020
23. TREE	402129.46N/1035020.16W	4734 (2C)	300		5040
24. TOWER	401909.00N/1035041.40W	4780 (4D)	300	AC50	5140

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	ELEVATION: 4569 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
FORT MORGAN, CO	FORT MORGAN MUNI	RNAV	RNAV (GPS) RWY 14, ORIG	ANM

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
ZDV ARTCC DEN FSS FSS	[ ] N W S [ ] F A A [ ] A / C OTHER: AWOS-3	SOURCE: KFMM / KAKO DISTANCE: 0 / 28.37 HOURS REMOTE OPERATION: 24 / 24
SATISFACTORY ON: [X] V H F [X] U H F [ ] H F	LOCATION:	ADJUSTMENT: 0 / 86

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3
5. APPROACH & RUNWAY LIGHTING	[ ]	ALS
	[ ]	(S) SALS
	[ ]	MALS
	[ ]	HIRL
	[X]	MIRL 14 (PCL), 32 (PCL)
	[X]	REIL 32
	[ ]	TDZ
	[ ]	C/LINE
	[X]	OTHER (SPECIFY) PAPI-2L 14
6. RUNWAY MARKINGS	BASIC BSC-G 14, 32	
	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	[X]	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	[X]	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: ADOLFO URRUTIA (DAVID E. JENNER)	DATE: 03/08/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-354

PART C - REMARKS:

VDP NOT ESTABLISHED - OBSTACLES PENETRATE 20:1.

PARA 251, 20:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VGSI DATA: 3.00/23

KFMM AWOS IS NOT ON SERVICE A, KAKO ASOS IS ON SERVICE A.

RASS PRESSURE PATTERNS SAME
KFMM 4568.7, KAKO 4715.8
RA = 85.85 FT.
SEE ATTACHED AIRSPACE LETTER.

TAA DEVELOPED PER ATC REQUEST.

15 FT VEGETATION AND 200 FT AAO USED IN PROCEDURE, VEGETATION HEIGHT PER FPT.

TERPS PARAGRAPH 289 APPLIED TO 4929 AAO 402353N/1035207W.

INTERMEDIATE SEGMENT FROM DEKTE IAF HAS A DIFFERENT CONTROLLING OBSTACLE THAN THE IF SEGMENT IN THE CAPVA AND HIL ROUTES. THE IF IN THE DEKTE ROUTE HAS THE HIGHEST CONTROLLING OBSTACLE AND WAS DOCUMENTED ON THE THE 8260-9.

OBST #19 LIES 482.51 FT INTO SECONDARY AREA.

OBS #1 - REQUEST 4D ACCURACY CODE EVALUATION.

TERPS VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS:

FPO NOTIFIED.
20:1
RW 14 GRD (KFMMT004) 402030.88N-1034838.19W (1.37)
RW 14 GRD (KFMMT005) 402030.37N-1034838.67W (1.75)

34:1
RW 14 GRD (KFMMT0003) 402032.64N-1034841.13W (1.43)
RW 14 GRD (KFMMT0002) 402033.26N-1034839.74W (2.31)

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
INTERMEDIATE	ECUDI (IF/IAF)	FEPAS	11. AAO	403309.00N/1035709.00W	5209 (4E)	500	AT491	6200
			12. TERRAIN	403155.36N/1035558.28W	4949 (4900)		AS1000	5900
FINAL: LP	FEPAS	GISEY/2.30 NM TO	13. TREE	402238.46N/1035040.00W	4754 (2C)	250	DG336	5340
		RW14						
FINAL: LP STEPDOWN	GISEY/2.30 NM TO	RW14	14. TREE	402157.04N/1035004.64W	4724 (2C)	250		4980
	RW14							
FINAL: LNAV	FEPAS	GISEY/2.30 NM TO	15. AAO	402416.35N/1035246.65W	4939 (2C)	250	DG65 RA86	5340
		RW14						
FINAL: LNAV STEPDOWN	GISEY/2.30 NM TO	RW14	16. TREE	402236.93N/1035031.70W	4744 (2C)	250		5000
	RW14							
3. MISSED APPROACH MAP:								
ELEV:								

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

HT. ABV. ARPT.

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID:

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

QUALITY CHECKED 1

CITY AND STATE	ELEVATION: 4569 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
FORT MORGAN, CO	FORT MORGAN MUNI	RNAV	RNAV (GPS) RWY 14, ORIG	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
		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: CAPVA **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 403617.49N/1034454.44W **TYPE:** WP

AIRSPACE DOCKET: 12-ANM-5 **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 14			KFMM	FORT MORGAN	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 02/23/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (DAVID JENNER)

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

SIGNATURE:

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

QUALITY 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DEKTE **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 402645.44N/1040758.05W **TYPE:** WP

AIRSPACE DOCKET: 12-ANM-5 **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 14			KFMM	FORT MORGAN	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 02/23/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (DAVID JENNER)

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

SIGNATURE:

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

QUALITY 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ECUDI **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 403132.04N/1035627.06W **TYPE:** WP

AIRSPACE DOCKET: 12-ANM-5 **FIX TYPE OF ACTION:** ESTABLISH

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

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	NW		WP	323.55	143.55	R		7	7000	14000	9	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	404515.00N/1040454.00W	5305	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 14		1	KFMM	FORT MORGAN	CO (US)
IAP	RNAV (GPS) RWY 32		1	KFMM	FORT MORGAN	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 02/23/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (DAVID JENNER)

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

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: FEPAS **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 402450.74N/1035142.64W **TYPE:** WP

AIRSPACE DOCKET: 12-ANM-5 **FIX TYPE OF ACTION:** ESTABLISH

REMARKS:
USED 8260-54A CRITERIA TO ESTABLISH PFAF LOCATION.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 14			KFMM	FORT MORGAN	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 02/23/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (DAVID JENNER)

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

SIGNATURE:

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

QUALITY 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GISEY **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 402229.17N/1035002.55W **TYPE:** WP

AIRSPACE DOCKET: 12-ANM-5 **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 14			KFMM	FORT MORGAN	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 02/23/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (DAVID JENNER)

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

SIGNATURE:

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

QUALITY 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HARPU **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 400826.12N/1034009.29W **TYPE:** WP

AIRSPACE DOCKET: 12-ANM-5 **FIX TYPE OF ACTION:** ESTABLISH

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

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	143.72	323.72	R		7	7000	14000	9	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	400245.00N/1032436.00W	4935	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 14		1	KFMM	FORT MORGAN	CO (US)
IAP	RNAV (GPS) RWY 32		1	KFMM	FORT MORGAN	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 02/23/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (DAVID JENNER)

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

SIGNATURE:

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

QUALITY CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **FORT MORGAN** STATE: **CO**

AIRPORT NAME: **FORT MORGAN MUNI** ID: **KFMM**

PROCEDURE: **RNAV (GPS) RWY 14** AMDT: **ORIG**

DOCKET#: **12-ANM-5**
(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 (Enter THLD, FAF, ARP, FACILITY, as appropriate)	**THLD**	to 1000' point	**3.31**
2. Width of (Enter appropriate segment, final, intermediate, etc.)	**FINAL**	segment at 1000' point	**1.20**
3. True Course of	**FINAL**	segment containing 1000' point	**151.60**
4. High Terrain in	**FINAL**	segment containing 1000' point	**4741**
5. Distance from (If 1500' point in PT maneuvering area or holding pattern note in remarks)	**THLD**	to 1500' point	**7.08**
6. Width of	**INTERMEDIATE**	segment at 1500' point	**2.00**
7. True Course of	**INTERMEDIATE**	segment containing 1500' point	**151.55**
8. High Terrain in	**INTERMEDIATE**	segment containing 1500' point	**4949**

9. Threshold Coordinates (if straight-in) ... **402027.67N** / **1034836.75W**

10. ARP Coordinates ..... **402002.30N** / **1034814.63W**

11. Runway Approach End and distance furthest from ARP ..... RWY **14**

Distance **0.51** NM

12. FAF Coordinates ..... **402450.74N** / **1035142.64W**

REMARKS: Approach/Drawing attached.

TAA: CAPVA (IAF) 403617.49N-1034454.44W; DEKTE (IAF) 402645.44N-1040758.05W
ECUDI (IF/IAF) 403132.04N-1035627.06W RADIUS: 30 NM

Federal Aviation Administration

Memorandum

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 14, ORIG
RNAV (GPS) RWY 32, ORIG

Estimated Chart Date: 07/26/2012

Runway Numbers are not affected.

Please publish these changes in the National Flight Data Digest.

COLORADO

Location	Name	Airport /Facility	Identifier	Assigned Magnetic Variation Value	Epoch Year
Fort Morgan	Fort Morgan Muni	Airport	KFMM / FMM	Old 11 ° East New 8 ° East	2015

If you have any questions please notify Dez Silagyi, dez.silagyi@faa.gov (405) 954-9977.

cc: SEA-FPT, AVJ-3rf
AJV-354; DSilagyi :sbj::x7537:02/14/2012 :U:\AVN100\100Public\MAGVAR\MAGVAR Letters 2012\MV Request MV Change for @Airport , Fort Morgan, CO KFMM) Requestor:DJenner, AJW-3762:[CPavelko

CONCURRENCES

ROUTING SYMBOL	INITIALS/SIG	DATE
AJV-34 SBaker		
AJV-354 Lead		
AJV-354 DSilagyi		
AJV-341 PGetz		