Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 11/10/2010	Task #: 2010111020959101001	Request #: 20101110209591
Procedure: ILS OR LOC RWY 35 AMDT 1		Airport ID: KFTG	**Airport:** FRONT RANGE		Reimbursable #:
City: DENVER	**ST:** CO	**GPS #:**		Estimated Chart Date: 05/31/2012	FICO #:
Fac ID: VWT	**Fac. Type:** ILS	**Specialist:** STEPHEN PETERSON			

Procedure Review

MAG VAR ?

	Rec'd	Rel'd	Full Name	Comments
Lead:	11/01/2011	03/02/2012	LONNIE EVERHART	
QA:	03/02/2012	03/02/2012	STEVEN SZUKALA	
Liaison:	03/02/2012		Terrell	MAGVAR - HARD DATE

ESV REQUEST INCLUDED

Procedure Comments:

Remark Type: INFORMATION

pkg 3 of 8

DENVER, CO FRONT RANGE (KFTG) ILS OR LOC RWY 35, AMDT 1 ENROUTE-NO HARD DATE: 5.31.12

ATTACHED FORMS: ESV REPORTS; 8260-3; 8260-10; 8260-9; 8260-2(S): ARRES-INT, REV 1; CFPQB, ORIG; FALCON (FQF) VTAC, REV 2; GUSET-INT, REV 1; IJKUQ-INT, ORIG; LIMEX-INT, REV 5; PHLAT-INT, REV 4.
FLCK NOTE: 4D ACCURACY CODE EVAL REQUESTED, SEE 8260-9.

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

ILS or LOC RWY 35

DENVER/ FRONT RANGE (FTG)

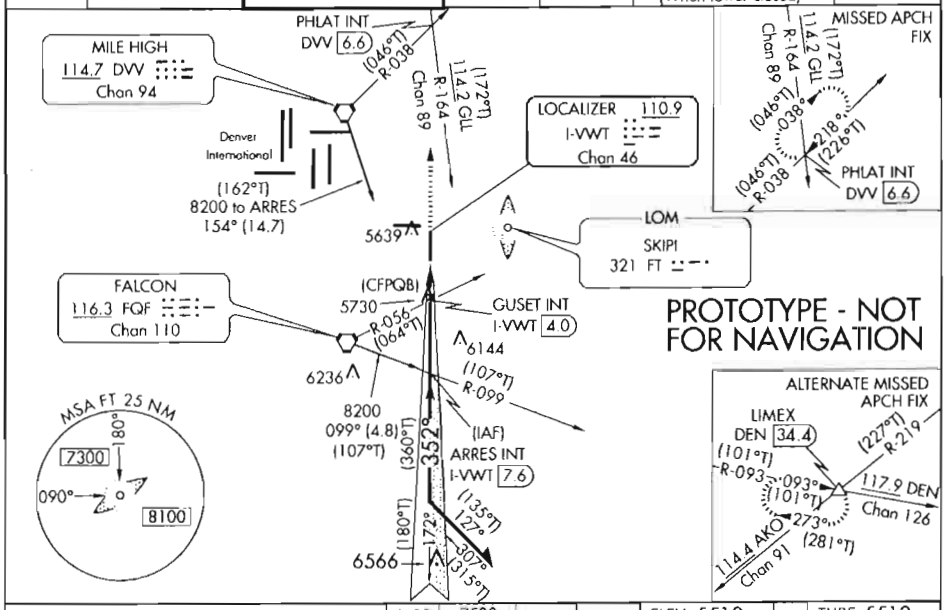
LOC/DME I-VWT	APP CRS	Rwy Idg	8000
110.9	352°	THRE	5512
Chan 46		Apt Elev	5512

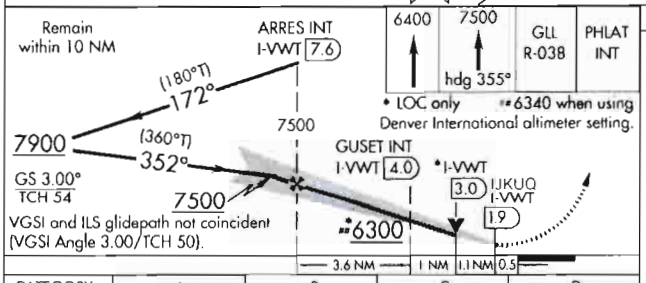
When local altimeter setting not received, use Denver International altimeter setting and increase all DA 29 feet and all MDA 40 feet, increase S-LOC 35 Cats C and D visibility NA ⅛ mile. Circling Cats A and D visibility¼ mile. GUSET fix minimums S-LOC 35 Cats C and D¼mile, and Circling Cat C⅛ mile. For inoperative MALSR, increase S-LOC 35 Cats C and D visibility to 2½ miles. For inoperative MALSR, when using Denver International altimeter setting increase S-LOC 35 Cats C and D visibility to 2½ miles and GUSET fix minimums S-LOC 35 Cats C and D visibility to 1⅜mile. VDP NA with Denver International altimeter setting.

MALSR

MISSED APPROACH: Climb to 7500 on heading 352° and GLL VOR/DME R-164 to PHLAT INT/DVV 6.6 DME and hold.

ATIS	DENVER APP CON	FRONT RANGE TOWER*	GND CON	CLNC DEL	DENVER CLNC DEL	UNICOM
119.025	128.25 371.95	120.2 (CTAF)	124.7	124.7	121.75 (When tower closed)	122.95

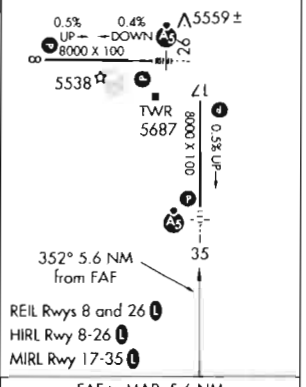




6400	7500	GLL R-038	PHLAT INT
	hdg 355°		

* LOC only #6340 when using Denver International altimeter setting.

ELEV 5512	THRE 5512



CATEGORY	A	B	C	D
S-ILS 35	5712-½ 200 (200-½)			
S-LOC 35	6300-½ 788 (800-½)	6300-¾ 788 (800-¾)	6300-1¾ 788 (800-1¾)	
CIRCLING	6300-1 788 (800-1)	6300-1¼ 788 (800-1¼)	6300-2½ 788 (800-2½)	
GUSET FIX MINIMUMS				
S-LOC 35	6040-½ 528 (600-½)		6040-1 528 (600-1)	
CIRCLING	6040-1 528 (600-1)		6040-1½ 528 (600-1½)	6080-2 568 (600-2)

FAF to MAP 5.6 NM

Knots	60	90	120	150	180
Min:Sec	5:36	3:44	2:48	2:14	1:52

39°47'N-104°33'W

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : AKRON	City : AKRON	Ident : AKO	State : CO
Type/Class : DME	Frequency : M1178	Reference No.: 11128126	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 704171-010	219	0	45	85	180

Requirement: AIRWAY FIX LIMEX FOR V148, V263, V611		
Signature: Peterson Stephen	Routing Symbol:	Date: 12/16/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704171-010	219	0	45	85	180	APPROVE

Requirement/Remarks: AIRWAY FIX LIMEX FOR V148, V263, V611APPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.		
Signature: pham Vu	Routing Symbol:	Date: 12/19/2011

Expanded Service Volume Data: (Super FMO)

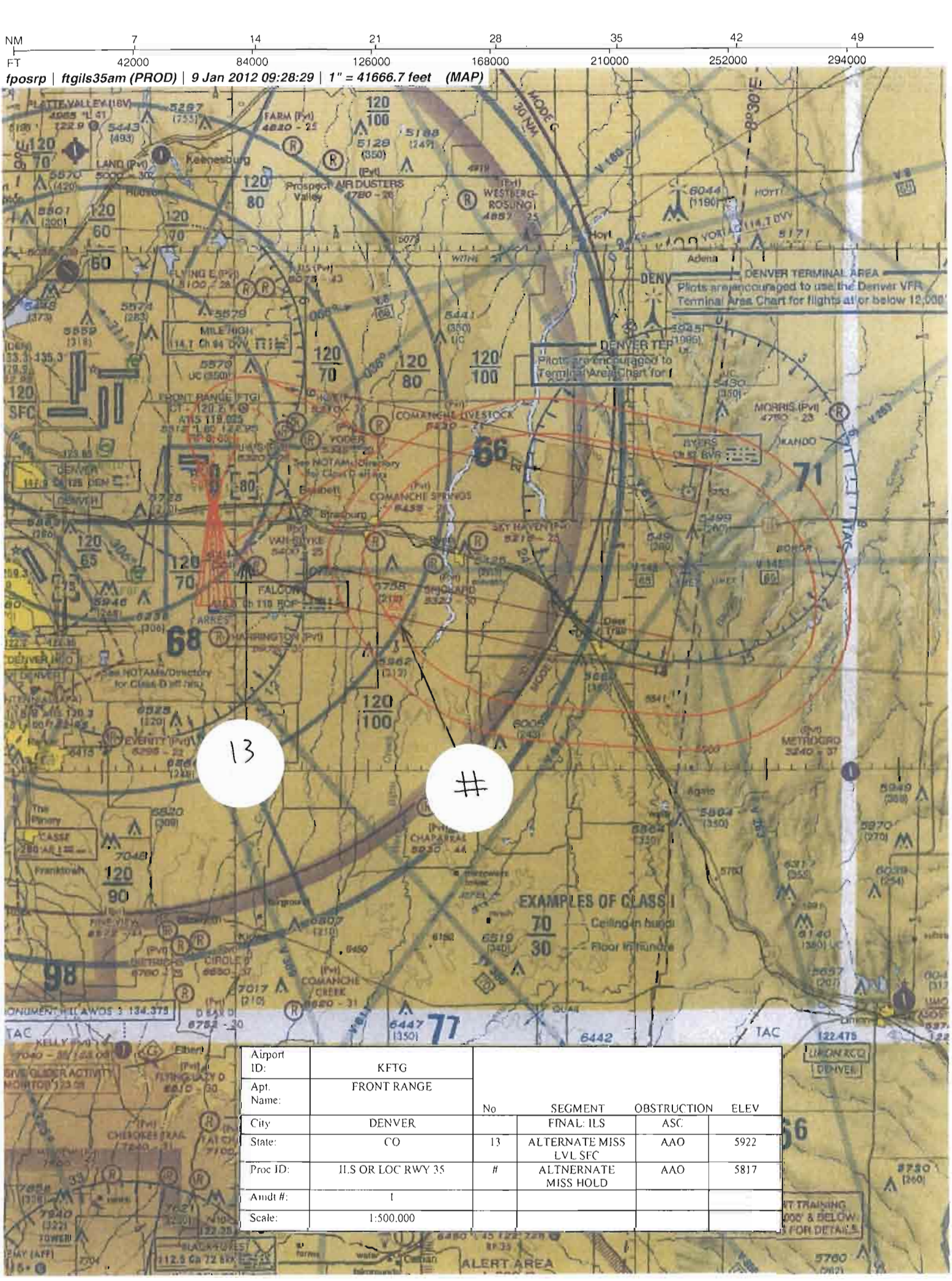
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704171-010	219	0	45	85	180	APPROVE

Requirement/Remarks: AIRWAY FIX LIMEX FOR V148, V263, V611APPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.		
Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 12/20/2011

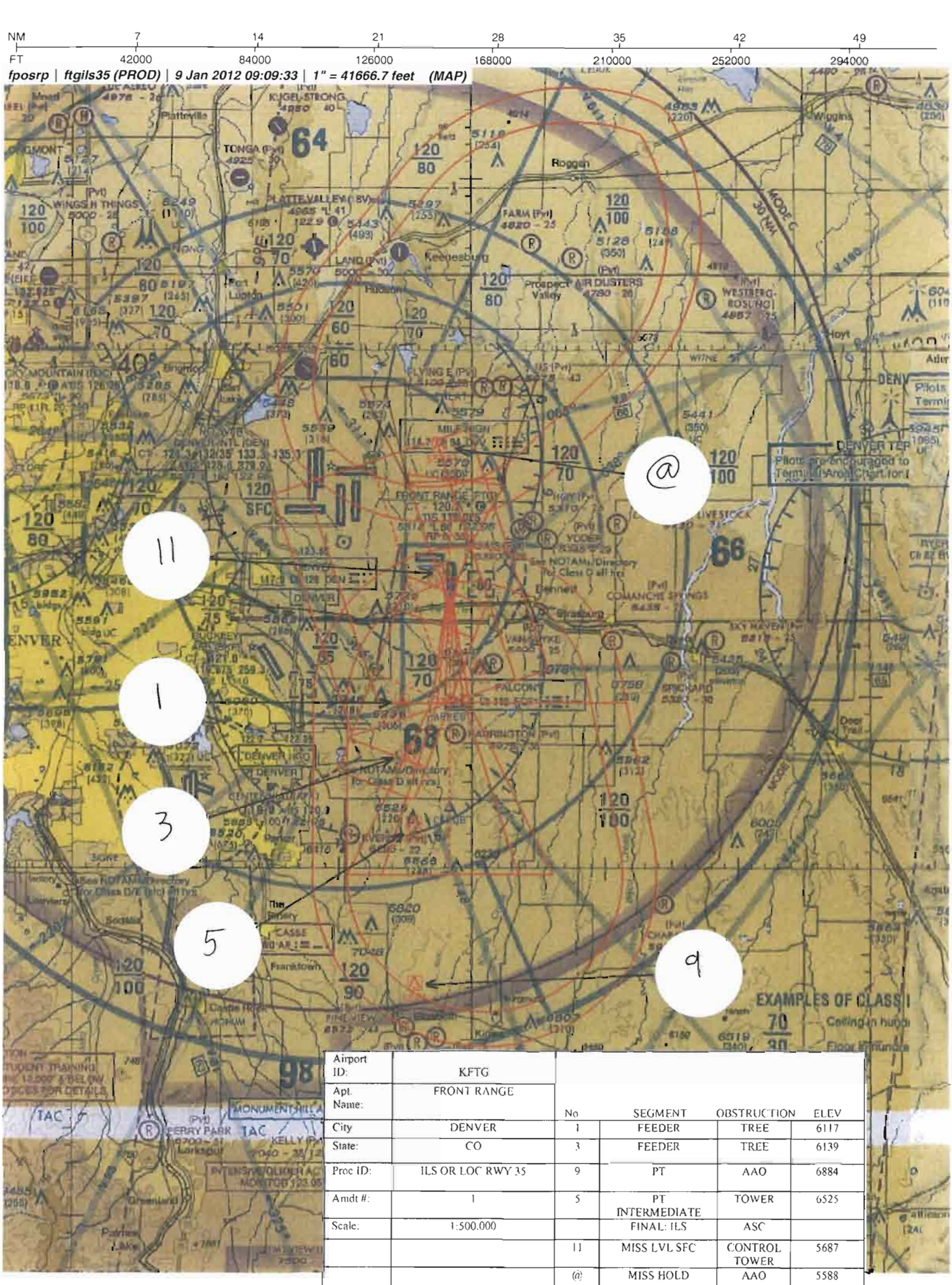
Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704171-010	219	0				

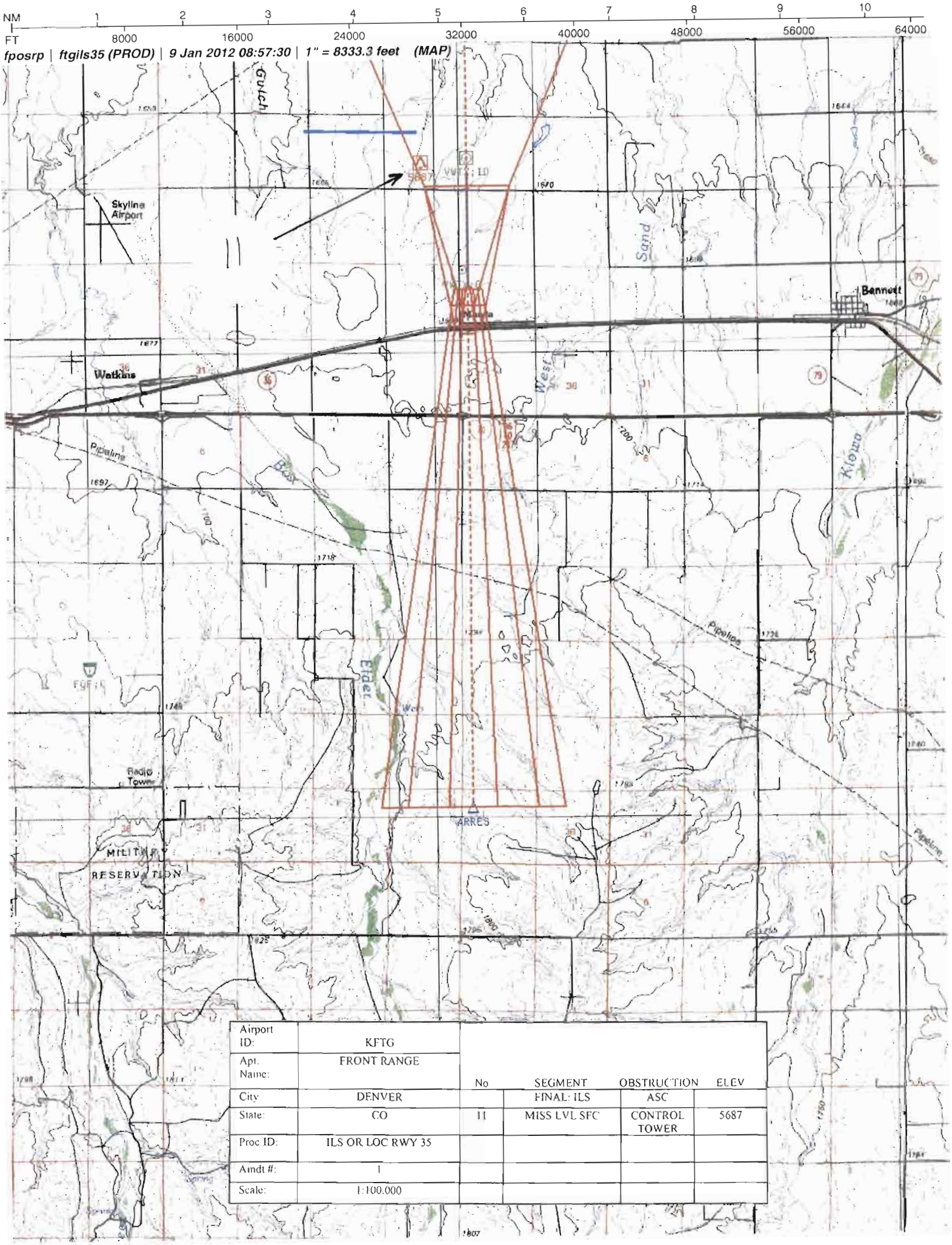
Requirement/Remarks:		
Signature:	Routing Symbol:	Date:



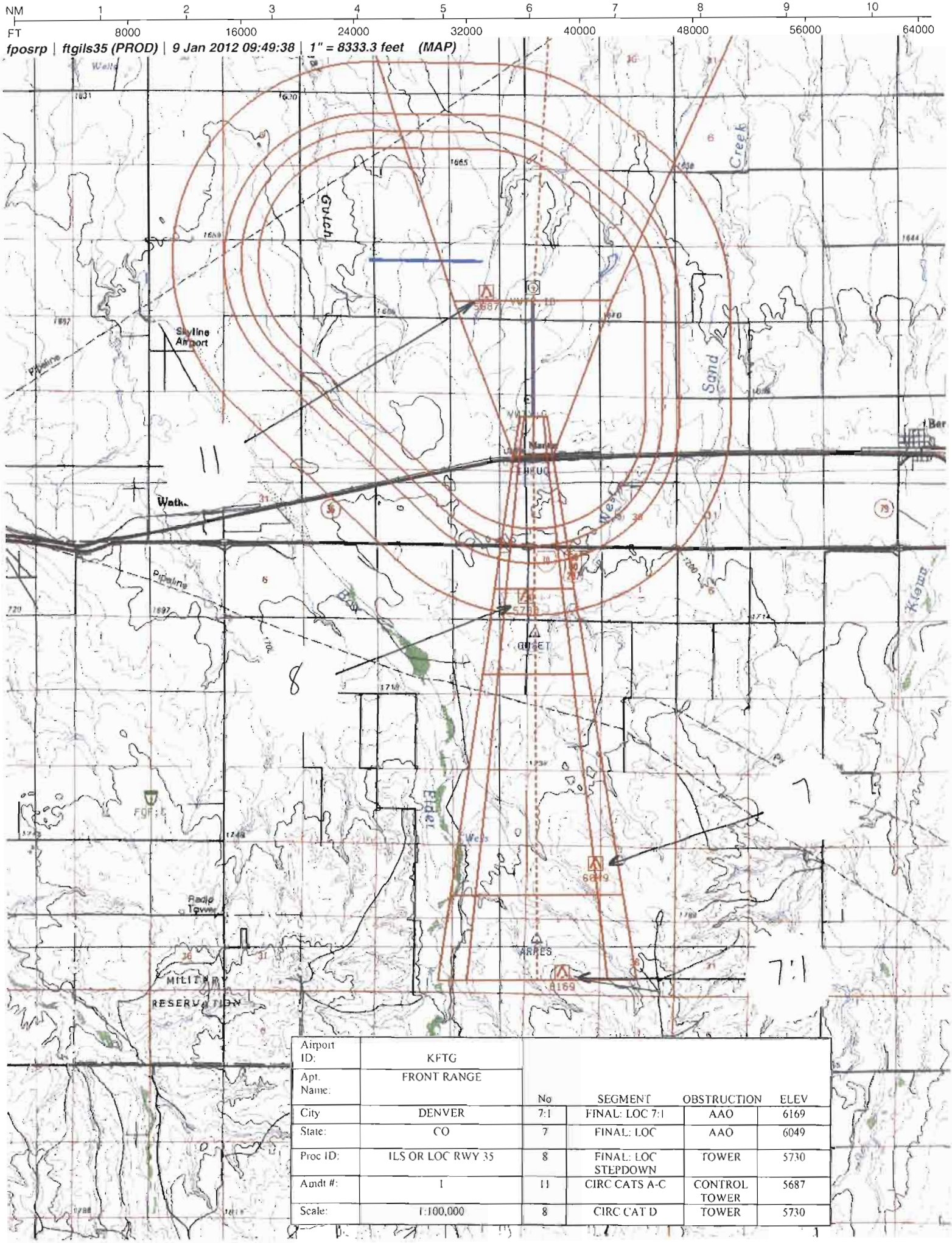
Airport ID:	KFTG				
Apt. Name:	FRONT RANGE	No	SEGMENT	OBSTRUCTION	ELEV
City	DENVER		FINAL: ILS	ASC	
State:	CO	13	ALTERNATE MISS LVL SFC	AAO	5922
Proc ID:	ILS OR LOC RWY 35	#	ALTNERNATE MISS HOLD	AAO	5817
Amdt #:	1				
Scale:	1:500.000				



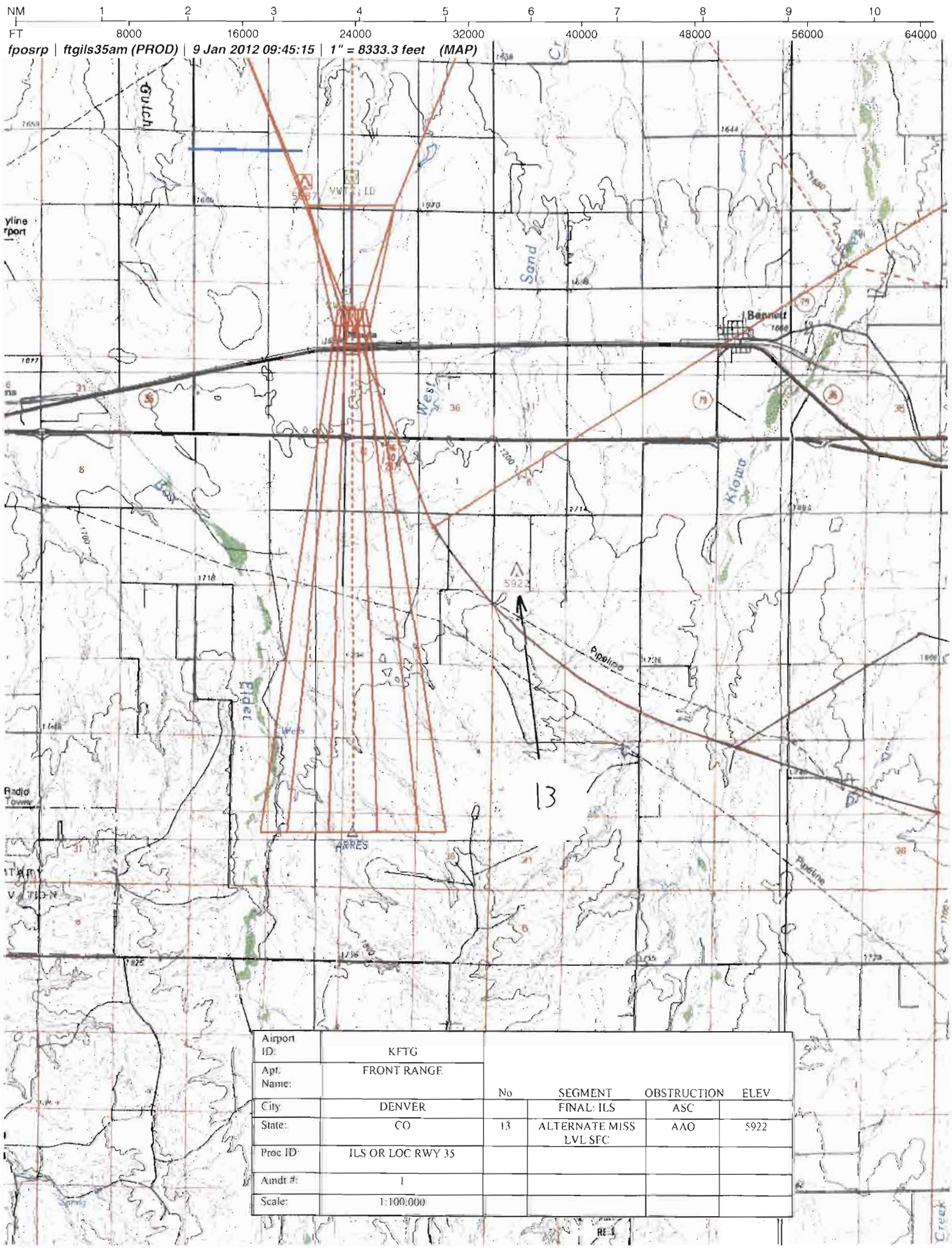
Airport ID:	KFTG				
Apt. Name:	FRONT RANGE	No	SEGMENT	OBSTRUCTION	ELEV
City	DENVER	1	FEEDER	TREE	6117
State:	CO	3	FEEDER	TREE	6139
Proc ID:	ILS OR LOC RWY 35	9	PT	AAO	6884
Amdt #:	1	5	PT INTERMEDIATE	TOWER	6525
Scale:	1:500.000		FINAL: ILS	ASC	
		11	MISS LVL SFC	CONTROL TOWER	5687
		@	MISS HOLD	AAO	5588



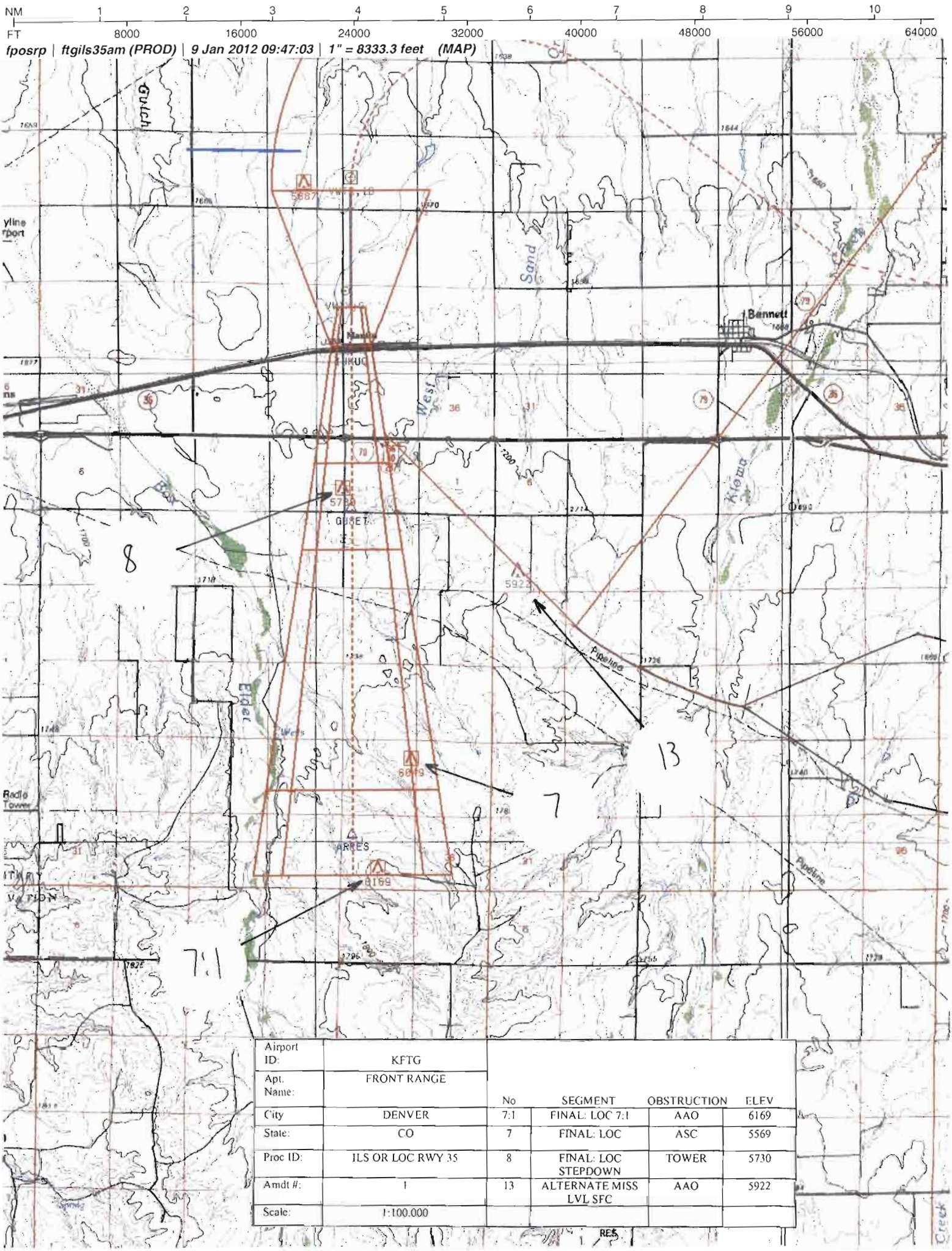
Airport ID:	KFTG				
Apt. Name:	FRONT RANGE	No	SEGMENT	OBSTRUCTION	ELEV
City	DENVER		FINAL: ILS	ASC	
State:	CO	11	MISS LVL SFC	CONTROL TOWER	5687
Proc ID:	ILS OR LOC RWY 35				
Amdt #:	1				
Scale:	1:100,000				



Airport ID:	KFTG				
Apt. Name:	FRONT RANGE				
		No	SEGMENT	OBSTRUCTION	ELEV
City	DENVER	7:1	FINAL: LOC 7:1	AAO	6169
State:	CO	7	FINAL: LOC	AAO	6049
Proc ID:	ILS OR LOC RWY 35	8	FINAL: LOC STEPDOWN	TOWER	5730
Amdt #:	1	11	CIRC CATS A-C	CONTROL TOWER	5687
Scale:	1:100,000	8	CIRC CAT D	TOWER	5730



Airport ID:	KFTG				
Apt. Name:	FRONT RANGE	No	SEGMENT	OBSTRUCTION	ELEV
City:	DENVER		FINAL: ILS	ASC	
State:	CO	13	ALTERNATE MISS LVL SFC	AAO	5922
Proc ID:	ILS OR LOC RWY 35				
Amdt #:	1				
Scale:	1:100,000				



Airport ID:	KFTG
Apt. Name:	FRONT RANGE
City	DENVER
State:	CO
Proc ID:	ILS OR LOC RWY 35
Amdt #:	1
Scale:	1:100.000

No	SEGMENT	OBSTRUCTION	ELEV
7:1	FINAL: LOC 7:1	AAO	6169
7	FINAL: LOC	ASC	5569
8	FINAL: LOC STEPDOWN	TOWER	5730
13	ALTERNATE MISS LVL SFC	AAO	5922

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
DVV VORTAC	ARRES INT/I-VWT 7.56 DME	153.57 / 14.68	8200
FQF VORTAC	ARRES INT/I-VWT 7.56 DME	099.35 / 4.78	8200

MISSED APPROACH

ILS: DA
LOC: 5.61 MILES AFTER ARRES INT/I-VWT 7.56 DME OR AT IJKUQ/ I-VWT 1.94 DME FIX

CLIMB TO 7500 ON HEADING 351.99 AND ON GLL VOR/DME R-164 TO PHLAT INT/DVV 6.60 DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 6400 THEN CLIMBING RIGHT TURN TO 9000 ON HEADING 140.00 AND DEN VOR/DME R-093 TO LIMEX INT/DEN 34.44 DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 217.66 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W LIMEX INT/DEN 34.44 DME, RT, 093.44 INBOUND.
CHART FAS OBST: 5730 TOWER 394339N/1043135W
OBST: 6169 AAO 393915N/1043104W
CHART VDP AT 2.99 DME*;
DISTANCE VDP TO THLD 1.50 MILES.
*LOC ONLY.
CHART IN PLANVIEW: LIMEX INT/FQF 31.92 DME.
CHART IN PLANVIEW: (CFPQB) AT 393344.30N/1043127.06W.
CHART: DENVER INTERNATIONAL.

1. PT L SIDE OF COURSE 171.99 OUTBOUND 7900 FT WITHIN 10 MILES OF ARRES (IAF)
2.
3. FAC: 351.99 FAF: ARRES INT/I-VWT 7.56 DME DIST FAF TO MAP: 5.61 THLD: 6.07
4. MIN. ALT: ARRES 7500, GUSET INT/I-VWT 3.98 DME 6300* ##
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1140
6. MIN GS INCPT: 7500 GS ALT AT: ARRES 7500 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 54.4 34:1 IS CLEAR
8. MSA FROM: FT LOM 360-270 8100, 270-360 7300

MAG VAR: 8E EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT
ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 35	5712	1/2	200	5712	1/2	200	5712	1/2	200	5712	1/2	200			
S-LOC 35	6300	1/2	788	6300	3/4	788	6300	1 3/4	788	6300	1 3/4	788			
CIRCLING	6300	1	788	6300	1 1/4	788	6300	2 1/2	788	6300	2 1/2	788			
GUSET FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED)															
S-LOC 35	6040	1/2	528	6040	1/2	528	6040	1	528	6040	1	528			
CIRCLING	6040	1	528	6040	1	528	6040	1 1/2	528	6080	2	568			

NOTES:
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
##6340 WHEN USING DENVER INTERNATIONAL ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DENVER INTERNATIONAL ALTIMETER SETTING AND INCREASE ALL DA 29 FEET AND ALL MDA 40 FEET; INCREASE S-LOC 35 CATS C AND D VISIBILTY 1/8
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 5512 THRE: 5512 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DENVER, CO	FRONT RANGE	I-VWT	ILS OR LOC RWY 35, AMDT 1, 11/15/2012	AMDT: ORIG-A
				DATED 07/02/2009

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] ZDV, DEN APP CON, FTG TOWER, AMGR

FLIGHT CHECKED BY

NAME:	FIFO	DATE:
PENDING		

DEVELOPED BY

NAME:	FIFO	DATE:
ADOLFO URRUTIA (STEPHEN PETERSON)	AJV-354	12/27/2011

APPROVED BY

NAME:		FIFO	DATE:
DEZ SILAGYI	MANAGER	AJV-354	

CHANGES:

1. CHANGED FAC FROM 348.99 TO 351.99 AND PT OUTBOUND FROM 169 TO 171.99.
2. INCREASE PT ALTITUDE FROM 7700 TO 7900.
3. INCREASE TCH FROM 54.3 TO 54.4.
4. COMBINED NORTHEAST AND SOUTHERN MSA SECTORS.
5. DIST FAF TO MAP INCREASED FROM 5.34 TO 5.61 AND THLD FROM 5.80 TO 6.07.
6. INCREASED LOC ALL CATS AND CIRCLING CATS A-C MDA FROM 6220 TO 6300 AND GUSET FIX MINIMUMS LOC ALL CATS AND CIRCLING CATS A-C MDA FROM 6000 TO 6040.
7. INCREASED GUSET BACKUP ALTIMETER NOTE FROM 6260 TO 6340.
8. ADDED VDP TO PROCEDURE.
9. ADDED CFPQB TO PROCEDURE.
10. DVV TO ARRES CRS/DIST CHANGED FROM 150.23/14.42 TO 153.57/14.68.
11. FQF TO ARRES CRS/DIST CHANGED FROM 096.24/4.69 TO 099.35/4.78.

REASONS:

1. I-VWT MAGVAR CHANGED FROM 11E 1995 TO 8E 2015.
2/6. NEW CONTROLLING OBSTACLE.
3. NEWER SURVEY ON FILE.
4. 8260.3B CHG 20 PARA 221A; SECTOR ALTITUDES WERE WITHIN 300FT OF EACH OTHER.
5/10/11. ARRES MOVED TO BE COLLOCATED WITH PFAF.
7. LOC MDA INCREASED.
8. PROCEDURE HAS DME AND NO 20:1 VISUAL PENETRATIONS.
9. ARINC CODING PURPOSES.

02/29/2012: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/27/2011.
1. ADDED DUAL VOR RECEIVERS OR DME REQUIRED TO GUSET FIX MINIMUMS.
2. CHANGED EFFECTIVE DATE FROM ROUTINE TO 05/31/2012.
3. CHANGED MISSED HOLDING FROM 218.66 TO 217.66 INBOUND.
4. CHANGED LIMEZ DME REFERENCE FROM FQF 31.92 TO DEN 34.44.
5. CHANGED MISSED APPROACH BLOCK FROM SHOWING ARRES INT/VWT 7.56 DME TO ARRES INT/I-VWT 7.56 DME.

06/212012: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/27/2011.
1. CHANGED REQUIRED EFFECTIVE DATE FROM 05/31/2012 TO 11/15/2012.

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

NOTES, (CONT.):
MILE, CIRCLING CATS A AND D VISIBILTY 1/4 MILE, GUSET FIX MINIMUMS S-LOC 35 CATS C AND D 1/4 MILE, AND CIRCLING CAT C 1/8 MILE.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 35 CATS C AND D VISIBILITY TO 2 1/2 MILES.
CHART NOTE: FOR INOPERATIVE MALSR, WHEN USING DENVER INTERATIONAL ALTIMETER SETTING INCREASE S-LOC 35 CATS C AND D VISIBILITY TO 2 1/2 MILES AND GUSET FIX MINIMUMS S-LOC 35 CATS C AND D VISIBILTY TO 1 5/8 MILE.
CHART NOTE: VDP NA WITH DENVER INTERNATIONAL ALTIMETER SETTING.

CITY AND STATE	ELEVATION: 5512 THRE: 5512	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DENVER, CO	AIRPORT NAME: FRONT RANGE	I-VWT	ILS OR LOC RWY 35, AMDT 1, 11/15/2012	AMDT: ORIG-A
				DATED: 07/02/2009

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
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR 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.

```
ARINC PACKET - 424-18 - ILS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        DEN   K2011790VDHW N39484505W104393866    N39484505W104393866E0080054522     NARDENVER
        SUSAD        DVV   K2011470VTHW N39534088W104372761    N39534088W104372761E0080052792     NARMILE HIGH
        SUSAD        FQF   K2011630VTHW N39412450W104371550    N39412450W104371550E0110057802     NARFALCON
        SUSAD        GLL   K2011420VDHW N40301393W104331086    N40301393W104331086E0130049002     NARGILL
        SUSAD KFTGK2 IVWT  K2011090 IT                     IVWTN39471815W104313194     054760     NARFRONT RANGE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ARRES K20    C     N39394449W104312714                        E0086     NAR           ARRES
        SUSAEAENRT   CFPQB K20    W     N39334430W104312706                        E0086     NAR           CNF(CFPQB)
        SUSAEAENRT   PHLAT K20    C     N39581772W104311921                        E0086     NAR           PHLAT

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFTGK2AFTG     0     080YHN39470690W104323530E008005512         1800018000C    MNAR    FRONT RANGE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFTGK2FI35   ADVV   010DVV  K2D 0V       IF                                                18000                  0 NS
        SUSAP KFTGK2FI35   ADVV   020ARRESK2EA0E       TF                                     + 08200                           0 NS
        SUSAP KFTGK2FI35   ADVV   030ARRESK2EA0EE AR   PI DEN K2      1369011012700100D   + 07900                           0 NS
        SUSAP KFTGK2FI35   AFQF   010FQF  K2D 0V       IF                                                18000                  0 NS
        SUSAP KFTGK2FI35   AFQF   020ARRESK2EA0E       TF                                     + 08200                           0 NS
        SUSAP KFTGK2FI35   AFQF   030ARRESK2EA0EE AR   PI DEN K2      1369011012700100D   + 07900                           0 NS
        SUSAP KFTGK2FI35   I      010CFPQBK2EA0E  I    IF IVWTK2      17200136        PI  J 079000750018000                  0 NS
        SUSAP KFTGK2FI35   I      020ARRESK2EA0E  F    CF IVWTK2      1720007635200060PI  H 0750007500        -300FT    K2PN0 NS
        SUSAP KFTGK2FI35   I      030RW35 K2PG0GY M    CF IVWTK2      1720001535200061PI    05566             -300          0 NS
        SUSAP KFTGK2FI35   I      040         0  M     VI                      3520                                          0 NS
        SUSAP KFTGK2FI35   I      050PHLATK2EA0EY      CF GLL K2      1644031934440020D   + 07500                           0 NS
        SUSAP KFTGK2FI35   I      060PHLATK2EA0EE  R   HM                      2187T010    + 07500                           0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFTGK2GRW35    0080003520 N39454910W104312722-0500    +1662705512000054100IIVWT1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
```

CITY AND STATE	ELEVATION: 5512 THRE: 5512	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DENVER, CO	AIRPORT NAME: FRONT RANGE	I-VWT	ILS OR LOC RWY 35, AMDT 1, 11/15/2012	AMDT: ORIG-A
				DATED: 07/02/2009

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 KFTGK2IIVWT1   011090RW35 N39471820W1043127253520N39460036W1043132351018 11400440300E00805405503
------------------------------------------------------------------------------------------------------------------------------
                  1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KFTGK2SFT   K2PN                0   1800900812509018007325                                                          M
------------------------------------------------------------------------------------------------------------------------------
                  1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAPNKFTGK2 FT    K2003210HOLW N39473070W104260320                      E0080          NARSKIPI
```

CITY AND STATE	ELEVATION: 5512 THRE: 5512	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DENVER, CO	AIRPORT NAME: FRONT RANGE	I-VWT	ILS OR LOC RWY 35, AMDT 1, 11/15/2012	AMDT: ORIG-A
				DATED: 07/02/2009

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:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR 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.

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	DVV	DVV	010		IF		FB					
	DVV	ARRES	020		TF		FB				AA 08200	
	DVV	ARRES	030	IAF	PI	R	FB		127.0()	010.0	AA 07900	
	FQF	FQF	010		IF		FB					
	FQF	ARRES	020		TF		FB				AA 08200	
	FQF	ARRES	030	IAF	PI	R	FB		127.0()	010.0	AA 07900	
		CFPQB	010	FACF	IF		FB				AA 07900 GI 07500	
		ARRES	020	FAF	CF		FB		352.0()	006.0	GI 07500 GS 07500	
		RW35	030	MAP	CF		FO		352.0()	006.1	AT 05566	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		VI		FB		352.0()			
	PHLAT	050		CF		FO		344.4()	002.0	AA 07500	
	PHLAT	060		HM	R	FO		218.7()	T01.0	AA 07500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DEN	N394845.05	W1043938.66	N3948.751	W10439.644
	DVV	N395340.88	W1043727.61	N3953.681	W10437.460
	FQF	N394124.50	W1043715.50	N3941.408	W10437.258
	GLL	N403013.93	W1043310.86	N4030.232	W10433.181
	IVWT (DME)	N394718.15	W1043131.94	N3947.303	W10431.532
	ARRES	N393944.49	W1043127.14	N3939.742	W10431.452
	CFPQB	N393344.30	W1043127.06	N3933.738	W10431.451
	PHLAT	N395817.72	W1043119.21	N3958.295	W10431.320
	RW35	N394549.10	W1043127.22	N3945.818	W10431.454
	IVWT (LOC)	N394718.20	W1043127.25	N3947.303	W10431.454
	FT	N394730.70	W1042603.20	N3947.512	W10426.053

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	05512	54

CITY AND STATE	ELEVATION: **5512** THRE: **5512**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DENVER, CO	AIRPORT NAME: **FRONT RANGE**	**I-VWT**	**ILS OR LOC RWY 35, AMDT 1, 11/15/2012**	AMDT: **ORIG-A**
				DATED: **07/02/2009**

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:

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  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        DEN   K2011790VDHW N39484505W104393866    N39484505W104393866E0080054522     NARDENVER
        SUSAD        DVV   K2011470VTHW N39534088W104372761    N39534088W104372761E0080052792     NARMILE HIGH
        SUSAD        FQF   K2011630VTHW N39412450W104371550    N39412450W104371550E0110057802     NARFALCON
        SUSAD        GLL   K2011420VDHW N40301393W104331086    N40301393W104331086E0130049002     NARGILL
        SUSAD KFTGK2 IVWT  K2011090 IT                    IVWTN39471815W104313194     054760     NARFRONT RANGE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ARRES K20    C     N39394449W104312714                    E0086     NAR          ARRES
        SUSAEAENRT   CFPQB K20    W     N39334430W104312706                    E0086     NAR          CNF(CFPQB)
        SUSAEAENRT   GUSET K20    C     N39431898W104312719                    E0086     NAR          GUSET
        SUSAEAENRT   IJKUQ K20    R     N39452148W104312721                    E0086     NAR          IJKUQ
        SUSAEAENRT   PHLAT K20    C     N39581772W104311921                    E0086     NAR          PHLAT

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFTGK2AFTG     0     080YHN39470690W104323530E008005512         1800018000C    MNAR    FRONT RANGE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFTGK2FL35   ADVV   010DVV  K2D 0V       IF                                                18000                 0 NS
        SUSAP KFTGK2FL35   ADVV   020ARRESK2EA0E       TF                                     + 08200                          0 NS
        SUSAP KFTGK2FL35   ADVV   030ARRESK2EA0EE AR   PI DEN K2      1369011012700100D    + 07900                          0 NS
        SUSAP KFTGK2FL35   AFQF   010FQF  K2D 0V       IF                                                18000                 0 NS
        SUSAP KFTGK2FL35   AFQF   020ARRESK2EA0E       TF                                     + 08200                          0 NS
        SUSAP KFTGK2FL35   AFQF   030ARRESK2EA0EE AR   PI DEN K2      1369011012700100D    + 07900                          0 NS
        SUSAP KFTGK2FL35   L      010CFPQBK2EA0E  I    IF IVWTK2      17200136         PI  + 07900     18000                 0 NS
        SUSAP KFTGK2FL35   L      020ARRESK2EA0E  F    CF IVWTK2      1720007635200060PI   + 07500                FT    K2PN0 NS
        SUSAP KFTGK2FL35   L      021GUSETK2EA0E S     CF IVWTK2      1720004035200036PI   + 06300            -301          0 NS
        SUSAP KFTGK2FL35   L      030IJKUQK2EA0EY M    CF IVWTK2      1720001935200020PI     05713            -301          0 NS
        SUSAP KFTGK2FL35   L      040         0  M     VI                      3520                                          0 NS
        SUSAP KFTGK2FL35   L      050PHLATK2EA0EY      CF GLL K2      1644031934440020D    + 07500                          0 NS
        SUSAP KFTGK2FL35   L      060PHLATK2EA0EE  R   HM                      2187T010    + 07500                          0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFTGK2GRW35    0080003520 N39454910W104312722-0500    +1662705512000054100IIVWT1
```

CITY AND STATE	ELEVATION: 5512 THRE: 5512	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DENVER, CO	AIRPORT NAME: FRONT RANGE	I-VWT	ILS OR LOC RWY 35, AMDT 1, 11/15/2012	AMDT: ORIG-A
				DATED: 07/02/2009

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:

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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFTGK2IIVWT1   011090RW35 N39471820W1043127253520N39460036W1043132351018 11400440300E00805405503

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFTGK2SFT   K2PN                0   1800900812509018007325                                                                M

                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAPNKFTGK2 FT    K2003210HOLW N39473070W104260320                      E0080          NARSKIPI
```

CITY AND STATE	ELEVATION: 5512 THRE: 5512	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DENVER, CO	AIRPORT NAME: FRONT RANGE	I-VWT	ILS OR LOC RWY 35, AMDT 1, 11/15/2012	AMDT: ORIG-A
				DATED: 07/02/2009

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:

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 SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	DVV	DVV	010		IF		FB					
	DVV	ARRES	020		TF		FB				AA 08200	
	DVV	ARRES	030	IAF	PI	R	FB		127.0()	010.0	AA 07900	
	FQF	FQF	010		IF		FB					
	FQF	ARRES	020		TF		FB				AA 08200	
	FQF	ARRES	030	IAF	PI	R	FB		127.0()	010.0	AA 07900	
		CFPQB	010	FACF	IF		FB				AA 07900	
		ARRES	020	FAF	CF		FB		352.0()	006.0	AA 07500	
		GUSET	021	SDF	CF		FB		352.0()	003.6	AA 06300	
		IJKUQ	030	MAP	CF		FO		352.0()	002.0	AT 05713	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		VI		FB		352.0()			
	PHLAT	050		CF		FO		344.4()	002.0	AA 07500	
	PHLAT	060		HM	R	FO		218.7()	T01.0	AA 07500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DEN	N394845.05	W1043938.66	N3948.751	W10439.644
	DVV	N395340.88	W1043727.61	N3953.681	W10437.460
	FQF	N394124.50	W1043715.50	N3941.408	W10437.258
	GLL	N403013.93	W1043310.86	N4030.232	W10433.181
	IVWT (DME)	N394718.15	W1043131.94	N3947.303	W10431.532
	ARRES	N393944.49	W1043127.14	N3939.742	W10431.452
	CFPQB	N393344.30	W1043127.06	N3933.738	W10431.451
	GUSET	N394318.98	W1043127.19	N3943.316	W10431.453
	IJKUQ	N394521.48	W1043127.21	N3945.358	W10431.454
	PHLAT	N395817.72	W1043119.21	N3958.295	W10431.320
	RW35	N394549.10	W1043127.22	N3945.818	W10431.454
	IVWT (LOC)	N394718.20	W1043127.25	N3947.303	W10431.454
	FT	N394730.70	W1042603.20	N3947.512	W10426.053

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	05512	54

CITY AND STATE	ELEVATION: **5512**	**THRE: 5512**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DENVER, CO	AIRPORT NAME: **FRONT RANGE**		**I-VWT**	**ILS OR LOC RWY 35, AMDT 1, 11/15/2012**	AMDT: **ORIG-A**
					DATED: **07/02/2009**

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.
FEEDER	DVV VORTAC	ARRES INT/I-VWT	1. TREE	393924.00N/1043503.00W	6117 (4E)	2000		8200
		7.56 DME	2. TERRAIN	393924.00N/1043503.00W	6067 (6100)		AS1500	7600
FEEDER	FQF VORTAC	ARRES INT/I-VWT	3. TREE	393626.50N/1043434.00W	6139 (2C)	2000		8200
		7.56 DME	4. TERRAIN	393626.50N/1043434.00W	6089 (6100)		AS1500	7600
INTERMEDIATE: PT	10 NM	ARRES INT/I-VWT	5. TOWER (08-000504)	393219.00N/1043411.00W	6525 (5D)	500	AT475	7500
		7.56 DME	6. TERRAIN	392945.00N/1043636.00W	6316 (6300)		AS1000	7300
FINAL: ILS	ARRES INT/I-VWT	RW35				ASC		5712/200
	7.56 DME							
FINAL: LOC	ARRES INT/I-VWT	GUSET INT/I-VWT	7. AAO	394031.00N/1043033.55W	6049 (2C)	250		6300
	7.56 DME	3.98 DME						
FINAL: LOC STEPDOWN	GUSET INT/I-VWT	5.61 MILES AFTER	8. TOWER (08-000851)	394339.00N/1043135.00W	5730 (5D)	250	AC50	6040
	3.98 DME	ARRES INT/VWT						
		7.56 DME OR AT						
		IJKUQ/I-VWT						
		1.94 DME FIX						
2. PROCEDURE TURN	ARRES	10 NM	9. AAO	392300.00N/1043406.00W	6884 (4E)	1000		7900
			10. TERRAIN	392300.00N/1043406.00W	6684 (6700)		AS1000	7700
3. MISSED APPROACH MAP:	DA / 5.61 MILES	PHLAT INT/DVV				ASC		7500
	AFTER ARRES	6.60 DME	11. CTRL TOWER	394710.30N/1043209.10W	5687 (4D)	1000		6700
ELEV:	5544/5790		12. TERRAIN	394524.00N/1043139.00W	5545 (5500)		AS1000	6500

4. CIRCLING AREA	DISTANCE	REQUIRED	ACTUAL	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
CATEGORY A	1.3 NM	350	788 / 528	11. CTRL TOWER	394710.30N/1043209.10W	5687 (4D)	300	SI / AC50	6300 / 6040
CATEGORY B	1.5 NM	450	788 / 528	11. CTRL TOWER	394710.30N/1043209.10W	5687 (4D)	300	SI / AC50	6300 / 6040
CATEGORY C	1.7 NM	450	788 / 528	11. CTRL TOWER	394710.30N/1043209.10W	5687 (4D)	300	SI / AC50	6300 / 6040
CATEGORY D	2.3 NM	550	788 / 568	8. TOWER (08-000851)	394339.00N/1043135.00W	5730 (5D)	300	SI / AC50	6300 / 6080
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: FT LOM

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-270	TWR (08-000111)	197/ 24.5	7048 (2B)	8100					
270-360	TWR (08-000677)	302/ 28.3	6249 (3C)	7300					

CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
DENVER, CO	ELEVATION: 5512 FRONT RANGE	I-VWT	ILS OR LOC RWY 35, AMDT 1	ANM

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
ZDV ARTCC DEN APP CON FTG TOWER	N W S	OTHER: AWOS-3	SOURCE: KFTG / KDEN
	F A A		DISTANCE: 0 / 7.56
SATISFACTORY ON:	A / C		HOURS REMOTE OPERATION: 24 / 24
X V H F X U H F H F	LOCATION: KFTG		ADJUSTMENT: 0 / 29

4. MONITOR STATUS	PRIMARY NAVAID: I-VWT		
	MONITOR POINT:		
	HRS OPTN:	CAT 1	
		CAT 3	24

5. APPROACH & RUNWAY LIGHTING	
	ALS
	(S) SALS
X	MALSR 35 (PCL), 26 (PCL)
X	HIRL 08 (PCL), 26 (PCL)
X	MIRL 17 (PCL), 35 (PCL)
X	REIL 17 (PCL), 08 (PCL)
	TDZ
	C/LINE
X	OTHER (SPECIFY) PAPI-2L 08 (PCL), 26 (PCL) PAPI-4L 17 (PCL), 35 (PCL)

6. RUNWAY MARKINGS	BASIC BSC-G 08	
	ALL WEATHER PIR-G 26; -F 17, 35	
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 5511.5
	DISTANCE FROM RWY: 1140	ELEV GP ANTENNA: 5506.1
		THRESHOLD CROSSING HEIGHT: 54.4

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

10. WAIVERS: NONE

PART D - PREPARED BY: ADOLFO URRUTIA (STEPHEN PETERSON)	DATE: 12/27/2011
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-354

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TERPS PARAGRAPH 289 APPLIED TO 6169 AAO
393915N/1043104W

RASS PRESSURE PATTERNS SAME
KFTG 5512FT, KDEN 5431FT
RA = 28.34FT.
SEE ATTACHED AIRSPACE LETTER.

MOUNTAINOUS REDUCTION APPLIED FOR OBS #1 AND #3.

OBS #7 IS LOCATED 51.56FT INTO SECONDARY; FULL ROC APPLIED.

USED 50FT VEGETATION HEIGHT; RETAINED FROM PREVIOUS REVISION.

REQUEST FC 4D VERIFICATION OF OBS#11.

MISSED APPROACH OBSTACLES CONT.
ALTERNATE:
ASC 9000
13. AAO 394242.00N/1042857.00W 5922 (4E) 1000 7000
14. TERRAIN 394242.00N/1042857.00W 5722 (5700) AS1500
7200

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ARRES **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 393944.49N/1043127.14W **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	DENVER	I-VWT	LOC		171.99	179.99	7.56	7.56	45909	7500	9900
2	FALCON	FQF	VORTAC	H	099.35	110.35		4.78		7500	17500
3	MILE HIGH	DVV	VORTAC	H	153.57	161.57	14.68	14.68		8200	17500

HOLDING: **HOLDING TYPE OF ACTION:** CANCEL

REMARKS:
ESTABLISHED FIX COORDINATES USING 8260.54A FORMULA 2-16B.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35	1, 2, 3		KFTG	DENVER	CO (US)
IAP	RNAV (GPS) RWY 35			KFTG	DENVER	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:
UPDATED FIX COORDINATES; FIX MOVED 1652.35FT SOUTH.
ADDED WP TO FIX TYPE.
CHANGED FAC 1 TRUE BRG FROM 359.99 TO 179.99.
CHANGED FAC 1 DME FROM 7.26 TO 7.56.
ADDED DIST FROM FAC FOR FACS 1 AND 2 IN NM AND FEET.
LOWERED FAC 1 MAA FROM 14000 TO 9900.
CHANGED FAC 2 TRUE BRG FROM 107.24 TO 110.35.
RAISED FAC 2 MAA FROM 14000 TO 17500.
ADDED FAC 3.
REMOVED HOLDING.
ADDED PFAF FORMULA NOTE TO REMARKS.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 12/20/2011 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (STEPHEN PETERSON)

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

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: CFPQB **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 393344.30N/1043127.06W **TYPE:** CNF

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

REMARKS:
CNF USED TO IDENTIFY FACF FOR ARINC CODING.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35			KFTG	DENVER	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 12/20/2011 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (STEPHEN PETERSON)

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

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FALCON VORTAC **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 394124.50N/1043715.50W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	FALCON	FQF	VORTAC	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	SW	FQF	VORTAC	223.74	043.74	R	1		8000	14000	8	18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	393104.60N/1043946.90W	6615	6C
1	310	AAO	392543.60N/1045203.00W	6913	6C

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 26	KFTG	DENVER	CO (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ASPEN			KASE	ASPEN	CO (US)
DP	DENVER			KBKF	AURORA	CO (US)
DP	SPRINGS			KCOS	COLORADO SPRINGS	CO (US)
DP	DENVER			KAPA	DENVER	CO (US)
DP	DENVER			KBJC	DENVER	CO (US)
DP	DECI-BELLE			KDEN	DENVER	CO (US)
DP	DENVER			KDEN	DENVER	CO (US)
DP	DENVER			KFTG	DENVER	CO (US)
DP	DENVER			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	GRAND MESA			KGJT	GRAND JUNCTION	CO (US)
DP	DENVER			KGXY	GREELEY	CO (US)
DP	CANYON			KPUB	PUEBLO	CO (US)
EN ROUTE	J10					(US)
EN ROUTE	J116					(US)
EN ROUTE	J128					(US)
EN ROUTE	J13					(US)
EN ROUTE	J17					(US)
EN ROUTE	J20					(US)
EN ROUTE	J44					(US)
EN ROUTE	J52					(US)
EN ROUTE	J56					(US)
EN ROUTE	J80					(US)
EN ROUTE	V134					(US)
EN ROUTE	V148					(US)
EN ROUTE	V160					(US)
EN ROUTE	V366					(US)
EN ROUTE	V389					(US)
EN ROUTE	V85					(US)
EN ROUTE	V95					(US)
IAP	ILS OR LOC RWY 35R			KAPA	DENVER	CO (US)
IAP	NDB RWY 35			KAPA	DENVER	CO (US)
IAP	RNAV (GPS) RWY 28			KAPA	DENVER	CO (US)
IAP	RNAV (GPS) RWY 35R			KAPA	DENVER	CO (US)
IAP	ILS OR LOC R17L			KDEN	DENVER	CO (US)
IAP	ILS OR LOC RWY 07			KDEN	DENVER	CO (US)
IAP	ILS OR LOC RWY 08			KDEN	DENVER	CO (US)
IAP	ILS OR LOC RWY 16R			KDEN	DENVER	CO (US)
IAP	ILS OR LOC RWY 25			KDEN	DENVER	CO (US)
IAP	ILS OR LOC RWY 34L			KDEN	DENVER	CO (US)
IAP	ILS RWY 16L			KDEN	DENVER	CO (US)
IAP	ILS RWY 17R			KDEN	DENVER	CO (US)
IAP	ILS RWY 26			KDEN	DENVER	CO (US)
IAP	ILS RWY 34L (CAT II)			KDEN	DENVER	CO (US)
IAP	ILS RWY 34L (CAT III)			KDEN	DENVER	CO (US)
IAP	ILS RWY 34R			KDEN	DENVER	CO (US)
IAP	ILS RWY 34R (CAT II)			KDEN	DENVER	CO (US)

QUALITY 6 CHECKED

IAP	ILS RWY 34R (CAT III)		KDEN	DENVER	CO (US)
IAP	ILS OR LOC RWY 17		KFTG	DENVER	CO (US)
IAP	ILS OR LOC RWY 26	1	KFTG	DENVER	CO (US)
IAP	ILS OR LOC RWY 35		KFTG	DENVER	CO (US)
IAP	NDB RWY 26		KFTG	DENVER	CO (US)
IAP	RNAV (GPS) RWY 17		KFTG	DENVER	CO (US)
IAP	RNAV (GPS) RWY 26		KFTG	DENVER	CO (US)
IAP	RNAV (GPS) RWY 35		KFTG	DENVER	CO (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, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:
CHANGED HOLDING MAX TEMPLATE FROM 10 TO 18.
REMOVED PAT 2.
CHANGED PAT 1 230KT AND 310KT CONTROLLING OBSTACLE ACCURACY CODES FROM 6A TO 6C.
CHANGED PAT 1 INBOUND COURSE FROM 044.00 TO 043.74.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 12/15/2011 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (STEPHEN PETERSON)

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

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GUSET **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 394318.98N/1043127.19W **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	DENVER	I-VWT	LOC		171.99	179.99	3.98	3.98		6200	9900
2	FALCON	FQF	VORTAC	H	055.92	066.92		4.87		6200	17500

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

REMARKS:
DENVER (FAC 1) AND FALCON (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35	1, 2		KFTG	DENVER	CO (US)
IAP	RNAV (GPS) RWY 35			KFTG	DENVER	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:
UPDATED FIX COORDINATES; FIX MOVED 3037.60FT SOUTH.
ADDED WP TO FIX TYPE.
CHANGED FAC 1 FROM I-FZR TO I-VWT.
CHANGED FAC 2 TRUE BRG FROM 061.73 TO 066.92.
ADDED FAC 2 DISTANCE IN NM.
RAISED FAC 2 MRA FROM 6000 TO 6200.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 12/20/2011 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (STEPHEN PETERSON)

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

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: IJKUQ **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 394521.48N/1043127.21W **TYPE:** 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-VWT	LOC		171.99	179.99	1.94	1.94		6200	9900

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35	1		KFTG	DENVER	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 01/31/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (STEPHEN PETERSON)

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

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LIMEX **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 394146.55N/1035554.50W **TYPE:** WP, INT, DME

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	GILL	GLL	VOR/DME	H	136.23	149.23	56.24	56.24		7600	17500
2	AKRON	AKO	VOR/DME	H	218.82	231.82	44.31	44.31		8500	17500
3	FALCON	FQF	VORTAC	H	078.12	089.12	31.92	31.92		8500	17500
4	DENVER	DEN	VOR/DME	H	093.44	101.44	34.44	34.44		8500	17500
5	THURMAN	TXC	VORTAC	L	258.02	270.02		33.20		7500	17500
6	HUGO	HGO	VOR/DME	H	332.74	344.74		54.63		9000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
AKO	VOR/DME	R-219	45	8500	18000
GLL	VOR/DME	R-136	57	7600	17500
HGO	VOR/DME	R-333	55	9000	18000

FIX RESTRICTIONS:
MRA ALL 9000

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	W	FQF	VORTAC	078.12	078.12	R	1		10000	14000	11	12
2	W		WP	261.12	081.12	R		7	10000	14000	10	11
3	W	DEN	VOR/DME	093.44	093.44	R	1		9000	14000	11	12
4	E		WP	100.57	280.57	R		7	7500	14000	9	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	230	TOWER (08-000971)	395521.84N/1035820.21W	6950	2C
1	230	AAO	393548.00N/1041727.00W	5876	4E
2	230	AAO	393651.00N/1041703.00W	5847	4E
3	230	AAO	393927.00N/1041742.00W	5817	4E
4	230	AAO	393700.00N/1035833.00W	5614	4E

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 9000.

REMARKS:
FALCON (FAC 3) 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
EN ROUTE	V148	1, 2, 3, 5, 6				(US)
EN ROUTE	V263	1, 2, 3, 4, 5, 6				(US)
EN ROUTE	V611	1, 2, 3, 4, 5				(US)
IAP	ILS OR LOC RWY 17L	3, 4	1, 3	KDEN	DENVER	CO (US)
IAP	RNAV (GPS) Y RWY 17L		2	KDEN	DENVER	CO (US)
IAP	RNAV (GPS) Y RWY 7		2	KDEN	DENVER	CO (US)
IAP	RNAV (RNP) Z RWY 17L		2	KDEN	DENVER	CO (US)
IAP	RNAV (RNP) Z RWY 7		2	KDEN	DENVER	CO (US)
IAP	ILS OR LOC RWY 17	3, 4	1, 3	KFTG	DENVER	CO (US)
IAP	ILS OR LOC RWY 35	2, 4	3	KFTG	DENVER	CO (US)
IAP	RNAV (GPS) RWY 26		4	KFTG	DENVER	CO (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:

QUALITY CHECKED

UPDATED FIX COORDINATES; FIX MOVED 11.38FT EAST.
REMOVED ISIME FROM BEING FAC 5
CHANGED FAC 4 MAG CRS FROM 090.44 TO 093.44.
ADDED DIST FROM FAC IN NM FOR ALL FACS.
REMOVED TXC VORTAC AS AN ADDITIONAL FACILITY AND ADDED AS FAC 5
REMOVED HGO VORTAC AS AN ADDITIONAL FACILITY AND ADDED AS FAC 6.
CHANGED FAC 1 FROM GLL VORTAC TO GLL VOR/DME.
REMOVED V611 SW BOUND MCA RESTRICTION; AIRWAY RADIAL UNUSABLE.
LOWERED PAT 3 MIN ALTITUDE FROM 10000 TO 9000.
CHANGED UNPLANNED PAT CONTROLLING OBSTACLE FROM 6945 AAO TO 6950 TOWER.
CHANGED PAT 3 CRS INBOUND FROM 090.44 TO 093.44.
ADDED PAT 4.
UPDATED FIX USE.

DEVELOPED BY:	**DATE:** 12/16/2011	**OFFICE:** AJV-354	**NAME:** ADOLFO URRUTIA (STEPHEN PETERSON)
APPROVED BY:	**DATE:**	**OFFICE:** AJV-354	**NAME:** DEZ SILAGYI
	SIGNATURE:		

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PHLAT **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 395817.72N/1043119.21W **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	MILE HIGH	DVV	VORTAC	H	037.66	045.66	6.60	6.60		7000	17500
2	GILL	GLL	VOR/DME	H	164.43	177.43		31.95		7000	17500

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	DVV	VORTAC	037.66	217.66	R	1-1 1/2		7000	17500	10	18
2	NE		WP	037.66	217.66	R		7	8000	14000	9	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	395415.00N/1043212.00W	5588	4E
2	230	AAO	395415.00N/1043212.00W	5588	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35	1, 2	1	KFTG	DENVER	CO (US)
IAP	RNAV (GPS) RWY 35		2	KFTG	DENVER	CO (US)
STAR	LANDR	1, 2	1	KDEN	DENVER	CO (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:
CHANGED FAC 1 MAG BRG FROM 034.66 TO 037.66.
CHANGED PAT 1 CRS INBOUND FROM 215.65 TO 217.66.
CHANGED PAT 2 CRS INBOUND FROM 215.65 TO 217.66.
UPDATED FIX USE.

2/29/2012: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/20/2011.
1. CHANGED PAT 1 AND 2 CRS INBOUND FROM 218.66 TO 217.66.

DEVELOPED BY: **DATE:** 12/20/2011 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (STEPHEN PETERSON)

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

SIGNATURE:

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

QUALITY A CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

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

AIRPORT NAME: **FRONT RANGE** ID: **KFTG**

PROCEDURE: **ILS OR LOC RWY 35** 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 **4.19**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.12**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **359.99**
4. High Terrain in **FINAL** segment containing 1000' point **5854**
5. Distance from * to 1500' point
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of segment at 1500' point
7. True Course of segment containing 1500' point
8. High Terrain in segment containing 1500' point
9. Threshold Coordinates (if straight-in) ... **394549.10N** / **1043127.22W**
10. ARP Coordinates ..... **394706.90N** / **1043235.30W**
11. Runway Approach End and distance furthest from ARP.....RWY **35**
    Distance **1.56** NM
12. FAF Coordinates ..... **393944.49N** / **1043127.14W**
    (Click to Select)

REMARKS: Approach/Drawing attached.
*1500 FT POINT LOCATED IN PT MANEUVERING AREA.

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

CONCURRENCES
ROUTING SYMBOL AJV-34 SBaker
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-354 Lead
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-354 DSilagyi
INITIALS/SIG
DATE 11/30/1
ROUTING SYMBOL AJV-34 WTerrell
INITIALS/SIG
DATE
ROUTING SYMBOL
INITIALS/SIG
DATE
ROUTING SYMBOL
INITIALS/SIG
DATE

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.

TAKOFF MINIMUMS, ORIG
ILS or LOC RWY 17, AMDT 1
ILS or LOC RWY 26, AMDT 5
ILS or LOC RWY 35, AMDT 1
RNAV (GPS) RWY 17, AMDT 1
RNAV (GPS) RWY 26, AMDT 1
RNAV (GPS) RWY 35, AMDT 1
NDB RWY 26, AMDT 5
TAKEOFF MINIMUMS, AMDT 3

Estimated Chart Date: 05/31/2012

Please publish these changes in the National Flight Data Digest.

COLORADO

Location	Name	Airport /Facility	Identifier	Assigned Magnetic Variation Value	Epoch Year
Denver	Front Range	Airport	KFTG / FTG	Old 11 ° East New 08 ° East	2015
Denver		ILS	FTG	Old 11 ° East New 08 ° East	2015
Denver		ILS	FZR	Old 11 ° East New 08 ° East	2015
Denver		ILS	VWT	Old 11 ° East New 08 ° East	2015
Denver		NDB/C (SKIPILOM)	FTGFT	Old 11 ° East New 08 ° East	2015

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

cc: SEA-FPT, AJV-3rf
AJV-354:DSilagyi:sjb:x7537: 11/30/2011: (U:\AVN100\100Public\MAGVAR\MAGVAR Letters 2010\DocumentName)
Requested by Stephen Peterson, AJW-3254; Data Specialist, Paul Clark