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
DBL VOR/DME (IF/IAF)	HEPEB (FB)	166.38 / 3.50	12900
HEPEB	ALLIX (FB)	166.38 / 2.50	12200
ALLIX (FAF)	MAFMU (MAP) (FO)	166.39 / 5.00	
MAFMU (MAP)	8237 MSL	166.39	
8237 MSL	LINDZ (FB)		
LINDZ	GLENO (FO)	247.00 / 10.12	14000

MISSED APPROACH

LNAV: MAFMU

CLIMBING RIGHT TURN TO 14000 DIRECT LINDZ AND ON TRACK 247.00 TO GLENO AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, LT, 067.17 INBOUND.
FAS OBST: 9619 AAO 391931N/1065210W
10319 AAO 392032N/1065150W
ALLIX TO RW15: 6.49/55

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N DBL VOR/DME, RT, 166.38 INBOUND, 13700 FT. IN LIEU OF PT (IAF)
3. FAC: 166.39 FAF: ALLIX DIST FAF TO MAP: 5.00 THLD:
4. MIN. ALT: DBL VOR/DME 13700, HEPEB 12900, ALLIX 12200
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: MAFMU 15700

MAG VAR: 9E EPOCH YEAR: 2015

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
CIRCLING	10200	1 3/4	2363	10200	1 3/4	2363	10220	3	2383		NA				

NOTES:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE AT MAFMU: MAX 190 KIAS UNTIL LINDZ.
CHART NOTE: PROCEDURE NA AT NIGHT.
(SEE FORM 8260-10)

@ CAT A, B 2400-2, CAT C 2400-3

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 7837 TDZE: AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ASPEN, CO	ASPEN-PITKIN CO/SARDY FIELD	RNAV	RNAV (GPS)-F, ORIG	AMDT: NONE
				DATED

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

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
X		X		X	X	X **ZDV, ASE, AMGR**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: **JACOB A. POWERS**	FIFO **AJV-354**	DATE: **03/14/2012**
APPROVED BY		
NAME: **DEZ SILAGYI** **MANAGER**	FIFO **AJV-354**	DATE:

CHANGES:

ORIGINAL PROCEDURE

REASONS:

FPT REQUEST

QUALITY 2 CHECKED

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NOTES, (CONT.):
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON DBL VOR/DME AIRWAY RADIALS 297 CW 020.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 7837 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ASPEN, CO	AIRPORT NAME: ASPEN-PITKIN CO/SARDY FIELD	RNAV	RNAV (GPS)-F, 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

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 PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID   123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAD        DBL   K2011300VDHW N39262164W106534085    N39262164W106534085E0120118002     NARRED TABLE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP       123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAEAENRT   ALLIX K20    C     N39202249W106530347                      E0097     NAR           ALLIX
         SUSAEAENRT   GLENO K20    C   B N39205184W107220809                      E0099     NAR           GLENO
         SUSAEAENRT   HEPEB K20    C     N39225214W106531903                      E0097     NAR           HEPEB
         SUSAEAENRT   LINDZ K20    C   L N39231955W107092850                      E0098     NAR           LINDZ
         SUSAEAENRT   MAFMU K20    C     N39152320W106523241                      E0097     NAR           MAFMU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KASEK2AASE     0     080YHN39132340W106520790E009007837         1800018000C    MNAR    ASPEN-PITKIN CO/SARDY FIELD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KASEK2FRNV-F ADBL   010DBL  K2D 0VE AR   HF                    16340080    + 13700     18000                 B JC
         SUSAP KASEK2FRNV-F R      010DBL  K2D 0V  I    IF                                + 13700     18000                 B JC
         SUSAP KASEK2FRNV-F R      011HEPEBK2EA0E S  051TF                    16640035    + 12900                           B JC
         SUSAP KASEK2FRNV-F R      020ALLIXK2EA0E  F 051TF                    16640025    + 12200                 MAFMU K2EAB JC
         SUSAP KASEK2FRNV-F R      030MAFMUK2EA0EY M 031TF                    16640050      10220              000          B JC
         SUSAP KASEK2FRNV-F R      040          0  M     CA                    1664        + 08237          190             B-JC
         SUSAP KASEK2FRNV-F R      050LINDZK2EA0E   R   DF                                                 190             B-JC
         SUSAP KASEK2FRNV-F R      060GLENOK2EA0EY   010TF                    2470        + 14000                           B JC
         SUSAP KASEK2FRNV-F R      070GLENOK2EA0EE  L   HM                    06420080    + 14000                           B JC

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KASEK2SMAFMUK2EA                0   18018015725                                                                    M
```

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 7837 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ASPEN, CO	AIRPORT NAME: **ASPEN-PITKIN CO/SARDY FIELD**	**RNAV**	**RNAV (GPS)-F, 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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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	DBL	DBL	010	IAF	HF	R	FO		163.4(172.4T)	008.0	AA 13700	
		DBL	010	FACF	IF		FB				AA 13700	
		HEPEB	011	SDF	TF		FB	0.5	166.4(175.4T)	003.5	AA 12900	
		ALLIX	020	FAF	TF		FB	0.5	166.4(175.4T)	002.5	AA 12200	
		MAFMU	030	MAP	TF		FO	0.3	166.4(175.4T)	005.0	AT 10220	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		166.4(175.4T)		AA 08237	AB 190
	LINDZ	050		DF	R	FB					AB 190
	GLENO	060		TF		FO	1.0	247.0(256.0T)		AA 14000	
	GLENO	070		HM	L	FO		064.2(073.2T)	008.0	AA 14000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DBL	N392621.64	W1065340.85	N3926.361	W10653.681
	ALLIX	N392022.49	W1065303.47	N3920.375	W10653.058
	GLENO	N392051.84	W1072208.09	N3920.864	W10722.135
	HEPEB	N392252.14	W1065319.03	N3922.869	W10653.317
	LINDZ	N392319.55	W1070928.50	N3923.326	W10709.475
	MAFMU	N391523.20	W1065232.41	N3915.387	W10652.540

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 7837 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ASPEN, CO	AIRPORT NAME: ASPEN-PITKIN CO/SARDY FIELD	RNAV	RNAV (GPS)-F, 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.
INTERMEDIATE	DBL VOR/DME	HEPEB	1. AAO	392639.00N/1065412.00W	11884 (3E)	500	PR320 AC115	12900
	(IF/IAF)		2. TERRAIN	392639.00N/1065412.00W	11684		AS1000	12700
					(11700)			
INTERMEDIATE:	HEPEB	ALLIX	3. AAO	392400.00N/1065054.00W	10991 (3E)	500	PR320 AC115 AT274	12200
STEPDOWN			4. TERRAIN	392400.00N/1065054.00W	10791		AS1000	11800
					(10800)			
FINAL: LNAV	ALLIX	MAFMU	5. AAO	391931.36N/1065210.42W	9619 (2C)	250	PR250 DG81	10200
2. HOLD-IN-LIEU-OF-PT	DBL VOR/DME	P-11	6. AAO	392512.60N/1064616.80W	12238 (6C)	1000	PR375	13700
			7. TERRAIN	392512.60N/1064616.80W	12038		AS1500	13500
					(12000)			
3. MISSED APPROACH MAP:	MAFMU	GLENO				ASC		14000
			8. AAO	391806.00N/1072224.00W	10739 (4E)	1000	PR380	12200
ELEV:	9850		9. TERRAIN	391806.00N/1072224.00W	10539		AS1500	12000
			10. TREE	391132.72N/1065231.21W	9219 (2C)	300	SI	10200
			11. TREE	391333.32N/1065010.91W	9459 (2C)	300	SI	10200
			12. TREE	391106.57N/1065235.17W	9659 (2C)	300	PR250	10220

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	2363
CATEGORY B	1.5 NM	450	2363
CATEGORY C	1.7 NM	450	2383
CATEGORY D	2.3 NM	550	
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: MAFMU

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	AAO	091/ 19.2	14640 (6C)	15700					

CITY AND STATE	ELEVATION: 7837 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
ASPEN, CO	ASPEN-PITKIN CO/SARDY FIELD	RNAV	RNAV (GPS)-F, ORIG	ANM

CHECKED

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
ASE TOWER ZDV ARTCC ASE APP CON DEN FSS		N W S	OTHER: ASOS	SOURCE: KASE
		F A A		DISTANCE:
SATISFACTORY ON:		A / C		HOURS REMOTE OPERATION:
X V H F X U H F H F	LOCATION:			ADJUSTMENT: 0

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	
5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
	X	MALSF 15
		HIRL
	X	MIRL 33, 15
	X	REIL 33
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-4L 15
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	NPI-G 33, 15
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
		ON CENTERLINE — FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: JACOB A. POWERS	DATE: 03/14/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-354

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TERPS 289 APPLIED TO 10319 AAO 392032N/1065150W

100' VEGETATION USED PER WST FPT.

PRECIPITOUS TERRAIN ADJUSTMENT ADDED TO CIRCLING FOR CATS A AND B FOR CONSISTENCY WITH LOC/DME-E PROCEDURE.

RWY 33 20:1 VISUAL SURFACE PENETRATIONS NOT LISTED, PROCEDURE IS NA AT NIGHT.

SEE ATTACHED AIRSPACE LETTER.

MAX SPEED MAFMU TO LINDZ - 190 KIAS

MISSED APPROACHES USES 25° BANK ANGLE.

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ALLIX **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 392022.49N/1065303.47W **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	RED TABLE	DBL	VOR/DME	H	163.38	175.38	6.00	6.00		12200	17500

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS)-F			KASE	ASPEN	CO (US)
IAP	VOR/DME-C	1		KASE	ASPEN	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
FIX MOVED 395' EAST.
FAC 1 MAG/TRUE BRG CHANGED FROM 164.00/176.00 TO 163.38/175.38, MRA CHANGED FROM 12000 TO 12200.
DIST FROM FAC ADDED IN NM FOR FAC 1.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 02/24/2012 **OFFICE:** AJV-354 **NAME:** JACOB POWERS

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

SIGNATURE:

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

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GLENO **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 392051.84N/1072208.09W **TYPE:** WP, INT, DME

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	FEET	MRA	MAA
1	RED TABLE	DBL	VOR/DME	H	244.17	256.17	22.73	22.73		14000	45000
2	MEEKER	EKR	VOR/DME	H	134.00	149.00		50.24		16000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
EKR	VOR/DME	R-134	51	16000	22200

FIX RESTRICTIONS:
MRA V134 16000
SPECIAL VOR/DME-D, KASE, ASPEN, CO
SPECIAL LOC/DME RWY 15, KASE, ASPEN, CO
SPECIAL RNAV (RNP) Y RWY 15, KASE, ASPEN, CO
SPECIAL RNAV (RNP) Z RWY 15, KASE, ASPEN, CO

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SW	DBL	VOR/DME	244.17	064.17	L	1-1 1/2		14000	29000	12	24
2	SW		WP	247.17	067.17	L		8	14000	17500	11	17
3	SW	DBL	VOR/DME	244.17	064.17	L	1-1 1/2		14200	17500	16	18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	391427.17N/1072219.71W	11599	2C
2	230	AAO	391427.17N/1072219.71W	11599	2C
3	265	AAO	391554.00N/1071036.00W	13081	4E
3	310	AAO	391540.60N/1071003.30W	13153	6C

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	375
2	230	375
3	265	375

REASON FOR NONSTANDARD HOLDING:
PAT 2 HIGH TERRAIN SOUTH
PAT 1 HIGH TERRAIN SOUTH
PAT 3 HIGH TERRAIN SOUTH

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
3	LOC/DME RWY 15	KASE	ASPEN	CO (US)

REMARKS:
PAT 1, 3 - DBL DME REQUIRED FOR HOLDING BELOW 16000
PRECIPITOUS TERRAIN EVALUATION COMPLETED
PAT 3 265K CONTROLLING OBSTRUCTION LOCATED 9420' INTO SECONDARY AREA, PRIMARY EQUIVALENT 12194' MSL.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PITKIN			KASE	ASPEN	CO (US)
EN ROUTE	J80	1, 2	1			(US)
EN ROUTE	V134	1, 2	1			(US)
IAP	LOC/DME RWY 15	1	1, 3	KASE	ASPEN	CO (US)
IAP	LOC/DME-E	1	1	KASE	ASPEN	CO (US)
IAP	RNAV (GPS)-F		2	KASE	ASPEN	CO (US)
IAP	RNAV (RNP) Y RWY 15		2	KASE	ASPEN	CO (US)
IAP	RNAV (RNP) Z RWY 15		2	KASE	ASPEN	CO (US)
IAP	VOR/DME-C	1	1	KASE	ASPEN	CO (US)
IAP	VOR/DME-D	1, 2	1	KASE	ASPEN	CO (US)
IAP	RNAV (RNP) Y RWY 26			KRIL	RIFLE	CO (US)
IAP	RNAV (RNP) Z RWY 26			KRIL	RIFLE	CO (US)

QUALITY 2 CHECKED

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
UPDATED FIX USE.
ADDED HOLDING PATTERN 3.
UPDATED PAT 2 COURSE INBOUND FROM 064.17 TO 067.17.

DEVELOPED BY:	**DATE:** 07/22/2011	**OFFICE:** AJV-354	**NAME:** JACOB POWERS
APPROVED BY:	**DATE:**	**OFFICE:** AJV-354	**NAME:** DEZ SILAGYI
	SIGNATURE:		

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

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HEPEB **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 392252.14N/1065319.03W **TYPE:** WP, DME

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

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	RED TABLE	DBL	VOR/DME	H	163.38	175.38	3.50	3.50		12900	17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS)-F			KASE	ASPEN	CO (US)
IAP	VOR/DME-C	1		KASE	ASPEN	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 02/24/2012 **OFFICE:** AJV-354 **NAME:** JACOB POWERS

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

SIGNATURE:

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

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LINDZ **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 392319.55N/1070928.50W **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	RED TABLE	DBL	VOR/DME	H	244.17	256.17	12.61	12.61		14000	17500
2	SNOW	SXW	VOR/DME	T	196.28	208.28		16.38		14000	17500
3	ASPEN	I-PKN	LOC		303.00	312.00		21.08		12200	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-PKN	LOC	R-303	22	12200	17500

FIX RESTRICTIONS:
SPECIAL RNAV (GPS) Z RWY 15, KASE, ASPEN, CO
SPECIAL RNAV (RNP) Y RWY 15, KASE, ASPEN, CO
SPECIAL LOC/DME RWY 15, KASE, ASPEN, CO

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	SW	DBL	VOR/DME	244.17	064.17	L	1-1 1/2		16000	17500	16	17
2	SW		WP	244.17	064.17	L		8	14000	14000	11	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	AAO	391540.60N/1071003.30W	13153	6C
1	310	AAO	391540.60N/1071003.30W	13153	6C
2	230	AAO	391540.60N/1071003.30W	13153	6C

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	265	375
2	230	375

REASON FOR NONSTANDARD HOLDING:
PAT 1 HIGH TERRAIN SOUTH
PAT 2 HIGH TERRAIN SOUTH

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	SARDD	KASE	ASPEN	CO (US)

REMARKS:
AIR TRAFFIC REQUESTED C-I-H TO 16000 ON SARDD DEPARTURE, MEA ON AIRWAY 14000
PAT 2 CONTROLLING OBSTRUCTION LOCATED 5469' INTO SECONDARY AREA, PRIMARY EQUIVALENT: 12378'.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ASPEN	1, 2, 3		KASE	ASPEN	CO (US)
DP	LINDZ	1, 2, 3		KASE	ASPEN	CO (US)
DP	PITKN (RNAV)			KASE	ASPEN	CO (US)
DP	SARDD	1, 2, 3	1	KASE	ASPEN	CO (US)
EN ROUTE	V134	1, 2				(US)
EN ROUTE	V591	1, 2				(US)
IAP	LOC/DME RWY 15	1, 2, 3		KASE	ASPEN	CO (US)
IAP	LOC/DME-E	1, 2, 3		KASE	ASPEN	CO (US)
IAP	RNAV (GPS) Z RWY 15		2	KASE	ASPEN	CO (US)
IAP	RNAV (GPS)-F			KASE	ASPEN	CO (US)
IAP	RNAV (RNP) Y RWY 15		2	KASE	ASPEN	CO (US)
IAP	VOR/DME-C	1, 2, 3		KASE	ASPEN	CO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 **DATE OF REVISION:** 07/26/2012

QUALITY 2 CHECKED

REASON FOR REVISION:
CHANGED FAC 3 MRA FROM 12600 TO 12200, UPDATED I-PKN ESV MIN ALTITUDE FROM 12600 TO 12200.
UPDATED PAT 1 CONTROLLING OBSTRUCTION ACCURACY CODE, UPDATED PAT 2 CONTROLLING OBSTRUCTION.
CHANGED PAT 1 MIN TEMPLATE FROM 15 TO 16, MAX TEMPLATE FROM 16 TO 17.
UPDATED FIX USE.

DEVELOPED BY:	**DATE:** 03/10/2012	**OFFICE:** AJV-354	**NAME:** JACOB POWERS
APPROVED BY:	**DATE:**	**OFFICE:** AJV-354	**NAME:** DEZ SILAGYI
	SIGNATURE:		

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

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MAFMU **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 391523.20N/1065232.41W **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	RED TABLE	DBL	VOR/DME	H	163.38	175.38	11.00	11.00		10120	17500

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS)-F			KASE	ASPEN	CO (US)
IAP	VOR/DME-C	1		KASE	ASPEN	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
ADDED WP TO FIX TYPE.
FIX MOVED 724' EAST.
UPDATED FIX USE.
UPDATED FAC 1 MAG/TRUE BRG AND DME.
ADDED DIST FROM FAC IN NM FOR FAC 1.

DEVELOPED BY: **DATE:** 02/24/2012 **OFFICE:** AJV-354 **NAME:** JACOB POWERS

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: WST
ARTCC: ZDV
ATC FACILITY: ASE ATCT
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RED TABLE VOR/DME **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 392621.64N/1065340.85W **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	RED TABLE	DBL	VOR/DME	H							45000

FIX RESTRICTIONS:
SPECIAL GLENO-ONE (RNP), KASE, ASPEN, CO
SPECIAL RNAV (GPS) Z RWY 15, KASE, ASPEN, CO
SPECIAL LOC/DME RWY 15, KASE, ASPEN, CO

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	N	DBL	VOR/DME	344.00	164.00	R	1-1 1/2		14000	29000	10	22
2	N	DBL	VOR/DME	343.38	163.38	R	1-1 1/2		13700	17500	10	16
3	N		WP	343.38	163.38	R		8	13700	17500	11	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	392506.00N/1064648.00W	11979	4E
2	230	AAO	392506.00N/1064648.00W	11979	4E
3	230	AAO	392512.60N/1064616.80W	12238	6C

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	375
2	230	375
3	230	375

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ASPEN			KASE	ASPEN	CO (US)
DP	GLENO-ONE (RNP)			KASE	ASPEN	CO (US)
DP	LINDZ			KASE	ASPEN	CO (US)
DP	SARDD (OBSTACLE)			KASE	ASPEN	CO (US)
DP	ROCKIES		1	KBKF	AURORA	CO (US)
DP	SPRINGS			KCOS	COLORADO SPRINGS	CO (US)
DP	ROCKIES		1	KAPA	DENVER	CO (US)
DP	ROCKIES		1	KBJC	DENVER	CO (US)
DP	ROCKIES		1	KDEN	DENVER	CO (US)
DP	ROCKIES		1	KFTG	DENVER	CO (US)
DP	GYPSUM			KEGE	EAGLE	CO (US)
DP	MEEKER			KEGE	EAGLE	CO (US)
DP	ROCKIES		1	KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	GRAND JUNCTION			KGJT	GRAND JUNCTION	CO (US)
DP	GRAND MESA			KGJT	GRAND JUNCTION	CO (US)
DP	ROCKIES		1	KGXY	GREELEY	CO (US)
DP	CANYON			KPUB	PUEBLO	CO (US)
DP	UYRIG (RNAV) DP			KRIL	RIFLE	CO (US)
EN ROUTE	J206					(US)
EN ROUTE	J60					(US)
EN ROUTE	J80					(US)
EN ROUTE	V108					(US)
EN ROUTE	V134					(US)
EN ROUTE	V356					(US)
EN ROUTE	V361					(US)
EN ROUTE	V421					(US)
IAP	LOC/DME RWY 15			KASE	ASPEN	CO (US)
IAP	LOC/DME-E			KASE	ASPEN	CO (US)
IAP	RNAV (GPS) Z RWY 15			KASE	ASPEN	CO (US)
IAP	RNAV (GPS)-F		3	KASE	ASPEN	CO (US)
IAP	ROARING FORK VISUAL RWY 15			KASE	ASPEN	CO (US)
IAP	VOR/DME-C		2	KASE	ASPEN	CO (US)
IAP	ILS RWY 26			KRIL	RIFLE	CO (US)
IAP	LOC/DME-A			KRIL	RIFLE	CO (US)
IAP	RNAV (GPS) Z RWY 26			KRIL	RIFLE	CO (US)

QUALITY CHECKED 2

IAP	RNAV (RNP) Y RWY 26	KRIL	RIFLE	CO (US)
STAR	LARKS	KDEN	DENVER	CO (US)
STAR	POWDR	KDEN	DENVER	CO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
ADDED PATTERN 1 AND 2.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 02/24/2012 **OFFICE:** AJV-354 **NAME:** JACOB POWERS

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: WST
ARTCC: ZDV
ATC FACILITY: ASE ATCT, DEN APP CON
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DOYPE **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 391914.14N/1065455.55W **TYPE:** 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	ASPEN	I-ASE	LOC/DME		330.63	339.63	7.10	7.06	42905	11700	12300

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

REMARKS:
I-ASE DME COORDINATES: 391235.02N/1065143.54W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC/DME-E	1		KASE	ASPEN	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
FAC 1 DME CHANGED FROM 7.00 TO 7.10, DIST FROM FAC CHANGED FROM 6.97 NM/42376 FT TO 7.06 NM/42905 FT.

DEVELOPED BY: **DATE:** 07/14/2011 **OFFICE:** AJV-354 **NAME:** JACOB POWERS

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

SIGNATURE:

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

QUALITY 2 CHECKED

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.

Special LOC/DME RWY 15, ORIG
LOC/DME-E, AMDT 1B
RNAV (GPS)-F, ORIG

Estimated Chart Date: 09/20/2012

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
Aspen	Aspen Pitkin Co/Sardy Field	Airport	KASE / ASE	Old 12 ° East New 09 ° East	2015
Aspen		LOC	ASE	Old 12 ° East New 09 ° East	2015
Aspen		ILS / LDA	PKN	Old 12 ° East New 09 ° East	2015

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

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: ASPEN STATE: CO

AIRPORT NAME: ASPEN-PITKIN CO/SARDY FIELD ID: KASE

PROCEDURE: RNAV (GPS)-F AMDT: ORIG

DOCKET #
(96-AXX-X/Required/Not

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

1. Distance from (Enter THLD, FAF, ARP, FACILITY, as: MAP* to 1000': 2.00
2. Width of (Enter appropriate segment , final,: FINAL segment at 1000': 1.20
3. True: FNAL segment containing: 175.39
4. High terrain in: FINAL segment containing: 10119
5. Distance from (If 1500' point in PT maneuvering area or holding pattern: FAF to 1500': 4.00
6. Width: INTERMEDIATE segment at: 4.00
7. True: INTERMEDIATE segment containing: 175.38
8. High terrain in: INTERMEDIATE segment containing: 11684
9. Threshold Coordinates (if: _____ / _____
10. ARP coordinates: 391323.40N / 1065207.90W
11. departu end and distance furthest from (Click to: 33
    Distan .74 NM
12. FAF Coordinates (Click to: 392022.49N / 1065303.47W

REMARKS: Approach/Drawing attached.

*MAFMU: 391523.20N/1065232.41W