

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** CARKU

**STATE:** CO

**COUNTRY:** US

**ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 391409.96N/1084344.96W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** MODIFY

**HOLDING:**

**HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

**USE TYPE**  
IAP  
IAP

**USE TITLE**  
RNAV (GPS) Y RWY 11  
RNAV (RNP) Z RWY 11

**FAC**

**PAT**

**AIRPORT IDENT**  
KGJT  
KGJT

**CITY**  
GRAND JUNCTION  
GRAND JUNCTION

**STATE**  
CO (US)  
CO (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1

**DATE OF REVISION:** 08/27/2009

**REASON FOR REVISION:**

MOVED FIX 1.11 NM IN ORDER TO FORM A 6NM INTERMEDIATE SEGMENT IAW 8260.3B PARA 242 B (1).  
UPDATED SIAP USE.  
REMOVED FAC 1.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**DEVELOPED BY:**

**DATE:** 03/27/2009

**OFFICE:** AVN-101

**NAME:** EUGENE NEWTON (JOHN LINDSEY)

**APPROVED BY:**

**DATE:** 06/02/2009

**OFFICE:** AVN-130

**NAME:** RICK WEBB

**SIGNATURE:**

**DISTRIBUTION:**

**NFDC**  
**FPO:** WST  
**ARTCC:** ZDV  
**ATC FACILITY:** DEN APP CON, GJT TOWER  
**OTHER:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: HONTU

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 385750.02N/1084312.81W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
IAP

USE TITLE  
RNAV (RNP) Z RWY 11

FAC

PAT

AIRPORT IDENT  
KGJT

CITY  
GRAND JUNCTION

STATE  
CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 08/25/2011

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/06/2011

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 APP CON, KGJT TOWER  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: JETRY

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 390355.60N/1082504.47W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

IAP

RNAV (GPS) Y RWY 11

KGJT

GRAND JUNCTION

CO (US)

IAP

RNAV (RNP) Z RWY 11

KGJT

GRAND JUNCTION

CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/16/2024

**REASON FOR REVISION:**

1. FIX LATITUDE/LONGITUDE MOVED 1.50NM NW FROM "390303.60N/1082330.13W" TO "390355.60N/1082504.47W" - ATC REQUESTS FIX NAME RETENTION.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: PHILLIP HILL01

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

NAME: JINNY

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 391116.93N/1083828.27W

TYPE: WP, RADAR, 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	FEET	MRA	MAA
1	GRAND JUNCTION	I-GJT	LOC/DME		296.17	305.17	7.30	7.31	44389	6700	9300
2	GRAND JUNCTION	JNC	VOR/DME	VH	027.50	042.50		10.45		6700	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

ILS DME ANTENNA COORDINATES 390706.61N/1083045.80W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 11	1, 2		KGJT	GRAND JUNCTION	CO (US)
IAP	RNAV (RNP) Z RWY 11			KGJT	GRAND JUNCTION	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 05/16/2024

## REASON FOR REVISION:

1. FIX LATITUDE/LONGITUDE MOVED .13NM SE FROM "391121.2800N1083836.2100W" TO "391116.929N1083828.271W."
2. FIX USE: ADDED KGJT RNAV (RNP) RWY 11.
3. REMARKS: ADDED ILS DME ANTENNA COORDINATES 390706.61N/1083045.80W.
4. FIX MAKE-UP: UPDATED GRAND JUNCTION (I-GJT) MAG BRG/TRUE BRG FROM "292.17/305.17" TO "296.17/305.17." AND DME/DIST FROM FAC NM/FEET FROM "7.43/7.43/45154" TO "7.30/7.31/44389."
5. FIX MAKE-UP: UPDATED GRAND JUNCTION (JNC) CLASS/ MAG BRG/ TRUE BRG, DIST FROM FAC NM FROM "DH/026.82/041.82, 10.44" TO "VH/027.50/042.50, 10.45."

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: PHILLIP HILL01

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

NAME: LOMMA

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 391650.94N/1084840.36W

TYPE: WP, RADAR, INT, DME

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	MRA	MAA
1	GRAND JUNCTION	I-GJT	LOC/DME		296.17	305.17	16.99	16.99	9300	17500
2	GRAND JUNCTION	JNC	VOR/DME	VH	341.25	356.25	13.29	13.29	8400	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-GJT	LOC/DME	B-296	17	9300	17500

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

## PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NW		WP	296.00	116.00	R		6	9000	14000	8	9
2	NW		WP	296.00	116.00	R		6	10000	14000	10	11

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	210	AAO	392433.00N/1090642.00W	7582	4B
2	230	AAO	392427.00N/1090918.00W	8370	4B
2	310	AAO	393224.00N/1090021.00W	8990	4B

## PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	210	310
2	310	360
2	230	350

## HOLDING RESTRICTIONS:

PAT 1 CHART 210K ICON  
HOLDING LIMITED TO ESTABLISHED PATTERNS

## PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	RNAV (GPS) RWY 29	KGJT	GRAND JUNCTION	CO (US)

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED  
GJT ILS DME ANTENNA COORDINATES 390706.61N/1083045.80W  
ADD: PAT 1 210K RESTRICTION DUE TO OBSTACLES

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	RHONE (RNAV)	2		KGJT	GRAND JUNCTION	CO (US)
EN ROUTE	T317					(US)
EN ROUTE	V187	1, 2				(US)
IAP	ILS OR LOC RWY 11	1, 2		KGJT	GRAND JUNCTION	CO (US)
IAP	RNAV (GPS) RWY 29		2	KGJT	GRAND JUNCTION	CO (US)
IAP	RNAV (GPS) Y RWY 11		1	KGJT	GRAND JUNCTION	CO (US)
IAP	RNAV (RNP) Z RWY 11			KGJT	GRAND JUNCTION	CO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17

DATE OF REVISION: 05/16/2024

## REASON FOR REVISION:

1. CHANGED HOLDING PATTERNS 1 AND 2 INBOUND COURSE FROM 112 TO 116.
2. ADDED REMARK "ADD: PAT 1 210K RESTRICTION DUE TO OBSTACLES."
3. CHANGED PRECIPITOUS TERRAIN ADDITION FOR PAT 1 FROM "142" TO "310."
4. UPDATED PAT 2 OBSTACLE.
5. ADDED 310 CONTROLLING OBSTACLE TO PATTERN 2.
6. ADDED RNAV (GPS) RWY 29 TO PROCEDURES REQUIRING CLIMB-IN-HOLD.
7. FIX MAKE-UP FACILITIES: JNC CLASS CHANGED FROM "H" TO "VH" AND MRA CHANGED FROM "8200" TO "8400."
8. FIX MAKE-UP: UPDATED GRAND JUNCTION (I-GJT) MAG BRG/TRUE BRG FROM "292.17/305.17" TO "296.17/305.17."
9. ESV: I-GJT CHANGED RADIAL/BEARING FROM "292" TO "296."

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A433

**NAME:** DANIEL JOHNSON**APPROVED BY:****DATE:** 05/16/2024**OFFICE:** AJV-A433**NAME:** ROBERT HAMILTON**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: MACKS

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 392115.21N/1085646.97W

TYPE: WP, RADAR, 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	FEET	MRA	MAA
1	GRAND JUNCTION	I-GJT	LOC/DME		296.17	305.17	24.67	24.67		12000	17500
2	GRAND JUNCTION	JNC	VOR/DME	VH	322.95	337.95	19.06	19.06		10800	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-GJT	LOC/DME	R-296	25	10800	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

GJT ILS DME ANTENNA COORDINATES 390706.61N/1083045.80W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V391	1, 2				(US)
IAP	ILS OR LOC RWY 11	1, 2		KGJT	GRAND JUNCTION	CO (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: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15

DATE OF REVISION: 05/16/2024

## REASON FOR REVISION:

1. FIX MAKE-UP: UPDATED GRAND JUNCTION (JNC) CLASS FROM "H" TO VH."
2. REQUIRED CHARTING: REPLACED "CONTROLLER" TO "CONTROLLER LOW."
3. FIX MAKE-UP: UPDATED GRAND JUNCTION (I-GJT) MAG BRG/TRUE BRG FROM "292.17/305.17" TO "296.17/305.17."
4. ESV: I-GJT CHANGED RADIAL/BEARING FROM "R-292" TO "R-296."

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: PHILLIP HILL01

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

NAME: PACES

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

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	FEET	MRA	MAA
1	GRAND JUNCTION	JNC	VOR/DME	VH	059.97	074.97	24.83	24.83		11500	17500
2	MEEKER	EKR	VOR/DME	DH	188.00	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 V220 13000  
MRA V591 13000  
MRA V134 13000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

GRAND JUNCTION (FAC 1) AND MEEKER (FAC 2) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	LINDZ	1, 2		KASE	ASPEN	CO (US)
DP	PITKN (RNAV)			KASE	ASPEN	CO (US)
DP	GRAND JUNCTION	1, 2		KGJT	GRAND JUNCTION	CO (US)
EN ROUTE	V134	1, 2				(US)
EN ROUTE	V220	1, 2				(US)
EN ROUTE	V591	1, 2				(US)
IAP	RNAV (RNP) Z RWY 11			KGJT	GRAND JUNCTION	CO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 05/16/2024

## REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: FAC 1 CLASS CHANGED FROM H TO VH, AND FAC 2 CLASS CHANGED FROM H TO DH.
2. FIX MAKE-UP FACILITIES: FAC 2 MAG BRG CHANGED FROM 182.00 TO 188.00 FOR MAGVAR UPDATE.
3. FIX USE: ADDED DP PITKN (RNAV) AT KASE, AND REMOVED IAP RNAV (GPS) Y RWY 11 AT KGJT.
4. FIX USE: SEPARATED VICTOR ROUTES 134, 220 AND 591 AND ADDED FACS 1 AND 2.
5. REQUIRED CHARTING: ADDED CONTROLLER LOW.
6. REMARKS: REMOVED COORDS DETERMINED BY FAC 1 AND FAC 2 INTERSECT.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: RICHARD CHRISTENSEN

APPROVED BY:

DATE: 11/06/2023

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** PAKPE

**STATE:** CO

**COUNTRY:** US

**ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 390127.45N/1082035.85W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**HOLDING:**

**HOLDING TYPE OF ACTION:**

**FIX USE:**

**USE TYPE**  
IAP

**USE TITLE**  
RNAV (RNP) Z RWY 11

**FAC**

**PAT**

**AIRPORT IDENT**  
KGJT

**CITY**  
GRAND JUNCTION

**STATE**  
CO (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

**DATE OF REVISION:** 08/25/2011

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**DEVELOPED BY:**

**DATE:** 04/06/2011

**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 APP CON, KGJT TOWER

**OTHER:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: SPADA

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 385034.90N/1082623.59W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	GRAND JUNCTION	JNC	VOR/DME	VH	113.07	128.07	21.00	21.00		11000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V26	1				(US)
IAP	LDA RWY 29			KGJT	GRAND JUNCTION	CO (US)
IAP	RNAV (RNP) Z RWY 11			KGJT	GRAND JUNCTION	CO (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 05/16/2024

## REASON FOR REVISION:

1. CHANGED FIX MAKE-UP FACILITY GRAND JUNCTION CLASS FROM "H" TO "VH."
2. CHANGED FIX USE TITLE FROM "LDA/DME RWY 29" TO "LDA RWY 29."
3. CHANGED REQUIRED CHARTING FROM "CONTROLLER" TO "CONTROLLER LOW."

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: DANIEL JOHNSON

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

NAME: WURNI

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 391429.15N/1084003.63W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
IAP

USE TITLE

RNAV (RNP) Z RWY 11

FAC

PAT

AIRPORT IDENT

KGJT

CITY

GRAND JUNCTION

STATE

CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 08/25/2011

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/07/2011

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 APP CON, KGJT TOWER

OTHER:

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** YOVCU

**STATE:** CO

**COUNTRY:** US

**ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 390854.87N/1084422.54W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**HOLDING:**

**HOLDING TYPE OF ACTION:**

**FIX USE:**

**USE TYPE**  
IAP

**USE TITLE**  
RNAV (RNP) Z RWY 11

**FAC**

**PAT**

**AIRPORT IDENT**  
KGJT

**CITY**  
GRAND JUNCTION

**STATE**  
CO (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

**DATE OF REVISION:** 08/25/2011

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**DEVELOPED BY:**

**DATE:** 04/06/2011

**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 APP CON, KGJT TOWER

**OTHER:**