Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 06/09/2011	Task #: 201106093140970100 2	Request #: 20110609314097
Procedure: RNAV (GPS) Y RWY 35L AMDT 2		Airport ID: KDEN	Airport: DENVER INTL		Reimbursable #:
City: DENVER	ST: CO	GPS #:		Estimated Chart Date: 05/31/2012	FICO #:
Fac ID:	Fac. Type: LPV	Specialist: CHARLES SCHNEIDER			

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	10/24/2011	03/01/2012	DEZ SILAGYI	
QA:	03/01/2012	03/02/2012	SCOTT BEARD	
Liaison:	03/02/2012		Terrell	MAGVAR HARD DATE

MAG VAR

Procedure Comments:

Remark Type: INFORMATION

DENVER, CO DENVER INTL (KDEN) RNAV (GPS) Y RWY 35L, AMDT 2 (LPV) ENROUTE-YES HARD DATE: 5.31.12

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): CELBI-INT, REV 1; CHOLA-INT, REV 4; CRUUP-INT, REV 4; DAPGE-INT, REV 2; DYMON-INT, REV 4; GILL (GLL) VOME, REV 14.

CONTACT: ADOLFO URRUTIA, AJV-354 LEAD, 405.954.2079.

RNAV (GPS) Y RWY 35L

DENVER INTL (DEN)

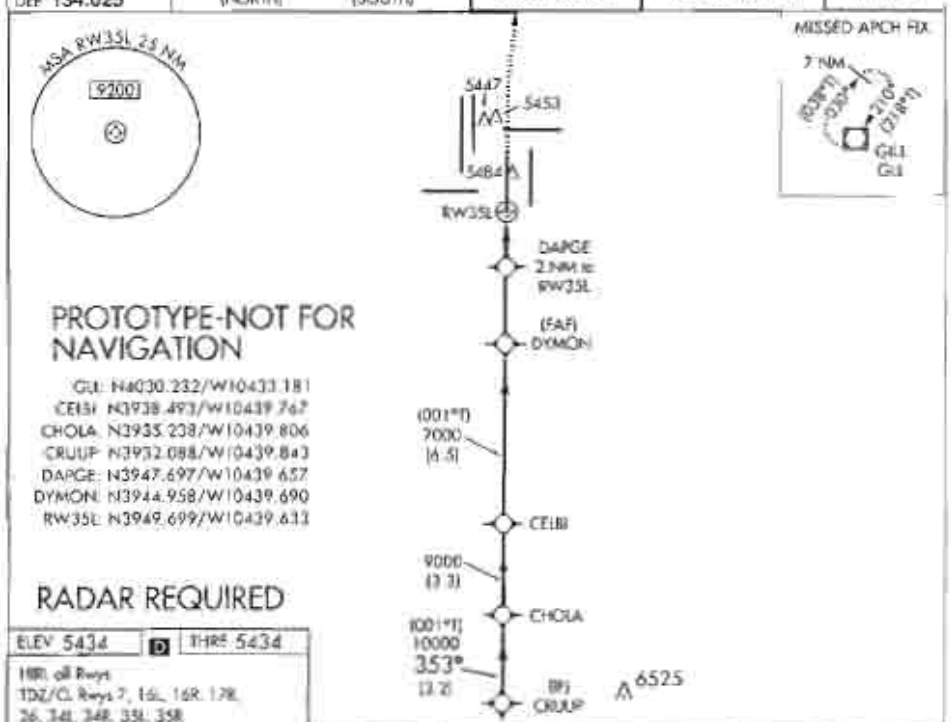
WAAS CH 53419 W35A	APP CRS 353°	Rwy ldg 12000 THRE 5434 Apt Elev 5434

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -25°C (-13°F) or above 9°C (49°F). DME/DME RNP-0.3 NA. For inoperative ALSF, increase LNAV/VNAV visibility all Cats to RVR 4000. LNAV procedure NA during simultaneous operations. Simultaneous approach authorized with Rwy 34L, Rwy 34R, and Rwy 35R. Use of HD or AP providing RNAV track guidance required during simultaneous operations.

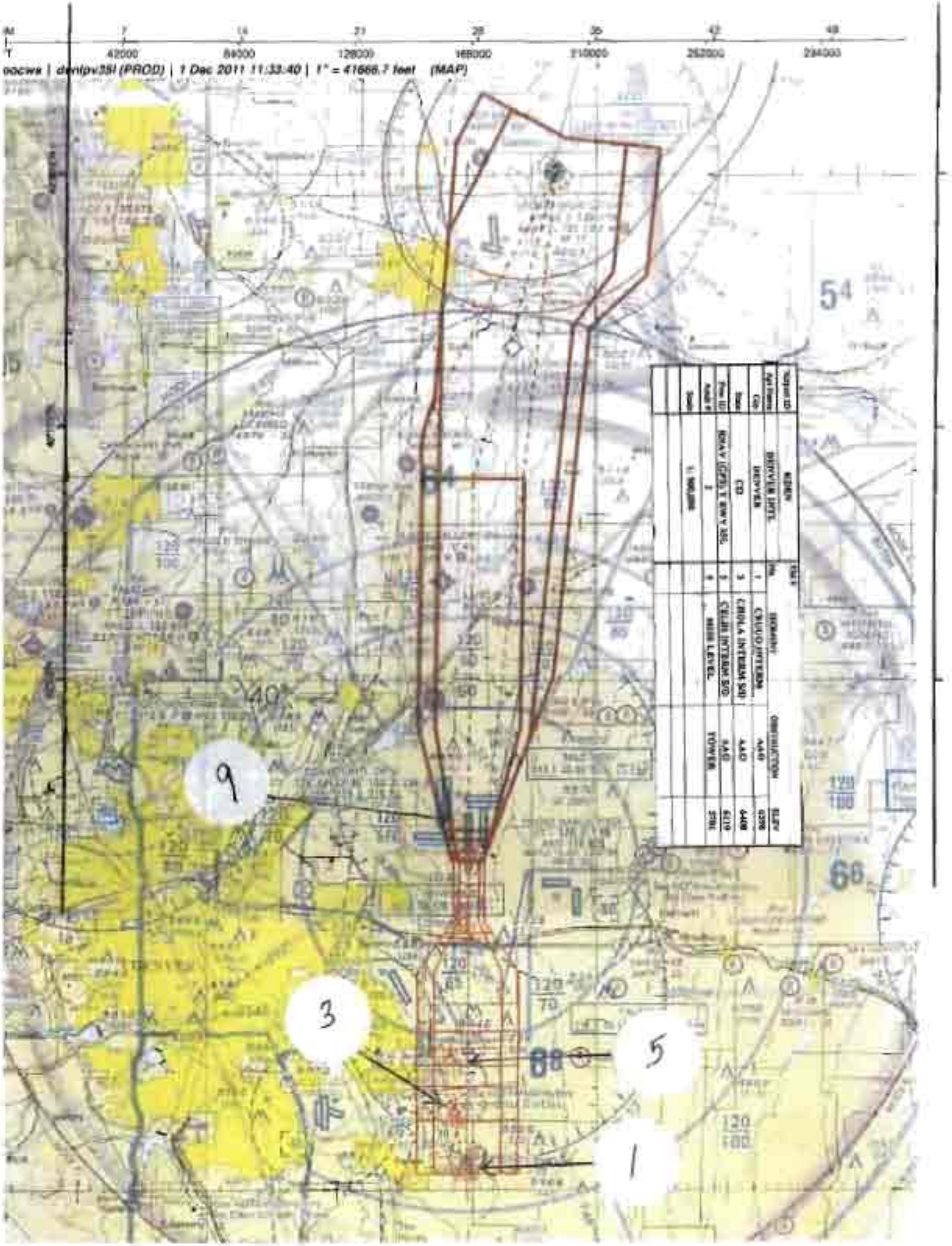
ALSF-2

MISSED APPROACH: Climb to 10000 then right turn direct GIL VOR/DME and hold.

ATIS	DENVER APP CON	DENVER TOWER	GND CON	CLNC DEL
ARR 125.6 379.9 DEP 134.025	119.3 307.3 (NORTH) 120.35 379.3 (SOUTH)	133.3 322.45	121.88 377.1	118.75



CATEGORY	A	B	C	D
LPV DA	5634/24 200 (200-½)			
LNAV/VNAV DA	5684/24 250 (200-½)			
LNAV MDA	5780/24 346 (400-½)		5780/30 346 (400-¾)	

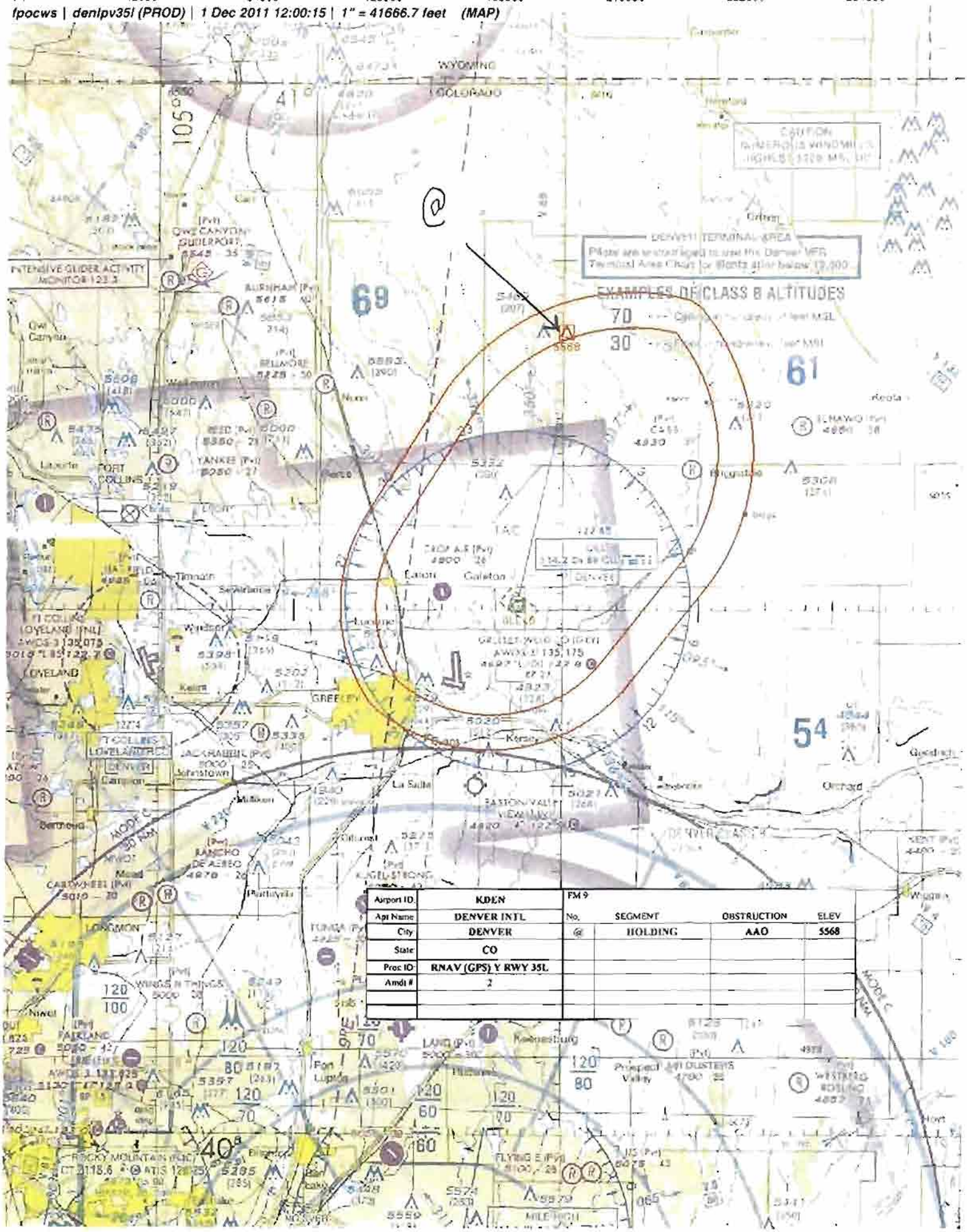


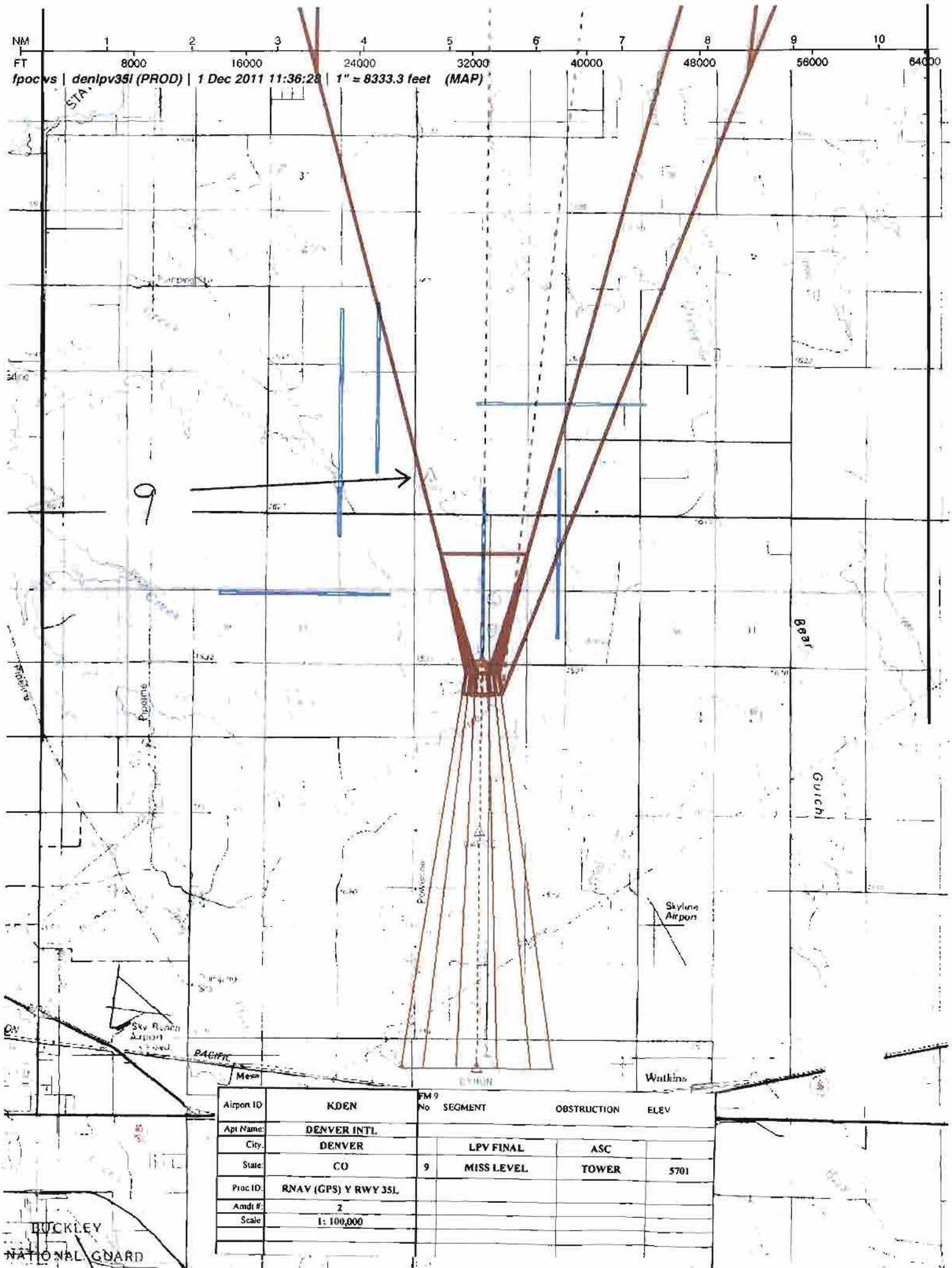
42000
84000
128000
168000
210000
252000
294000
oocwa | dentpv35l (PROD) | 1 Dec 2011 11:33:40 | 1" = 41666.7 feet (MAP)
54
66
9
3
5
1

NM 7 14 21 28 35 42 49

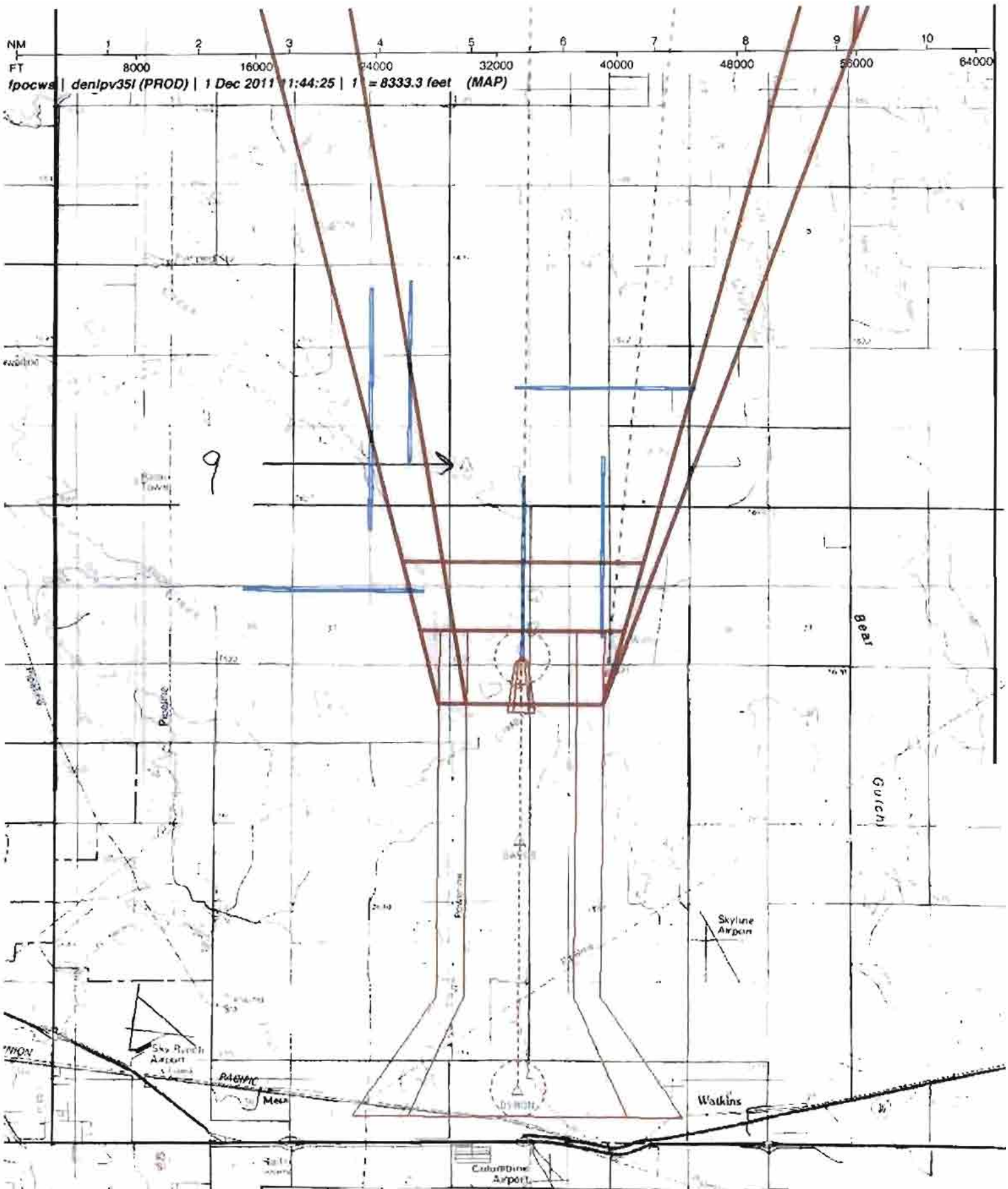
FT 42000 84000 126000 168000 210000 252000 294000

fpocws | denlpv35l (PROD) | 1 Dec 2011 12:00:15 | 1" = 41666.7 feet (MAP)

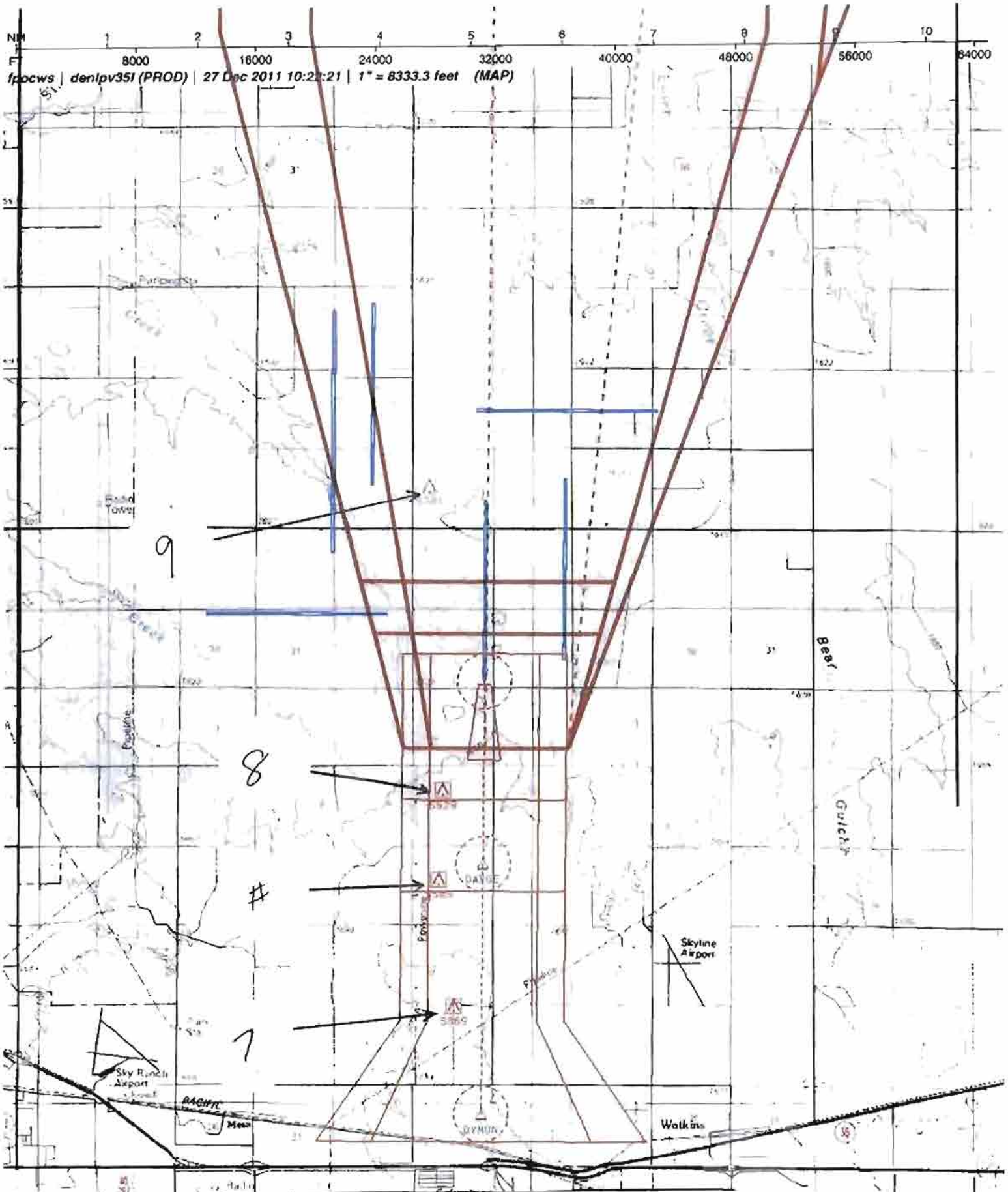

WYOMING
COLORADO
105°
@
69
61
54
40
DENVER TERMINAL AREA
EXAMPLES OF CLASS B ALTITUDES
70
30
INTENSIVE GLIDER ACTIVITY
FORT COLLINS
LOVELAND
GREELEY
Denver
Aurora
Longmont
Brighton
Commerce City
Thornton
Westminster
Arvada
Wheat Ridge
Lakewood
Littleton
Englewood
Parker
Castle Rock
Elizabeth
Kiowa
Bennett
Strasburg
Deer Trail
Byers
Watkins
Bennett
Hudson
Keenesburg
Prospect Valley
Fort Lupton
Platteville
Gilcrest
Kersey
Ault
Pierce
Nunn
Wiggins
Brush
Fort Morgan
Hillrose
Sterling
Julesburg
Holyoke
Haxtun
Fleming
Yuma
Wray
Eckley
Joes
Akron
Otis
Lamar
Granada
Holly
Wiley
Springfield
Vilas
Campo
Ordway
Rocky Ford
Swink
Las Animas
Hoehne
Aguilar
Walsenburg
Trinidad
Ludlow
Delta
Cedaredge
Paonia
Hotchkiss
Crawford
Olathe
Montrose
Ridgway
Ouray
Silverton
Lake City
Gunnison
Crested Butte
Marble
Aspen
Leadville
Fairplay
Hartsel
Cripple Creek
Woodland Park
Colorado Springs
Fountain
Pueblo
Rocky Ford
Lamar
Springfield
Walsenburg
Trinidad
Raton
Cimarron
Eagle
Rifle
Glenwood Springs
Grand Junction
Gunnison
Montrose
Durango
Cortez
Farmington
Aztec
Bloomfield
Chama
Dulce
Ignacio
Bayfield



		FM 9 No	SEGMENT	OBSTRUCTION	ELEV
Airport ID	KDEN				
Apt Name:	DENVER INTL				
City:	DENVER		LPV FINAL	ASC	
State:	CO	9	MISS LEVEL	TOWER	5701
Proc ID:	RNAV (GPS) Y RWY 35L				
Amdt #:	2				
Scale	1: 100,000				



Airport ID:	KDEN	FM 9			
Apt Name:	DENVER INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	DENVER		LNAV/VNAV FINAL	ASC	
State:	CO	9	MISS LEVEL	TOWER	5701
Proc ID:	RNAV (GPS) Y RWY 35L				
Amdt #:	2				
Scale:	1: 100,000				



		FM 9			
Airport ID:	KDEN				
Apt Name:	DENVER INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	DENVER	7	LNAV FINAL	AAO	5869
State:	CO	#	7:1	TREE	5589
Proc ID:	RNAV (GPS) Y RWY 35L	8	STEPDOWN	TREE	5529
Amdt #:	2	9	MISS LEVEL	TOWER	5701
Scale:	1: 100,000				

BUCKLEY
TIONAL GUARD

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
CRUUP (IF)	CHOLA (FB)	352.53 / 3.15	10000
CHOLA	CELBI (FB)	352.53 / 3.25	9000
CELBI	DYMON (FB)	352.53 / 6.46	7000
DYMON (FAF)	DAPGE/2.00 NM TO RW35L (FB)	352.53 / 2.74	
DAPGE/2.00 NM TO RW35L	RW35L (MAP) (FO)	352.53 / 2.00	
RW35L (MAP)	10000 MSL	352.53	10000
10000 MSL	GLL VOR/DME (FO)		10000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35L

CLIMB TO 10000 THEN RIGHT TURN DIRECT DIRECT GLL VOR/DME AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT CRUUP
3. FAC: 352.53 FAF: DYMON DIST FAF TO MAP: 4.74 THLD: 4.74
4. MIN. ALT: CRUUP 11000, CHOLA 10000, CELBI 9000, DYMON 7000, DAPGE/2.00 NM TO RW35L 6120*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 7000 GS ALT AT: DYMON 7000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 57.2 34:1 IS CLEAR
8. MSA FROM: RW35L 9200

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 210.00 INBOUND.
FAS OBST: 5529 TREE 394825N/1044013W
DISTANCE TO THLD FROM 200 HATH: 0.45 NM.
CHART VDP AT 0.86 MILES TO RW35L*
*LNAV ONLY.
WAAS CHANNEL # 53419
REFERENCE PATH ID: W35A
5589 TREE 394727N/1044017W
LTP HAE: 1638.1 M

MAG VAR: 8E EPOCH YEAR: 2015

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	5634	2400	200	5634	2400	200	5634	2400	200	5634	2400	200			
LNAV/VNAV DA	5684	2400	250	5684	2400	250	5684	2400	250	5684	2400	250			
LNAV MDA	5780	2400	346	5780	2400	346	5780	3000	346	5780	3000	346			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C (-13F) OR ABOVE 46C (115F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
(SEE FORM 8260-10)

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 5434 THRE: 5434 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 35L
DENVER, CO	DENVER INTL	RNAV	RNAV (GPS) Y RWY 35L, AMDT 2	AMDT: 1
				DATED 09/23/2010

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

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
X		X	X	X	X	X ZDV, DEN ATCT, DEN APP CON, CO AERO, AMGR

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: CHARLIE SCHNEIDER	FIFO AJV-354	DATE: 11/11/2011
APPROVED BY		
NAME: DEZ SILAGYI MANAGER	FIFO AJV-354	DATE:

CHANGES:

1. APT MAGVAR CHANGED FROM 11E TO 8E
2. SEGMENT CRUUP TO CHOLA DISTANCE CHANGED FROM 3.24 TO 3.14
3. MISSED APPROACH INSTRUCTIONS CHANGED TO CLIMB TO 10000 THEN DIRECT CLEARANCE LIMIT
4. SEGMENT CELBI TO DYMON DISTANCE CHANGED FROM 6.51 TO 6.46
5. DIST FAF TO MAP/THLD CHANGED FROM 4.69 TO 4.74
6. DAPGE ALTITUDE CHANGED FROM 6100 TO 6120
7. FINAL COURSE CHANGED FROM 349.53 TO 352.53
8. LPV MINIMUMS DA CHANGED FROM 5631 TO 5634
9. LNAV/VNAV MINIMUMS CHANGED FROM 5715/284 TO 5684/250
10. LNAV MDA CHANGED FROM 5860/429 TO 5780/346
11. BARO-VNAV HIGH TEMP CHANGED FROM 38C(100F) TO 9C(49F)
12. UPDATED NO LIGHT VISIBLITY NOTE FOR LNAV/VNAV
13. VDP CHANGED FROM 1.18 NM TO 0.86 NM

REASONS:

1. 2015 EPOCH YEAR USED
2. CRUUP IN NEW LOCATION
3. 8260.54 MISSED APPROACH
4,5. DYMON IN NEW LOCATION, UPDATED PFAF FORMULA
6. ADDED 200 FT AAO IN FINAL
7. UPDATED AIRPORT MAGVAR
8. USED TCH NOT TDZE IN DA CALCULATION
9. ALL SURFACES CLEAR
10. NEW CONTROLLING OBSTACLE
11. IAPA CALCULATION
12. NEW VISIBILITY CRITERIA
13. LOWER MINIMUMS, IAPA CALCULATION

PDF EDITS
1. ADDED (FAF) TO DYMON IN SEGMENTS
2. REMOVED 020 ON HOLDING IN ARINC CODING SECTION- IN TWO PLACES

SEE 8260-10

EFFECTIVE CONCURRENT WITH: KDEN ILS OR LOC RWY 35L AMDT 5

QUALITY CHECKED

6/10/2012: THIS IS A CORRECTED COPY OF THE FORM DEVELOPED ON 11/11/11
1. UPDATED LNAV/VNAV HIGH TEMP FROM 9C (49F) TO 46C (115F)
9/13/2012: THIS IS A CORRECTED COPY OF THE FORM DEVELOPED ON 11/11/11
UPDATED SUP NAME TO FORMS 4,5, & 6

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART NOTE: FOR INOPERATIVE ALSF, INCREASE LNAV/VNAV VISIBILITY ALL CATS TO RVR 4000
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 34L, RWY 34R, AND RWY 35R
CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS

QUALITY CHECKED

CITY AND STATE	ELEVATION: 5434 THRE: 5434	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 35L
DENVER, CO	AIRPORT NAME: DENVER INTL	RNAV	RNAV (GPS) Y RWY 35L, AMDT 2	AMDT: 1
				DATED: 09/23/2010

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.

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDEN
RUNWAY	RW35L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	394941.9260N
LTP/FTP LONGITUDE	1043937.9840W
LTP/FTP ELLIPSOIDAL HEIGHT	+16381
FPAP LATITUDE	395140.4800N
FPAP LONGITUDE	1043936.5600W
THRESHOLD CROSSING HEIGHT (TCH)	00057.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	0CD9A4C5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+16562
FPAP ORTHOMETRIC HEIGHT	+16562

QUALITY CHECKED

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

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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        GLL   K2011420VDHW N40301393W104331086    N40301393W104331086E0130049002     NARGILL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CELBI K20    C     N39382955W104394604                      E0086     NAR          CELBI
        SUSAEAENRT   CHOLA K20    C     N39351426W104394836                      E0086     NAR          CHOLA
        SUSAEAENRT   CRUUP K20    C     N39320528W104395060                      E0086     NAR          CRUUP
        SUSAEAENRT   DAPGE K20    C     N39474184W104393943                      E0087     NAR          DAPGE
        SUSAEAENRT   DYMON K20    C     N39445747W104394139                      E0087     NAR          DYMON

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDENK2ADEN     0     160YHN39514200W104402340E008005434         1800018000C    MNAR    DENVER INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDENK2FR35LY R      010CRUUPK2EA0E  I    IF                                  + 11000     18000                  A JS
        SUSAP KDENK2FR35LY R      011CHOLAK2EA0E S  051TF                      35250032    + 10000                            A JS
        SUSAP KDENK2FR35LY R      012CELBIK2EA0E S  051TF                      35250033    + 09000                            A JS
        SUSAP KDENK2FR35LY R      020DYMONK2EA1E  F 051TF                      35250065    + 07000                  RW35L K2PGA JS
        SUSAP KDENK2FR35LY R      020DYMONK2EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP KDENK2FR35LY R      021DAPGEK2EA0E S  031TF                      35250027    V 0612006128        -300           A JS
        SUSAP KDENK2FR35LY R      030RW35LK2PG0GY M 031TF                      35250020      05491             -300           A JS
        SUSAP KDENK2FR35LY R      040         0  M     CA                      3525        + 10000                            A JS
        SUSAP KDENK2FR35LY R      050GLL  K2D 0VY  R   DF                                  + 10000                            A JS
        SUSAP KDENK2FR35LY R      060GLL  K2D 0VE  R   HM                      21000070    + 10000                            A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDENK2GRW35L   0120003525 N39494193W104393798-0500    +1638105434000057150I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDENK2PR35LY RW35L001Y0000W35A0N3949419260W10439379840+163810300N3951404800W104393656001067500000000572F4003500CD9A4C5
        SUSAP KDENK2PR35LY RW35L002E      +16562+16562LPV       53419
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 5434 THRE: 5434	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 35L
DENVER, CO	AIRPORT NAME: DENVER INTL	RNAV	RNAV (GPS) Y RWY 35L, AMDT2	AMDT: 1
				DATED: 09/23/2010

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:

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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDENK2SRW35LK2PG                0   18018009225                                                                        M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 5434 THRE: 5434	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 35L
DENVER, CO	AIRPORT NAME: DENVER INTL	RNAV	RNAV (GPS) Y RWY 35L, AMDT2	AMDT: 1
				DATED: 09/23/2010

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:

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
		CRUUP	010	FACF	IF		FB				AA 11000	
		CHOLA	011	SDF	TF		FB	0.5	352.5(000.5T)	003.2	AA 10000	
		CELBI	012	SDF	TF		FB	0.5	352.5(000.5T)	003.3	AA 09000	
		DYMON	020	FAF	TF		FB	0.5	352.5(000.5T)	006.5	AA 07000	
		DAPGE	021	SDF	TF		FB	0.3	352.5(000.5T)	002.7	AA 06120 GS 06128	
		RW35L	030	MAP	TF		FO	0.3	352.5(000.5T)	002.0	AT 05491	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		352.5(000.5T)		AA 10000	
	GLL	050		DF	R	FO				AA 10000	
	GLL	060		HM	R	FO		210.0(218.0T)	007.0	AA 10000	

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
GLL	N403013.93	W1043310.86	N4030.232	W10433.181
CELBI	N393829.55	W1043946.04	N3938.493	W10439.767
CHOLA	N393514.26	W1043948.36	N3935.238	W10439.806
CRUUP	N393205.28	W1043950.60	N3932.088	W10439.843
DAPGE	N394741.84	W1043939.43	N3947.697	W10439.657
DYMON	N394457.47	W1043941.39	N3944.958	W10439.690
RW35L	N394941.93	W1043937.98	N3949.699	W10439.633

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW35L	05434	57

QUALITY CHECKED

CITY AND STATE	ELEVATION: 5434 THRE: 5434 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 35L
DENVER, CO	DENVER INTL	RNAV	RNAV (GPS) Y RWY 35L, AMDT2	AMDT: 1
				DATED: 09/23/2010

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	CRUUP	CHOLA	1. AAO	393118.00N/1043954.00W	6598 (4E)	500	AC98 AT2804	10000
			2. TERRAIN	393206.00N/1044015.00W	6300 (6300)		AS1500	7800
INTERMEDIATE:	CHOLA	CELBI	3. AAO	393424.00N/1044045.00W	6408 (4E)	500	AT1994 AC98	9000
STEPDOWN			4. TERRAIN	393539.00N/1044136.00W	6168 (6200)		AS1500	7700
INTERMEDIATE:	CELBI	DYMON	5. AAO	393733.00N/1044106.00W	6119 (4E)	500	AC98 DG283	7000
STEPDOWN			6. TERRAIN	393921.00N/1043712.00W	5906 (5900)		AS1000	6900
FINAL: LPV	DYMON	RW35L				ASC		5634/200
FINAL: LNAV/VNAV	DYMON	RW35L				ASC		5684/250
FINAL: LNAV	DYMON	DAPGE/2.00 NM TO RW35L	7. AAO	394602.63N/1044004.33W	5869 (2C)	250		6120
FINAL: LNAV STEPDOWN	DAPGE/2.00 NM TO RW35L	RW35L	8. TREE	394825.36N/1044013.43W	5529 (2C)	250		5780
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	DA / DA / RW35L	GLL VOR/DME				ASC		10000
			9. TWR (08-000781)	395145.00N/1044025.00W	5701 (1A)	1000		6800
ELEV:	5465/5523/5680		10. TERRAIN	394857.00N/1043927.00W	5439 (5400)		AS1500	6900

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. 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	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW35L

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (08-000050)	247/ 27.2	8147 (4E)	9200					

QUALITY CHECKED

CITY AND STATE	ELEVATION: 5434 AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
DENVER, CO	DENVER INTL	RNAV	RNAV (GPS) Y RWY 35L, AMDT 2	ANM

PART B - SUPPLEMENTAL DATA

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

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	
5. APPROACH & RUNWAY LIGHTING	X	ALSF-2 35R, 34L, 35L, 34R
		(S) SALS
	X	MALSR 16L, 17R, 08, 25, 17L, 16R, 07, 26
	X	HIRL 35R, 16L, 34L, 17R, 35L, 08, 25, 17L, 16R, 07, 34R, 26
		MIRL
		REIL
	X	TDZ 35R, 16L, 34L, 17R, 35L, 16R, 07, 34R, 26
	X	C/L 35R, 16L, 34L, 17R, 35L, 08, 25, 17L, 16R, 07, 34R, 26
	X	OTHER (SPECIFY) PAPI-4R 35R, 35L, 16R, 07 PAPI-4L 16L, 34L, 17R, 08, 25, 17L, 34R, 26
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 35R, 16L, 34L, 17R, 35L, 25, 17L, 16R, 34R, 26
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	35R, 16L, 34L, 17R, 35L, 08, 25, 17L, 16R, 07, 34R, 26
	MIDFIELD	35R, 16L, 34L, 17R, 35L, 17L, 16R, 34R
	ROLL OUT	35R, 16L, 34L, 17R, 35L, 08, 25, 17L, 16R, 07, 34R, 26
8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 5433.8
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 57.2
9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD — FT. FROM THRESHOLD
	X	ON CENTERLINE — FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: CHARLIE SCHNEIDER	DATE: 11/11/2011
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-354

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VGSI DATA 3.00/71.0

FLIGHT CHECK RDH 57.2 FT, (ORDER 8260.3B CHG 19)

BACKUP ALTIMETER NOT REQUIRED DUE TO REDUNDANT LOCAL SOURCES.

SEE ATTACHED AIRSPACE LETTER.

INTERMEDIATE FIX LOCATIONS AND ALTITUDES PER ATC REQUEST FOR SEPARATION AND AIRSPACE REQUIREMENTS.

LPV OCS 34:1

LNAV/VNAV SURFACE 23.4:1

INTERMEDIATE CONTROLLING OBSTACLE THE SAME FOR ALL FINAL TYPES.

AVERAGE COLD TEMPERATURE BASED ON 5-YEAR HISTORY (2006-2010)

ACT= -25

MISSED APPROACH IAW 8260.54A (IPDS BUILD)

THE MAXIMUM TREE HEIGHT WITHIN 10NM OF DEN IS 75FT AGL, 50 FT WITH IN 20,000 FT
SOURCE FROM COLORADO STATE FOREST SERVICE, DIVISION OF COLORADO STATE UNIVERSITY

KDEN ASOS ON SERVICE A/24 HRS

INITIAL, INTERMEDIATE AND INTERMEDIATE STEPDOWN FIX ALTITUDES AND LOCATIONS PER ATC REQUEST FOR SEPARATION AND AIRSPACE PURPOSES

TERPS PARAGRAPH 289 APPLIED TO 5589 TREE 394727N/1044017W

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CELBI **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 393829.55N/1043946.04W **TYPE:** WP, RADAR, 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	DENVER	I-AQD	LOC/DME		172.53	180.53	13.35	13.34		9000	15000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-AQD	LOC/DME	R-173	14	9800	15000

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

REMARKS:
DENVER (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35L	1		KDEN	DENVER	CO (US)
IAP	ILS RWY 35L (CAT II/CAT III)	1		KDEN	DENVER	CO (US)
IAP	ILS RWY 35L (SA CAT I)	1		KDEN	DENVER	CO (US)
IAP	RNAV (GPS) Y RWY 35L			KDEN	DENVER	CO (US)
IAP	RNAV (RNP) Z RWY 35L			KDEN	DENVER	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
FAC 1 MAG BRG CHANGED FROM 171.53 TO 172.53, FAC 1 MAGVAR CHANGED FROM 9E TO 8E

DEVELOPED BY: **DATE:** 10/26/2011 **OFFICE:** AJV-354 **NAME:** CHARLES SCHNEIDER

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

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CHOLA **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 393514.26N/1043948.36W **TYPE:** WP, RADAR, 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	DENVER	I-AQD	LOC/DME		172.53	180.53	16.60	16.59		10000	15000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-AQD	LOC/DME	R-173	17	9800	15000

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

REMARKS:
DENVER (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35L	1		KDEN	DENVER	CO (US)
IAP	ILS RWY 35L (CAT II/CAT III)	1		KDEN	DENVER	CO (US)
IAP	ILS RWY 35L (SA CAT I)	1		KDEN	DENVER	CO (US)
IAP	RNAV (GPS) Y RWY 35L			KDEN	DENVER	CO (US)
IAP	RNAV (RNP) Z RWY 35L			KDEN	DENVER	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
FAC 1 MAG BRG CHANGED FROM 171.53 TO 172.53, FAC 1 MAGVAR CHANGED FROM 9E TO 8E
FAC 1 MAR RAISED FROM 8000 TO 10000

DEVELOPED BY: **DATE:** 10/26/2011 **OFFICE:** AJV-354 **NAME:** CHARLES SCHNEIDER

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

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CRUUP **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 393205.28N/1043950.60W **TYPE:** WP, RADAR, 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	FEET	MRA	MAA
1	DENVER	I-AQD	LOC/DME		172.53	180.53	19.75	19.74		11000	15000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-AQD	LOC/DME	R-173	20	8000	15000

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

REMARKS:
DENVER (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35L	1		KDEN	DENVER	CO (US)
IAP	ILS RWY 35L (CAT II/CAT III)	1		KDEN	DENVER	CO (US)
IAP	ILS RWY 35L (SA CAT I)	1		KDEN	DENVER	CO (US)
IAP	RNAV (GPS) Y RWY 35L			KDEN	DENVER	CO (US)
IAP	RNAV (RNP) Z RWY 35L			KDEN	DENVER	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
FAC 1 MAG BRG CHANGED FROM 171.53 TO 172.53, FAC 1 MAGVAR CHANGED FROM 9E TO 8E
RAISED MRA FROM 8000 TO 11000

DEVELOPED BY: **DATE:** 10/26/2011 **OFFICE:** AJV-354 **NAME:** CHARLES SCHNEIDER

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

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DAPGE **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 394741.84N/1043939.43W **TYPE:** WP, RADAR, 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	DENVER	I-AQD	LOC/DME		172.53	180.53	4.15	4.14		6020	9800

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35L	1		KDEN	DENVER	CO (US)
IAP	RNAV (GPS) Y RWY 35L			KDEN	DENVER	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
FAC 1 MAG BRG CHANGED FROM 171.53 TO 172.53, MAGVAR CHANGED FROM 9E TO 8E
MRA RAISED FROM 6000 TO 6020
UPDATED FIX USE

DEVELOPED BY: **DATE:** 11/23/2011 **OFFICE:** AJV-354 **NAME:** CHARLES SCHNEIDER

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

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DYMON **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 394457.47N/1043941.39W **TYPE:** WP, RADAR, 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	DENVER	I-AQD	LOC/DME		172.53	180.53	6.89	6.88	41806	7000	9800

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

REMARKS:
DENVER (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35L	1		KDEN	DENVER	CO (US)
IAP	ILS RWY 35L (CAT II/ CAT III)	1		KDEN	DENVER	CO (US)
IAP	ILS RWY 35L (SA CAT I)	1		KDEN	DENVER	CO (US)
IAP	RNAV (GPS) Y RWY 35L			KDEN	DENVER	CO (US)
IAP	RNAV (RNP) Z RWY 35L			KDEN	DENVER	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
FIX MOVED 302 FT SOUTH TO UPDATED PFAF LOCATION, COORDINATES REVISED
FAC 1 MAG BRG CHANGED FROM 171.53 TO 172.53, FAC 1 MAGVAR CHANGED FROM 9E TO 8E, DME CHANGED FROM 6.84 TO 6.89
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 10/26/2011 **OFFICE:** AJV-354 **NAME:** CHARLES SCHNEIDER

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

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GILL VOR/DME **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 403013.93N/1043310.86W **TYPE:**

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	GILL	GLL	VOR/DME	H							45000

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	NE	GLL	VOR/DME	025.00	205.00	R	1-1 1/2		6800	17500	8	16
2	NE		WP	030.00	210.00	R		7	10000	14000	10	11
3	NE		WP	028.00	208.00	R		7	7200	10000	9	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	230	TOWER (08-001084)	403831.00N/1044905.00W	6000	5D
1	230	AAO	404400.00N/1042921.00W	5460	4E
1	310	AAO	404748.00N/1043251.00W	5591	4E
2	230	AAO	404527.00N/1042942.00W	5568	4E
3	230	AAO	404436.00N/1042927.00W	5522	4E

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 8000 FT.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	T/O MINS AND DP	KGXY	GREELEY	CO (US)
1	ILS OR LOC RWY 33	KFNL	FORT COLLINS/LOVELAND	CO (US)
1	ILS OR LOC RWY 34	KGXY	GREELEY	CO (US)
1	T/O MINS AND DP	KFNL	FORT COLLINS/LOVELAND	CO (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DENVER			KBKF	AURORA	CO (US)
DP	YELLOWSTONE			KBKF	AURORA	CO (US)
DP	DENVER			KAPA	DENVER	CO (US)
DP	YELLOWSTONE			KAPA	DENVER	CO (US)
DP	DENVER			KBJC	DENVER	CO (US)
DP	YELLOWSTONE			KBJC	DENVER	CO (US)
DP	YELLOWSTONE			KDEN	DENVER	CO (US)
DP	DENVER			KFTG	DENVER	CO (US)
DP	YELLOWSTONE			KFTG	DENVER	CO (US)
DP	DENVER			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	T/O MINS AND DP		1	KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	YELLOWSTONE			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	DENVER			KGXY	GREELEY	CO (US)
DP	T/O MINS AND DP		1	KGXY	GREELEY	CO (US)
DP	YELLOWSTONE			KGXY	GREELEY	CO (US)
DP	T/O MINS AND DP	1		KLMO	LONGMONT	CO (US)
EN ROUTE	V101					(US)
EN ROUTE	V207					(US)
EN ROUTE	V220					(US)
EN ROUTE	V4					(US)
EN ROUTE	V611					(US)
EN ROUTE	V89					(US)
IAP	ILS OR LOC RWY 17L			KDEN	DENVER	CO (US)
IAP	ILS OR LOC RWY 25			KDEN	DENVER	CO (US)
IAP	ILS OR LOC RWY 26		1	KDEN	DENVER	CO (US)
IAP	ILS OR LOC RWY 34L			KDEN	DENVER	CO (US)
IAP	ILS OR LOC RWY 34R			KDEN	DENVER	CO (US)
IAP	ILS OR LOC RWY 35L		1	KDEN	DENVER	CO (US)
IAP	ILS OR LOC RWY 35R			KDEN	DENVER	CO (US)
IAP	ILS OR LOC RWY 7			KDEN	DENVER	CO (US)
IAP	ILS OR LOC RWY 8			KDEN	DENVER	CO (US)
IAP	ILS RWY 34L (CAT II/CAT III)			KDEN	DENVER	CO (US)
IAP	ILS RWY 34L (SA CAT I)			KDEN	DENVER	CO (US)
IAP	ILS RWY 34R (CAT II/CAT III)			KDEN	DENVER	CO (US)
IAP	ILS RWY 34R (SA CAT I)			KDEN	DENVER	CO (US)
IAP	ILS RWY 35L (CAT II/CAT III)			KDEN	DENVER	CO (US)
IAP	ILS RWY 35L (SA CAT I)			KDEN	DENVER	CO (US)
IAP	ILS RWY 35R (CAT II/III)			KDEN	DENVER	CO (US)

QUALITY CHECKED

IAP	ILS RWY 35R (SA CAT I)			KDEN	DENVER	CO (US)
IAP	RNAV (GPS) Y RWY 35L		2	KDEN	DENVER	CO (US)
IAP	RNAV (RNP) Z RWY 35L		2	KDEN	DENVER	CO (US)
IAP	ILS OR LOC RWY 35			KFTG	DENVER	CO (US)
IAP	ILS OR LOC RWY 33		1	KFNL	FORT COLLINS/LOVELAND	CO (US)
IAP	RNAV (GPS) RWY 33			KFNL	FORT COLLINS/LOVELAND	CO (US)
IAP	VOR/DME-A			KFNL	FORT COLLINS/LOVELAND	CO (US)
IAP	ILS OR LOC RWY 34		1	KGXY	GREELEY	CO (US)
IAP	NDB RWY 34			KGXY	GREELEY	CO (US)
IAP	RNAV (GPS) RWY 16			KGXY	GREELEY	CO (US)
IAP	RNAV (GPS) RWY 27			KGXY	GREELEY	CO (US)
IAP	RNAV (GPS) RWY 34			KGXY	GREELEY	CO (US)
IAP	VOR-A			KGXY	GREELEY	CO (US)
IAP	RNAV (GPS) B		3	KLMO	LONGMONT	CO (US)
IAP	VOR/DME-A	1	1	KLMO	LONGMONT	CO (US)
IAP	ILS OR LOC RWY 27			KCYS	CHEYENNE	WY (US)
IAP	NDB RWY 27			KCYS	CHEYENNE	WY (US)
STAR	DANDD			KDEN	DENVER	CO (US)
STAR	LANDR			KDEN	DENVER	CO (US)
STAR	LARKS			KDEN	DENVER	CO (US)
STAR	POWDR			KDEN	DENVER	CO (US)
STAR	QUAIL			KDEN	DENVER	CO (US)
STAR	RAMMS			KDEN	DENVER	CO (US)
STAR	SAYGE			KDEN	DENVER	CO (US)
STAR	TOMSN			KDEN	DENVER	CO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
UPDATE FIX USE.
PAT 2 CRS INBOUND CHANGED FROM 207.00 TO 210.00, MAGVAR CHANGED FROM 11E TO 8E

DEVELOPED BY: **DATE:** 11/21/2011 **OFFICE:** AJV-354 **NAME:** CHARLES SCHNEIDER

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

SIGNATURE:

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

QUALITY CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **DENVER** STATE: **CO**

AIRPORT NAME: **DENVER INTL** ID: **KDEN**

PROCEDURE: **RNAV (GPS) Y RWY 35L** AMDT: **2**

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 **THLD** to 1000' point **3.80**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.25**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **000.53**
4. High Terrain in **FINAL** segment containing 1000' point **5669**
5. Distance from **THLD** to 1500' point **11.85**
   (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 **000.53**
8. High Terrain in **INTERMEDIATE** segment containing 1500' point **6168**
9. Threshold Coordinates (if straight-in) ... **394941.93N** / **1043937.98W**
10. ARP Coordinates ..... **395142.00N** / **1044023.40W**
11. Runway Approach End and distance furthest from ARP.....RWY **07**
    Distance **2.77** NM
12. FAF Coordinates ..... **394457.47N** / **1043941.39W**
    (Click to Select)

REMARKS: Approach/Drawing attached.

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.

5/31/2012

DENVER, CO (KFTG)
ILS OR LOC RWY 17 AMDT 1
ILS OR LOC RWY 35 AMDT 1
TAKE-OFF MINIMUMS AMDT 3

DENVER, CO (KAPA)
TAKE-OFF MINIMUMS AMDT 5

DENVER, CO (KBJC)
TAKE-OFF MINIMUMS AMDT 5

DENVER, CO (KDEN)
ILS OR LOC RWY 35L AMDT 5
ILS OR LOC RWY 35R AMDT 3
RNAV (GPS) Y RWY 35L AMDT 2
RNAV (GPS) Y RWY 35R AMDT 2
RNAV (RNP) Z RWY 35L ORIG
RNAV (RNP) Z RWY 35R ORIG
ILS OR LOC RWY 25 AMDT 3
ILS OR LOC RWY 7 AMDT 3
ILS OR LOC RWY 8 AMDT 5
ILS RWY 26 AMDT 3
RNAV (GPS) Y RWY 25 AMDT 1
RNAV (GPS) Y RWY 26 AMDT 1
RNAV (GPS) Y RWY 7 AMDT 1
RNAV (GPS) Y RWY 8 AMDT 1
RNAV (RNP) Z RWY 25 ORIG

RNAV (RNP) Z RWY 26 ORIG
RNAV (RNP) Z RWY 7 ORIG
RNAV (RNP) Z RWY 8 ORIG
ILS OR LOC RWY 16R AMDT 1
ILS RWY 16L AMDT 3
RNAV (GPS) Y RWY 16L AMDT 1
RNAV (GPS) Y RWY 16R AMDT 1
RNAV (RNP) Z RWY 16L ORIG
RNAV (RNP) Z RWY 16R ORIG
ILS OR LOC RWY 17L AMDT 4
ILS RWY 17R AMDT 3
RNAV (GPS) Y RWY 17L AMDT 1
RNAV (GPS) Y RWY 17R AMDT 1
RNAV (RNP) Z RWY 17L ORIG
RNAV (RNP) Z RWY 17R ORIG
ILS OR LOC RWY 34L AMDT 2
ILS OR LOC RWY 34R AMDT 3
RNAV (GPS) Y RWY 34L AMDT 2
RNAV (GPS) Y RWY 34R AMDT 2
RNAV (RNP) Z RWY 34L ORIG
RNAV (RNP) Z RWY 34R ORIG

Estimated Chart Date: 5/31/2011

Please publish these changes in the National Flight Data Digest.

COLORADO

Location	Name	Airport /Facility	Identifier	Assigned Magnetic Variation Value	Epoch Year
Denver	Denver Intl	Airport	KDEN / DEN	Old 11° East / New 08° East	2015
Denver		ILS	ACX	Old 11° East / New 08° East	2015
Denver		ILS	LTT	Old 11° East / New 08° East	2015
Denver		ILS	DPP	Old 09° East / New 08° East	2015
Denver		ILS	AQD	Old 09° East / New 08° East	2015
Denver		ILS	OUF	Old 09° East / New 08° East	2015
Denver		ILS	JOY	Old 11° East / New 08° East	2015
Denver		ILS	ERP	Old 11° East / New 08° East	2015
Denver		ILS	DZG	Old 11° East / New 08° East	2015

Denver		ILS	DXU	Old 09° East / New 08° East	2015
Denver		ILS	BXP	Old 11° East / New 08° East	2015
Denver		ILS	DQQ	Old 11° East / New 08° East	2015
Denver		ILS	FUI	Old 11° East / New 08° East	2015
Denver	DENVER	VOR/ DME	DEN	Old 11° East / New 08° East	2015
Denver	MILE HIGH	VORTAC	DVV	Old 11° East / New 08° East	2015

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