Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: SID	Date Open: 03/14/2012	Task #: 2012031430177701001	Request #: 20120314301777
Procedure: SID FI/T SID GRAND JUNCTION SIX GRAND JUNCTION CO KGJT		**Airport ID:** KGJT	**Airport:** GRAND JUNCTION REGIONAL		**Reimbursable #:**
City: GRAND JUNCTION	**ST:** CO	**GPS #:**		**Estimated Chart Date:** 11/15/2012	**FICO #:**
Fac ID:	**Fac. Type:** Prod-TR	**Specialist:** THERON CYRUS			

P2

Procedure Review

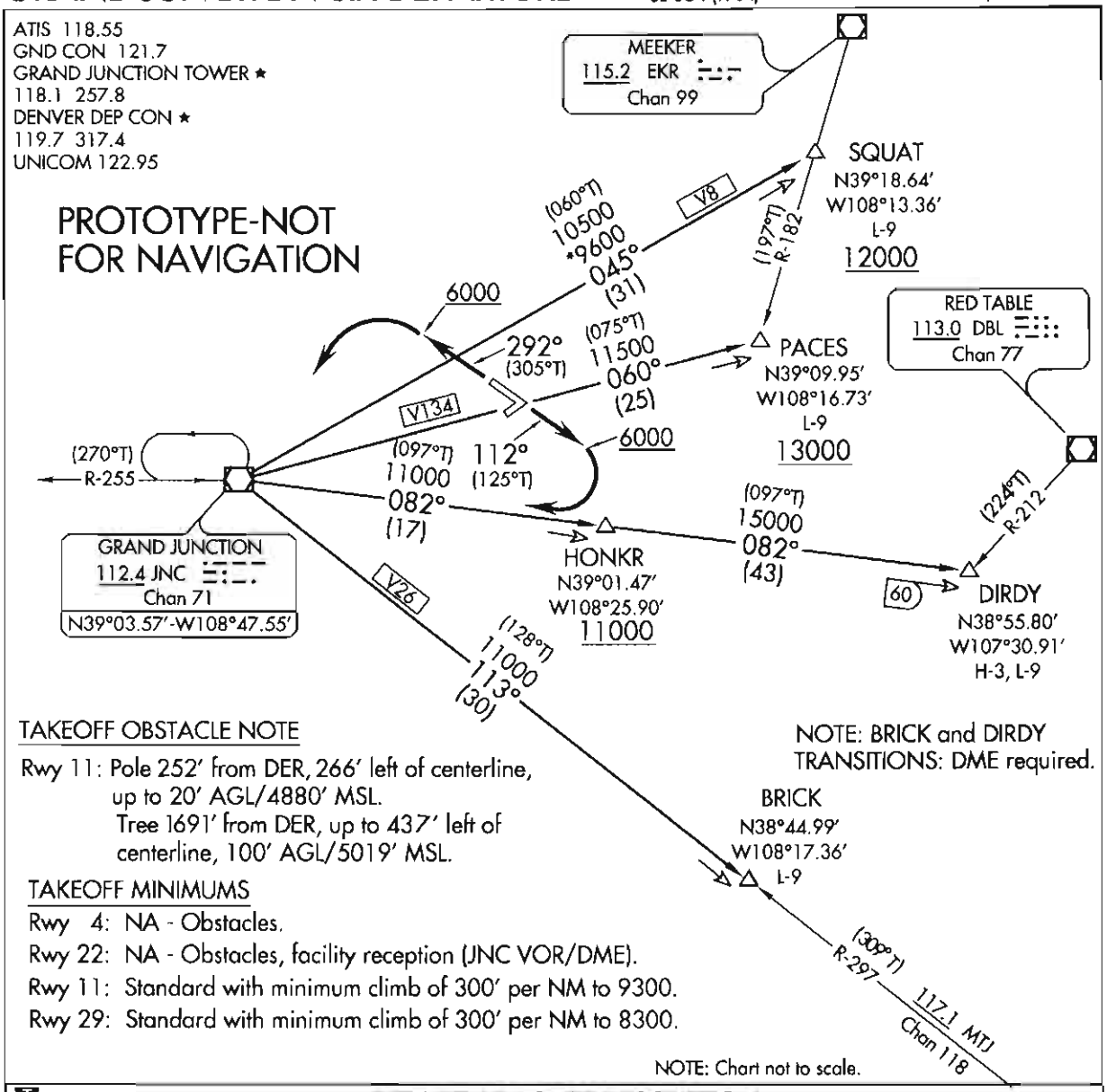
	Rec'd	Rel'd	Full Name	Comments
Lead:	04/11/2012	07/10/2012	STEVEN SZUKALA	
QA:	07/10/2012	07/10/2012	STEVEN SZUKALA	
Liaison:	07/10/2012		K. Spurlin	P2;

Procedure Comments: ENROUTE **Remark Type:** INFORMATION PKG 1 of 1

GRAND JUNCTION, CO; GRAND JUNCTION REGIONAL (KGJT); SID FI/T SID GRAND JUNCTION SIX; ENROUTE-YES; FC BY 9/18/12; PUB 11/15/12
ATTACHED FORMS: 8260-15B
8260-2 (S): BRICK, REV 6; DIRDY INT, REV 3; GRAND JUNCTION (JNC) VDME, REV 19 (INFO ONLY); HONKR, REV 1; PACES INT, REV 8 (INFO ONLY); SQUAT INT, REV 4 (INFO ONLY).
CLEARS FDC NOTAM 2/2074.

CONTACT: DEZ SILAGYI/ADOLFO URRUTIA, AJV-354 LEADS, 405.954.9977/2079

GRAND JUNCTION SIX DEPARTURE



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 11: Climb heading 112° to 6000, then climbing right turn direct JNC VOR/DME, Thence. . . .

TAKEOFF RUNWAY 29: Climb heading 292° to 6000, then climbing left turn direct JNC VOR/DME, Thence. . . .

. . . .on transition/ route.

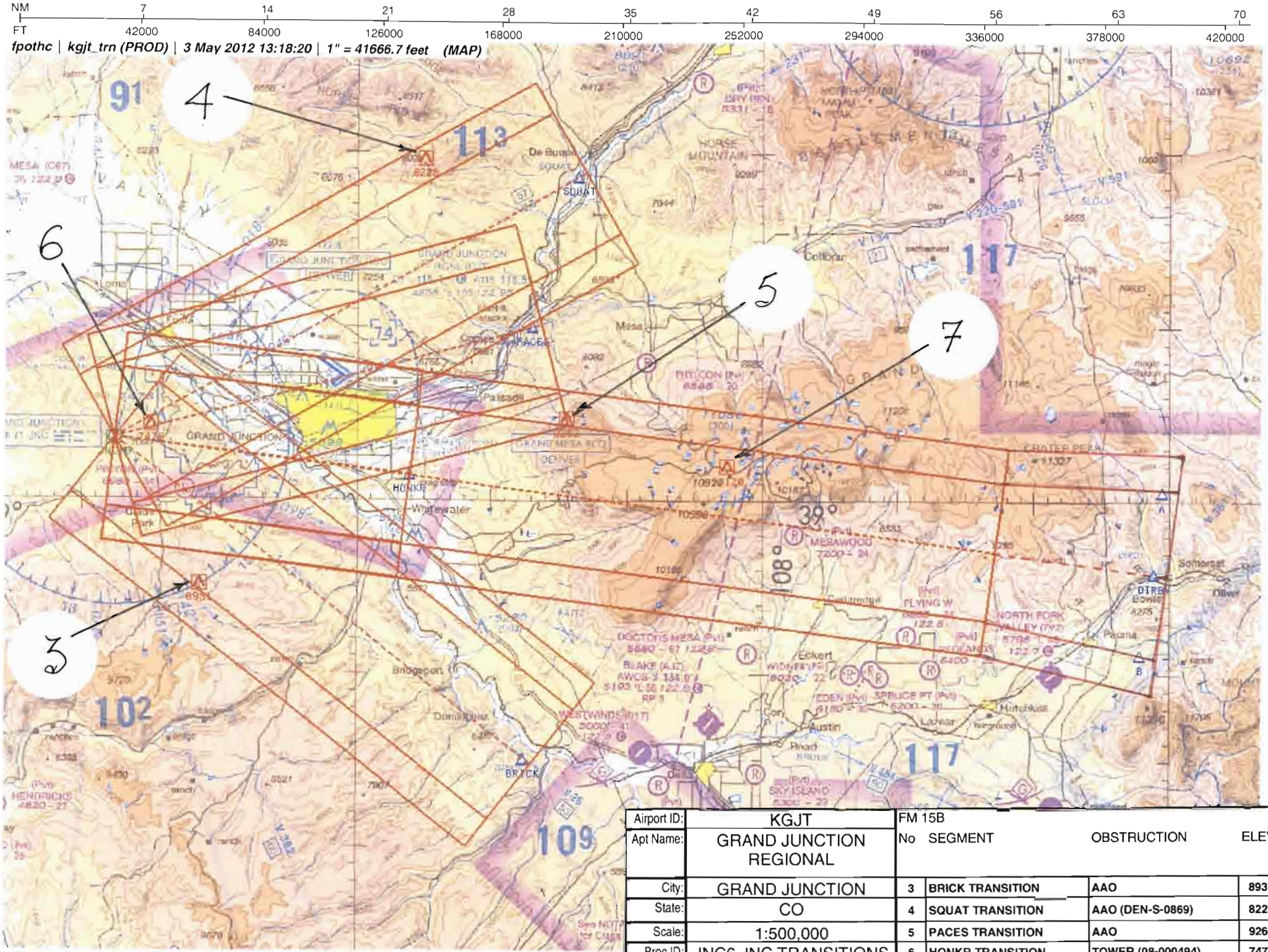
BRICK TRANSITION (JNC6.BRICK): From over JNC VOR/DME via JNC R-113 to BRICK/JNC 30 DME.

SQUAT TRANSITION (JNC6.SQUAT): From over JNC VOR/DME via JNC R-045 to SQUAT INT/JNC 31 DME.

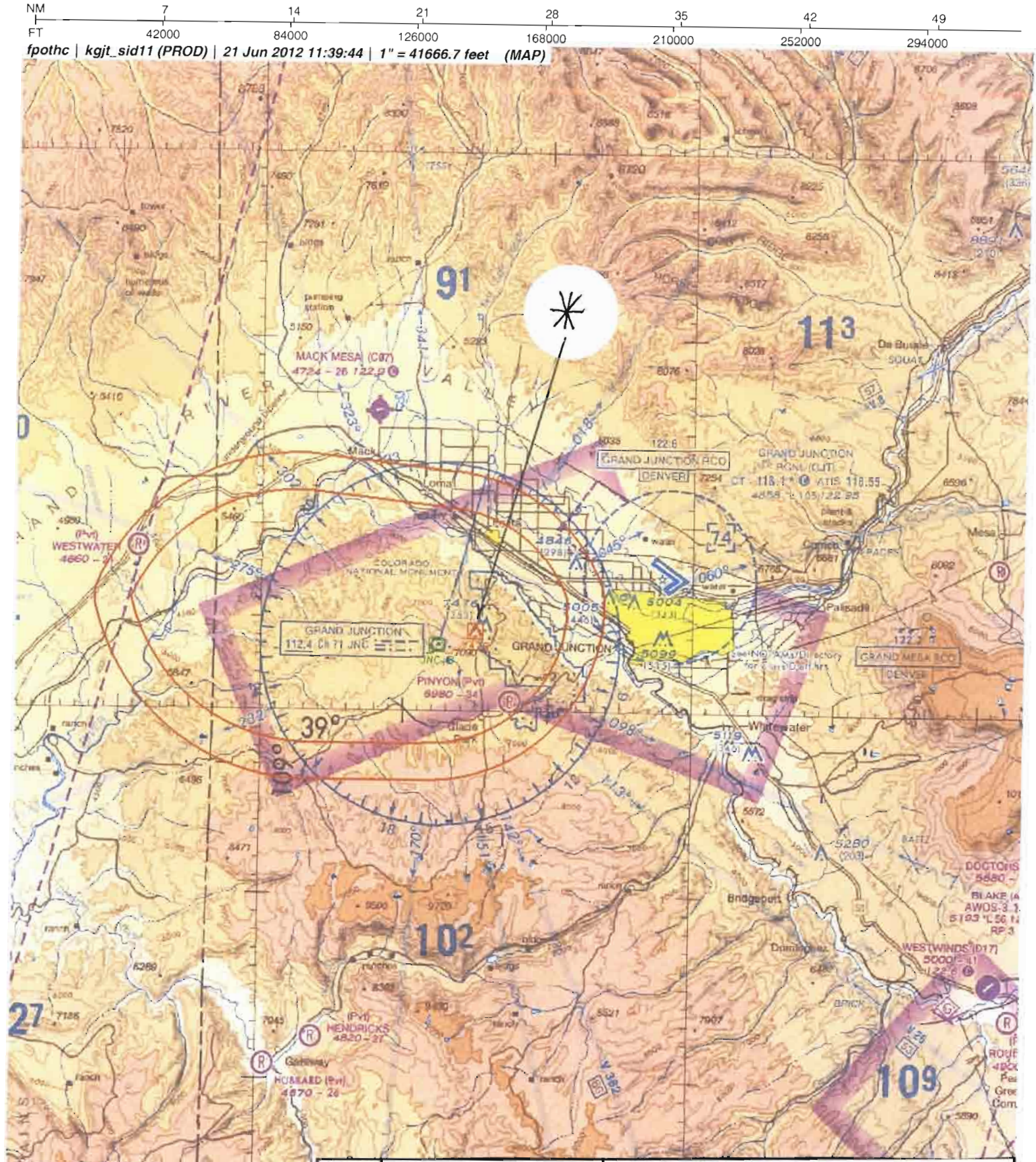
PACES TRANSITION (JNC6.PACES): From over JNC VOR/DME via JNC R-060 to PACES INT/JNC 25 DME.

DIRDY TRANSITION (JNC6.DIRDY): From over JNC VOR/DME via JNC R-082 to DIRDY INT/JNC 60 DME.

S
05/1
COMP
REVIE
DBL CI
EFF D/
UID#:



Airport ID:	KGJT	FM 15B			
Apt Name:	GRAND JUNCTION REGIONAL	No	SEGMENT	OBSTRUCTION	ELEV
City:	GRAND JUNCTION	3	BRICK TRANSITION	AAO	8931
State:	CO	4	SQUAT TRANSITION	AAO (DEN-S-0869)	8228
Scale:	1:500,000	5	PACES TRANSITION	AAO	9262
Proc ID:	JNC6.JNC TRANSITIONS	6	HONKR TRANSITION	TOWER (08-000494)	7476
Amdt	6	7	DIRDY TRANSITION	AAO (DEN-S-0783)	11120

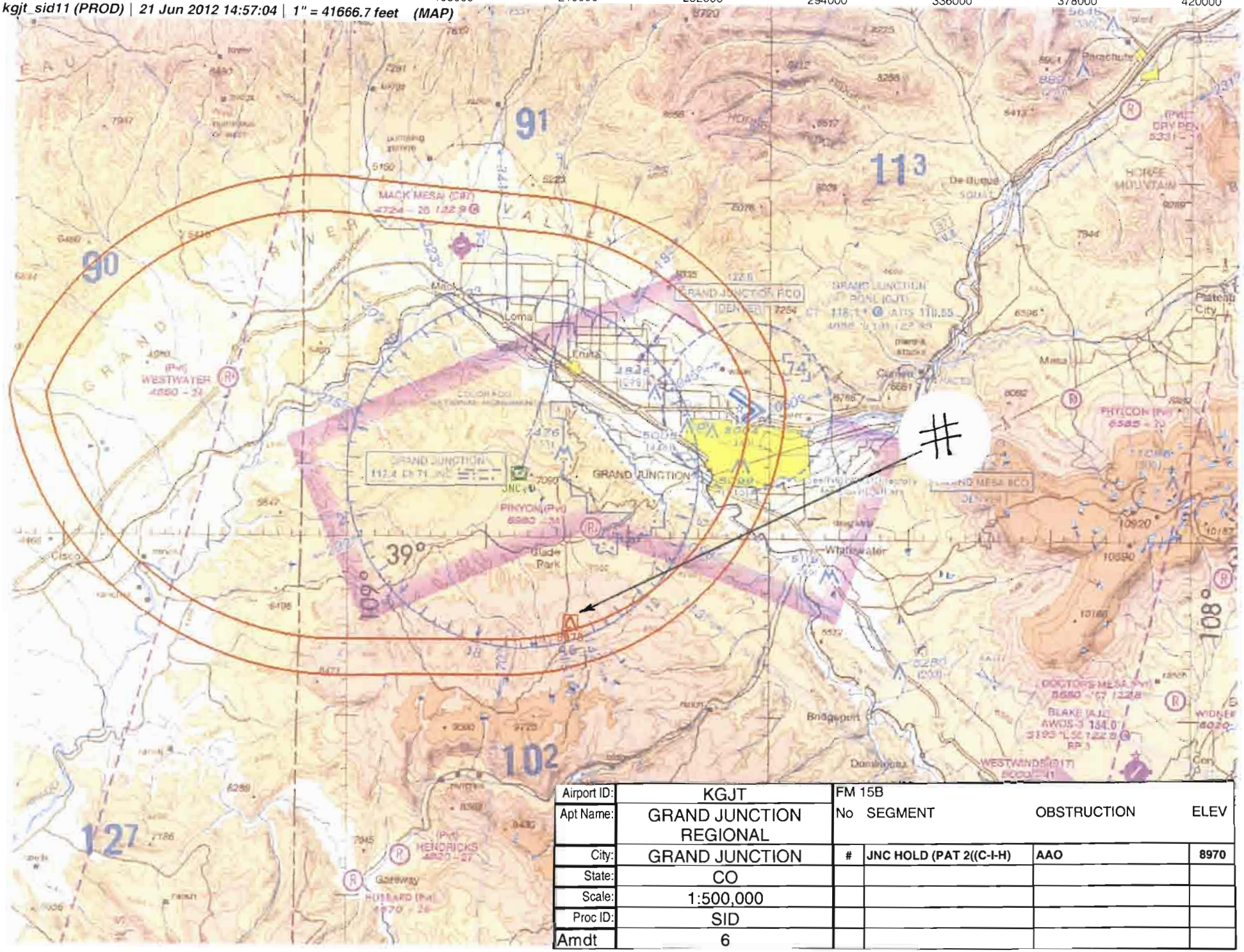


Airport ID:	KGJT	FM 15B			
Apt Name:	GRAND JUNCTION REGIONAL	No	SEGMENT	OBSTRUCTION	ELEV
City:	GRAND JUNCTION	•	JNC HOLD (PAT 2)	TOWER (08-000494)	7476
State:	CO				
Scale:	1:500,000				
Proc ID:	SID				
Amdt	6				

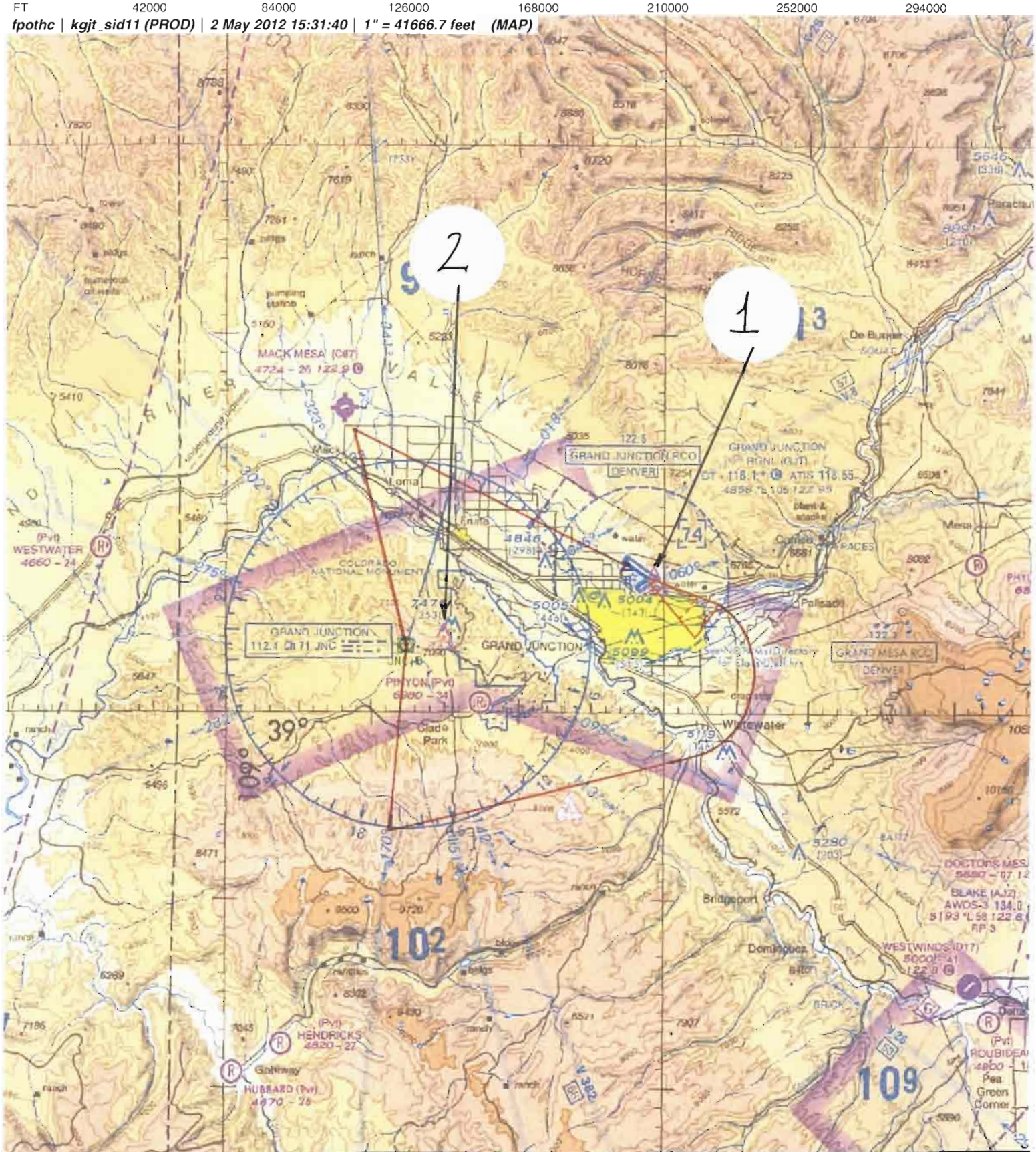
NM 7 14 21 28 35 42 49 56 63 70

FT 42000 84000 126000 168000 210000 252000 294000 336000 378000 420000

fpothc | kgjt_sid11 (PROD) | 21 Jun 2012 14:57:04 | 1" = 41666.7 feet (MAP)



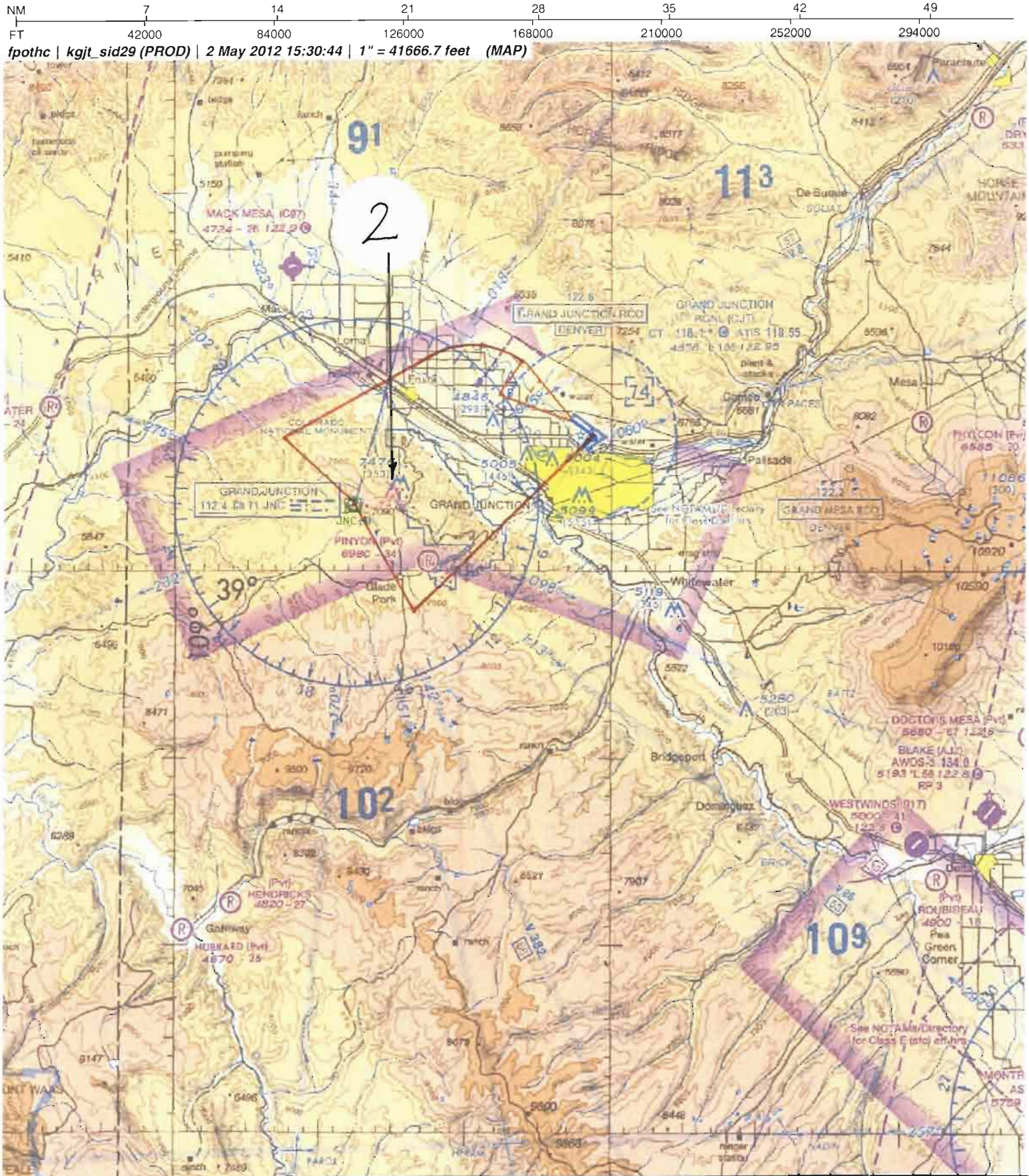
		FM 15B			
Airport ID:	KGJT	No	SEGMENT	OBSTRUCTION	ELEV
Apt Name:	GRAND JUNCTION REGIONAL	#	JNC HOLD (PAT 2((C-I-H)	AAO	8970
City:	GRAND JUNCTION				
State:	CO				
Scale:	1:500,000				
Proc ID:	SID				
Amdt	6				



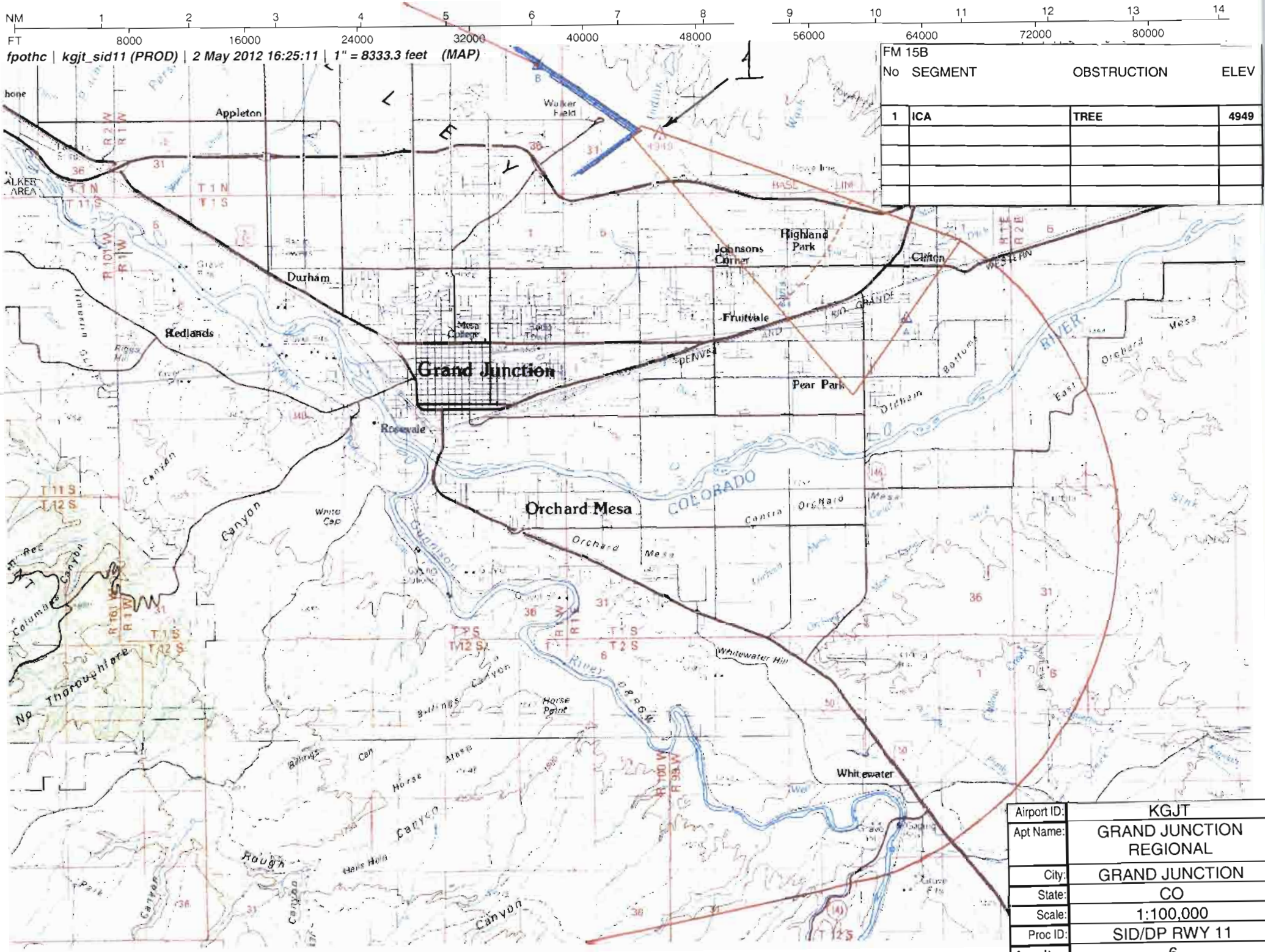
Airport ID:	KGJT
Apt Name:	GRAND JUNCTION REGIONAL
City:	GRAND JUNCTION
State:	CO
Scale:	1:500,000
Proc ID:	SID/DP RWY 11
Amdt	6

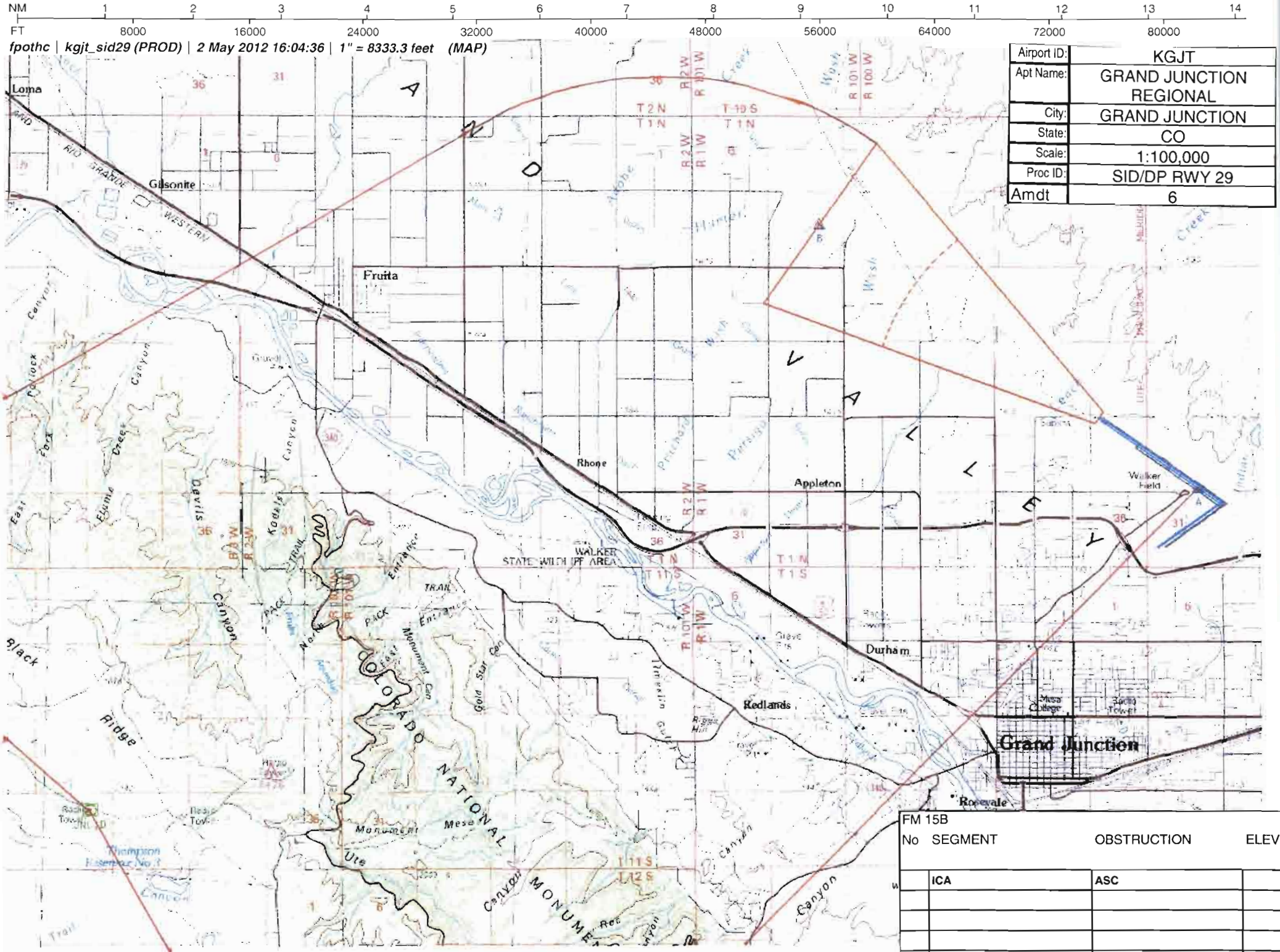
FM 15B

No	SEGMENT	OBSTRUCTION	ELEV
1	ICA	TREE	4949
2	CG/CTA	TOWER (08-000494)	7476



Airport ID:	KGJT	FM 15B			
Apt Name:	GRAND JUNCTION REGIONAL	No	SEGMENT	OBSTRUCTION	ELEV
City:	GRAND JUNCTION		ICA	ASC	
State:	CO	2	CG/CTA	TOWER (08-000494)	7476
Scale:	1:500,000				
Proc ID:	SID/DP RWY 29				
Amdt	6				


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
fpothc | kgjt_sid11 (PROD) | 2 May 2012 16:25:11 | 1" = 8333.3 feet (MAP)
FM 15B
No SEGMENT OBSTRUCTION ELEV
1 ICA TREE 4949
Appleton
Walker Field
Durham
Redlands
Grand Junction
Mesa College
Fruitvale
Johnsons Corner
Highland Park
Clifton
Pear Park
Orchard Mesa
Roosevale
COLORADO RIVER
Whitewater
Whitewater Hill
Horse Point
Airport ID: KGJT
Apt Name: GRAND JUNCTION REGIONAL
City: GRAND JUNCTION
State: CO
Scale: 1:100,000
Proc ID: SID/DP RWY 11
Amdt 6


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
fpothc | kgjt_sid29 (PROD) | 2 May 2012 16:04:36 | 1" = 8333.3 feet (MAP)
Airport ID: KGJT
Apt Name: GRAND JUNCTION REGIONAL
City: GRAND JUNCTION
State: CO
Scale: 1:100,000
Proc ID: SID/DP RWY 29
Amdt 6
Loma
Gilsonite
Fruita
Rhone
Appleton
Durham
Redlands
Grand Junction
Rosevale
Walker Field
WALKER STATE WILDLIFE AREA
COLORADO NATIONAL MONUMENT
Black Ridge
Devils Canyon
Kodels Canyon
Monument Mesa
Ute Canyon
Gold Star Can
Mesa College
Radio Tower
Thompson Reservoir No 3
FM 15B
No SEGMENT OBSTRUCTION ELEV
ICA
ASC

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
GRAND JUNCTION	SIX	JNC6.JNC	5		

TYPE: SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 11: CLIMB HEADING 112.17 TO 6000, THEN CLIMBING RIGHT TURN DIRECT JNC VOR/DME, THENCE...

TAKEOFF RWY 29: CLIMB HEADING 292.19 TO 6000, THEN CLIMBING LEFT TURN DIRECT JNC VOR/DME, THENCE...

...ON TRANSITION/ROUTE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
BRICK	JNC6.BRICK	JNC VOR/DME	BRICK/JNC 30.00 DME	113.07	30.00	11000		
SQUAT	JNC6.SQUAT	JNC VOR/DME	SQUAT INT/JNC 30.55 DME	045.31	30.55	10500	9600	AT/ABOVE 12000
PACES	JNC6.PACES	JNC VOR/DME	PACES INT/24.83 DME	059.97	24.83	11500		AT/ABOVE 13000
DIRDY	JNC6.DIRDY	JNC VOR/DME	HONKR/17.00 DME	082.00	17.00	11000		AT/ABOVE 11000
		HONKR/17.00 DME	DIRDY INT/JNC 60.26 DME	082.00 (JNC R-082)	43.26	15000		

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: BRICK AND DIRDY TRANSITION: DME REQUIRED.

TAKEOFF RWY 4: NA - OBSTACLES.

TAKEOFF RWY 22: NA – OBSTACLES, FAC RECEPTION (JNC VOR/DME).

TAKEOFF RWY 11: STANDARD WITH MINIMUM CLIMB OF 300 FT PER NM TO 9300.

TAKEOFF RWY 29: STANDARD WITH MINIMUM CLIMB OF 300 FT PER NM TO 8300.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 11, POLE 252 FT FROM DER, 266 FT LEFT OF CENTERLINE, UP TO 20 FT AGL/4880 FT MSL. TREE 1691 FT FROM DER, 437 FT LEFT OF CENTERLINE, 100 FT AGL/5019 FT MSL.

GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
GRAND JUNCTION	SIX	JNC6.JNC	5		

CONTROLLING OBSTACLES:

RWY 11, 29 – 7476 FT MSL TWR (08-000494) 390355.93N/1084454.36W.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART HOLDING AT JNC VOR/DME (W, LT, 075.00 INBOUND)
CHART EKR R-182
CHART MTJ R-297
CHART DBL R-212

AIRPORTS SERVED:

GRAND JUNCTION REGIONAL — GRAND JUNCTION , CO

COMMUNICATIONS:

ATIS, GND CON, CLNC DEL, GJT ATCT, DEN APP CON, UNICOM

FIXES AND/OR NAVAIDS:

DBL VOR/DME, EKR VOR/DME

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
GRAND JUNCTION	SIX	JNC6.JNC	5		

REMARKS:

FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

ADOLFO URRUTIA (THERON CYRUS) AJV-354 05/15/2012

APPROVED BY:

DEZ SILAGYI AJV-354

COORDINATED WITH:

ATA, ALPA, APA, AOPA, NBAA, AMGR, DEN TRACON, GJT ATCT, CO AERO, ZDV

CHANGES:

1. CHANGED SQUAT TRANSITION MEA ALTITUDE FROM 10300 TO 10500.
2. CHANGED SQUAT TRANSITION CROSSING ALTITUDE FROM 10500 TO 12000.
3. CHANGED PACES TRANSITION CROSSING ALTITUDE FROM 11000 TO 13000.
4. UPDATED TAKEOFF OBS NOTES.
5. UPDATE CONTROLLING OBS.
6. DELETED REQUIREMENT TO CROSS DER AT OR ABOVE 35 FT AGL.

REASONS:

1. 2. 3. PER FPT/8260-2.
4. TO MATCH ODP/ODP WAS NOT AMENDED.
5. NEW OBS EVALUATION.
6. NOTE NO LONGER REQUIRED.

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
GRAND JUNCTION	SIX	JNC6.JNC	FIVE		

ARINC PACKET - 424-18 - SID

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAD        JNC   K2011240VDHW N39033444W108473327    N39033444W108473327E0150071002     NARGRAND JUNCTION

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BRICK K20    R   L N38445954W108172189                    E0103     NAR           BRICK
        SUSAEAENRT   DIRDY K20    C   B N38554818W107305431                    E0099     NAR           DIRDY
        SUSAEAENRT   HONKR K20    R     N39012801W108255417                    E0103     NAR           HONKR
        SUSAEAENRT   PACES K20    C   L N39095700W108164361                    E0103     NAR           PACES
        SUSAEAENRT   SQUAT K20    C   L N39183824W108132150                    E0103     NAR           SQUAT

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KGJTK2AGJT     0     105YHN39072069W108313625E013004858         1800018000C    MNAR    GRAND JUNCTION REGIONAL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KGJTK2DJNC6 1RW11  010         0        VA                    1122        + 06000     18000
        SUSAP KGJTK2DJNC6  1RW11  020JNC  K2D 0VE HR   DF
        SUSAP KGJTK2DJNC6  1RW29  010         0        VA                    2922        + 06000     18000
        SUSAP KGJTK2DJNC6  1RW29  020JNC  K2D 0VE H    DF
        SUSAP KGJTK2DJNC6  3BRICK 010JNC  K2D 0V  H    IF                                            18000
        SUSAP KGJTK2DJNC6  3BRICK 020BRICKK2EA0EE      TF                    11310300
        SUSAP KGJTK2DJNC6  3DIRDY 010JNC  K2D 0V  H    IF                                            18000
        SUSAP KGJTK2DJNC6  3DIRDY 020HONKRK2EA0E       TF                    08200170    + 11000
        SUSAP KGJTK2DJNC6  3DIRDY 030DIRDYK2EA0EE      TF                    08200433
        SUSAP KGJTK2DJNC6  3PACES 010JNC  K2D 0V  H    IF                                            18000
        SUSAP KGJTK2DJNC6  3PACES 020PACESK2EA0EE      TF                    06000248    + 13000
        SUSAP KGJTK2DJNC6  3SQUAT 010JNC  K2D 0V  H    IF                                            18000
        SUSAP KGJTK2DJNC6  3SQUAT 020SQUATK2EA0EE      TF                    04530306    + 12000

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KGJTK2GRW11    0105011122 N39080589W108323962+0400    +145320482000005015OIIGJT1
        SUSAP KGJTK2GRW29    0105012922 N39070610W108305074-0400    +146480485800005015ORIACDA
```

FAA Form 8260-15C / August 2009 (Computer Generated)

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
GRAND JUNCTION	SIX	JNC6.JNC	FIVE		

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW11		010		VA		FB		112.2()		AA 06000	
	RW11	JNC	020		DF	R	FB					
	RW29		010		VA		FB		292.2()		AA 06000	
	RW29	JNC	020		DF		FB					
	BRICK	JNC	010		IF		FB					
	BRICK	BRICK	020		TF		FB		113.1()	030.0		
	DIRDY	JNC	010		IF		FB					
	DIRDY	HONKR	020		TF		FB		082.0()	017.0	AA 11000	
	DIRDY	DIRDY	030		TF		FB		082.0()	043.3		
	PACES	JNC	010		IF		FB					
	PACES	PACES	020		TF		FB		060.0()	024.8	AA 13000	
	SQUAT	JNC	010		IF		FB					
	SQUAT	SQUAT	020		TF		FB		045.3()	030.6	AA 12000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JNC	N390334.44	W1084733.27	N3903.574	W10847.555
	BRICK	N384459.54	W1081721.89	N3844.992	W10817.365
	DIRDY	N385548.18	W1073054.31	N3855.803	W10730.905
	HONKR	N390128.01	W1082554.17	N3901.467	W10825.903
	PACES	N390957.00	W1081643.61	N3909.950	W10816.727
	SQUAT	N391838.24	W1081321.50	N3918.637	W10813.358
	RW11	N390805.89	W1083239.62	N3908.098	W10832.660
	RW29	N390706.10	W1083050.74	N3907.102	W10830.846

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW11	04820	50
	RW29	04858	50

RADIO FIX AND HOLDING DATA RECORD

NAME: BRICK **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 384459.54N/1081721.89W **TYPE:** DME

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	GRAND JUNCTION	JNC	VOR/DME	H	113.07	128.07	30.00	30.00		11000	17500
2	MONTROSE	MTJ	VOR/DME	H	296.62	308.62	23.44	23.44		11000	17500

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

REMARKS:
FIX IS COP ON AIRWAY (ATC REQUEST).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GRAND JUNCTION	1		KGJT	GRAND JUNCTION	CO (US)
DP	BRICK	2		KMTJ	MONTROSE	CO (US)
EN ROUTE	V-26	1, 2				(US)
IAP	VOR/DME RWY 13	2		KMTJ	MONTROSE	CO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
ARRANGE FIX USE TO CORRECT FORMAT.
ADDED FAC 1 DIST FROM FAC (NM).
ADDED FAC 2 DIST FROM FAC (NM).

DEVELOPED BY: **DATE:** 05/10/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (THERON CYRUS)

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

SIGNATURE:

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

QUALITY 3 Check

RADIO FIX AND HOLDING DATA RECORD

NAME: DIRDY **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 385548.18N/1073054.31W **TYPE:** WP, INT, DME

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	RED TABLE	DBL	VOR/DME	H	211.67	223.67	42.07	42.07		15000	45000
2	GRAND JUNCTION	JNC	VOR/DME	H	082.00	097.00	60.26	60.26		15000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
JNC	VOR/DME	R-082	61	15000	45000
DBL	VOR/DME	R-212	43	15000	45000

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

REMARKS:
RED TABLE (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GRAND JUNCTION	1, 2		KGJT	GRAND JUNCTION	CO (US)
DP	GRAND MESA	1, 2		KGJT	GRAND JUNCTION	CO (US)
EN ROUTE	V361	1, 2				(US)
IAP	RNAV (GPS) Y RWY 17			KMTJ	MONTROSE	CO (US)
IAP	RNAV (GPS) Z RWY 17			KMTJ	MONTROSE	CO (US)
STAR	POWDR	1, 2		KDEN	DENVER	CO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
UPDATED FIX USE
FAC 1 AND 2, ADDED DIST FROM FAC
DELETED FAC 3

6/21/2012: THIS IS A CORRECTED COPY OF THE FORM DEVELOPED ON 1/31/12
1. ADDED 60.26 DME TO FAC 2

DEVELOPED BY: **DATE:** 01/31/2012 **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:

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: GRAND JUNCTION VOR/DME **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 390334.44N/1084733.27W **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	GRAND JUNCTION	JNC	VOR/DME	H							45000

FIX RESTRICTIONS:
MCA V187 10700 SOUTHBOUND
MCA V391 10700 SOUTHBOUND

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	JNC	VOR/DME	232.32	052.32	L	1-1 1/2		10000	45000	9	29
2	W	JNC	VOR/DME	255.00	075.00	L	1		10000	12000	9	9
3	W		WP	257.00	077.00	L		7	9000	12000	10	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	230	AAO	385000.30N/1084629.60W	9920	6C
1	230	AAO	385512.00N/1085830.00W	7930	4E
2	230	TOWER (08-000494)	390356.00N/1084454.00W	7476	5E
2	310	AAO	385451.00N/1084354.00W	8970	4E
3	230	TOWER (08-000494)	390356.00N/1084454.00W	7476	5E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
UPN	230	370
1	230	242
2	230	216
2	310	309
3	230	223

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

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 12000

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	LDA/DME RWY 29	KGJT	GRAND JUNCTION	CO (US)
2	MONUMENT	KGJT	GRAND JUNCTION	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	LINDZ			KASE	ASPEN	CO (US)
DP	PITKN (RNAV)			KASE	ASPEN	CO (US)
DP	DENVER			KBKF	AURORA	CO (US)
DP	DENVER			KAPA	DENVER	CO (US)
DP	DENVER			KBJC	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 JUNCTION		2	KGJT	GRAND JUNCTION	CO (US)
DP	GRAND MESA		2	KGJT	GRAND JUNCTION	CO (US)
DP	MONUMENT		2	KGJT	GRAND JUNCTION	CO (US)
DP	NOKXI (RNAV)			KGJT	GRAND JUNCTION	CO (US)
DP	RHONE (RNAV)		3	KGJT	GRAND JUNCTION	CO (US)
DP	TAKE-OFF MINIMUMS			KGJT	GRAND JUNCTION	CO (US)
DP	DENVER			KGXY	GREELEY	CO (US)
DP	BRICK			KMTJ	MONTROSE	CO (US)
DP	CANYON			KPUB	PUEBLO	CO (US)
DP	SALT LAKE			KSLC	SALT LAKE CITY	UT (US)
EN ROUTE	J12					(US)
EN ROUTE	J15					(US)
EN ROUTE	J80					(US)

QUALITY 3 CHECKED

EN ROUTE	V134					(US)
EN ROUTE	V134-220-591					(US)
EN ROUTE	V187					(US)
EN ROUTE	V26					(US)
EN ROUTE	V382					(US)
EN ROUTE	V391					(US)
EN ROUTE	V484					(US)
EN ROUTE	V8					(US)
IAP	ILS OR LOC RWY 11	1		KGJT	GRAND JUNCTION	CO (US)
IAP	LDA/DME RWY 29	1	1	KGJT	GRAND JUNCTION	CO (US)
IAP	RNAV (GPS) RWY 29			KGJT	GRAND JUNCTION	CO (US)
IAP	RNAV (GPS) Y RWY 11			KGJT	GRAND JUNCTION	CO (US)
IAP	RNAV (RNP) Z RWY 11		3	KGJT	GRAND JUNCTION	CO (US)
IAP	ILS OR LOC/DME RWY 17			KMTJ	MONTROSE	CO (US)
IAP	RNAV (GPS) Y RWY 8			KRIL	RIFLE	CO (US)
IAP	RNAV (GPS) Z RWY 8			KRIL	RIFLE	CO (US)
IAP	VOR-A			KCNY	MOAB	UT (US)
STAR	POWDR			KDEN	DENVER	CO (US)

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

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 19 **DATE OF REVISION:** 08/25/2011

REASON FOR REVISION:
1. MODIFIED PAT 3 MINIMUM HOLDING ALTITUDE FROM 10000 TO 9000.
2. UPDATED FIX USE.

DEVELOPED BY: **DATE:** 04/12/2011 **OFFICE:** AJV-354 **NAME:** ROY CURRIE

APPROVED BY: **DATE:** 07/12/2011 **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZDV
ATC FACILITY: DEN ATCT, GJT ATCT
OTHER:

QUALITY 3 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HONKR **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 390128.01N/1082554.17W **TYPE:** DME

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	GRAND JUNCTION	JNC	VOR/DME	H	082.00	097.00	17.00	17.00		11000	17500

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GRAND JUNCTION	1		KGJT	GRAND JUNCTION	CO (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
CHANGED FAC TYPE FROM "VORTAC" TO VOR/DME.
ADDED DIST FROM FAC (NM).
UPDATE FIX USE.

DEVELOPED BY: **DATE:** 05/03/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (THERON CYRUS)

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

SIGNATURE:

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

QUALITY 3 CHECKED

INFO ONLY
RADIO FIX AND HOLDING DATA RECORD

NAME: PACES **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 390957.00N/1081643.61W **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	GRAND JUNCTION	JNC	VOR/DME	H	059.97	074.97	24.83	24.83		11500	17500
2	MEEKER	EKR	VOR/DME	H	182.00	197.00		56.49		13000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
EKR	VOR/DME	R-182	57	13000	17500

FIX RESTRICTIONS:
MRA V134-220-591 13000

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

REMARKS:
MEEKER (FAC 2) AND GRAND JUNCTION (FAC 1) USED TO ESTABLISH FIX COORDINATES
COORDS DETERMINED BY FAC 1 AND FAC 2 INTERSECT

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	LINDZ	1, 2		KASE	ASPEN	CO (US)
DP	GRAND JUNCTION	1, 2		KGJT	GRAND JUNCTION	CO (US)
EN ROUTE	V134-220-591					(US)
IAP	RNAV (GPS) Y RWY 11			KGJT	GRAND JUNCTION	CO (US)
IAP	RNAV (RNP) Z RWY 11			KGJT	GRAND JUNCTION	CO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 **DATE OF REVISION:** 02/09/2012

REASON FOR REVISION:
RAISED FAC 1 MRA FROM 11000 TO 11500
RAISED FAC 2 MRA FROM 11000 TO 13000
RAISED ESV MIN ALTITUDE FROM 11000 TO 13000
ADD MRA PER FC DTD 6/8/93

DEVELOPED BY: **DATE:** 09/14/2011 **OFFICE:** AJV-311 **NAME:** LORETTA ZUEST

APPROVED BY: **DATE:** 02/15/2012 **OFFICE:** AJV-311 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZDV
ATC FACILITY: GJT ATCT
OTHER: DEN TRACON

QUALITY 3 CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: SQUAT **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 391838.24N/1081321.50W **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	GRAND JUNCTION	JNC	VOR/DME	H	045.31	060.31	30.55	30.55		12000	17500
2	MEEKER	EKR	VOR/DME	H	182.00	197.00		47.42		12000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
EKR	VOR/DME	R-182	48	11700	17500

FIX RESTRICTIONS:
MCA V8 12000 NORTHEAST BOUND

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GRAND JUNCTION	1		KGJT	GRAND JUNCTION	CO (US)
DP	SQUAT RNAV			KRIL	RIFLE	CO (US)
EN ROUTE	V8	1, 2				(US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
MOVED LOCATION OF SQUAT
UPDATED FIX MAKE-UP FACILITIES
UPDATED FIX RESTRICTION-MCA V8 CHANGED FROM 11700 TO 12000
UPDATED ESV MIN ALTITUDE FROM 10500 TO 11700

DEVELOPED BY: **DATE:** 02/17/2012 **OFFICE:** AJV-311 **NAME:** TOBY HUFF (CHARLES BROOKS)

APPROVED BY: **DATE:** **OFFICE:** AJV-311 **NAME:** RAY NUSSEAR

SIGNATURE:

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

QUALITY 3 CHECKED