

RADIO FIX AND HOLDING DATA RECORD

NAME: AKRON VOR/DME **STATE:** CO **COUNTRY:** US **ICAO REGION CODE:** K2

LATITUDE/LONGITUDE: 400920.00N/1031046.97W **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 FEET	MRA	MAA
1	AKRON	AKO	VOR/DME	H						45000

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

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	E	AKO	VOR/DME	110.00	290.00	R	1	6100 17500	8 16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (08-000379)	400856.00N/1031707.00W	5060	5D
UPN	230	TOWER (08-000462)	395117.00N/1032040.00W	5390	3C

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 6400.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
AKO MAGVAR E13.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DENVER			KBKF	AURORA	CO (US)
DP	PLAINS			KBKF	AURORA	CO (US)
DP	DENVER			KAPA	DENVER	CO (US)
DP	PLAINS			KAPA	DENVER	CO (US)
DP	DENVER			KBJC	DENVER	CO (US)
DP	PLAINS			KBJC	DENVER	CO (US)
DP	DENVER			KCFO	DENVER	CO (US)
DP	PLAINS			KCFO	DENVER	CO (US)
DP	DENVER			KDEN	DENVER	CO (US)
DP	PLAINS			KDEN	DENVER	CO (US)
DP	DENVER			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	PLAINS			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	DENVER			KGXY	GREELEY	CO (US)
DP	PLAINS			KGXY	GREELEY	CO (US)
DP	CANYON			KPUB	PUEBLO	CO (US)
DP	TAKE-OFF MINIMUMS			2V5	WRAY	CO (US)
EN ROUTE	V132					(US)
EN ROUTE	V169					(US)
EN ROUTE	V220					(US)
EN ROUTE	V263					(US)
EN ROUTE	V8					(US)
EN ROUTE	V80					(US)
IAP	VOR RWY 29		1	KAKO	AKRON	CO (US)
IAP	RNAV (GPS) RWY 33			KSTK	STERLING	CO (US)
STAR	LANDR			KDEN	DENVER	CO (US)
STAR	SAYGE			KDEN	DENVER	CO (US)

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

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 17 **DATE OF REVISION:** 01/30/2020

REASON FOR REVISION:

UPDATED FIX USE, ALL REFERENCES TO KFTG (FRONT RANGE) CHANGED TO KCFO (COLORADO AIR AND SPACE PORT).

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** PHILLIP BRANDENBURG

APPROVED BY: **DATE:** **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

SIGNATURE:

DISTRIBUTION: NFDC

FPO: WST
ARTCC: ZDV
ATC FACILITY:
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: BELKE

STATE: NE

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 400122.58N/1020030.69W

TYPE: 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	MC COOK	MCK	VOR/DME	H	253.00	261.00	66.00	66.00		21000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

MC COOK (FAC 1) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PLAINS	1		KBKF	AURORA	CO (US)
DP	PLAINS	1		KAPA	DENVER	CO (US)
DP	PLAINS	1		KBJC	DENVER	CO (US)
DP	PLAINS	1		KCFO	DENVER	CO (US)
DP	PLAINS	1		KDEN	DENVER	CO (US)
DP	PLAINS	1		KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	PLAINS	1		KGXY	GREELEY	CO (US)

REQUIRED CHARTING: DP, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 01/30/2020

REASON FOR REVISION:

UPDATED FIX USE, ALL REFERENCES TO KFTG (FRONT RANGE) CHANGED TO KCFO (COLORADO AIR AND SPACE PORT).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: CABET

STATE: KS

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 393538.96N/1020038.70W

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	THURMAN	TXC	VORTAC	L	084.00	096.00	56.16	56.16	8000	45000
2	GOODLAND	GLD	VORTAC	H	298.00	310.00		19.28	8000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
TXC	VORTAC	R-084	57	18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PLAINS	1, 2		KBKF	AURORA	CO (US)
DP	PLAINS	1, 2		KAPA	DENVER	CO (US)
DP	PLAINS	1, 2		KBJC	DENVER	CO (US)
DP	PLAINS	1, 2		KCFO	DENVER	CO (US)
DP	EXTAN (RNAV)			KDEN	DENVER	CO (US)
DP	PLAINS	1, 2		KDEN	DENVER	CO (US)
DP	PLAINS	1, 2		KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	PLAINS	1, 2		KGXY	GREELEY	CO (US)

REQUIRED CHARTING: DP, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 06/17/2021

REASON FOR REVISION:

1. FIX USE SECTION: REMOVED EXTAN DP @ KAPA, KBJC, KCFO, AND KFNL.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE: 03/11/2021

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: DENVER VOR/DME STATE: CO COUNTRY: US ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 394845.05N/1043938.66W 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	MRA	MAA
1	DENVER	DEN	VOR/DME	H						45000

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	S	DEN	VOR/DME	163.00	343.00	R	1		8100	17500	9	21

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (08-000504)	393220.94N/1043407.87W	6529	4D
1	310	TOWER (08-000111)	392514.36N/1043916.84W	7049	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKE-OFF MINIMUMS	KAPA	DENVER	CO (US)
1	TAKE-OFF MINIMUMS	KBJC	DENVER	CO (US)
1	TAKE-OFF MINIMUMS	KCFO	DENVER	CO (US)
1	TAKE-OFF MINIMUMS	KDEN	DENVER	CO (US)

REMARKS:

MAG VAR: 2015/E08
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DENVER			KBKF	AURORA	CO (US)
DP	PIKES			KBKF	AURORA	CO (US)
DP	PLAINS			KBKF	AURORA	CO (US)
DP	ROCKIES			KBKF	AURORA	CO (US)
DP	YELLOWSTONE			KBKF	AURORA	CO (US)
DP	DENVER			KAPA	DENVER	CO (US)
DP	PIKES			KAPA	DENVER	CO (US)
DP	PLAINS			KAPA	DENVER	CO (US)
DP	ROCKIES			KAPA	DENVER	CO (US)
DP	TAKE-OFF MINIMUMS		1	KAPA	DENVER	CO (US)
DP	YELLOWSTONE			KAPA	DENVER	CO (US)
DP	DENVER			KBJC	DENVER	CO (US)
DP	PIKES			KBJC	DENVER	CO (US)
DP	PLAINS			KBJC	DENVER	CO (US)
DP	ROCKIES			KBJC	DENVER	CO (US)
DP	TAKE-OFF MINIMUMS		1	KBJC	DENVER	CO (US)
DP	YELLOWSTONE			KBJC	DENVER	CO (US)
DP	DENVER			KCFO	DENVER	CO (US)
DP	PIKES			KCFO	DENVER	CO (US)
DP	PLAINS			KCFO	DENVER	CO (US)
DP	ROCKIES			KCFO	DENVER	CO (US)
DP	TAKE-OFF MINIMUMS		1	KCFO	DENVER	CO (US)
DP	YELLOWSTONE			KCFO	DENVER	CO (US)
DP	DENVER			KDEN	DENVER	CO (US)
DP	PIKES			KDEN	DENVER	CO (US)
DP	PLAINS			KDEN	DENVER	CO (US)
DP	ROCKIES			KDEN	DENVER	CO (US)
DP	TAKE-OFF MINIMUMS		1	KDEN	DENVER	CO (US)
DP	YELLOWSTONE			KDEN	DENVER	CO (US)
DP	TAKE-OFF MINIMUMS			KEIK	ERIE	CO (US)
DP	DENVER			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	PIKES			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	PLAINS			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	ROCKIES			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	YELLOWSTONE			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	DENVER			KGXY	GREELEY	CO (US)
DP	PIKES			KGXY	GREELEY	CO (US)
DP	PLAINS			KGXY	GREELEY	CO (US)
DP	ROCKIES			KGXY	GREELEY	CO (US)
DP	YELLOWSTONE			KGXY	GREELEY	CO (US)
IAP	ILS OR LOC RWY 30R			KBJC	DENVER	CO (US)
IAP	ILS OR LOC RWY 16L			KDEN	DENVER	CO (US)

IAP	ILS OR LOC RWY 16R	KDEN	DENVER	CO (US)
IAP	ILS OR LOC RWY 17L	KDEN	DENVER	CO (US)
IAP	ILS OR LOC RWY 17R	KDEN	DENVER	CO (US)
STAR	TOMSN	KBKF	AURORA	CO (US)
STAR	TOMSN	KAPA	DENVER	CO (US)
STAR	TOMSN	KBJC	DENVER	CO (US)
STAR	TOMSN	KCFO	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	TOMSN	KDEN	DENVER	CO (US)
STAR	TOMSN	KFNL	FORT COLLINS/LOVELAND	CO (US)
STAR	TOMSN	KGXY	GREELEY	CO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 05/16/2024

REASON FOR REVISION:

1. FIX USE: ADDED STAR TOMSN AND ASSOCIATED AIRPORTS (KAPA, KBJC, KBKF, KCFO, KFNL, KGXY).
2. REQUIRED CHARTING: ADDED SECTIONAL TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: PARNELL PRASSADA

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 400117.62N/1034611.04W TYPE: WP, 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	DENVER	DEN	VOR/DME	H	064.77	072.77	43.00	43.00	8000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
DEN	VOR/DME	R-065	43	8000	20000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

DENVER (FAC 1) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PLAINS	1		KBKF	AURORA	CO (US)
DP	ECHOO (RNAV)			KAPA	DENVER	CO (US)
DP	PLAINS	1		KAPA	DENVER	CO (US)
DP	ECHOO (RNAV)			KBJC	DENVER	CO (US)
DP	PLAINS	1		KBJC	DENVER	CO (US)
DP	ECHOO (RNAV)			KCFO	DENVER	CO (US)
DP	PLAINS	1		KCFO	DENVER	CO (US)
DP	EEONS (RNAV)			KDEN	DENVER	CO (US)
DP	PLAINS	1		KDEN	DENVER	CO (US)
DP	ECHOO (RNAV)			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	PLAINS	1		KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	ECHOO (RNAV)			KGXY	GREELEY	CO (US)
DP	PLAINS	1		KGXY	GREELEY	CO (US)
DP	ECHOO (RNAV)			KLMO	LONGMONT	CO (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 DATE OF REVISION: 06/17/2021

REASON FOR REVISION:

1. FIX USE SECTION: REMOVED EEONS DP @ KAPA, KBJC, KCFO, AND KFNL.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: MICHAEL GARRITY

APPROVED BY: DATE: 03/08/2021 OFFICE: AJV-A420 NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION: NFDC
FPO: WST
ARTCC: ZDV
ATC FACILITY: DEN DEP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: EMMYS

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 395301.71N/1034405.41W

TYPE: WP, 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	DENVER	DEN	VOR/DME	H	076.00	084.00	43.00	43.00		21000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

DENVER (FAC 1) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PLAINS	1		KBKF	AURORA	CO (US)
DP	ECHOO (RNAV)			KAPA	DENVER	CO (US)
DP	PLAINS	1		KAPA	DENVER	CO (US)
DP	ECHOO (RNAV)			KBJC	DENVER	CO (US)
DP	PLAINS	1		KBJC	DENVER	CO (US)
DP	ECHOO (RNAV)			KCFO	DENVER	CO (US)
DP	PLAINS	1		KCFO	DENVER	CO (US)
DP	EMMYS (RNAV)			KDEN	DENVER	CO (US)
DP	PLAINS	1		KDEN	DENVER	CO (US)
DP	ECHOO (RNAV)			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	PLAINS	1		KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	ECHOO (RNAV)			KGXY	GREELEY	CO (US)
DP	PLAINS	1		KGXY	GREELEY	CO (US)
DP	ECHOO (RNAV)			KLMO	LONGMONT	CO (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 06/17/2021

REASON FOR REVISION:

1. FIX USE SECTION: REMOVED EMMYS DP @ KAPA, KBJC, KCFO, AND KFNL.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE: 03/08/2021

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: EPKEE

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 393534.21N/1034758.30W

TYPE: WP, 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	DENVER	DEN	VOR/DME	H	100.00	108.00	42.00	42.00		23000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

DENVER (FAC 1) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PLAINS	1		KBKF	AURORA	CO (US)
DP	ECHOO (RNAV)			KAPA	DENVER	CO (US)
DP	PLAINS	1		KAPA	DENVER	CO (US)
DP	ECHOO (RNAV)			KBJC	DENVER	CO (US)
DP	PLAINS	1		KBJC	DENVER	CO (US)
DP	ECHOO (RNAV)			KCFO	DENVER	CO (US)
DP	PLAINS			KCFO	DENVER	CO (US)
DP	EPKEE (RNAV)			KDEN	DENVER	CO (US)
DP	PLAINS	1		KDEN	DENVER	CO (US)
DP	ECHOO (RNAV)			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	PLAINS	1		KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	ECHOO (RNAV)			KGXY	GREELEY	CO (US)
DP	PLAINS	1		KGXY	GREELEY	CO (US)
DP	ECHOO (RNAV)			KLMO	LONGMONT	CO (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 03/26/2020

REASON FOR REVISION:

UPDATED FIX USE - DELETED EPKEE (RNAV) SID @ KAPA, KBJC, KCFO, KFNL.
UPDATED FIX USE - ADDED ECHOO (RNAV) SID @ KAPA, KBJC, KCFO, KGXY, KFNL, KLMO.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: ROBERT GRIM

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZDV
ATC FACILITY: DEN DEP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: EXTAN

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 394435.96N/1034526.05W

TYPE: WP, 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	DENVER	DEN	VOR/DME	H	087.38	095.38	42.00	42.00	8000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
DEN	VOR/DME	R-087	42	8000	20000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

DENVER (FAC 1) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PLAINS	1		KBKF	AURORA	CO (US)
DP	ECHOO (RNAV)			KAPA	DENVER	CO (US)
DP	PLAINS	1		KAPA	DENVER	CO (US)
DP	ECHOO (RNAV)			KBJC	DENVER	CO (US)
DP	PLAINS	1		KBJC	DENVER	CO (US)
DP	ECHOO (RNAV)			KCFO	DENVER	CO (US)
DP	PLAINS	1		KCFO	DENVER	CO (US)
DP	EXTAN (RNAV)			KDEN	DENVER	CO (US)
DP	PLAINS	1		KDEN	DENVER	CO (US)
DP	ECHOO (RNAV)			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	PLAINS	1		KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	ECHOO (RNAV)			KGXY	GREELEY	CO (US)
DP	PLAINS	1		KGXY	GREELEY	CO (US)
DP	ECHOO (RNAV)			KLMO	LONGMONT	CO (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 06/17/2021

REASON FOR REVISION:

1. FIX USE SECTION: REMOVED EXTAN DP @ KAPA, KBJC, KCFO, AND KFNL.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE: 03/08/2021

OFFICE: AVJ-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: GARDEN CITY VORTAC STATE: KS COUNTRY: US ICAO REGION CODE: K3
 LATITUDE/LONGITUDE: 375508.41N/1004330.03W 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 FEET	MRA	MAA
1	GARDEN CITY	GCK	VORTAC	VH						45000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

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	N	GCK	VORTAC	353.00	173.00	R	1	4500 6000	5 5
2	E	GCK	VORTAC	105.00	285.00	L	1	4600 6000	5 5
3	N	GCK	VORTAC	352.00	172.00	L	1	4700 6000	13 13

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (20-002166)	375727.00N/1004847.00W	3326	5D
2	200	TOWER (20-001678)	375226.00N/1003326.00W	3270	5D
3	200	TOWER (20-002560)	375524.89N/1003956.22W	3169	1A
3	310	TOWER (20-000554)	375227.00N/1005047.00W	3369	5D

REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUEST
 PAT 3 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED
 ASSIGNED MAGVAR = 11E/1965

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	FTHLS (RNAV)			KCHD	CHANDLER	AZ (US)
DP	LALUZ (RNAV)			KCHD	CHANDLER	AZ (US)
DP	FTHLS (RNAV)			KGEU	GLENDALE	AZ (US)
DP	LALUZ (RNAV)			KGEU	GLENDALE	AZ (US)
DP	FTHLS (RNAV)			KGYR	GOODYEAR	AZ (US)
DP	LALUZ (RNAV)			KGYR	GOODYEAR	AZ (US)
DP	FTHLS (RNAV)			KDVT	PHOENIX	AZ (US)
DP	LALUZ (RNAV)			KDVT	PHOENIX	AZ (US)
DP	FTHLS (RNAV)			KIWA	PHOENIX	AZ (US)
DP	LALUZ (RNAV)			KIWA	PHOENIX	AZ (US)
DP	BALDY			KPHX	PHOENIX	AZ (US)
DP	BROAK (RNAV)			KPHX	PHOENIX	AZ (US)
DP	FORPE (RNAV)			KPHX	PHOENIX	AZ (US)
DP	ST JOHNS			KPHX	PHOENIX	AZ (US)
DP	FTHLS (RNAV)			KSDL	SCOTTSDALE	AZ (US)
DP	LALUZ (RNAV)			KSDL	SCOTTSDALE	AZ (US)
DP	DENVER			KBKF	AURORA	CO (US)
DP	PLAINS			KBKF	AURORA	CO (US)
DP	DENVER			KAPA	DENVER	CO (US)
DP	PLAINS			KAPA	DENVER	CO (US)
DP	DENVER			KBJC	DENVER	CO (US)
DP	PLAINS			KBJC	DENVER	CO (US)
DP	DENVER			KCFO	DENVER	CO (US)
DP	PLAINS			KCFO	DENVER	CO (US)
DP	DENVER			KDEN	DENVER	CO (US)
DP	PLAINS			KDEN	DENVER	CO (US)
DP	DENVER			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	PLAINS			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	DENVER			KGXY	GREELEY	CO (US)
DP	PLAINS			KGXY	GREELEY	CO (US)
EN ROUTE	J110					(US)
EN ROUTE	J154					(US)
EN ROUTE	J18					(US)
EN ROUTE	J28					(US)
EN ROUTE	J96					(US)
EN ROUTE	V10					(US)
EN ROUTE	V17					(US)
EN ROUTE	V255					(US)
EN ROUTE	V74					(US)
IAP	ILS OR LOC RWY 14			KDDC	DODGE CITY	KS (US)
IAP	ILS OR LOC RWY 35		3	KGCK	GARDEN CITY	KS (US)

IAP	RNAV (GPS) RWY 12		KGCK	GARDEN CITY	KS (US)
IAP	RNAV (GPS) RWY 17		KGCK	GARDEN CITY	KS (US)
IAP	RNAV (GPS) RWY 30		KGCK	GARDEN CITY	KS (US)
IAP	RNAV (GPS) RWY 35		KGCK	GARDEN CITY	KS (US)
IAP	VOR RWY 17	1	KGCK	GARDEN CITY	KS (US)
IAP	VOR RWY 35	1	KGCK	GARDEN CITY	KS (US)
IAP	VOR/DME RWY 12	1	KGCK	GARDEN CITY	KS (US)
IAP	VOR/DME RWY 17	1	KGCK	GARDEN CITY	KS (US)
IAP	VOR/DME RWY 30	2	KGCK	GARDEN CITY	KS (US)
IAP	RNAV (GPS) RWY 35		KTQK	SCOTT CITY	KS (US)
STAR	DANDD		KBKF	AURORA	CO (US)
STAR	DANDD		KAPA	DENVER	CO (US)
STAR	DANDD		KBJC	DENVER	CO (US)
STAR	DANDD		KCFO	DENVER	CO (US)
STAR	DANDD		KDEN	DENVER	CO (US)
STAR	DANDD		KFNL	FORT COLLINS/LOVELAND	CO (US)
STAR	DANDD		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: 20

DATE OF REVISION: 08/10/2023

REASON FOR REVISION:

FIX USE: KULS DELETED NDB RWY 12.

6/14/2023: THIS IS A CORRECTED COPY OF THE FORM APPRVED ON 5/10/2023
ADDED PAT 3 TO KGCK ILS OR LOC RWY 35 IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOSEPH ZEDER

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: GOODLAND VORTAC STATE: KS COUNTRY: US ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 392316.32N/1014132.27W 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 FEET	MRA	MAA
1	GOODLAND	GLD	VORTAC	H						45000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

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	SE	GLD	VORTAC	152.37	332.37	R	1	5600 14000	5 18
2	E	GLD	VORTAC	084.00	264.00	R	1 1/2	18000 45000	16 29

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (20-002318)	391908.40N/1014339.28W	4126	2C
1	310	TOWER (20-000741)	392810.00N/1013321.00W	4450	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR RWY 30	KGLD	GOODLAND	KS (US)
1	ILS OR LOC RWY 30 (ALT MISS)	KGLD	GOODLAND	KS (US)

REMARKS:

CHART PATTERN 2 ON EN ROUTE HIGH
PRECIPITOUS TERRAIN EVALUATION COMPLETED
PATTERN 2 PER ATC REQUEST
PAT 1 C-I-H EVALUATED USING TEMPLATE 13 AT 5600
ASSIGNED FACILITY MAGVAR: 12E (1965)

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DENVER			KBKF	AURORA	CO (US)
DP	PLAINS			KBKF	AURORA	CO (US)
DP	DENVER			KAPA	DENVER	CO (US)
DP	PLAINS			KAPA	DENVER	CO (US)
DP	DENVER			KBJC	DENVER	CO (US)
DP	PLAINS			KBJC	DENVER	CO (US)
DP	DENVER			KCFO	DENVER	CO (US)
DP	PLAINS			KCFO	DENVER	CO (US)
DP	DENVER			KDEN	DENVER	CO (US)
DP	PLAINS			KDEN	DENVER	CO (US)
DP	DENVER			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	PLAINS			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	DENVER			KGXY	GREELEY	CO (US)
DP	PLAINS			KGXY	GREELEY	CO (US)
DP	CANYON			KPUB	PUEBLO	CO (US)
EN ROUTE	J146		2			(US)
EN ROUTE	J182		2			(US)
EN ROUTE	J197		2			(US)
EN ROUTE	J80		2			(US)
EN ROUTE	V108					(US)
EN ROUTE	V132					(US)
EN ROUTE	V17					(US)
EN ROUTE	V4					(US)
IAP	LOC RWY 33		1	KITR	BURLINGTON	CO (US)
IAP	NDB RWY 15			KITR	BURLINGTON	CO (US)
IAP	RNAV (GPS) RWY 15			KITR	BURLINGTON	CO (US)
IAP	ILS OR LOC RWY 30 (ALT MISS)		1	KGLD	GOODLAND	KS (US)
IAP	RNAV (GPS) RWY 12			KGLD	GOODLAND	KS (US)
IAP	RNAV (GPS) RWY 23			KGLD	GOODLAND	KS (US)
IAP	RNAV (GPS) RWY 30			KGLD	GOODLAND	KS (US)
IAP	VOR RWY 30		1	KGLD	GOODLAND	KS (US)
IAP	RNAV (GPS) RWY 34			KOEL	OAKLEY	KS (US)
IAP	NDB-A			KSYF	ST FRANCIS	KS (US)
STAR	DANDD			KBKF	AURORA	CO (US)
STAR	OZZZY (RNAV)			KCOS	COLORADO SPRINGS	CO (US)
STAR	DANDD			KAPA	DENVER	CO (US)
STAR	DANDD			KBJC	DENVER	CO (US)
STAR	DANDD			KCFO	DENVER	CO (US)
STAR	DANDD			KDEN	DENVER	CO (US)
STAR	DANDD			KFNL	FORT COLLINS/LOVELAND	CO (US)

STAR DANDD KGXY GREELEY CO (US)

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

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 21

DATE OF REVISION: 01/25/2024

REASON FOR REVISION:

REMOVED KOEL - NDB -A FROM FIX USE

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: DAVID TEFFETELLER

APPROVED BY:

DATE: 01/25/2024

OFFICE: AJV-A433

NAME: DAVID TEFFETELLER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: HAYES CENTER VORTAC

STATE: NE

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 402714.62N/1005524.86W

TYPE:

AIRSPACE DOCKET: 22-ACE-10

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	HAYES CENTER	HCT	VORTAC	VH						45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

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	HCT	VORTAC	306.67	126.67	R	1	5000 6000	5 5
2	E	HCT	VORTAC	069.00	249.00	L	1 1/2	18000 45000	16 29

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	403427.00N/1010509.00W	3399	4E

REASON FOR NONSTANDARD HOLDING:

PAT 2 REQUESTED BY ZDV.

HOLDING RESTRICTIONS:

HOLDING PATTERN 2 TO BE CHARTED ON ENROUTE HIGH AND CONTROLLER CHARTS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: E11/1970.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DENVER			KBKF	AURORA	CO (US)
DP	PLAINS			KBKF	AURORA	CO (US)
DP	DENVER			KAPA	DENVER	CO (US)
DP	PLAINS			KAPA	DENVER	CO (US)
DP	DENVER			KBJC	DENVER	CO (US)
DP	PLAINS			KBJC	DENVER	CO (US)
DP	DENVER			KCFO	DENVER	CO (US)
DP	PLAINS			KCFO	DENVER	CO (US)
DP	DENVER			KDEN	DENVER	CO (US)
DP	PLAINS			KDEN	DENVER	CO (US)
DP	DENVER			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	PLAINS			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	DENVER			KGXY	GREELEY	CO (US)
DP	PLAINS			KGXY	GREELEY	CO (US)
EN ROUTE	J128					(US)
EN ROUTE	J60		2			(US)
EN ROUTE	V148					(US)
EN ROUTE	V8					(US)
IAP	VOR RWY 13			KCZD	COZAD	NE (US)
IAP	RNAV (GPS) RWY 03			KGTE	GOTHENBURG	NE (US)
IAP	VOR-A			KGTE	GOTHENBURG	NE (US)
IAP	ILS OR LOC/DME RWY 12		1	KMCK	MCCOOK	NE (US)
IAP	RNAV (GPS) RWY 12			KMCK	MCCOOK	NE (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 19

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

1. DOCKET: ADDED "22-ACE-10"
2. FIX USE: REMOVED "EN ROUTE V219".
3. HOLDING RESTRICTIONS: REMOVED "UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 6000."

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: HENRY BRADSHAW

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A421

NAME: JASON KRETSCHMER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: MC COOK VOR/DME STATE: NE COUNTRY: US ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 401213.67N/1003539.21W 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 FEET	MRA	MAA
1	MC COOK	MCK	VOR/DME	VH						45000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

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	SE	MCK	VOR/DME	114.00	294.00	R	1	4200 6000	5 5
2	NW	MCK	VOR/DME	303.47	123.47	R	1	5000 6000	5 5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (31-000819)	400837.00N/1003710.00W	3104	3C
2	200	TOWER (31-000819)	400837.00N/1003710.00W	3104	3C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

- PRECIPITOUS TERRAIN EVALUATION COMPLETED.
- ASSIGNED FACILITY MAGVAR: 8 DEGREES EAST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PLAINS			KBKF	AURORA	CO (US)
DP	PLAINS			KAPA	DENVER	CO (US)
DP	PLAINS			KBJC	DENVER	CO (US)
DP	PLAINS			KCFO	DENVER	CO (US)
DP	PLAINS			KDEN	DENVER	CO (US)
DP	PLAINS			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	PLAINS			KGXY	GREELEY	CO (US)
EN ROUTE	J44					(US)
EN ROUTE	V220					(US)
IAP	RNAV (GPS) RWY 16			KNRN	NORTON	KS (US)
IAP	RNAV (GPS) RWY 34			KNRN	NORTON	KS (US)
IAP	NDB RWY 35			KOIN	OBERLIN	KS (US)
IAP	ILS OR LOC/DME RWY 12		2	KMCK	MCCOOK	NE (US)
IAP	RNAV (GPS) RWY 30			KMCK	MCCOOK	NE (US)
IAP	VOR RWY 30		1	KMCK	MCCOOK	NE (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18 DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

- REMOVED KNRN NDB RWY 16 & 34 FROM FIX USE

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A432	NAME: JOSEPH BLANCO
APPROVED BY:	DATE: 06/15/2023	OFFICE: AJV-A430	NAME: JOHNNIE BAKER
SIGNATURE:			

RADIO FIX AND HOLDING DATA RECORD

NAME: TEKMY

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 395834.12N/1022112.32W

TYPE: 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	DENVER	DEN	VOR/DME	H	076.00	084.00	107.00	107.00		21000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

DENVER (FAC 1) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PLAINS	1		KBKF	AURORA	CO (US)
DP	PLAINS	1		KAPA	DENVER	CO (US)
DP	PLAINS	1		KBJC	DENVER	CO (US)
DP	PLAINS	1		KCFO	DENVER	CO (US)
DP	PLAINS	1		KDEN	DENVER	CO (US)
DP	PLAINS	1		KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	PLAINS	1		KGXY	GREELEY	CO (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 01/30/2020

REASON FOR REVISION:

UPDATED FIX USE, ALL REFERENCES TO KFTG (FRONT RANGE) CHANGED TO KCFO (COLORADO AIR AND SPACE PORT).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: THURMAN VORTAC STATE: CO COUNTRY: US ICAO REGION CODE: K2
 LATITUDE/LONGITUDE: 394153.94N/1031253.78W 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	FEET	MRA	MAA
1	THURMAN	TXC	VORTAC	VL							45000

HOLDING: HOLDING TYPE OF ACTION: CANCEL

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DENVER			KBKF	AURORA	CO (US)
DP	PLAINS			KBKF	AURORA	CO (US)
DP	DENVER			KAPA	DENVER	CO (US)
DP	PLAINS			KAPA	DENVER	CO (US)
DP	DENVER			KBJC	DENVER	CO (US)
DP	PLAINS			KBJC	DENVER	CO (US)
DP	DENVER			KCFO	DENVER	CO (US)
DP	PLAINS			KCFO	DENVER	CO (US)
DP	DENVER			KDEN	DENVER	CO (US)
DP	PLAINS			KDEN	DENVER	CO (US)
DP	DENVER			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	PLAINS			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	DENVER			KGXY	GREELEY	CO (US)
DP	PLAINS			KGXY	GREELEY	CO (US)
DP	CANYON			KPUB	PUEBLO	CO (US)
EN ROUTE	V148					(US)
EN ROUTE	V169					(US)
EN ROUTE	V4					(US)
IAP	RNAV (GPS) RWY 15			KITR	BURLINGTON	CO (US)
IAP	ILS OR LOC RWY 17			KCFO	DENVER	CO (US)
STAR	DANDD			KBKF	AURORA	CO (US)
STAR	QUAIL			KBKF	AURORA	CO (US)
STAR	DANDD			KAPA	DENVER	CO (US)
STAR	QUAIL			KAPA	DENVER	CO (US)
STAR	DANDD			KBJC	DENVER	CO (US)
STAR	QUAIL			KBJC	DENVER	CO (US)
STAR	DANDD			KCFO	DENVER	CO (US)
STAR	QUAIL			KCFO	DENVER	CO (US)
STAR	DANDD			KDEN	DENVER	CO (US)
STAR	QUAIL			KDEN	DENVER	CO (US)
STAR	DANDD			KFNL	FORT COLLINS/LOVELAND	CO (US)
STAR	QUAIL			KFNL	FORT COLLINS/LOVELAND	CO (US)
STAR	DANDD			KGXY	GREELEY	CO (US)
STAR	QUAIL			KGXY	GREELEY	CO (US)

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

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 10 DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

HOLDING: CANCELED AND REMOVED ALL ASSOCIATED REMARKS.
 COMPULSORY REPORTING POINT: CHANGED FROM NO TO LOW.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A442	NAME: DAN POWELL
APPROVED BY:	DATE: 11/30/2023	OFFICE: AJV-A440	NAME: DAVID DANNER
SIGNATURE:			

RADIO FIX AND HOLDING DATA RECORD

NAME: WEEDS

STATE: KS

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 390643.27N/1020046.77W

TYPE: WP, 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	DENVER	DEN	VOR/DME	H	100.00	108.00	130.00	130.00		23000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

DENVER (FAC 1) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PLAINS	1		KBKF	AURORA	CO (US)
DP	PLAINS	1		KAPA	DENVER	CO (US)
DP	EPKEE			KBJC	DENVER	CO (US)
DP	PLAINS	1		KBJC	DENVER	CO (US)
DP	EPKEE			KCFO	DENVER	CO (US)
DP	PLAINS	1		KCFO	DENVER	CO (US)
DP	EPKEE			KDEN	DENVER	CO (US)
DP	PLAINS	1		KDEN	DENVER	CO (US)
DP	EPKEE			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	PLAINS	1		KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	PLAINS	1		KGXY	GREELEY	CO (US)
IAP	EPKEE			KAPA	DENVER	CO (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 01/30/2020

REASON FOR REVISION:

UPDATED FIX USE, ALL REFERENCES TO KFTG (FRONT RANGE) CHANGED TO KCFO (COLORADO AIR AND SPACE PORT).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE:

OFFICE: AVJ-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZDV, ZKC
ATC FACILITY: DEN DEP CON
OTHER: