

RADIO FIX AND HOLDING DATA RECORD

NAME: ASURE

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 395031.25N/1045411.30W

TYPE: WP, RADAR, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	DENVER	I-DZG	LOC/DME		262.48	270.48	10.31	10.30		6900	9800

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 7	1		KDEN	DENVER	CO (US)
IAP	RNAV (GPS) Y RWY 7			KDEN	DENVER	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/23/2023

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: LORRI DOWNEY

APPROVED BY:

DATE: 02/23/2023

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Nov 09, 2022

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SIGNE

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 393003.23N/1045519.22W

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	MRA	MAA
1	FALCON	FQF	VORTAC	H	220.00	231.00	17.99	17.99	8800	17500
2	JEFFCO	BJC	VOR/DME	VH	146.80	157.80	26.67	26.67	8600	17500
3	DENVER	DEN	VOR/DME	H	205.03	213.03	22.26	22.26	8600	17500
4	MILE HIGH	DVV	VORTAC	H	202.38	210.38	27.34	27.34	8600	17500

FIX RESTRICTIONS:

MCA V160 11500 SOUTHWEST BOUND

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING ALTITUDES MIN DME	ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NW	BJC	VOR/DME	146.80	146.80	R	1	11000	14000	10	11
2	NE	DEN	VOR/DME	205.03	205.03	R	1	11000	14000	10	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	393018.00N/1050903.00W	8157	4E
1	310	AAO	393200.00N/1051554.00W	9239	4E
2	230	AAO	391536.00N/1050600.00W	9945	4E
2	310	AAO	391018.00N/1051148.00W	9994	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	310	330
1	230	200
2	310	300
2	230	270

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 7	KDEN	DENVER	CO (US)
2	ILS OR LOC RWY 7 (ALT MA)	KDEN	DENVER	CO (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
FALCON (FAC 1) AND JEFFCO (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V160	1, 2				(US)
EN ROUTE	V81	1, 2				(US)
IAP	ILS OR LOC RWY 7	1, 2, 3, 4	1, 2	KDEN	DENVER	CO (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 02/23/2023

REASON FOR REVISION:

1. CHANGED PRECIPITOUS TERRAIN FOR HOLDING PAT 1 (230 KTS) FROM 77 TO 200.
2. ADDED 330 PRECIPITOUS TERRAIN TO HOLDING PAT 1 (310 KTS).
3. DELETED PAT 2 (230 KTS) HOLDING OBSTRUCTION 8186 AAO 392336.00N/1050506.00W (4E AC) AND PAT 2 (310 KTS) HOLDING OBSTRUCTION 8954 AAO 392809.00N/1051218.00W (4E AC).
4. ADDED PAT 2 (230 KTS) HOLDING OBSTRUCTION 9945 AAO 391536.00N/1050600.00W (4E AC) WITH PR 270 AND PAT 2 (310 KTS) HOLDING OBSTRUCTION 9994 AAO 391018.00N/1051148.00W (4E AC) WITH PR 300.
5. ADDED "PRECIPITOUS TERRAIN EVALUATION COMPLETED" AND "FALCON (FAC 1) AND JEFFCO (FAC 2) USED TO ESTABLISH FIX COORDINATES" TO REMARKS.
6. ADDED CONTROLLER LOW TO REQUIRED CHARTING.
7. FIX MAKE-UP FACILITIES - FAC 2 JEFFCO VOR-H REVISED TO VOR-VH.

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NAME: CASIMIR TABAKA

SIGNATURE:

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CASIMIR L TABAKA
 Nov 09, 2022



RADIO FIX AND HOLDING DATA RECORD

NAME: SUNKE

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 395027.92N/1044457.81W

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	DENVER	I-DZG	LOC/DME		262.48	270.48	3.20	3.19		5640	9800

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 7	1		KDEN	DENVER	CO (US)
IAP	RNAV (GPS) Y RWY 7			KDEN	DENVER	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 02/23/2023

REASON FOR REVISION:

1. MOVED FIX 0.05 NM (298.57 FT) EAST ALONG COURSE FROM 395027.94N/1044501.64W TO 395027.92N/1044457.81W.
2. CHANGED FAC 1 DENVER DME FROM 3.25 TO 3.20 AND DISTANCE FROM FAC FROM 3.24 NM TO 3.19 NM IN FIX MAKE-UP FACILITIES.

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