US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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
LDORA (IAF)	KARVE (FB)	060.92 / 4.59	12000
KARVE	CPPER (FB)	023.49 / 2.75	12000
BOSSS (IAF)	EPICC (FB)	293.16 / 2.66	12000
EPICC	CPPER (FB)	324.36 / 2.60	12000
CPPER	CHAPP/I-AQD 22.46 DME/RADAR	352.53 / 3.76	12000
(SEE FORM 8260-10)			

MISSED APPROACH

ILS: DA
LOC: 4.74 MILES AFTER DYMON/I-AQD 6.89 DME/RADAR OR AT I-AQD 2.15 DME FIX

CLIMB TO 10000 THEN RIGHT TURN DIRECT GLL VOR/DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 8000 THEN CLIMBING RIGHT TURN TO 10000 ON HEADING 045 AND ON DVV VORTAC R-019 TO CEDUK/DVV 25.50 DME AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT CRUUP/I-AQD 19.75 DME/RADAR
3. FAC: 352.53 FAF: DYMON/I-AQD 6.89 DME/RADAR DIST FAF TO MAP: 4.74 THLD: 4.74
4. MIN. ALT: CRUUP 11000, CHOLA 10000, CELBI 9000, DYMON 7000, DAPGE/I-AQD 4.15 DME 6120*
5. DIST TO THLD FROM OM: - MM: - IM: 859 150 HAT: 1775 100 HAT: 820 GS ANT: 1101
6. MIN GS INCPT: 7000 GS ALT AT: DYMON/I-AQD 6.89 DME/RADAR 7000 OM: - MM: - IM: 5536
7. GS ANGLE: 3.00 TCH: 57.2
8. MSA FROM: DEN VOR/DME 9200

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 205.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S CEDUK/DVV 25.50 DME, RT, 018.70 INBOUND.
CHART FAS OBST: 5434 BLDG 394931N/1043935W
CHART VDP AT 2.95 DME*;
DISTANCE VDP TO THLD 0.80 MILES.
*LOC ONLY.
CHART IN PLANVIEW: CEDUK/DVV 25.50 DME.
CHART LOC RWY 34R, 34L, AND RWY 35R
CHART MANDATORY 12000 AT CHAPP
CHART MANDATORY 12000 AT BOSSS
CHART MANDATORY 13000 AT LDORA
CHART MANDATORY 11000 AT TELLR

MAG VAR: 8E EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: STANDARD | LOC: 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
S-ILS 35L	5634	1800	200	5634	1800	200	5634	1800	200	5634	1800	200			
S-LOC 35L	5760	2400	326	5760	2400	326	5760	2600	326	5760	2600	326			

NOTES:
CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 35L: CAT A, B, C, D, RA 115, RVR 1200, HATh 100, DA 5534 MSL.
CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS-35L: CAT IIIa CAT A,B,C,D, RVR 700. CAT IIIb CAT A,B,C,D, RVR 300. CAT IIIc NA.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 5434 THRE: 5434 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DENVER, CO	DENVER INTL	I-AQD	ILS OR LOC RWY 35L, AMDT 5, 11/15/2012 ILS RWY 35L (CAT II) , ILS RWY 35L (CAT III) ILS RWY 35L (SA CAT I)	AMDT: 4 DATED 09/23/2010

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		11/15/2012

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:
Christopher Lenckus		3/17/12

DEVELOPED BY

NAME:	FIFO	DATE:
CHARLIE SCHNEIDER	AJV-354	10/29/2011

APPROVED BY

NAME:		FIFO	DATE:
DEZ SILAGYI	MANAGER	AJV-354	

CHANGES:

1. AIRPORT AND LOC/DME MAGVAR CHANGED FROM 11E TO 8E
2. INTERMEDIATE, INTERMEDIATE STEPDOWN, AND FINAL COURSE CHANGED FROM 351.53 TO 352.53
3. REMOVED % OR AS ASSIGNED BY ATC
4. CELBI TO DYMON SEGMENT DISTANCE CHANGED FROM 6.51 TO 6.46
5. PROCEDURE FINAL COURSE CHANGED FROM 351.53 TO 352.53
6. S-ILS DA RAISED FROM 5631 TO 5634
7. S-LOC MINIMUMS LOWERED FROM 5780/349 to 5760/326
8. CAT II ILS RA RAISED FROM 106 TO 115, DA FROM 5531 TO 5534
9. ADDED SA CAT I MINIMUMS
10. STEPDOWN ALTITUDE RAISED FROM 6100 TO 6120
11. VDP CHANGED FROM 3.07 TO 2.95 DME
12. DISTANCE FAF TO MAP/THLD CHANGED FROM 4.69 TO 4.74
13. ALTERNATE MISSED APPROACH HOLDING RADIAL CHANGED FROM DVV 016 TO 019

REASONS:

1,2. MAGVAR UPDATED TO 2015 EPOCH YEAR MAGNETIC VARIATION
3. NO LONGER ALLOWED BY CRITERIA
4. PFAF MOVED DUE TO NEW PFAF CALCULATION
5. AIRPORT AND FACILITY MAGVAR CHANGED FROM 9E TO 8E
6. NEW AIRPORT SURVEY AND THLD ELEVATION
7. NEW CONTROLLING OBSTACLE IN STEPDOWN SEGMENT
8. NEW RA CALCULATION, THLD ELEVATION CHANGE, AND NEW CAT II VISIBILITY CRITERIA
9. REQUIRED BY CRITERIA
10. ADDITION OF 200FT AAO IN FINAL SEGMENT
11. LOWER LOCALIZER MINIMUMS
12. NEW PFAF CALCULATION
13. DVV VORTAC NEW MAGVAR, CHANGED FROM 11E TO 8E

6/10/2012: THIS IS A CORRECTED COPY OF THE FORM DEVELOPED ON 10/29/11
1. UPDATED PROCEDURE HARD DATE FROM 5/31/12 TO 11/15/12

9/27/2012: THIS IS A CORRECTED COPY OF THE FORM DEVELOPED ON 10/29/11
1. LINE 6: CHANGED IM: FROM 859 TO 5536

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD

INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CHAPP/I-AQD 22.46 DME/RADAR	CRUUP/I-AQD 19.75 DME/RADAR	352.53 / 2.72 (I-AQD)	11000
TELLR (IAF)	VAIIL (FB)	059.93 / 3.58	11000
VAIIL	CRUUP/I-AQD 19.75 DME/RADAR	007.02 / 4.80	11000
CRUUP/I-AQD 19.75 DME/RADAR (IF)	CHOLA/I-AQD 16.60 DME/RADAR	352.53 / 3.15 (I-AQD)	10000
CHOLA/I-AQD 16.60 DME/RADAR	CELBI/I-AQD 13.35 DME/RADAR	352.53 / 3.25 (I-AQD)	9000
CELBI/I-AQD 13.35 DME/RADAR	DYMON/I-AQD 6.89 DME/RADAR	352.53 / 6.46 (I-AQD)	7000

NOTES, (CONT.):

CHART PLANVIEW NOTE: RADAR OR GPS REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART NOTE: S-LOC 35L DME OR RADAR REQUIRED.
SA CATEGORY I ILS: SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS35L: CAT A, B, C, D, RA 165, RVR 1400, HATH 150, DA 5584 MSL.

SA CAT 1 CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.
CAT II RVR 1000 CHART NOTE: RVR 1000 AUTHORIZED WITH SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 34L, RWY 34R, AND RWY 35R
CHART PLANVIEW NOTE AT LDORA: 210 KIAS
CHART PLANVIEW NOTE AT BOSSS: 210 KIAS
CHART PLANVIEW NOTE AT TELLR: 210 KIAS

CITY AND STATE	ELEVATION: 5434 THRE: 5434	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DENVER, CO	AIRPORT NAME: DENVER INTL	I-AQD	ILS OR LOC RWY 35L, AMDT 5, 11/15/2012 ILS RWY 35L (CAT II) , ILS RWY 35L (CAT III) ILS RWY 35L (SA CAT I)	AMDT: 4
				DATED: 09/23/2010

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 - ILS

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAD        DEN   K2011790VDHW N39484505W104393866    N39484505W104393866E0080054522     NARDENVER
        SUSAD        GLL   K2011420VDHW N40301393W104331086    N40301393W104331086E0130049002     NARGILL
        SUSAD KDENK2 IAQD  K2010850 IT                    IAQDN39515092W104393305     053880     NARDENVER INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BOSSS K20    W     N39215561W104352577                          E0086     NAR          BOSSS
        SUSAEAENRT   CELBI K20    C     N39382955W104394604                          E0086     NAR          CELBI
        SUSAEAENRT   CHAPP K20    C     N39292211W104395254                          E0086     NAR          CHAPP
        SUSAEAENRT   CHOLA K20    C     N39351426W104394836                          E0086     NAR          CHOLA
        SUSAEAENRT   CPPER K20    W     N39253659W104395522                          E0086     NAR          CPPER
        SUSAEAENRT   CRUUP K20    C     N39320528W104395060                          E0086     NAR          CRUUP
        SUSAEAENRT   DYMON K20    C     N39445747W104394139                          E0087     NAR          DYMON
        SUSAEAENRT   EPICC K20    W     N39231812W104382173                          E0086     NAR          EPICC
        SUSAEAENRT   KARVE K20    W     N39231568W104414655                          E0086     NAR          KARVE
        SUSAEAENRT   LDORA K20    W     N39213664W104471804                          E0087     NAR          LDORA
        SUSAEAENRT   TELLR K20    W     N39260607W104454412                          E0087     NAR          TELLR
        SUSAEAENRT   VAIIL K20    W     N39272676W104412711                          E0086     NAR          VAIIL

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KDENK2ADEN     0     160YHN39514200W104402340E008005434          1800018000C    MNAR    DENVER INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KDENK2FI35L  ABOSSS 010BOSSSK2EA0E  A    IF                                        12000     18000210          0 NS
        SUSAP KDENK2FI35L  ABOSSS 020EPICCK2EA0E       TF                                   +    12000                       0 NS
        SUSAP KDENK2FI35L  ABOSSS 030CPPERK2EA0E       TF                                   +    12000                       0 NS
        SUSAP KDENK2FI35L  ABOSSS 040CHAPPK2EA0E       TF                                        12000                       0 NS
        SUSAP KDENK2FI35L  ABOSSS 050CRUUPK2EA0E  B    TF                                   +    11000                       0 NS
        SUSAP KDENK2FI35L  ABOSSS 060CHOLAK2EA0E       TF                                   +    10000                       0 NS
        SUSAP KDENK2FI35L  ABOSSS 070CELBIK2EA0EE      CF IAQDK2      17250133352500 33PI   +    09000                       0 NS
        SUSAP KDENK2FI35L  ALDORA 010LDORAK2EA0E  A    IF                                        13000     18000210          0 NS
        SUSAP KDENK2FI35L  ALDORA 020KARVEK2EA0E       TF                                   +    12000                       0 NS
        SUSAP KDENK2FI35L  ALDORA 030CPPERK2EA0E       TF                                   +    12000                       0 NS
        SUSAP KDENK2FI35L  ALDORA 040CHAPPK2EA0E       TF                                        12000                       0 NS
        SUSAP KDENK2FI35L  ALDORA 050CRUUPK2EA0E  B    TF                                   +    11000                       0 NS
        SUSAP KDENK2FI35L  ALDORA 060CHOLAK2EA0E       TF                                   +    10000                       0 NS
```

CITY AND STATE	ELEVATION: 5434 THRE: 5434	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DENVER, CO	AIRPORT NAME: **DENVER INTL**	**I-AQD**	**ILS OR LOC RWY 35L, AMDT 5, 11/15/2012** **ILS RWY 35L (CAT II), ILS RWY 35L (CAT III)** **ILS RWY 35L (SA CAT I)**	AMDT: **4** DATED: **09/23/2010**

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

COORDINATED WITH:

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

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

CHANGES:

REASONS:

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SUSAP KDENK2FI35L  ALDORA 070CELBIK2EA0EE      CF IAQDK2      1725013335250033PI  + 09000                          0 NS
SUSAP KDENK2FI35L  ATELLR 010TELLRK2EA0E  A    IF                                  11000     18000210               0 NS
SUSAP KDENK2FI35L  ATELLR 020VAIILK2EA0E       TF                                + 11000                          0 NS
SUSAP KDENK2FI35L  ATELLR 030CRUUPK2EA0E  B    TF                                + 11000                          0 NS
SUSAP KDENK2FI35L  ATELLR 040CHOLAK2EA0E       TF                                + 10000                          0 NS
SUSAP KDENK2FI35L  ATELLR 050CELBIK2EA0EE      CF IAQDK2      1725013335250033PI  + 09000                          0 NS
SUSAP KDENK2FI35L  I      010CELBIK2EA0E  I    IF IAQDK2      17250133        PI  J 090000700018000                 0 NS
SUSAP KDENK2FI35L  I      020DYMONK2EA0E  F    CF IAQDK2      1725006935300065PI  H 0700007000        -300DEN   K2D 0 NS
SUSAP KDENK2FI35L  I      030RW35LK2PG0GY M    CF IAQDK2      1725002135300047PI    05491             -300          0 NS
SUSAP KDENK2FI35L  I      040         0  M     CA                     3525        + 10000                          0 NS
SUSAP KDENK2FI35L  I      050GLL  K2D 0VY      DF                                + 10000                          0 NS
SUSAP KDENK2FI35L  I      060GLL  K2D 0VE  R   HM                     2050T010    + 10000                          0 NS
```

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                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDENK2GRW35L   0120003525 N39494193W104393798-0500    +1638105434000057150IIAQD3
```

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                1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDENK2IIAQD3   010850RW35LN39515060W1043936443525N39495276W1043932601024 11000308300E00805705423
```

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                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDENK2SDEN  K2D                 0   18018009225                                                                  M
```

CITY AND STATE	ELEVATION: 5434 THRE: 5434	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DENVER, CO	AIRPORT NAME: DENVER INTL	I-AQD	ILS OR LOC RWY 35L, AMDT 5, 11/15/2012 ILS RWY 35L (CAT II), ILS RWY 35L (CAT III) ILS RWY 35L (SA CAT I)	AMDT: 4 DATED: 09/23/2010

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 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BOSSS	BOSSS	010	IAF	IF		FB				AT 12000	AT 210
	BOSSS	EPICC	020		TF		FB				AA 12000	
	BOSSS	CPPER	030		TF		FB				AA 12000	
	BOSSS	CHAPP	040		TF		FB				AT 12000	
	BOSSS	CRUUP	050		TF		FB				AA 11000	
	BOSSS	CHOLA	060		TF		FB				AA 10000	
	BOSSS	CELBI	070		CF		FB		352.5()	003.3	AA 09000	
	LDORA	LDORA	010	IAF	IF		FB				AT 13000	AT 210
	LDORA	KARVE	020		TF		FB				AA 12000	
	LDORA	CPPER	030		TF		FB				AA 12000	
	LDORA	CHAPP	040		TF		FB				AT 12000	
	LDORA	CRUUP	050		TF		FB				AA 11000	
	LDORA	CHOLA	060		TF		FB				AA 10000	
	LDORA	CELBI	070		CF		FB		352.5()	003.3	AA 09000	
	TELLR	TELLR	010	IAF	IF		FB				AT 11000	AT 210
	TELLR	VAIIL	020		TF		FB				AA 11000	
	TELLR	CRUUP	030		TF		FB				AA 11000	
	TELLR	CHOLA	040		TF		FB				AA 10000	
	TELLR	CELBI	050		CF		FB		352.5()	003.3	AA 09000	
		CELBI	010	FACF	IF		FB				AA 09000 GI 07000	
		DYMON	020	FAF	CF		FB		353.0()	006.5	GI 07000 GS 07000	
		RW35L	030	MAP	CF		FO		353.0()	004.7	AT 05491	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		352.5()		AA 10000	
	GLL	050		DF		FO				AA 10000	
	GLL	060		HM	R	FO		205.0()	T01.0	AA 10000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DEN	N394845.05	W1043938.66	N3948.751	W10439.644
	GLL	N403013.93	W1043310.86	N4030.232	W10433.181
	IAQD (DME)	N395150.92	W1043933.05	N3951.849	W10439.551
	BOSSS	N392155.61	W1043525.77	N3921.927	W10435.430
	CELBI	N393829.55	W1043946.04	N3938.493	W10439.767
	CHAPP	N392922.11	W1043952.54	N3929.369	W10439.876
	CHOLA	N393514.26	W1043948.36	N3935.238	W10439.806
	CPPER	N392536.59	W1043955.22	N3925.610	W10439.920
	CRUUP	N393205.28	W1043950.60	N3932.088	W10439.843
	DYMON	N394457.47	W1043941.39	N3944.958	W10439.690
	EPICC	N392318.12	W1043821.73	N3923.302	W10438.362

CITY AND STATE	ELEVATION: 5434 THRE: 5434 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DENVER, CO	DENVER INTL	I-AQD	ILS OR LOC RWY 35L, AMDT 5, 11/15/2012 ILS RWY 35L (CAT II), ILS RWY 35L (CAT III) ILS RWY 35L (SA CAT I)	AMDT: 4 DATED: 09/23/2010

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:

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.

KARVE	N392315.68	W1044146.55	N3923.261	W10441.776
LDORA	N392136.64	W1044718.04	N3921.611	W10447.301
TELLR	N392606.07	W1044544.12	N3926.101	W10445.735
VAIIL	N392726.76	W1044127.11	N3927.446	W10441.452
RW35L	N394941.93	W1043937.98	N3949.699	W10439.633
IAQD (LOC)	N395150.60	W1043936.44	N3951.843	W10439.607

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW35L	05434	57

CITY AND STATE	ELEVATION: 5434 THRE: 5434	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DENVER, CO	AIRPORT NAME: DENVER INTL	I-AQD	ILS OR LOC RWY 35L, AMDT 5, 11/15/2012 ILS RWY 35L (CAT II), ILS RWY 35L (CAT III) ILS RWY 35L (SA CAT I)	AMDT: 4 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:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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 - LOC

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        DEN   K2011790VDHW N39484505W104393866    N39484505W104393866E0080054522     NARDENVER
        SUSAD        GLL   K2011420VDHW N40301393W104331086    N40301393W104331086E0130049002     NARGILL
        SUSAD KDENK2 IAQD  K2010850 IT                    IAQDN39515092W104393305     053880     NARDENVER INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BOSSS K20    W     N39215561W104352577                    E0086     NAR          BOSSS
        SUSAEAENRT   CELBI K20    C     N39382955W104394604                    E0086     NAR          CELBI
        SUSAEAENRT   CHAPP K20    C     N39292211W104395254                    E0086     NAR          CHAPP
        SUSAEAENRT   CHOLA K20    C     N39351426W104394836                    E0086     NAR          CHOLA
        SUSAEAENRT   CPPER K20    W     N39253659W104395522                    E0086     NAR          CPPER
        SUSAEAENRT   CRUUP K20    C     N39320528W104395060                    E0086     NAR          CRUUP
        SUSAEAENRT   DAPGE K20    C     N39474184W104393943                    E0087     NAR          DAPGE
        SUSAEAENRT   DYMON K20    C     N39445747W104394139                    E0087     NAR          DYMON
        SUSAEAENRT   EPICC K20    W     N39231812W104382173                    E0086     NAR          EPICC
        SUSAEAENRT   KARVE K20    W     N39231568W104414655                    E0086     NAR          KARVE
        SUSAEAENRT   LDORA K20    W     N39213664W104471804                    E0087     NAR          LDORA
        SUSAEAENRT   TELLR K20    W     N39260607W104454412                    E0087     NAR          TELLR
        SUSAEAENRT   VAIIL K20    W     N39272676W104412711                    E0086     NAR          VAIIL

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDENK2ADEN     0     160YHN39514200W104402340E008005434          1800018000C    MNAR    DENVER INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDENK2FL35L  ABOSSS 010BOSSSK2EA0E  A    IF                                  12000     18000210              0 NS
        SUSAP KDENK2FL35L  ABOSSS 020EPICCK2EA0E       TF                                + 12000                          0 NS
        SUSAP KDENK2FL35L  ABOSSS 030CPPERK2EA0E       TF                                + 12000                          0 NS
        SUSAP KDENK2FL35L  ABOSSS 040CHAPPK2EA0E       TF                                  12000                          0 NS
        SUSAP KDENK2FL35L  ABOSSS 050CRUUPK2EA0E  B    TF                                + 11000                          0 NS
        SUSAP KDENK2FL35L  ABOSSS 060CHOLAK2EA0E       TF                                + 10000                          0 NS
        SUSAP KDENK2FL35L  ABOSSS 070CELBIK2EA0EE      CF IAQDK2      1725013335250033PI + 09000                          0 NS
        SUSAP KDENK2FL35L  ALDORA 010LDORAK2EA0E  A    IF                                  13000     18000210              0 NS
        SUSAP KDENK2FL35L  ALDORA 020KARVEK2EA0E       TF                                + 12000                          0 NS
        SUSAP KDENK2FL35L  ALDORA 030CPPERK2EA0E       TF                                + 12000                          0 NS
        SUSAP KDENK2FL35L  ALDORA 040CHAPPK2EA0E       TF                                  12000                          0 NS
        SUSAP KDENK2FL35L  ALDORA 050CRUUPK2EA0E  B    TF                                + 11000                          0 NS
```

CITY AND STATE	ELEVATION: 5434 THRE: 5434	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DENVER, CO	AIRPORT NAME: **DENVER INTL**	**I-AQD**	**ILS OR LOC RWY 35L, AMDT 5, 11/15/2012** **ILS RWY 35L (CAT II), ILS RWY 35L (CAT III)** **ILS RWY 35L (SA CAT I)**	AMDT: **4** DATED: **09/23/2010**

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:

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.

```
SUSAP KDENK2FL35L  ALDORA 060CHOLAK2EA0E       TF                                  + 10000                          0 NS
SUSAP KDENK2FL35L  ALDORA 070CELBIK2EA0EE      CF IAQDK2      1725013335250033PI   + 09000                          0 NS
SUSAP KDENK2FL35L  ATELLR 010TELLRK2EA0E  A    IF                                    11000     18000210               0 NS
SUSAP KDENK2FL35L  ATELLR 020VAIILK2EA0E       TF                                  + 11000                          0 NS
SUSAP KDENK2FL35L  ATELLR 030CRUUPK2EA0E  B    TF                                  + 11000                          0 NS
SUSAP KDENK2FL35L  ATELLR 040CHOLAK2EA0E       TF                                  + 10000                          0 NS
SUSAP KDENK2FL35L  ATELLR 050CELBIK2EA0EE      CF IAQDK2      1725013335250033PI   + 09000                          0 NS
SUSAP KDENK2FL35L  L      010CELBIK2EA0E  I    IF IAQDK2      17250133        PI   + 09000     18000                 0 NS
SUSAP KDENK2FL35L  L      020DYMONK2EA0E  F    CF IAQDK2      1725006935300065PI   + 07000                DEN   K2D 0 NS
SUSAP KDENK2FL35L  L      021DAPGEK2EA0E S     CF IAQDK2      1725004135300027PI   + 06120            -300           0 NS
SUSAP KDENK2FL35L  L      030RW35LK2PG0GY M    CF IAQDK2      1725002135300020PI     05491            -300           0 NS
SUSAP KDENK2FL35L  L      040         0  M     CA                     3525         + 10000                          0 NS
SUSAP KDENK2FL35L  L      050GLL  K2D 0VY      DF                                  + 10000                          0 NS
SUSAP KDENK2FL35L  L      060GLL  K2D 0VE  R   HM                     2050T010     + 10000                          0 NS
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDENK2GRW35L   0120003525 N39494193W104393798-0500    +1638105434000057150IIAQD3
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDENK2IIAQD3   010850RW35LN39515060W1043936443525N39495276W1043932601024 11000308300E00805705423
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDENK2SDEN  K2D                0   18018009225                                                                    M
```

CITY AND STATE	ELEVATION: 5434 THRE: 5434	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DENVER, CO	AIRPORT NAME: DENVER INTL	I-AQD	ILS OR LOC RWY 35L, AMDT 5, 11/15/2012 ILS RWY 35L (CAT II), ILS RWY 35L (CAT III) ILS RWY 35L (SA CAT I)	AMDT: 4 DATED: 09/23/2010

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 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BOSSS	BOSSS	010	IAF	IF		FB				AT 12000	AT 210
	BOSSS	EPICC	020		TF		FB				AA 12000	
	BOSSS	CPPER	030		TF		FB				AA 12000	
	BOSSS	CHAPP	040		TF		FB				AT 12000	
	BOSSS	CRUUP	050		TF		FB				AA 11000	
	BOSSS	CHOLA	060		TF		FB				AA 10000	
	BOSSS	CELBI	070		CF		FB		352.5()	003.3	AA 09000	
	LDORA	LDORA	010	IAF	IF		FB				AT 13000	AT 210
	LDORA	KARVE	020		TF		FB				AA 12000	
	LDORA	CPPER	030		TF		FB				AA 12000	
	LDORA	CHAPP	040		TF		FB				AT 12000	
	LDORA	CRUUP	050		TF		FB				AA 11000	
	LDORA	CHOLA	060		TF		FB				AA 10000	
	LDORA	CELBI	070		CF		FB		352.5()	003.3	AA 09000	
	TELLR	TELLR	010	IAF	IF		FB				AT 11000	AT 210
	TELLR	VAIIL	020		TF		FB				AA 11000	
	TELLR	CRUUP	030		TF		FB				AA 11000	
	TELLR	CHOLA	040		TF		FB				AA 10000	
	TELLR	CELBI	050		CF		FB		352.5()	003.3	AA 09000	
		CELBI	010	FACF	IF		FB				AA 09000	
		DYMON	020	FAF	CF		FB		353.0()	006.5	AA 07000	
		DAPGE	021	SDF	CF		FB		353.0()	002.7	AA 06120	
		RW35L	030	MAP	CF		FO		353.0()	002.0	AT 05491	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		352.5()		AA 10000	
	GLL	050		DF		FO				AA 10000	
	GLL	060		HM	R	FO		205.0()	T01.0	AA 10000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DEN	N394845.05	W1043938.66	N3948.751	W10439.644
	GLL	N403013.93	W1043310.86	N4030.232	W10433.181
	IAQD (DME)	N395150.92	W1043933.05	N3951.849	W10439.551
	BOSSS	N392155.61	W1043525.77	N3921.927	W10435.430
	CELBI	N393829.55	W1043946.04	N3938.493	W10439.767
	CHAPP	N392922.11	W1043952.54	N3929.369	W10439.876
	CHOLA	N393514.26	W1043948.36	N3935.238	W10439.806
	CPPER	N392536.59	W1043955.22	N3925.610	W10439.920
	CRUUP	N393205.28	W1043950.60	N3932.088	W10439.843
	DAPGE	N394741.84	W1043939.43	N3947.697	W10439.657

CITY AND STATE	ELEVATION: 5434 THRE: 5434	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DENVER, CO	AIRPORT NAME: DENVER INTL	I-AQD	ILS OR LOC RWY 35L, AMDT 5, 11/15/2012 ILS RWY 35L (CAT II), ILS RWY 35L (CAT III) ILS RWY 35L (SA CAT I)	AMDT: 4 DATED: 09/23/2010

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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DYMON	N394457.47	W1043941.39	N3944.958	W10439.690
EPICC	N392318.12	W1043821.73	N3923.302	W10438.362
KARVE	N392315.68	W1044146.55	N3923.261	W10441.776
LDORA	N392136.64	W1044718.04	N3921.611	W10447.301
TELLR	N392606.07	W1044544.12	N3926.101	W10445.735
VAIIL	N392726.76	W1044127.11	N3927.446	W10441.452
RW35L	N394941.93	W1043937.98	N3949.699	W10439.633
IAQD (LOC)	N395150.60	W1043936.44	N3951.843	W10439.607

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW35L	05434	57

CITY AND STATE	ELEVATION: 5434 THRE: 5434	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DENVER, CO	AIRPORT NAME: DENVER INTL	I-AQD	ILS OR LOC RWY 35L, AMDT 5, 11/15/2012 ILS RWY 35L (CAT II), ILS RWY 35L (CAT III) ILS RWY 35L (SA CAT I)	AMDT: 4 DATED: 09/23/2010

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.
INITIAL	LDORA	KARVE	1. AAO	391909.00N/1044845.00W	7008 (4E)	1000	AT3992	12000
			2. TERRAIN	392136.00N/1044021.00W	6726 (6700)		AS1500	8200
INITIAL: STEPDOWN	KARVE	CPPER	3. TOWER (08-000111)	392514.47N/1043916.71W	7048 (2B)	1000	AT3952	12000
			4. TERRAIN	392236.00N/1043924.00W	6733 (6700)		AS1500	8200
INITIAL	BOSSS	EPICC	5. AAO	392127.00N/1043921.00W	6946 (4E)	1000	AT4054	12000
			6. TERRAIN	392130.00N/1043924.00W	6746 (6700)		AS1500	8200
INITIAL: STEPDOWN	EPICC	CPPER	3. TOWER (08-000111)	392514.47N/1043916.71W	7048 (2B)	1000	AT3952	12000
			4. TERRAIN	392236.00N/1043924.00W	6733 (6700)		AS1500	8200
INITIAL: STEPDOWN	CPPER	CHAPP/I-AQD	3. TOWER (08-000111)	392514.47N/1043916.71W	7048 (2B)	1000	AT3952	12000
		22.46 DME/RADAR	7. TERRAIN	392546.00N/1043932.00W	6730 (6700)		AS1500	8200
INITIAL: STEPDOWN	CHAPP/I-AQD	CRUUP/I-AQD	8. AAO	392824.00N/1043939.00W	6680 (4E)	1000	AT3320	11000
	22.46 DME/RADAR	19.75 DME/RADAR	9. TERRAIN	393104.60N/1043946.90W	6415 (6400)		AS1500	7900
INITIAL	TELLR	VAIIL	10. AAO	392554.00N/1044009.00W	6870 (4E)	1000	AT3130	11000
			11. TERRAIN	392554.00N/1044012.00W	6670 (6700)		AS1500	8200
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	DA / 4.74 MILES	GLL VOR/DME				ASC		10000
	AFTER		21. TWR (08-000781)	395145.00N/1044025.00W	5701 (1A)	1000		6800
ELEV:	5465/5510		22. TERRAIN	395133.00N/1043948.00W	5420 (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: DEN VOR/DME

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	MSA IN 6 CHECKED
360-360	TWR (08-000050)	252/ 27.0	8147 (4E)	9200					

CITY AND STATE	ELEVATION: 5434 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
DENVER, CO	DENVER INTL	I-AQD	ILS OR LOC RWY 35L, AMDT 5, 05/31/2012 ILS RWY 35L (CAT II) , ILS RWY 35L (CAT III), ILS RWY 35L (SA CAT I)	ANM

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
DEN TOWER ZDV ARTCC DEN APP CON	[ ] NWS OTHER: ASOS [ ] FAA [ ] A/C	SOURCE: KDEN DISTANCE: 0 HOURS REMOTE OPERATION: 0
SATISFACTORY ON:		
[X] VHF [X] UHF [ ] HF	LOCATION: KDEN	ADJUSTMENT: 0

4. MONITOR STATUS		
PRIMARY NAVAID: I-AQD		
MONITOR POINT: DEN TRACON		
HRS OPTN:	CAT 1	24
	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: 1101		ELEV GP ANTENNA: 5433.3
		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:	DATE:
CHARLIE SCHNEIDER	10/29/2011
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-354

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VGSI DATA 3.00/71.0

BACKUP ALTIMETER NOT REQUIRED DUE TO REDUNDANT LOCAL SOURCES.

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

SEE ATTACHED AIRSPACE LETTER.

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

PROCEDURE CONNECTED TO MULTIPLE RNAV STARS, RADAR REQUIRED NOTE PER ATC REQUEST

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

DENVER 99% MITRE SUPPLIED WINDS UTILIZED IN PROCEDURE DESIGN

OCT 3, 2011, MEMO - "REVISED PBN FLY-BY/ RF TURN MAXIMUM BANK ANGLE LIMITS" USED IN PROCEDURE DESIGN PER REGULATORY SUPPORT

MISSED APPROACH OBSTACLES CONT.
ALTERNATE:
ASC 10000
21. CTRL TWR (08-000781) 395145.00N/1044025.00W 5701
(1A) 1000 6800
23. TERRAIN 394851.00N/1043915.00W 5430 (5400) AS1500
6900

QUALITY 6 CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
INITIAL: STEPDOWN	VAIIL	CRUUP/I-AQD	10. AAO	392554.00N/1044009.00W	6870 (4E)	1000	AT3130	11000
		19.75 DME/RADAR	12. TERRAIN	392621.00N/1043918.00W	6667 (6700)		AS1500	8200
INTERMEDIATE	CRUUP/I-AQD	CHOLA/I-AQD	13. AAO	393133.00N/1043957.00W	6565 (4E)	500	AT2837 AC98	10000
	19.75 DME/RADAR	16.60 DME/RADAR	14. TERRAIN	393206.00N/1044015.00W	6300 (6300)		AS1500	7800
INTERMEDIATE:	CHOLA/I-AQD	CELBI/I-AQD	15. AAO	393454.00N/1044106.00W	6372 (4E)	500	AT2030 AC98	9000
STEPDOWN	16.60 DME/RADAR	13.35 DME/RADAR	16. TERRAIN	393539.00N/1044136.00W	6168 (6200)		AS1500	7700
INTERMEDIATE:	CELBI/I-AQD	DYMON/I-AQD 6.89	17. TOWER (08-000467)	393933.00N/1043650.00W	6236 (3C)	500	AT264	7000
STEPDOWN	13.35 DME/RADAR	DME/RADAR	18. TERRAIN	393927.00N/1043706.00W	5913 (5900)		AS1000	6900
FINAL: ILS	DYMON/I-AQD 6.89	RW35L				ASC		5634/200
	DME/RADAR							
FINAL: LOC	DYMON/I-AQD 6.89	DAPGE/I-AQD 4.15	19. AAO	394602.63N/1044004.33W	5869 (2C)	250		6120
	DME/RADAR	DME/ RADAR						
FINAL: LOC STEPDOWN	DAPGE/I-AQD 4.15	4.74 MILES AFTER	20. TREE	394718.99N/1044016.40W	5599 (2C)	250	SA-89	5760
	DME/ RADAR	DYMON/I-AQD						
		6.89 DME/RADAR						
		OR AT I-AQD						
		2.15 DME FIX						
3. MISSED APPROACH MAP:								
ELEV:								

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

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID:

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

QUALITY CHECKED 6

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
DENVER, CO	ELEVATION: 5434 AIRPORT NAME: DENVER INTL	I-AQD	ILS OR LOC RWY 35L, AMDT 5, 05/31/2012 ILS RWY 35L (CAT II) , ILS RWY 35L (CAT III), ILS RWY 35L (SA CAT I)	ANM

PART B - SUPPLEMENTAL DATA

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

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

5. APPROACH & RUNWAY LIGHTING	☐	**ALS**
	☐	**(S) SALS**
	☐	**MALS**
	☐	**HIRL**
	☐	**MIRL**
	☐	**REIL**
	☐	**TDZ**
	☐	**C/LINE**
	☐	**OTHER (SPECIFY)**

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:

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

10. WAIVERS:

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FINAL: ILS CAT II	**DYMON/I-AQD 6.89**	**RW35L**				**ASC**		**5534/100**
	DME/RADAR							
FINAL: SA ILS CAT I	**DYMON/I-AQD 6.89**	**RW35L**				**ASC**		**5584/150**
	DME/RADAR							
3. MISSED APPROACH	MAP:							
	ELEV:							

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

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID:

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

QUALITY 6 CHECKED

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
DENVER, CO	**ELEVATION: 5434** AIRPORT NAME: **DENVER INTL**	**I-AQD**	**ILS OR LOC RWY 35L, AMDT 5, 05/31/2012 ILS RWY 35L (CAT II) , ILS RWY 35L (CAT III), ILS RWY 35L (SA CAT I)**	**ANM**

RADIO FIX AND HOLDING DATA RECORD

NAME: BOSSS **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 392155.61N/1043525.77W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
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			KDEN	DENVER	CO (US)
IAP	ILS OR LOC RWY 35R			KDEN	DENVER	CO (US)
IAP	ILS RWY 34L (CAT II/III)			KDEN	DENVER	CO (US)
IAP	ILS RWY 34L (SA CAT I)			KDEN	DENVER	CO (US)
IAP	ILS RWY 34R (CAT II/III)			KDEN	DENVER	CO (US)
IAP	ILS RWY 34R (SA CAT I)			KDEN	DENVER	CO (US)
IAP	ILS RWY 35L (CAT II/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)
IAP	ILS RWY 35R (SA CAT I)			KDEN	DENVER	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

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:

RADIO FIX AND HOLDING DATA RECORD

NAME: CEDUK **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 401628.00N/1042229.19W **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	GILL	GLL	VOR/DME	H	136.23	149.23	16.00	16.00		7600	17500
2	MILE HIGH	DVV	VORTAC	H	018.70	026.70	25.50	25.50		7600	17500

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SE	GLL	VOR/DME	136.23	316.23	R	1		7600	14000	9	11
2	SE		WP	138.35	318.35	R		7	7600	14000	9	11
3	S	DVV	VORTAC	018.70	018.70	R	1		9000	14000	10	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (08-000029)	400425.00N/1041703.00W	5188	1A
2	230	TOWER (08-000029)	400425.00N/1041703.00W	5188	1A
3	230	AAO	400257.00N/1043303.00W	5361	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
MILE HIGH (FAC 2) AND GILL (FAC 1) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V611	1, 2				
IAP	ILS OR LOC RWY 26	1, 2	3	KDEN	DENVER	CO (US)
IAP	ILS OR LOC RWY 35L	2	3	KDEN	DENVER	CO (US)
IAP	ILS OR LOC RWY 35R	1, 2	1	KDEN	DENVER	CO (US)
IAP	ILS RWY 35L (CAT II/CAT III) (ALT MA)	2	3	KDEN	DENVER	CO (US)
IAP	ILS RWY 35L (SA CAT 1) (ALT MA)	2	3	KDEN	DENVER	CO (US)
IAP	ILS RWY 35R (CAT II/CAT III)	1, 2	1	KDEN	DENVER	CO (US)
IAP	ILS RWY 35R (SA CAT I)	1, 2	1	KDEN	DENVER	CO (US)
IAP	RNAV (GPS) RWY 33			KFNL	FORT COLLINS/LOVELAND	CO (US)
IAP	RNAV (GPS) RWY 16		2	KGXY	GREELEY	CO (US)
IAP	RNAV (GPS) RWY 27			KGXY	GREELEY	CO (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
UPDATED FIX USE.
FAC 2 MAG BRG CHANGED FROM 015.70 TO 018.70, MAGVAR CHANGED FROM 11E TO 8E
PAT 3 CRS INBOUND CHANGED FROM 015.70 TO 018.70

DEVELOPED BY: **DATE:** 11/28/2011 **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: 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: CHAPP **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 392922.11N/1043952.54W **TYPE:** WP, RADAR, 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	DENVER	I-AQD	LOC/DME		172.53	180.53	22.46	22.46		12000	15000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-AQD	LOC/DME	R-173	23	12000	15000

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/III)	1		KDEN	DENVER	CO (US)
IAP	ILS RWY 35L (SA CAT I)	1		KDEN	DENVER	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

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:

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	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:

RADIO FIX AND HOLDING DATA RECORD

NAME: CPPER **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 392536.59N/1043955.22W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35L			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)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

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:

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	DIST FROM FAC 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:

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:

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	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: EPICC **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 392318.12N/1043821.73W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35L			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)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

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:

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	DIST FROM 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

RADIO FIX AND HOLDING DATA RECORD

NAME: KARVE **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 392315.68N/1044146.55W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35L			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)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

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: LDORA **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 392136.64N/1044718.04W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
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			KDEN	DENVER	CO (US)
IAP	ILS OR LOC RWY 35R			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/CAT III)			KDEN	DENVER	CO (US)
IAP	ILS RWY 35R (SA CAT I)			KDEN	DENVER	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

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:

RADIO FIX AND HOLDING DATA RECORD

NAME: TELLR **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 392606.07N/1044544.12W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
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			KDEN	DENVER	CO (US)
IAP	ILS OR LOC RWY 35R			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/CAT III)			KDEN	DENVER	CO (US)
IAP	ILS RWY 35R (SA CAT I)			KDEN	DENVER	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 10/31/2011 **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: VAIIL **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 392726.76N/1044127.11W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35L			KDEN	DENVER	CO (US)
IAP	ILS OR LOC RWY 35R			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/CAT III)			KDEN	DENVER	CO (US)
IAP	ILS RWY 35R (SA CAT I)			KDEN	DENVER	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 11/10/2011 **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:

TERMINAL AIRSPACE DATA REQUIREMENTS

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

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

PROCEDURE: **ILS OR LOC RWY 35L** AMDT: **5**

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 **2.94**
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).