

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 385457.26N/1042356.46W 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	BLACK FOREST	BRK	VOR/DME	VH	090.80	098.80	11.11	11.11	9000	17500
2	PUEBLO	PUB	VORTAC	VH	354.19	002.19	37.29	37.29	7600	17500
3	DENVER	DEN	VOR/DME	H	159.15	167.15	55.11	55.11	11000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
DEN	VOR/DME	R-159	56	11000	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	SE		WP	115.97	295.97	R		7	9000 17500	10 17
2	E	BRK	VOR/DME	090.80	270.80	L	1		9000 17500	11 18
3	E		WP	091.90	271.90	R		10	9800 17500	15 17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	WINDMILL (08-025452)	385853.10N/1041751.04W	7374	1A
2	230	WINDMILL (08-025452)	385853.10N/1041751.04W	7374	1A
2	310	WINDMILL (08-025452)	385853.10N/1041751.04W	7374	1A
3	230	AAO	390415.00N/1043048.00W	7408	4B
3	310	AAO	390415.00N/1043221.00W	7634	4B

REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUESTED

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	ILS OR LOC RWY 35R	KCOS	COLORADO SPRINGS	CO (US)
3	RNAV (GPS) RWY 33	KFLY	COLORADO SPRINGS	CO (US)

REMARKS:

PUEBLO (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITIOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PIKES	1, 2, 3		KBKF	AURORA	CO (US)
DP	PIKES	1, 2, 3		KAPA	DENVER	CO (US)
DP	PIKES	1, 2, 3		KBJC	DENVER	CO (US)
DP	PIKES	1, 2, 3		KCFO	DENVER	CO (US)
DP	PIKES	1, 2, 3		KDEN	DENVER	CO (US)
DP	PIKES	1, 2, 3		KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	PIKES	1, 2, 3		KGXY	GREELEY	CO (US)
EN ROUTE	V108	1, 2, 3				(US)
EN ROUTE	V389	1, 2, 3				(US)
IAP	ILS OR LOC RWY 17L	1, 2	2	KCOS	COLORADO SPRINGS	CO (US)
IAP	ILS OR LOC RWY 35L	1, 2	2	KCOS	COLORADO SPRINGS	CO (US)
IAP	ILS OR LOC RWY 35R	1, 2	2	KCOS	COLORADO SPRINGS	CO (US)
IAP	ILS RWY 17L (SA CAT I & II)	1, 2	2	KCOS	COLORADO SPRINGS	CO (US)
IAP	ILS RWY 35L (SA CAT II)	1, 2	2	KCOS	COLORADO SPRINGS	CO (US)
IAP	NDB RWY 35L	1, 2	2	KCOS	COLORADO SPRINGS	CO (US)
IAP	RNAV (GPS) RWY 31		1	KCOS	COLORADO SPRINGS	CO (US)
IAP	RNAV (GPS) Y RWY 17L			KCOS	COLORADO SPRINGS	CO (US)
IAP	RNAV (GPS) Y RWY 17R			KCOS	COLORADO SPRINGS	CO (US)
IAP	RNAV (GPS) Y RWY 35L		1	KCOS	COLORADO SPRINGS	CO (US)
IAP	RNAV (GPS) Y RWY 35R		1	KCOS	COLORADO SPRINGS	CO (US)
IAP	RNAV (RNP) Z RWY 17L			KCOS	COLORADO SPRINGS	CO (US)
IAP	RNAV (RNP) Z RWY 17R			KCOS	COLORADO SPRINGS	CO (US)
IAP	RNAV (RNP) Z RWY 35L		1	KCOS	COLORADO SPRINGS	CO (US)
IAP	RNAV (RNP) Z RWY 35R		1	KCOS	COLORADO SPRINGS	CO (US)
IAP	VOR RWY 17L	1, 2	2	KCOS	COLORADO SPRINGS	CO (US)
IAP	RNAV (GPS) RWY 33		3	KFLY	COLORADO SPRINGS	CO (US)
IAP	RNAV (GPS) RWY 15		3	KFLY	COLORADO SPRINGS	CO (US)
STAR	OZZZY (RNAV)			KCOS	COLORADO SPRINGS	CO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

PATTERNS: PAT 3 AMENDED MIN/MAX HOLDING ALTITUDES FROM "9000/9800" TO "9800/17500".

PATTERNS: PAT 3 AMENDED MIN/MAX TEMPLATES FROM "15/16" TO "15/17".

CONTROLLING OBSTRUCTIONS: CHANGED PAT 3 CONTROLLING OBSTACLE FROM "7596 AAO 390415.00N/1043042.00W" TO "7408 AAO 390415.00N/1043048.00W".

CONTROLLING OBSTRUCTIONS: CHANGED PAT 3 CIH CONTROLLING OBSTACLES FROM "7628 AAO 390415.00N/1043218.00W" TO "7634 AAO 390415.00N/1043221.00W".

FIX USE: AMENDED USE TYPE "KCOS ILS RWY 17L (SA CAT I)" TO "KCOS ILS RWY 17L (SA CAT I & II)".

FIX USE: REMOVED USE TYPE "KCOS ILS RWY 17L (SA CAT II)".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: TRAVIS BRISTOW

APPROVED BY:

DATE: 01/16/2025

OFFICE: AJV-A421

NAME: DAVID DANNER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: ALAMOSA VORTAC **STATE:** CO **COUNTRY:** US **ICAO REGION CODE:** K2
LATITUDE/LONGITUDE: 372056.97N/1054855.92W **TYPE:**
AIRSPACE DOCKET: 97-ANM-02 **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	ALAMOSA	ALS	VORTAC	H						45000

FIX RESTRICTIONS:

MCA V83 10400 SOUTHBOUND
 MCA V210 11200 WESTBOUND

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	ALS	VORTAC	322.00	142.00	R	1	11000 14000	9 18
2	SE	ALS	VORTAC	121.38	301.38	R	1-1 1/2	10700 17500	9 16
3	SE		WP	126.43	306.43	R		11600 14000	10 18
4	NW	ALS	VORTAC	321.91	141.91	R	1-1 1/2	11000 17500	10 21

CONTROLLING OBSTRUCTIONS:

PAT	AIR SPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	371248.00N/1054830.00W	9416	4E
1	310	AAO	370821.00N/1054924.00W	9666	4E
2	230	AAO	371225.00N/1054722.00W	9384	4E
2	310	AAO	371248.00N/1052136.00W	9439	4E
3	230	AAO	371248.00N/1054830.00W	9416	4E
3	310	AAO	371603.00N/1051854.00W	10597	4E
4	230	AAO	371248.00N/1054830.00W	9416	4E
4	310	AAO	370821.00N/1054924.00W	9666	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
3	310	180

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 2	KALS	ALAMOSA	CO (US)
2	TAKE-OFF MINIMUMS	KALS	ALAMOSA	CO (US)
2	TAKE-OFF MINIMUMS	KMVI	MONTE VISTA	CO (US)
3	RNAV (GPS)-B	KMVI	MONTE VISTA	CO (US)
4	VOR-B	KALS	ALAMOSA	CO (US)

REMARKS:

ASSIGNED FACILITY MAG VAR: 13E 1965
 PRECIPITOUS TERRAIN EVALUATION COMPLETED
 PATTERN 3 310K OBSTACLE IN SECONDARY AREA. PRIMARY EQUIVALENT = 10420

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL DP	DELTS (RNAV)		3	CO92	FORT GARLAND	CO (US)
SPECIAL IAP	RNAV (GPS) M RWY 3			CO92	FORT GARLAND	CO (US)
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	BROAK (RNAV)			KPHX	PHOENIX	AZ (US)
DP	FORPE (RNAV)			KPHX	PHOENIX	AZ (US)
DP	FTHLS (RNAV)			KSDL	SCOTTSDALE	AZ (US)
DP	LALUZ (RNAV)			KSDL	SCOTTSDALE	AZ (US)
DP	TAKE-OFF MINIMUMS		2	KALS	ALAMOSA	CO (US)
DP	ASPEN			KASE	ASPEN	CO (US)
DP	PIKES			KBKF	AURORA	CO (US)
DP	SPRINGS			KCOS	COLORADO SPRINGS	CO (US)
DP	PIKES			KAPA	DENVER	CO (US)
DP	PIKES			KBJC	DENVER	CO (US)

DP	PIKES		KCFO	DENVER	CO (US)
DP	PIKES		KDEN	DENVER	CO (US)
DP	PIKES		KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	PIKES		KGXY	GREELEY	CO (US)
DP	TAKE-OFF MINIMUMS	2	KMVI	MONTE VISTA	CO (US)
DP	CANYON		KPUB	PUEBLO	CO (US)
DP	ALBUQUERQUE		KABQ	ALBUQUERQUE	NM (US)
EN ROUTE	J102				(US)
EN ROUTE	J110				(US)
EN ROUTE	J13				(US)
EN ROUTE	J206				(US)
EN ROUTE	J44				(US)
EN ROUTE	V210				(US)
EN ROUTE	V368				(US)
EN ROUTE	V484				(US)
EN ROUTE	V83				(US)
IAP	ILS OR LOC RWY 2	1	KALS	ALAMOSA	CO (US)
IAP	RNAV (GPS) RWY 2		KALS	ALAMOSA	CO (US)
IAP	RNAV (GPS) RWY 20		KALS	ALAMOSA	CO (US)
IAP	VOR-B	4	KALS	ALAMOSA	CO (US)
IAP	RNAV (GPS) RWY 20		KMVI	MONTE VISTA	CO (US)
IAP	RNAV (GPS)-B	3	KMVI	MONTE VISTA	CO (US)
IAP	VOR/DME-A	2	KMVI	MONTE VISTA	CO (US)
STAR	LARKS		KBKF	AURORA	CO (US)
STAR	DEBERRY		KCOS	COLORADO SPRINGS	CO (US)
STAR	LARKS		KAPA	DENVER	CO (US)
STAR	LARKS		KBJC	DENVER	CO (US)
STAR	LARKS		KCFO	DENVER	CO (US)
STAR	LARKS		KDEN	DENVER	CO (US)
STAR	LARKS		KFNL	FORT COLLINS/LOVELAND	CO (US)
STAR	LARKS		KGXY	GREELEY	CO (US)

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

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 20

DATE OF REVISION: 06/16/2022

REASON FOR REVISION:

1. ADDED PAT 4 KALS VOR-B TO PROCEDURES REQUIRING CLIMB-IN-HOLD.
2. ADDED HOLDING PAT 1 TO KALS ILS OR LOC RWY 2 FIX USE.
3. ADDED FTHLS (RNAV) SID TO KCHD, KGEU, KGYR, KIWA, KDVT, AND KSDL FIX USE.
4. ADDED LALUZ (RNAV) SID TO KCHD, KGEU, KGYR, KIWA, KDVT, AND KSDL FIX USE.
5. ADDED BROAK (RNAV) SID TO KPHX FIX USE.
6. ADDED FORPE (RNAV) SID TO KPHX FIX USE.
7. ADDED SPECIAL DP DELTS (RNAV) SID TO C092 FIX USE.
8. ADDED SPECIAL IAP RNAV (GPS) M RWY 3 TO C092 FIX USE.
9. REQUIRED CHARTING: ADDED SPECIAL IAP.
10. REQUIRED CHARTING: ADDED SPECIAL DP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: VICTOR BOONE

APPROVED BY:

DATE: 06/16/2022

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: BINKE

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 380025.59N/1053533.62W

TYPE: 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	FAC FEET	MRA	MAA
1	ALAMOSA	ALS	VORTAC	H	002.00	015.00	40.83	40.83		23000	45000
2	PUEBLO	PUB	VORTAC	H	245.00	253.00		57.68		23000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ALAMOSA (FAC 1) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

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

REQUIRED CHARTING: DP, EN ROUTE HIGH

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
ATC FACILITY: DEN APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 385640.24N/1043800.48W 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	MRA	MAA
1	BLACK FOREST	BRK	VOR/DME	H						17500

FIX RESTRICTIONS:

MCA V611 10000 NORTHEAST BOUND
MCA V81 10000 NORTHWEST BOUND
MCA V108 10700 WESTBOUND

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	N	BRK	VOR/DME	339.00	159.00	L	1		10000	14000	9	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (08-000087)	390246.00N/1044140.00W	7940	3A
1	310	AAO	390818.00N/1045033.59W	8055	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 TERRAIN

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	SPRINGS	KCOS	COLORADO SPRINGS	CO (US)
1	TAKEOFF MINIMUMS	KCOS	COLORADO SPRINGS	CO (US)

REMARKS:

PRECIPITOUS TERRAIN EVAL COMPLETED.
CHART PATTERN 1 ON LOW ENROUTE ALTITUDE CHART.
ASSIGNED FACILITY MAG VAR 8E/2020.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ASPEN			KASE	ASPEN	CO (US)
DP	DENVER			KBKF	AURORA	CO (US)
DP	PIKES			KBKF	AURORA	CO (US)
DP	SPRINGS		1	KCOS	COLORADO SPRINGS	CO (US)
DP	TAKEOFF MINIMUMS		1	KCOS	COLORADO SPRINGS	CO (US)
DP	DENVER			KAPA	DENVER	CO (US)
DP	PIKES			KAPA	DENVER	CO (US)
DP	DENVER			KBJC	DENVER	CO (US)
DP	PIKES			KBJC	DENVER	CO (US)
DP	DENVER			KCFO	DENVER	CO (US)
DP	PIKES			KCFO	DENVER	CO (US)
DP	DENVER			KDEN	DENVER	CO (US)
DP	PIKES			KDEN	DENVER	CO (US)
DP	DENVER			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	PIKES			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	DENVER			KGXY	GREELEY	CO (US)
DP	PIKES			KGXY	GREELEY	CO (US)
DP	CANYON			KPUB	PUEBLO	CO (US)
EN ROUTE	V108					(US)
EN ROUTE	V611					(US)
EN ROUTE	V81					(US)
EN ROUTE	V83					(US)
IAP	ILS OR LOC RWY 17L			KCOS	COLORADO SPRINGS	CO (US)
IAP	ILS OR LOC RWY 35L			KCOS	COLORADO SPRINGS	CO (US)
IAP	ILS OR LOC RWY 35R			KCOS	COLORADO SPRINGS	CO (US)
IAP	ILS RWY 17L (SA CAT I-II)			KCOS	COLORADO SPRINGS	CO (US)
IAP	ILS RWY 35L (SA CAT II)			KCOS	COLORADO SPRINGS	CO (US)
IAP	VOR RWY 17L			KCOS	COLORADO SPRINGS	CO (US)
IAP	ILS OR LOC RWY 08R			KPUB	PUEBLO	CO (US)
IAP	VOR RWY 26L			KPUB	PUEBLO	CO (US)
STAR	LARKS			KBKF	AURORA	CO (US)
STAR	QUAIL			KBKF	AURORA	CO (US)
STAR	DEBERRY			KCOS	COLORADO SPRINGS	CO (US)
STAR	LARKS			KAPA	DENVER	CO (US)

STAR	QUAIL	KAPA	DENVER	CO (US)
STAR	LARKS	KBJC	DENVER	CO (US)
STAR	QUAIL	KBJC	DENVER	CO (US)
STAR	LARKS	KCFO	DENVER	CO (US)
STAR	QUAIL	KCFO	DENVER	CO (US)
STAR	LARKS	KDEN	DENVER	CO (US)
STAR	QUAIL	KDEN	DENVER	CO (US)
STAR	LARKS	KFNL	FORT COLLINS/LOVELAND	CO (US)
STAR	QUAIL	KFNL	FORT COLLINS/LOVELAND	CO (US)
STAR	LARKS	KGXY	GREELEY	CO (US)
STAR	QUAIL	KGXY	GREELEY	CO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 21

DATE OF REVISION: 09/08/2022

REASON FOR REVISION:

1. ADDED IAP VOR RWY 17L KCOS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL OLVERA

APPROVED BY:

DATE: 07/14/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

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 LENGTH TIME 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: DRAKE

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 383624.05N/1042451.18W

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	PUEBLO	PUB	VORTAC	VH	354.19	002.19	18.74	18.74	7600	17500
2	HUGO	HGO	VOR/DME	VH	244.50	251.50		39.32	7600	17500
3	BLACK FOREST	BRK	VOR/DME	VH	145.00	153.00	22.71	22.71	9000	17500
4	BUTTS	FCS	VOR/DME	T	093.29	105.29	16.71	16.71	7000	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	N	PUB	VORTAC	354.19	174.19	R	1	9000	17500
2	S		WP	173.19	353.19	R	7	9000	17500

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	385121.00N/1043348.00W	6838	4E
2	230	AAO	384154.00N/1041739.00W	6152	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PIKES	1, 2, 3		KBKF	AURORA	CO (US)
DP	SPRINGS	1, 2, 3		KCOS	COLORADO SPRINGS	CO (US)
DP	FALCON (RNAV)			KFLY	COLORADO SPRINGS	CO (US)
DP	PIKES	1, 2, 3		KAPA	DENVER	CO (US)
DP	PIKES	1, 2, 3		KBJC	DENVER	CO (US)
DP	PIKES	1, 2, 3		KCFO	DENVER	CO (US)
DP	PIKES	1, 2, 3		KDEN	DENVER	CO (US)
DP	TAKEOFF MINIMUMS	4		KFCS	FORT CARSON	CO (US)
DP	PIKES	1, 2, 3		KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	PIKES	1, 2, 3		KGXY	GREELEY	CO (US)
EN ROUTE	V389	1, 2, 3				(US)
EN ROUTE	V83	1, 2, 3				(US)
IAP	ILS OR LOC RWY 17L	1, 2	1	KCOS	COLORADO SPRINGS	CO (US)
IAP	ILS OR LOC RWY 35L	3		KCOS	COLORADO SPRINGS	CO (US)
IAP	ILS OR LOC RWY 35R	1, 2, 3	1	KCOS	COLORADO SPRINGS	CO (US)
IAP	ILS RWY 17L (SA CAT I & II)	1, 2	1	KCOS	COLORADO SPRINGS	CO (US)
IAP	ILS RWY 35L (SA CAT II)	3		KCOS	COLORADO SPRINGS	CO (US)
IAP	RNAV (GPS) Y RWY 17L		2	KCOS	COLORADO SPRINGS	CO (US)
IAP	RNAV (GPS) Y RWY 17R		2	KCOS	COLORADO SPRINGS	CO (US)
IAP	RNAV (GPS) Y RWY 35L			KCOS	COLORADO SPRINGS	CO (US)
IAP	RNAV (GPS) Y RWY 35R			KCOS	COLORADO SPRINGS	CO (US)
IAP	RNAV (RNP) Z RWY 17L		2	KCOS	COLORADO SPRINGS	CO (US)
IAP	RNAV (RNP) Z RWY 17R		2	KCOS	COLORADO SPRINGS	CO (US)
IAP	RNAV (RNP) Z RWY 35L			KCOS	COLORADO SPRINGS	CO (US)
IAP	RNAV (RNP) Z RWY 35R			KCOS	COLORADO SPRINGS	CO (US)
IAP	RNAV (GPS) RWY 33			KFLY	COLORADO SPRINGS	CO (US)
IAP	RNAV (GPS) RWY 17			KPUB	PUEBLO	CO (US)
IAP	RNAV (GPS) RWY 26L			KPUB	PUEBLO	CO (US)
STAR	OZZZY(RNAV)			KCOS	COLORADO SPRINGS	CO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18

DATE OF REVISION: 04/17/2025

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: REMOVED FAC 4 IRONHORSE (IHS) NDB AND UPDATED BUTTS (FCS) VOR/DME FROM FAC 5 TO FAC 4.
2. HOLDING PATTERNS: REMOVED PAT 3 IHS NDB.
3. CONTROLLING OBSTRUCTIONS: REMOVED PAT 3.
4. FIX USE: CHANGED KFCS TAKEOFF MINIMUMS FROM FAC 5 TO FAC 4.
5. FIX USE: REMOVED IAP COPTER NDB 318 AT KFCS.
6. REQUIRED CHARTING: REMOVED MILITARY IAP.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A421	NAME: TIMOTHY JOHNSON
APPROVED BY:	DATE: 03/13/2025	OFFICE: AJV-A421	NAME: DAVID DANNER
	SIGNATURE:		

RADIO FIX AND HOLDING DATA RECORD

NAME: HUGO VOR/DME STATE: CO COUNTRY: US ICAO REGION CODE: K2
 LATITUDE/LONGITUDE: 384903.00N/1033717.00W 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	HUGO	HGO	VOR/DME	H							45000

FIX RESTRICTIONS:

MCA V108 7100 WESTBOUND

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	SE	HGO	VOR/DME	131.63	311.63	L	1		10500	45000	9	29
2	SE		WP	128.00	308.00	L		10	13000	45000	15	30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	384827.70N/1034147.30W	5721	4D
2	230	AAO	385045.00N/1034803.00W	5764	4D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
 PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS

REMARKS:

PAT 2 10 NM LEGS PER ATC REQUEST
 PRECIPITOUS TERRAIN EVALUATION COMPLETED
 ASSIGNED FACILITY MAGVAR 07 DEGREES EAST EPOCH YEAR 2020

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	SPRINGS			KCOS	COLORADO SPRINGS	CO (US)
DP	DENVER			KAPA	DENVER	CO (US)
DP	PIKES			KAPA	DENVER	CO (US)
DP	DENVER			KBJC	DENVER	CO (US)
DP	PIKES			KBJC	DENVER	CO (US)
DP	DENVER			KCFO	DENVER	CO (US)
DP	PIKES			KCFO	DENVER	CO (US)
DP	DENVER			KDEN	DENVER	CO (US)
DP	PIKES			KDEN	DENVER	CO (US)
DP	DENVER			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	PIKES			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	DENVER			KGXY	GREELEY	CO (US)
DP	PIKES			KGXY	GREELEY	CO (US)
DP	CANYON			KPUB	PUEBLO	CO (US)
EN ROUTE	J171					(US)
EN ROUTE	J197					(US)
EN ROUTE	J20					(US)
EN ROUTE	J24					(US)
EN ROUTE	J52					(US)
EN ROUTE	V108					(US)
EN ROUTE	V169					(US)
EN ROUTE	V263					(US)
EN ROUTE	V366					(US)
IAP	ILS OR LOC RWY 17L			KCOS	COLORADO SPRINGS	CO (US)
IAP	ILS OR LOC RWY 35L			KCOS	COLORADO SPRINGS	CO (US)
IAP	ILS OR LOC RWY 35R			KCOS	COLORADO SPRINGS	CO (US)
IAP	ILS RWY 17L (SA CAT I/II)			KCOS	COLORADO SPRINGS	CO (US)
IAP	NDB RWY 35L			KCOS	COLORADO SPRINGS	CO (US)
IAP	ILS OR LOC RWY 17L			KDEN	DENVER	CO (US)
STAR	DANDD			KBKF	AURORA	CO (US)
STAR	QUAIL		1	KBKF	AURORA	CO (US)
STAR	OZZZY (RNAV)		2	KCOS	COLORADO SPRINGS	CO (US)
STAR	DANDD			KAPA	DENVER	CO (US)
STAR	QUAIL		1	KAPA	DENVER	CO (US)
STAR	DANDD			KBJC	DENVER	CO (US)
STAR	QUAIL		1	KBJC	DENVER	CO (US)
STAR	DANDD			KCFO	DENVER	CO (US)
STAR	QUAIL		1	KCFO	DENVER	CO (US)

STAR	DANDD		KDEN	DENVER	CO (US)
STAR	QUAIL	1	KDEN	DENVER	CO (US)
STAR	QUAIL	1	KFNL	FORT COLLINS/LOVELAND	CO (US)
STAR	QUAIL	1	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: 11

DATE OF REVISION: 09/10/2020

REASON FOR REVISION:

UPDATED HOLDING PATTERNS: PAT 1 LEG TIME

UPDATED FIX USE: USE TYPE ADDED ILS OR LOC RWY 17L KDEN

CHANGED UNPLANNED HOLDING RESTRICTIONS TO HOLDING LIMITED TO ESTABLISHED PATTERNS

UPDATED HOLDING OBSTACLES

CHANGED REMARK FROM PAT MIN TEMPLATE OF 15 PER ATC REQUEST TO PAT 2 10 NM LEGS REQUESTED PER ATC

ADDED FACILITY MAGVAR REMARK

ADDED FIX RESTRICTIONS: MCA V108 7100 WESTBOUND

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: JOSHUA DUGAN

APPROVED BY:

DATE:

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: PUEBLO VORTAC STATE: CO COUNTRY: US ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 381739.31N/1042546.01W TYPE:

AIRSPACE DOCKET: 16-AGL-02 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	PUEBLO	PUB	VORTAC	H						45000

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	E	PUB	VORTAC	069.22	249.22	R	1	7400 45000	8 29
2	E		WP	069.22	249.22	R	7	7400 45000	9 30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (08-000066)	382224.00N/1043329.00W	6303	4D
1	310	TOWER (08-000066)	382224.00N/1043329.00W	6303	4D
2	230	TOWER (08-000066)	382224.00N/1043329.00W	6306	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKE-OFF MINIMUMS	KPUB	PUEBLO	CO (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PAT 1 230K OBSTACLE LOCATED 8412 FEET INTO SECONDARY.
 PAT 2 230K OBSTACLE LOCATED 5740 FEET INTO SECONDARY.
 PUB MAGVAR 8E 2020.
 CHART HOLDING PAT 1 ON EN ROUTE HIGH AND CONTROLLER HIGH CHART PER ATC TO ISSUE HOLDING TO SKI COUNTRY AIRCRAFT.
 HOLDING PAT 2 REQUESTED BY ATC TO FACILITATE HOLDING TO SKI COUNTRY AIRCRAFT.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ASPEN			KASE	ASPEN	CO (US)
DP	DENVER			KBKF	AURORA	CO (US)
DP	PIKES			KBKF	AURORA	CO (US)
DP	PUEBLO (RNAV) (OBSTACLE)			KAEJ	BUENA VISTA	CO (US)
DP	TAKE-OFF MINIMUMS			1V6	CANON CITY	CO (US)
DP	SPRINGS			KCOS	COLORADO SPRINGS	CO (US)
DP	DENVER			KAPA	DENVER	CO (US)
DP	PIKES			KAPA	DENVER	CO (US)
DP	DENVER			KBJC	DENVER	CO (US)
DP	PIKES			KBJC	DENVER	CO (US)
DP	DENVER			KCFO	DENVER	CO (US)
DP	PIKES			KCFO	DENVER	CO (US)
DP	DENVER			KDEN	DENVER	CO (US)
DP	PIKES			KDEN	DENVER	CO (US)
DP	DENVER			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	PIKES			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	DENVER			KGXY	GREELEY	CO (US)
DP	PIKES			KGXY	GREELEY	CO (US)
DP	CANYON			KPUB	PUEBLO	CO (US)
DP	TAKE-OFF MINIMUMS		1	KPUB	PUEBLO	CO (US)
EN ROUTE	J104					(US)
EN ROUTE	J17					(US)
EN ROUTE	J28					(US)
EN ROUTE	J64					(US)
EN ROUTE	Q37					(US)
EN ROUTE	V10					(US)
EN ROUTE	V244					(US)
EN ROUTE	V389					(US)
EN ROUTE	V611					(US)
EN ROUTE	V81					(US)
EN ROUTE	V83					(US)
IAP	RNAV (RNP) Z RWY 29			1V6	CANON CITY	CO (US)
IAP	ILS OR LOC RWY 17L			KCOS	COLORADO SPRINGS	CO (US)
IAP	ILS OR LOC RWY 35L			KCOS	COLORADO SPRINGS	CO (US)
IAP	ILS OR LOC RWY 35R			KCOS	COLORADO SPRINGS	CO (US)
IAP	ILS RWY 17L (SA CAT I-II)			KCOS	COLORADO SPRINGS	CO (US)
IAP	ILS RWY 35L (SA CAT II)			KCOS	COLORADO SPRINGS	CO (US)
IAP	NDB RWY 35L			KCOS	COLORADO SPRINGS	CO (US)
IAP	RNAV (GPS) RWY 31			KCOS	COLORADO SPRINGS	CO (US)

IAP	RNAV (GPS) Y RWY 17R	KCOS	COLORADO SPRINGS	CO (US)
IAP	RNAV (GPS) Y RWY 35L	KCOS	COLORADO SPRINGS	CO (US)
IAP	RNAV (GPS) Y RWY 35R	KCOS	COLORADO SPRINGS	CO (US)
IAP	RNAV (RNP) Z RWY 17R	KCOS	COLORADO SPRINGS	CO (US)
IAP	COPTER NDB 318	KFCS	FORT CARSON	CO (US)
IAP	ILS OR LOC RWY 08R	KPUB	PUEBLO	CO (US)
IAP	ILS OR LOC RWY 26L	KPUB	PUEBLO	CO (US)
IAP	RNAV (GPS) RWY 26L	KPUB	PUEBLO	CO (US)
IAP	VOR RWY 26L	KPUB	PUEBLO	CO (US)
STAR	DANDD	KBKF	AURORA	CO (US)
STAR	LARKS	KBKF	AURORA	CO (US)
STAR	QUAIL	KBKF	AURORA	CO (US)
STAR	DEBERRY	KCOS	COLORADO SPRINGS	CO (US)
STAR	DANDD	KAPA	DENVER	CO (US)
STAR	LARKS	KAPA	DENVER	CO (US)
STAR	QUAIL	KAPA	DENVER	CO (US)
STAR	DANDD	KBJC	DENVER	CO (US)
STAR	LARKS	KBJC	DENVER	CO (US)
STAR	QUAIL	KBJC	DENVER	CO (US)
STAR	DANDD	KCFO	DENVER	CO (US)
STAR	LARKS	KCFO	DENVER	CO (US)
STAR	QUAIL	KCFO	DENVER	CO (US)
STAR	DANDD	KDEN	DENVER	CO (US)
STAR	LARKS	KDEN	DENVER	CO (US)
STAR	QUAIL	KDEN	DENVER	CO (US)
STAR	LARKS	KFNL	FORT COLLINS/LOVELAND	CO (US)
STAR	QUAIL	KFNL	FORT COLLINS/LOVELAND	CO (US)
STAR	LARKS	KGXY	GREELEY	CO (US)
STAR	QUAIL	KGXY	GREELEY	CO (US)

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

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 23

DATE OF REVISION: 09/08/2022

REASON FOR REVISION:

1. REMOVED KCOS ILS OR LOC RWY 08L FROM FIX USE.
2. ADDED KFCS COPTER NDB 318 PROCEDURE TO FIX USE.
3. CHANGED PATTERN 1 LEG TIME FROM 1-1 1/2 MINUTES TO 1 MINUTE.
4. REMOVED KDEN LDORA RNAV STAR FROM FIX USE.
5. REMOVED KDEN PEEKK RNAV STAR FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A450

NAME: JOSHUA LEETE

APPROVED BY:

DATE: 12/02/2021

OFFICE: AJV-A450

NAME: BEV L BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: SOLAR

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 390847.92N/1050332.82W

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	197.00	205.00	44.00	44.00		23000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

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

REMARKS: DELTD "DENVER (FAC 1) USED TO ESTABLISH FIX COORDINATES"
FIX USE: DELETD SOLAR (RNAV) SID; ADDED SMMUR (RNAV) AND SKYEE (RNAV) SIDS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: JACOB MAXFIELD

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: TEHEV

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 383352.01N/1052402.19W

TYPE: 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	DENVER	DEN	VOR/DME	H	197.00	205.00	82.39	82.39		23000	45000
2	PUEBLO	PUB	VORTAC	H	281.78	289.78		48.57		23000	45000
3	ALAMOSA	ALS	VORTAC	H	002.00	015.00		75.45		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	PIKES	1, 2, 3		KBKF	AURORA	CO (US)
DP	PIKES	1, 2, 3		KAPA	DENVER	CO (US)
DP	PIKES	1, 2, 3		KBJC	DENVER	CO (US)
DP	PIKES	1, 2, 3		KCFO	DENVER	CO (US)
DP	PIKES	1, 2, 3		KDEN	DENVER	CO (US)
DP	PIKES	1, 2, 3		KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	PIKES	1, 2, 3		KGXY	GREELEY	CO (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

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: DEN APP CON
OTHER: