Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 06/09/2011	Task #: 20110609305374 01003	Request #: 20110609305374
Procedure: RNAV (GPS) Y RWY 16R AMDT 1		Airport ID: KDEN	Airport: DENVER INTL		Reimbursable #:
City: DENVER	ST: CO	GPS #:		Estimated Chart Date: 05/31/2012	FICO #:
Fac ID:	Fac. Type: LPV-200 HAT		Specialist: CHARLES ERICKSON		

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	10/24/2011	03/02/2012	ADOLFO URRUTIA	
QA:	03/02/2012	03/02/2012	SCOTT BEARD	
Liaison:	03/02/2012		Ferrell	MAGVAR - HARD DATE

MAG VAR 91

Procedure Comments:

Remark Type: INFORMATION

pkg 2 of 4

DENVER, CO DENVER INTL (KDEN) RNAV (GPS) Y RWY 16R, AMDT 1 (LPV) ENROUTE-YES HARD DATE: 5/31/12

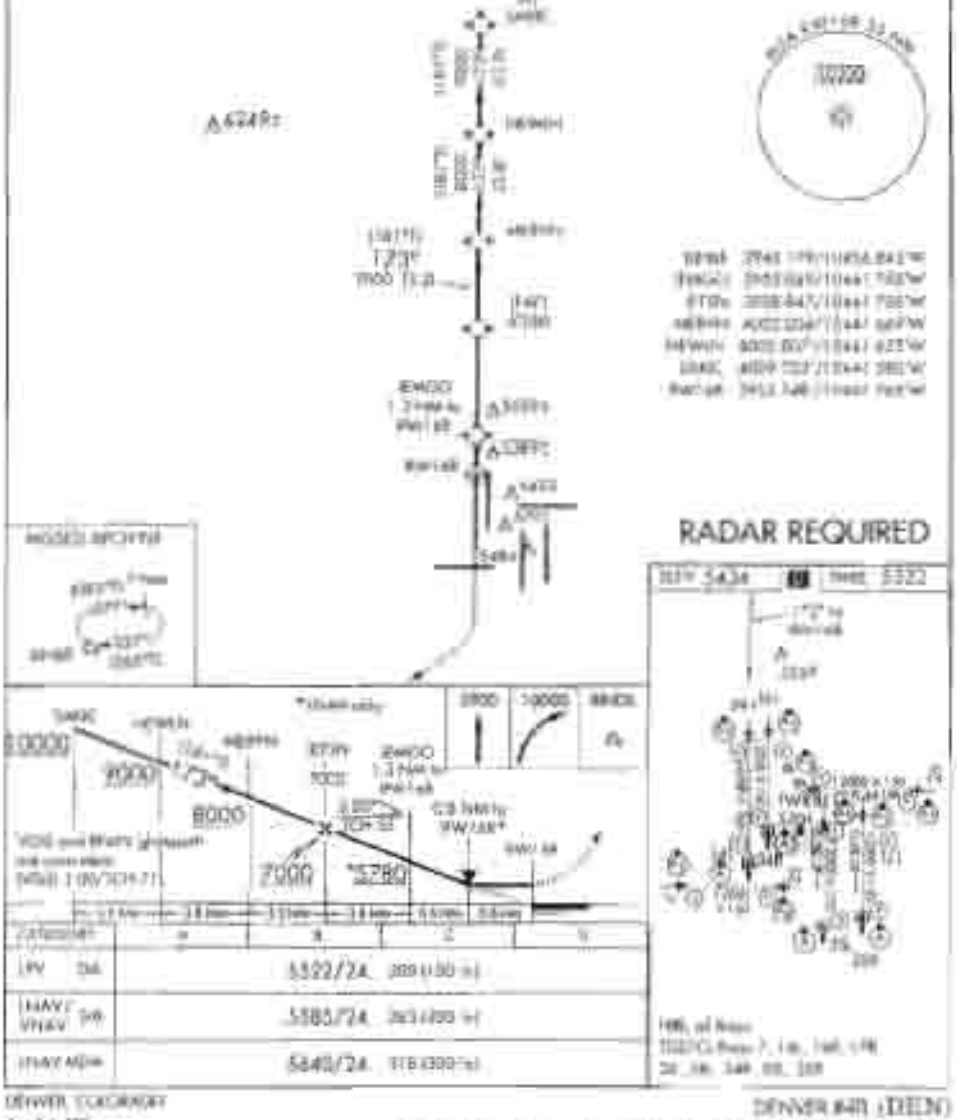
ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): BINBE-INT, ORIG; JEMGO, ORIG; JETSN-INT, REV 1; MERYN-INT, ORIG; NEWLN-INT, ORIG; SAKIC-INT, REV 1.

CONTACT: ADOLFO URRUTIA, AJV-354 LEAD, 405 954 2079.

DENVER, COLORADO

RNAV (GPS) Y RWY 16R

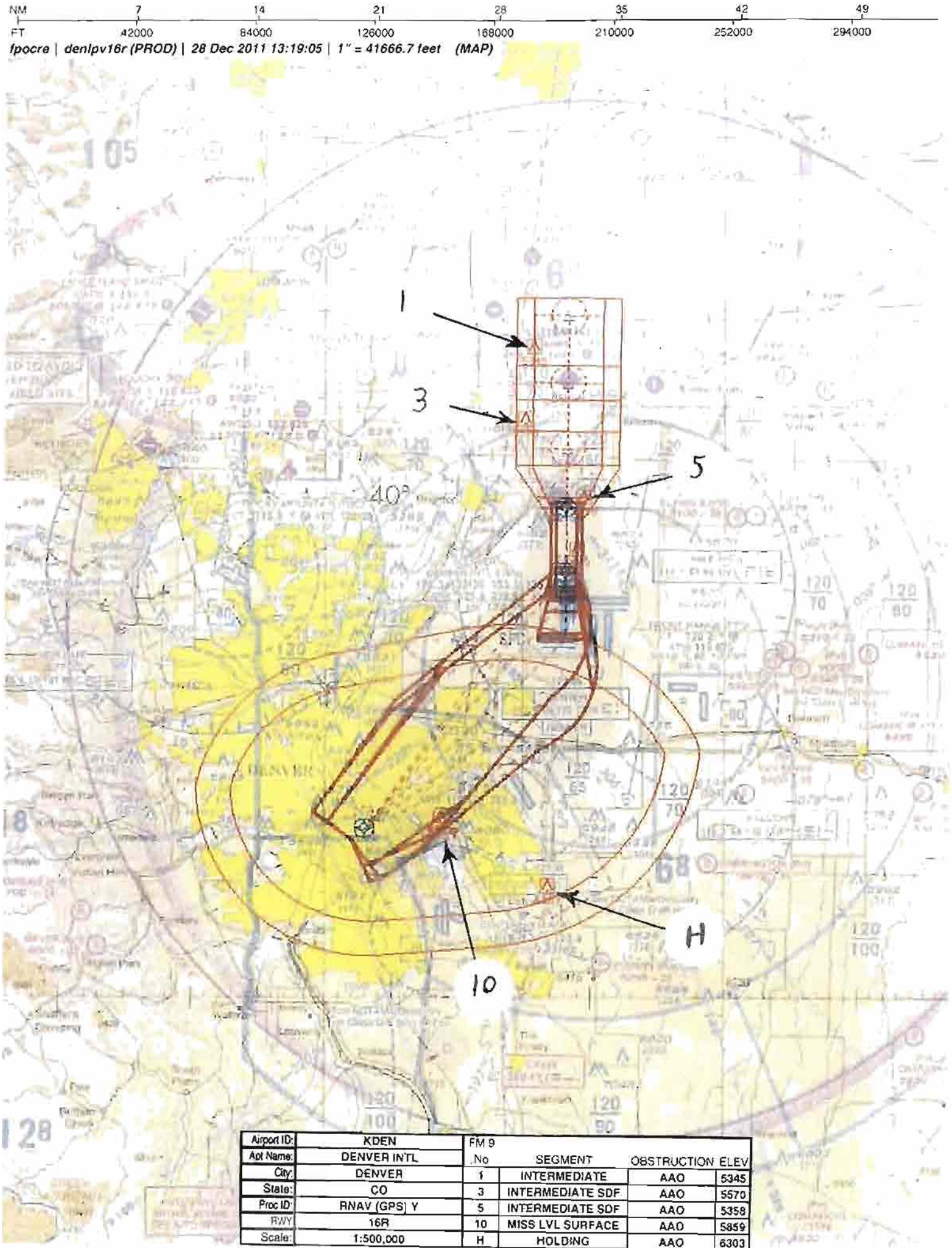
DENVER INTL (DEN)



DENVER, COLORADO

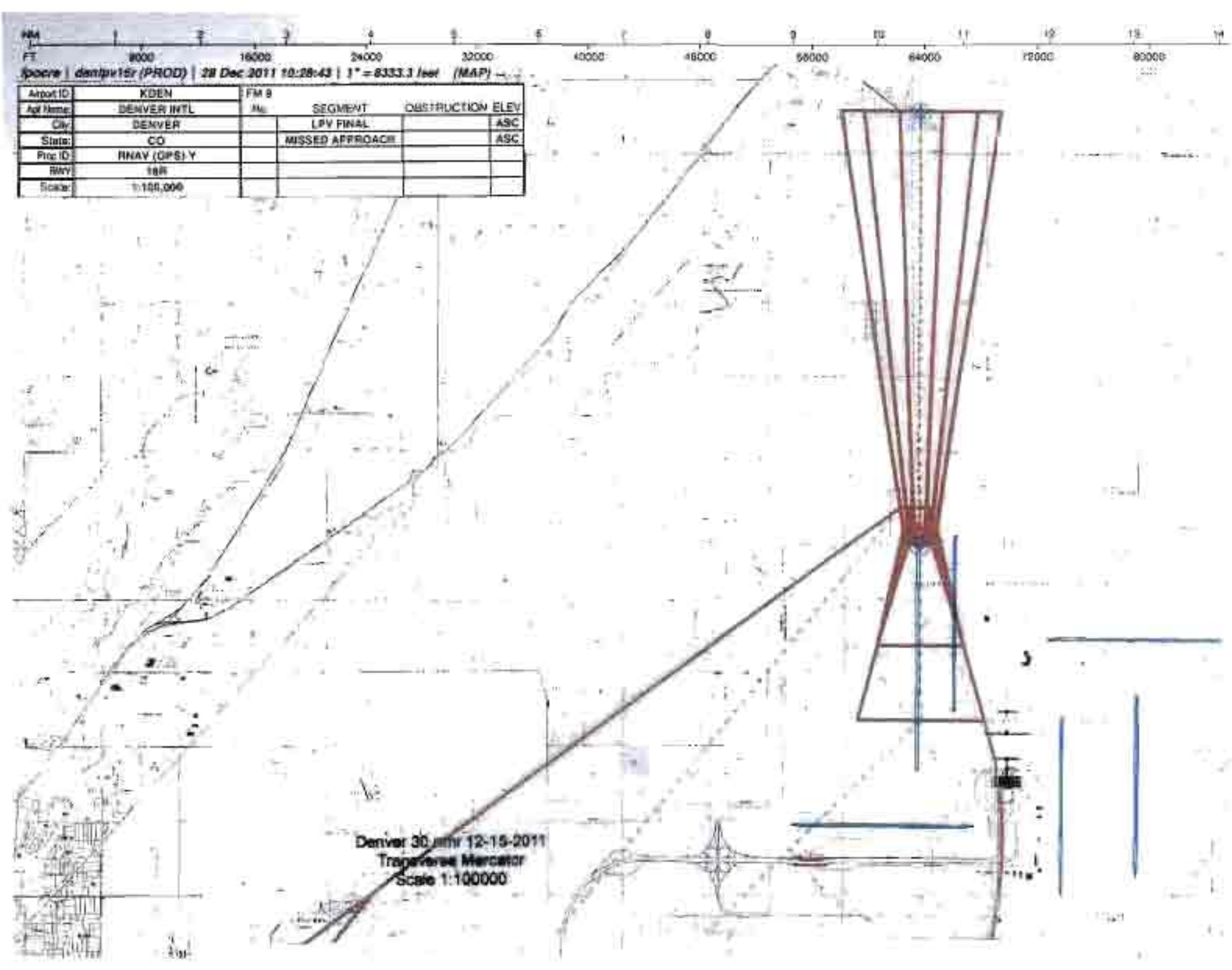
DENVER INTL (DEN)

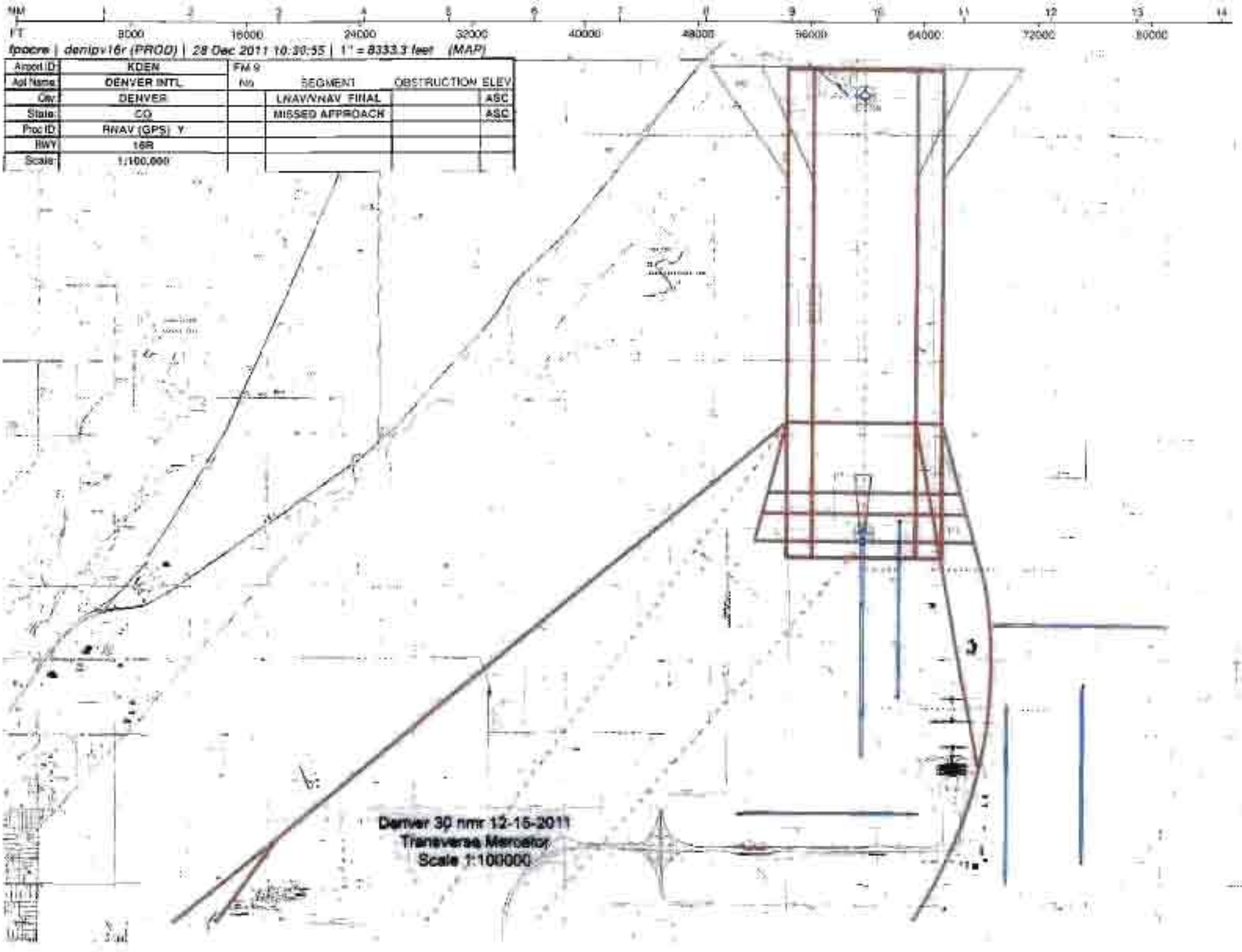
RNAV (GPS) Y RWY 16R

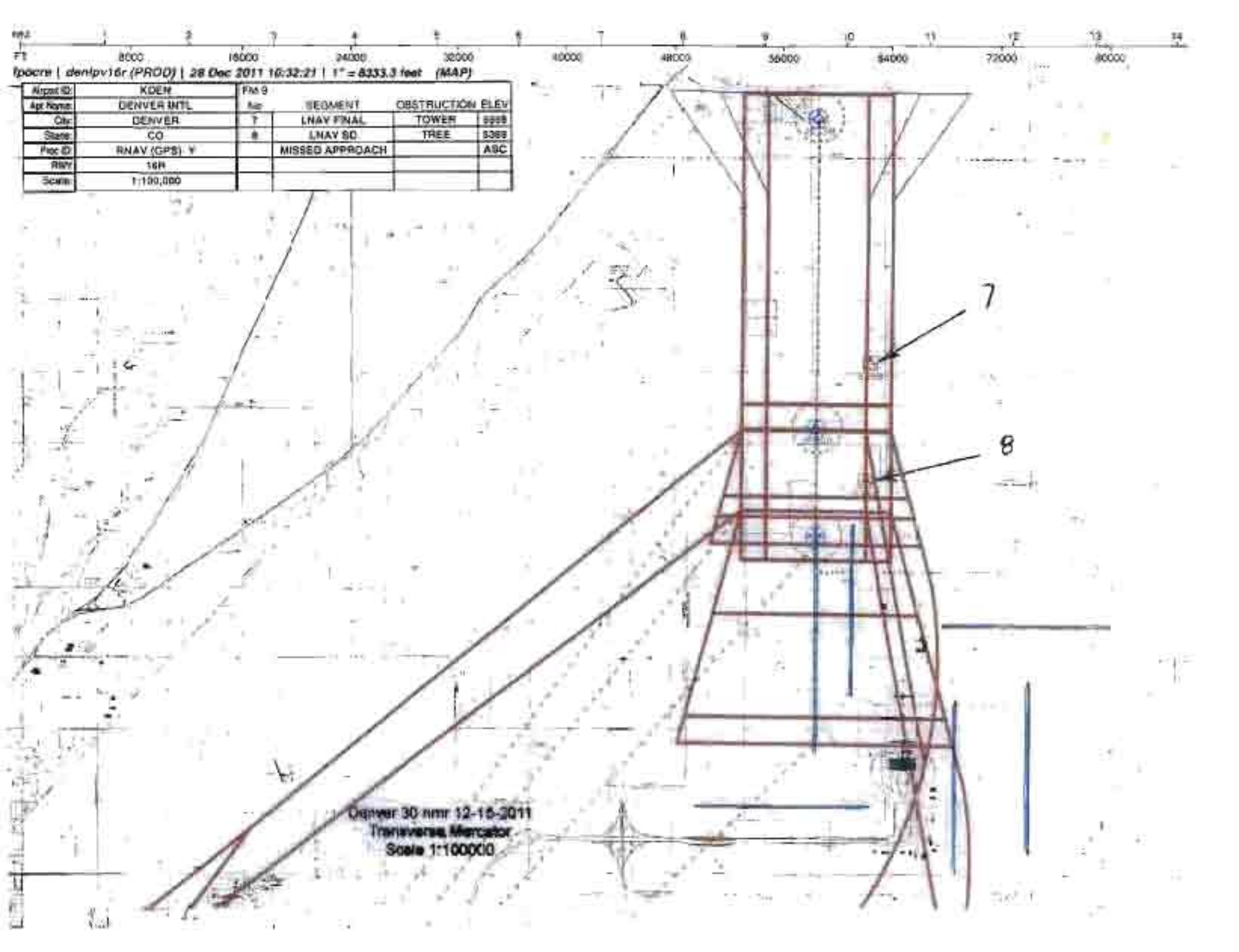


Airport ID:	KDEN
Apt Name:	DENVER INTL
City:	DENVER
State:	CO
Proc ID:	RNAV (GPS) Y
RWY	16R
Scale:	1:500,000

FM 9 No	SEGMENT	OBSTRUCTION	ELEV
1	INTERMEDIATE	AAO	5345
3	INTERMEDIATE SDF	AAO	5570
5	INTERMEDIATE SDF	AAO	5358
10	MISS LVL SURFACE	AAO	5859
H	HOLDING	AAO	6303


NM 1 2 3 4 5 6 7 8 9 10 11 12 13 14
FT 8000 16000 24000 32000 40000 48000 56000 64000 72000 80000
fpocre | dentpv16r (PROD) | 28 Dec 2011 10:28:43 | 1" = 8333.3 feet (MAP)
Airport ID: KDEN
Apt Name: DENVER INTL
City: DENVER
State: CO
Proc ID: RNAV (GPS) Y
RWY: 16R
Scale: 1:100,000
FM 8
No. SEGMENT OBSTRUCTION ELEV
LPV FINAL ASC
MISSED APPROACH ASC
Denver 30 nmr 12-15-2011
Transverse Mercator
Scale 1:100000


NM
FT
8000
16000
24000
32000
40000
48000
56000
64000
72000
80000
fpacre | denipv16r (PROD) | 28 Dec 2011 10:30:55 | 1" = 8333.3 feet (MAP)
Airport ID: KDEN
Apt Name: DENVER INTL
City: DENVER
State: CO
Proc ID: RNAV (GPS) Y
RWY: 16R
Scale: 1:100,000
FM 9
NM
SEGMENT
OBSTRUCTION ELEV
LNAV/VNAV FINAL
ASC
MISSED APPROACH
ASC
Denver 30 nmr 12-15-2011
Transverse Mercator
Scale 1:100000


FT
8000
16000
24000
32000
40000
48000
56000
64000
72000
80000
fpacrs | denlpv16r (PROD) | 28 Dec 2011 10:32:21 | 1" = 8333.3 feet (MAP)
Airport ID: KDEN
Apt Name: DENVER INTL
City: DENVER
State: CO
Proc ID: RNAV (GPS) Y
Rwy: 16R
Scale: 1:100,000
FAS 9
Sup
SEGMENT
OBSTRUCTION
ELEV
T
LNAV FINAL
TOWER
9999
8
LNAV SO
TREE
5389
MISSED APPROACH
ASC
7
8
Denver 30 nmr 12-15-2011
Transverse Mercator
Scale 1:100000

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
SAKIC (IF)	NEWLN (FB)	172.51 / 3.89	9000
NEWLN	MERYN (FB)	172.51 / 3.80	8000
MERYN	JETSN (FB)	172.51 / 3.15	7000
JETSN (FAF)	JEMGO/1.30 NM TO RW16R (FB)	172.51 / 3.80	
JEMGO/1.30 NM TO RW16R	RW16R (MAP) (FO)	172.51 / 1.30	
RW16R (MAP)(FO)	5900 MSL	172.51	5900
5900 MSL	BINBE (FO)		10000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW16R

CLIMB TO 5900 THEN CLIMBING RIGHT TURN TO 10000 DIRECT BINBE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 10000.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT SAKIC
3. FAC: 172.51 FAF: JETSN DIST FAF TO MAP: 5.10 THLD: 5.10
4. MIN. ALT: SAKIC 10000, NEWLN 9000, MERYN 8000, JETSN 7000, JEMGO 5780*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 7000 GS ALT AT: JETSN 7000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.1 34:1 IS CLEAR
8. MSA FROM: RW16R 10200

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 257.46 INBOUND.
CHART FAS OBST: 5389 TREE 395420N/1044059W
CHART 5559 TOWER 395545N/1044054W.
WAAS CHANNEL # 82628
REFERENCE PATH ID: W16B
CHART VDP AT 0.78 MILES TO RWY16R*
*LNAV ONLY.
LTP HAE: 1604 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	5522	2400	200	5522	2400	200	5522	2400	200	5522	2400	200			
LNAV/VNAV DA	5585	2400	263	5585	2400	263	5585	2400	263	5585	2400	263			
LNAV MDA	5640	2400	318	5640	2400	318	5640	2400	318	5640	2400	318			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C (-13F) OR ABOVE 46C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 17L/R.
CHART PLANVIEW NOTE: RADAR REQUIRED.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 5434 THRE: 5322 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 16R
DENVER, CO	DENVER INTL	RNAV	RNAV (GPS) Y RWY 16R, AMDT 1	AMDT: ORIG-A
				DATED 04/15/2004

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

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[X]	[ ]	[X]	[X]	[X]	[X]	[X] ZDV, DEN ATCT, DEN APP CON, CO AERO, AIRPORT MANAGER

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME:	FIFO	DATE:
CHARLES ERICKSON	AJV-354	12/28/2011

APPROVED BY		
NAME:	FIFO	DATE:
DEZ SILAGYI MANAGER	AJV-354	

CHANGES:

1. AIRFIELD MAGVAR CHANGED FROM 11E TO 8E.
2. FAC CHANGED FROM 169.51 TO 172.51.
3. REMOVED CODET FO WP AND CHANGED MA DESTINATION FROM BREWS TO BINBE.
4. MOVED PFAF 387 FT NORTH.
5. GLIDESLOPE ANGLE CHANGED FROM 3.05 TO 3.00.
6. ADDED TWO INTERMEDIATE SDF (NEWLN, MERYN)
7. PFAF TO MAP/THLD CHANGED FROM 5.03 TO 5.10.
8. ADDED LPV LNAV/VNAV LINES OF MINIMA.
9. ADDED LNAV FINAL SDF AND LOWERED MDA/HATH FROM 5820/497 TO 5640/318.
10. LNAV RVR CATS C/D DECREASED FROM 4000/5000 TO 2400.
11. ADDED THE FOLLOWING CHART NOTES: DME/DME RNP-0.3 NA, LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS, SIMULTANEOUS OPERATIONS AUTHORIZED WITH RWY 17L/R, FOR INOPERATIVE MASR INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500, LNAV CAT C/D VISIBILITY TO RVR 4500, USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.
12. ADDED PLANVIEW NOTE: RADAR REQUIRED AND PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

REASONS:

1. 2015 EPOCH YEAR MAGVAR USED.
2. USE OF 8E MAGVAR.
3. ATC REQUEST.
4. BASED ON NEW PFAF CALCULATIONS.
5. ADJUSTMENT OF PFAF LOCATION TO ACCOMODATE STANDARD LPV AND LNAV/VNAV VERTICAL GUIDANCE.
6. ATC REQUEST
7. RELOCATION OF PFAF.
8. NATIONAL INITIATIVE.
9. ATC REQUESTED LOWEST MINIMUMS POSSIBLE.
10. LOWER MDA.
11 NOTES REQUIRED FOR THIS PROCEDURE.
12. ATC REQUEST AND VGSI AND RNAV GLIDEPATH DO NOT COINCIDE.

EFFECTIVE CONCURRENT WITH: KDEN ILS OR LOC RWY 16R AMDT 1

03/21/12: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/06/12.
1. ADDED "CONTINUE CLIMB-IN-HOLD TO 10000" TO MISSED APPROACH INSTRUCTIONS.

6/10/12: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/06/12.
1. UPDATED LNAV/VNAV HIGH TEMP FROM 11C (53F) TO 46C (116F)

9/10/12: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/06/12.
1. CHANGED CHART PLANVIEW NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 17L/R TO CHART NOTE.

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES, (CONT.):

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500, LNAV CAT C/D VISIBILITY TO RVR 4500.

CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 5434 THRE: 5322 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 16R
DENVER, CO	DENVER INTL	RNAV	RNAV (GPS) Y RWY 16R, AMDT 1	AMDT: ORIG-A
				DATED: 04/15/2004

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:

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	RW16R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16B
LTP/FTP LATITUDE	395344.8690N
LTP/FTP LONGITUDE	1044145.9005W
LTP/FTP ELLIPSOIDAL HEIGHT	+16040
FPAP LATITUDE	395106.7900N
FPAP LONGITUDE	1044147.7300W
THRESHOLD CROSSING HEIGHT (TCH)	00055.1
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	D541C376

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+16221
FPAP ORTHOMETRIC HEIGHT	+16221

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 5434 THRE: 5322 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 16R
DENVER, CO	DENVER INTL	RNAV	RNAV (GPS) Y RWY 16R, AMDT 1	AMDT: ORIG-A
				DATED: 04/15/2004

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:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BINBE K20    C   L N39401074W104565055                      E0088     NAR           BINBE
        SUSAEAENRT   JEMGO K20    W     N39550293W104414500                      E0087     NAR           JEMGO
        SUSAEAENRT   JETSN K20    C     N39585083W104414236                      E0087     NAR           JETSN
        SUSAEAENRT   MERYN K20    C     N40020023W104414016                      E0087     NAR           MERYN
        SUSAEAENRT   NEWLN K20    C     N40054840W104413751                      E0087     NAR           NEWLN
        SUSAEAENRT   SAKIC K20    C     N40094217W104413479                      E0087     NAR           SAKIC

                 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 KDENK2FR16RY R      010SAKICK2EA0E  I    IF                                  + 10000     18000                A JS
        SUSAP KDENK2FR16RY R      011NEWLNK2EA0E S  051TF                      17250039    + 09000                          A JS
        SUSAP KDENK2FR16RY R      012MERYNK2EA0E S  051TF                      17250038    + 08000                          A JS
        SUSAP KDENK2FR16RY R      020JETSNK2EA1E  F 051TF                      17250032    + 07000                 RW16RAK2PGA JS
        SUSAP KDENK2FR16RY R      020JETSNK2EA2WALPV       ALNAV/VNAV ALNAV                                                   JS
        SUSAP KDENK2FR16RY R      021JEMGOK2EA0E S  031TF                      17250038    V 0578005790        -300         A JS
        SUSAP KDENK2FR16RY R      030RW16RK2PG0GY M 031TF                      17250013      05377             -300         A JS
        SUSAP KDENK2FR16RY R      040          0  M     CA                      1725        + 05900                          A JS
        SUSAP KDENK2FR16RY R      050BINBEK2EA0EY  R   DF                                  + 10000                          A JS
        SUSAP KDENK2FR16RY R      060BINBEK2EA0EE  R   HM                      25750070    + 10000                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDENK2GRW16R   0160001725 N39534487W104414590+0000    +1604005322000055200I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDENK2PR16RY RW16R001Y0000W16B0N3953448690W10441459005+160400300N3951067900W104414773001067500000000551F400350D541C376
        SUSAP KDENK2PR16RY RW16R002E      +16221+16221LPV       82628

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDENK2SRW16RK2PGA              0   18018010225                                                                    M
```

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 5434 THRE: 5322	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 16R
DENVER, CO	AIRPORT NAME: DENVER INTL	RNAV	RNAV (GPS) Y RWY 16R, AMDT 1	AMDT: ORIG-A
				DATED: 04/15/2004

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

COORDINATED WITH:

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

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

CHANGES:

REASONS:

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		SAKIC	010	FACF	IF		FB				AA 10000	
		NEWLN	011	SDF	TF		FB	0.5	172.5(180.5T)	003.9	AA 09000	
		MERYN	012	SDF	TF		FB	0.5	172.5(180.5T)	003.8	AA 08000	
		JETSN	020	FAF	TF		FB	0.5	172.5(180.5T)	003.2	AA 07000	
		JEMGO	021	SDF	TF		FB	0.3	172.5(180.5T)	003.8	AA 05780 GS 05790	
		RW16R	030	MAP	TF		FO	0.3	172.5(180.5T)	001.3	AT 05377	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		172.5(180.5T)		AA 05900	
	BINBE	050		DF	R	FO				AA 10000	
	BINBE	060		HM	R	FO		257.5(265.5T)	007.0	AA 10000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BINBE	N394010.74	W1045650.55	N3940.179	W10456.843
	JEMGO	N395502.93	W1044145.00	N3955.049	W10441.750
	JETSN	N395850.83	W1044142.36	N3958.847	W10441.706
	MERYN	N400200.23	W1044140.16	N4002.004	W10441.669
	NEWLN	N400548.40	W1044137.51	N4005.807	W10441.625
	SAKIC	N400942.17	W1044134.79	N4009.703	W10441.580
	RW16R	N395344.87	W1044145.90	N3953.748	W10441.765

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW16R	05322	55

CITY AND STATE	ELEVATION: 5434 THRE: 5322 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 16R
DENVER, CO	DENVER INTL	RNAV	RNAV (GPS) Y RWY 16R, AMDT 1	AMDT: ORIG-A
				DATED: 04/15/2004

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	SAKIC	NEWLN	1. AAO	400730.00N/1044412.00W	5345 (6C)	500	AT3155	9000
			2. TERRAIN	400730.00N/1044412.00W	5145 (5100)		AS1500	6600
INTERMEDIATE:	NEWLN	MERYN	3. TOWER (08-000787)	400319.90N/1044449.80W	5570 (5D)	500	AT1930	8000
STEPDOWN			4. TERRAIN	400448.00N/1044412.00W	5119 (5100)		AS1500	6600
INTERMEDIATE:	MERYN	JETSN	5. AAO	395848.00N/1044024.00W	5358 (4E)	500	AC98 AT1044	7000
STEPDOWN			6. TERRAIN	395851.00N/1044030.00W	5155 (5200)		AS1500	6700
FINAL: LPV	JETSN	RW16R				ASC		5522/200
FINAL: LNAV/VNAV	JETSN	RW16R				ASC	MA13	5585/263
FINAL: LNAV	JETSN	JEMGO	7. TOWER (08-000189)	395545.00N/1044054.00W	5559 (1A)	250	SA-40	5780
FINAL: LNAV STEPDOWN	JEMGO	RW16R	8. TREE	395419.54N/1044059.24W	5389 (2C)	250		5640
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	DA / DA / RW16R	BINBE	9. CTRL TWR(08-00781)	395145.00N/1044025.00W	5701 (1A)			10000
			10. AAO	394012.00N/1045109.00W	5859 (2C)	1000		6900
ELEV:	5354/5424/5540		11. TERRAIN	394012.00N/1045109.00W	5659 (5700)		AS1500	7200

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: **RW16R**

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	AAO	262/ 28.5	9115 (4E)	10200					

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
DENVER, CO	ELEVATION: 5434 AIRPORT NAME: DENVER INTL	RNAV	RNAV (GPS) Y RWY 16R, AMDT 1	ANM

QUALITY CHECKED

PART B - SUPPLEMENTAL DATA

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

4. MONITOR STATUS		
PRIMARY NAVAID:		
MONITOR POINT:		
HRS OPTN:	CAT 1	
	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: **5321.8**
DISTANCE FROM RWY:		ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: **55.1**

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:
CHARLES ERICKSON	**12/28/2011**
TITLE: **AERONAUTICAL INFORMATION SPECIALIST**	OFFICE: **AJV-354**

PART C - REMARKS:

BLOCK 3: ALTIMETER SETTING
SOURCE: KDEN
DISTANCE: 0
ADJUSTMENT: 0

INITIAL SEGMENTS PROVIDED VIA RADAR VECTORS TO SAKIC.

RADAR REQUIRED: DEN ATC REQUEST.

CIRCLING NA: DEN ATCT.

TAA NOT DEVELOPED PER ATC REQUEST.

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

LPV OCS 34:1

LNAV/VNAV SURFACE 23.4:1

INTERMEDIATE CONTROLLING OBSTACLE THE SAME FOR ALL FINAL TYPES.

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

MISSED APPROACH IAW 8260.54A (IPDS BUILD).

BACK-UP ALTIMETER NOT PUBLISHED. REDUNDANT REPORTING ON AIRPORT.

USED 50' TREE HEIGHT INSIDE 20,000 FT.

KDEN ASOS ON SERVICE A /24 HRS

VGSI: 3.00/71.2

RADIO FIX AND HOLDING DATA RECORD

NAME: BINBE **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 394010.74N/1045650.55W **TYPE:** WP, DME

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	FALCON	FQF	VORTAC	H	254.46	265.46	15.17	15.17		10000	17500

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	E		WP	077.46	257.46	R		7	10000	17500	10	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	393609.00N/1044303.00W	6303	4E
1	310	TOWER (08-000050)	394348.00N/1051404.00W	8147	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (RNP) Z RWY 16R	KDEN	DENVER	CO (US)
1	RNAV (RNP) Z RWY 16L	KDEN	DENVER	CO (US)
1	RNAV (GPS) Y RWY 16R	KDEN	DENVER	CO (US)
1	RNAV (GPS) Y RWY 16L	KDEN	DENVER	CO (US)

REMARKS:
FALCON (FAC 1) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED
PAT 1 CIH OBST LOCATED 11804 FT INTO SECONDARY AREA (7155 EQ)

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V134	1				(US)
IAP	RNAV (GPS) Y RWY 16L		1	KDEN	DENVER	CO (US)
IAP	RNAV (GPS) Y RWY 16R		1	KDEN	DENVER	CO (US)
IAP	RNAV (RNP) Z RWY 16L		1	KDEN	DENVER	CO (US)
IAP	RNAV (RNP) Z RWY 16R		1	KDEN	DENVER	CO (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:
03/21/12: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/14/2011.
1. CHANGED HOLDING PAT 1 RAD/CRS/BRG FROM 257.46 TO 77.46.

DEVELOPED BY: **DATE:** 12/14/2011 **OFFICE:** AJV-354 **NAME:** CHARLES ERICKSON

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: JEMGO **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 395502.93N/1044145.00W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Y RWY 16R			KDEN	DENVER	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 12/15/2011 **OFFICE:** AJV-354 **NAME:** CHARLES ERICKSON

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: JETSN **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 395850.83N/1044142.36W **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-DQQ	LOC/DME		352.51	000.51	4.92	7.89	47971	7000	9800

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

REMARKS:
DENVER (FAC 1) USED TO ESTABLISH FIX COORDINATES
DME COORDINATES 395355.74N/1044150.90W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 16R	1		KDEN	DENVER	CO (US)
IAP	RNAV (GPS) Y RWY 16R			KDEN	DENVER	CO (US)
IAP	RNAV (RNP) Z RWY 16R			KDEN	DENVER	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:
FIX MOVED 387 FT NORTH TO UPDATED PFAF LOCATION, COORDINATES REVISED
FAC 1 MAG BRG CHANGED FROM 349.51 TO 352.51
FAC 1 MAGVAR CHANGED FROM 11E TO 8E
FAC 1 DME CHANGED FROM 4.85 TO 4.92
UPDATED FIX USE
BJC MAG/TRUE BRG CHANGED FROM 067.81/078.81 TO 067.64/078.64
REMOVED FAC 1, 3 AND 4
LOWERED MAA FROM 10000 TO 9800
REMOVED INT FROM TYPE

DEVELOPED BY: **DATE:** 11/02/2011 **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: MERYN **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 400200.23N/1044140.16W **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-DQQ	LOC/DME		352.51	000.51	8.07	11.05		8000	9800

REMARKS:
DENVER (FAC 1) USED TO ESTABLISH FIX COORDINATES
DME COORDINATES 395355.74N/1044150.90W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 16R	1		KDEN	DENVER	CO (US)
IAP	RNAV (GPS) Y RWY 16R			KDEN	DENVER	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 11/02/2011 **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: NEWLN **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 400548.40N/1044137.51W **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-DQQ	LOC/DME		352.51	000.51	11.87	14.85		9000	11000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-DQQ	LOC/DME	R-353	15	9000	11000

REMARKS:
DENVER (FAC 1) USED TO ESTABLISH FIX COORDINATES
DME COORDINATES 395355.74N/1044150.90W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 16R	1		KDEN	DENVER	CO (US)
IAP	RNAV (GPS) Y RWY 16R			KDEN	DENVER	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 11/02/2011 **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: SAKIC **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 400942.17N/1044134.79W **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-DQQ	LOC/DME		352.51	000.51	15.76	18.74		10000	13000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-DQQ	LOC/DME	R-353	19	10000	13000

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

REMARKS:
DENVER (FAC 1) USED TO ESTABLISH FIX COORDINATES
DME COORDINATES 395355.74N/1044150.90W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 16R	1		KDEN	DENVER	CO (US)
IAP	RNAV (GPS) Y RWY 16R			KDEN	DENVER	CO (US)
IAP	RNAV (RNP) Z RWY 16R			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 349.51 TO 352.51
FAC 1 MAGVAR CHANGED FROM 11E TO 8E
UPDATED FIX USE
REMOVED FAC 1, 3 AND 4
FAC 1 ADDED DIST FROM FAC
REMOVED INT FROM TYPE
FAC 1 MRA/MAA CHANGED FROM 7000/14000 TO 10000/13000
ADDED FAC 1 ESV DATA

DEVELOPED BY: **DATE:** 11/02/2011 **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: **RNAV (GPS) Y RWY 16R** AMDT: **1**

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 **2.90**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **180.51**
4. High Terrain in **FINAL** segment containing 1000' point **5345**
5. Distance from **THLD** to 1500' point **4.70**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.76**
7. True Course of **FINAL** segment containing 1500' point **180.51**
8. High Terrain in **FINAL** segment containing 1500' point **5345**
9. Threshold Coordinates (if straight-in) ... **395344.87N / 1044145.90W**
10. ARP Coordinates ..... **395142.00N / 1044023.40W**
11. Runway Approach End and distance furthest from ARP.....RWY **7**
    Distance **2.77** NM
12. FAF Coordinates ..... **395850.83N / 1044142.36W**
    (Click to Select)

REMARKS: Approach/Drawing attached.

CANCELLED

RADIO FIX AND HOLDING DATA RECORD

NAME: CODET **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 395144.78N/1044147.29W **TYPE:** WP

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

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	KDEN R16R					180.51	2.00				17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 16R			KDEN	DENVER	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 06/26/2003

ATC COORDINATION: **DATE:** **FACILITY:** **NAME:**

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

DEVELOPED BY: **DATE:** **OFFICE:** **NAME:**

APPROVED BY: **DATE:** **OFFICE:** AVN-130 **NAME:** DEZ SILAGYI

SIGNATURE:

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

QUALITY CHECKED

Federal Aviation Administration

Memorandum

Date:

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

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

Subject: **ACTION:** Magnetic Variation Change

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

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).