

RADIO FIX AND HOLDING DATA RECORD

NAME: DIRDY STATE: CO COUNTRY: US ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 385548.18N/1073054.31W TYPE: WP, 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	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
DBL	VOR/DME	R-212	43	15000	45000
JNC	VOR/DME	R-082	61	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	ILS OR LOC RWY 17			KMTJ	MONTROSE	CO (US)
IAP	RNAV (GPS) RWY 17			KMTJ	MONTROSE	CO (US)
STAR	POWDR	1, 2		KBKF	AURORA	CO (US)
STAR	POWDR	1, 2		KAPA	DENVER	CO (US)
STAR	POWDR	1, 2		KBJC	DENVER	CO (US)
STAR	POWDR	1, 2		KDEN	DENVER	CO (US)
STAR	POWDR	1, 2		KFTG	DENVER	CO (US)
STAR	POWDR	1, 2		KFNL	FORT COLLINS/LOVELAND	CO (US)
STAR	POWDR	1, 2		KGXY	GREELEY	CO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 01/30/2020

REASON FOR REVISION:

UPDATED FIX USE.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A421 NAME: RUSSELL ROSLEWSKI

APPROVED BY: DATE: 12/03/2019 OFFICE: AJV-A42 NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: GRAND JUNCTION VOR/DME STATE: CO COUNTRY: US ICAO REGION CODE: K2
 LATITUDE/LONGITUDE: 390334.44N/1084733.27W TYPE:

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	GRAND JUNCTION	JNC	VOR/DME	DH							45000

FIX RESTRICTIONS:

MCA V391 10700 SOUTHBOUND
 MCA V187 10700 SOUTHBOUND
 MCA T317 10800 SOUTHEAST BOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SW	JNC	VOR/DME	232.32	052.32	L	1		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
4	SW		WP	232.32	052.32	L		7	10000	45000	10	31

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
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
4	230	AAO	385442.00N/1085903.00W	8012	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	242
2	230	216
2	310	309
3	230	223
4	230	266

REASON FOR NONSTANDARD HOLDING:

PAT 1 TERRAIN AND ATC REQUEST TO FACILITATE HOLDING TO SKI COUNTRY AIRCRAFT
 PAT 2 TERRAIN
 PAT 3 TERRAIN
 PAT 4 TERRAIN AND ATC REQUEST TO FACILITATE HOLDING TO SKI COUNTRY AIRCRAFT

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 12000.
 HOLDING LIMITED TO ESTABLISHED PATTERNS.

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.
 REQUEST CHARTING OF HOLDING PAT 1 ON EN ROUTE HIGH AND HIGH CONTROLLER CHART PER ATC.
 HOLDING PAT 4 ESTABLISHED PER ATC REQUEST TO FACILITATE HOLDING TO SKI COUNTRY AIRCRAFT.
 JNC MAGVAR 15E 1965

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	DENVER			KBKF	AURORA	CO (US)
DP	DENVER			KAPA	DENVER	CO (US)
DP	DENVER			KBJC	DENVER	CO (US)
DP	DENVER			KCFO	DENVER	CO (US)
DP	DENVER			KDEN	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)
EN ROUTE	T317				(US)
EN ROUTE	V134				(US)
EN ROUTE	V187				(US)
EN ROUTE	V220				(US)
EN ROUTE	V26				(US)
EN ROUTE	V382				(US)
EN ROUTE	V391				(US)
EN ROUTE	V484				(US)
EN ROUTE	V591				(US)
EN ROUTE	V8				(US)
IAP	ILS OR LOC RWY 11		KGJT	GRAND JUNCTION	CO (US)
IAP	LDA/DME RWY 29	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 (RNP) Z RWY 8		KRIL	RIFLE	CO (US)
IAP	VOR-A		KCNY	MOAB	UT (US)
STAR	POWDR		KBKF	AURORA	CO (US)
STAR	POWDR		KAPA	DENVER	CO (US)
STAR	POWDR		KBJC	DENVER	CO (US)
STAR	POWDR		KCFO	DENVER	CO (US)
STAR	POWDR		KDEN	DENVER	CO (US)
STAR	POWDR		KFNL	FORT COLLINS/LOVELAND	CO (US)
STAR	POWDR		KGXY	GREELEY	CO (US)
STAR	SPANE		KSLC	SALT LAKE CITY	UT (US)

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

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 24

DATE OF REVISION: 05/16/2024

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: FAC 1 CLASS CHANGED FROM H TO DH.
2. HOLDING RESTRICTIONS: ADDED HOLDING LIMITED TO ESTABLISHED PATTERNS.
3. FIX USE: REMOVED DP PITKN (RNAV) AT KASE.

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: HONKR

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

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 NM	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.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 05/03/2012

OFFICE: AJV-354

NAME: ADOLFO URRUTIA (THERON CYRUS)

APPROVED BY:

DATE: 09/21/2012

OFFICE: AJV-354

NAME: DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:

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

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 V134 13000
MRA V591 13000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

GRAND JUNCTION (FAC 1) AND MEEKER (FAC 2) 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	PITKN (RNAV)			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, 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.
4. REQUIRED CHARTING: ADDED CONTROLLER LOW.

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: SQUAT

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

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 FEET	MRA	MAA
1	GRAND JUNCTION	JNC	VOR/DME	VH	045.31	060.31	30.55	30.55	12000	17500
2	MEEKER	EKR	VOR/DME	DH	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	12700

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, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

1. CHANGED FIX MAKE-UP FACILITIES MEEKER EKR VOR/DME MRA FROM 12000 TO 11700.
2. CHANGED ESV EKR VOR/DME MAX ALTITUDE FROM 17500 TO 12700.
3. UPDATED FIX USE TITLE FOR KRIL DP FROM "SQUAT RNAV" TO "SQUAT (RNAV)".
4. CHANGED REQUIRED CHARTING FROM CONTROLLER TO CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: MICHAEL MCCARTNEY

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE: