

RADIO FIX AND HOLDING DATA RECORD

NAME: KIRLE

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 394539.55N/1070552.98W

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 NM	FAC FEET	MRA	MAA
1	KREMMLING	RLG	VOR/DME	DH	230.64	244.64	33.57	33.57		10500	17500
2	RED TABLE	DBL	VOR/DME	DH	322.00	334.00	21.47	21.47		10500	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

KREMMLING (FAC 1) AND RED TABLE (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GYP SUM	1		KEGE	EAGLE	CO (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 06/12/2025

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: CHANGED RLG VOR/DME CLASS FROM H TO DH.
2. FIX MAKE-UP FACILITIES: CHANGED DBL VOR/DME CLASS FROM H TO DH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: PARNELL PRASSADA

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
Feb 12, 2025

QUALITY
31
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KREMMLING VOR/DME

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 400009.50N/1062632.96W

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	KREMMLING	RLG	VOR/DME	VH							45000

FIX RESTRICTIONS:

MCA V200 12500 WESTBOUND
MCA V591 12500 WESTBOUND

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	SW	RLG	VOR/DME	231.00	051.00	L	1		13200	17500	10	20
2	W	RLG	VOR/DME	260.00	080.00	R	1 1/2		14000	45000	13	29
3	E	WP	WP	077.00	257.00	R		10	14600	17500	16	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	395133.00N/1063257.00W	11116	4E
1	265	AAO	395045.90N/1063200.30W	11684	4E
1	310	AAO	394920.00N/1062957.00W	11773	6A
2	265	AAO	395045.90N/1063200.30W	11684	6A
3	265	AAO	395200.00N/1061224.00W	11794	1A

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	320
1	310	328
1	265	325
2	265	333
3	265	324

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKE-OFF MINIMUMS	20V	KREMMLING	CO (US)

REMARKS:

CHART PATTERN 2 ON ENROUTE HIGH AND LOW
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 14 DEGREES E
HOLDING PAT 3 PER ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	ILS M RWY 25		2	KEGE	EAGLE	CO (US)
SPECIAL IAP	ILS OR LOC Y RWY 25		2	KEGE	EAGLE	CO (US)
SPECIAL IAP	LOC Z RWY 25			KEGE	EAGLE	CO (US)
SPECIAL IAP	RNAV (GPS) N RWY 25			KEGE	EAGLE	CO (US)
SPECIAL IAP	RNAV (RNP) P RWY 25			KEGE	EAGLE	CO (US)
DP	ASPEN			KASE	ASPEN	CO (US)
DP	LINDZ			KASE	ASPEN	CO (US)
DP	DENVER			KBKF	AURORA	CO (US)
DP	ROCKIES		2	KBKF	AURORA	CO (US)
DP	DENVER			KAPA	DENVER	CO (US)
DP	ROCKIES		2	KAPA	DENVER	CO (US)
DP	DENVER			KBJC	DENVER	CO (US)
DP	ROCKIES		2	KBJC	DENVER	CO (US)
DP	DENVER			KCFO	DENVER	CO (US)
DP	ROCKIES		2	KCFO	DENVER	CO (US)
DP	DENVER			KDEN	DENVER	CO (US)
DP	ROCKIES		2	KDEN	DENVER	CO (US)
DP	GYPSUM (OBSTACLE)			KEGE	EAGLE	CO (US)
DP	TAKE-OFF MINIMUMS			KEGE	EAGLE	CO (US)
DP	DENVER			KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	ROCKIES		2	KFNL	FORT COLLINS/LOVELAND	CO (US)

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DP	DENVER		KGXY	GREELEY	CO (US)
DP	ROCKIES	2	KGXY	GREELEY	CO (US)
DP	TAKE-OFF MINIMUMS	1	20V	KREMMLING	CO (US)
DP	CANYON		KPUB	PUEBLO	CO (US)
EN ROUTE	V200				(US)
EN ROUTE	V220				(US)
EN ROUTE	V328				(US)
EN ROUTE	V361				(US)
EN ROUTE	V421				(US)
EN ROUTE	V591				(US)
EN ROUTE	V8				(US)
IAP	ILS OR LOC Y RWY 25	2	KEGE	EAGLE	CO (US)
IAP	LDA RWY 25	2	KEGE	EAGLE	CO (US)
IAP	LOC RWY 25		KEGE	EAGLE	CO (US)
IAP	RNAV (GPS)-A		KEGE	EAGLE	CO (US)
IAP	RNAV (GPS)-B		20V	KREMMLING	CO (US)
IAP	VOR/DME-A	1	20V	KREMMLING	CO (US)
IAP	VOR/DME-C		KSBS	STEAMBOAT SPRINGS	CO (US)
STAR	POWDR		KBKF	AURORA	CO (US)
STAR	TOMSN		KBKF	AURORA	CO (US)
STAR	POWDR		KAPA	DENVER	CO (US)
STAR	TOMSN		KAPA	DENVER	CO (US)
STAR	POWDR		KBJC	DENVER	CO (US)
STAR	TOMSN		KBJC	DENVER	CO (US)
STAR	POWDR		KCFO	DENVER	CO (US)
STAR	TOMSN		KCFO	DENVER	CO (US)
STAR	POWDR		KDEN	DENVER	CO (US)
STAR	TOMSN		KDEN	DENVER	CO (US)
STAR	POWDR		KFNL	FORT COLLINS/LOVELAND	CO (US)
STAR	TOMSN		KFNL	FORT COLLINS/LOVELAND	CO (US)
STAR	POWDR		KGXY	GREELEY	CO (US)
STAR	TOMSN		KGXY	GREELEY	CO (US)

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

COMPULSORY REPORTING POINT: LOW/HIGH

RECORD REVISION NUMBER: 20

DATE OF REVISION: 06/12/2025

REASON FOR REVISION:

1. REMARKS: UPDATED "HOLDING PAT 3 FOR ATC USE." TO "HOLDING PAT 3 PER ATC REQUEST."
2. REMARKS: UPDATED "MAGVAR: E14" TO "ASSIGNED FACILITY MAGVAR: 14 DEGREES E."
3. FIX USE: FIX USE: DELETED SPECIAL DP KREMM AT KEGE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: PARNELL PRASSADA

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
 Feb 12, 2025

QUALITY
23
CHECKED

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 392621.64N/1065340.85W 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	RED TABLE	DBL	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	N	DBL	VOR/DME	344.00	164.00	R	1		14000	29000	10	22
2	N		WP	346.38	166.38	R		8	13700	17500	11	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	392506.00N/1064648.00W	11979	4E
2	230	AAO	392512.60N/1064616.80W	12238	6C

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	375
2	230	375

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 12 DEGREES E

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL DP	GLENO (RNAV)			KASE	ASPEN	CO (US)
SPECIAL IAP	LOC/DME RWY 15			KASE	ASPEN	CO (US)
SPECIAL IAP	RNAV (RNP) Y RWY 15			KASE	ASPEN	CO (US)
DP	ASPEN			KASE	ASPEN	CO (US)
DP	LINDZ			KASE	ASPEN	CO (US)
DP	SARDD (OBSTACLE)			KASE	ASPEN	CO (US)
DP	TAKEOFF MINIMUMS			KASE	ASPEN	CO (US)
DP	ROCKIES		1	KBKF	AURORA	CO (US)
DP	SPRINGS			KCOS	COLORADO SPRINGS	CO (US)
DP	ROCKIES		1	KAPA	DENVER	CO (US)
DP	ROCKIES		1	KBJC	DENVER	CO (US)
DP	ROCKIES		1	KCFO	DENVER	CO (US)
DP	ROCKIES		1	KDEN	DENVER	CO (US)
DP	GYPSUM			KEGE	EAGLE	CO (US)
DP	MEEKER			KEGE	EAGLE	CO (US)
DP	TAKEOFF MINIMUMS			KEGE	EAGLE	CO (US)
DP	ROCKIES		1	KFNL	FORT COLLINS/LOVELAND	CO (US)
DP	GRAND JUNCTION			KGJT	GRAND JUNCTION	CO (US)
DP	GRAND MESA			KGJT	GRAND JUNCTION	CO (US)
DP	ROCKIES		1	KGXY	GREELEY	CO (US)
DP	CANYON			KPUB	PUEBLO	CO (US)
DP	UYRIG (RNAV)			KRIL	RIFLE	CO (US)
EN ROUTE	J206					(US)
EN ROUTE	J60					(US)
EN ROUTE	J80					(US)
EN ROUTE	V108					(US)
EN ROUTE	V134					(US)
EN ROUTE	V221					(US)
EN ROUTE	V356					(US)
EN ROUTE	V361					(US)
EN ROUTE	V421					(US)
EN ROUTE	V591					(US)
IAP	LOC/DME-E			KASE	ASPEN	CO (US)
IAP	RNAV (GPS)-F		2	KASE	ASPEN	CO (US)
IAP	ROARING FORK VISUAL RWY 15			KASE	ASPEN	CO (US)
IAP	ILS RWY 26			KRIL	RIFLE	CO (US)
IAP	LOC-A			KRIL	RIFLE	CO (US)
IAP	RNAV (RNP) Y RWY 26			KRIL	RIFLE	CO (US)
IAP	RNAV (RNP) Z RWY 26			KRIL	RIFLE	CO (US)
STAR	HAREI (RNAV)			KASE	ASPEN	CO (US)
STAR	MMARY (RNAV)			KASE	ASPEN	CO (US)
STAR	LARKS			KBKF	AURORA	CO (US)
STAR	POWDR			KBKF	AURORA	CO (US)

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

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 21

DATE OF REVISION: 06/12/2025

REASON FOR REVISION:

1. REMARKS: REMARKS: UPDATED "MAG VAR 1990/12E" TO "ASSIGNED FACILITY MAGVAR: 12 DEGREES E."
2. FIX USE: ADDED V221 AND V591.
3. REQUIRED CHARTING: ADDED SECTIONAL.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: PARNELL PRASSADA

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Feb 12, 2025

QUALITY
31
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: VAILE

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 394022.54N/1064229.65W

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	EAGLE	I-ESJ	LOC/DME		069.95	078.95	10.78	10.74		10300	17500
2	KREMMLING	RLG	VOR/DME	VH	197.94	211.94	23.27	23.27		10300	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-ESJ	LOC/DME	R-070	11	10900	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

EAGLE (FAC 1) AND KREMMLING (FAC 2) USED TO ESTABLISH FIX COORDINATES.
I-ESJ DME COORDINATES: 393818.89N/1065611.56W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GYSUM	1, 2		KEGE	EAGLE	CO (US)
EN ROUTE	V361-421	1, 2				(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 06/12/2025

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: CHANGED RLG VOR/DME CLASS FROM H TO VH.
2. REQUIRED CHARTING: ADDED SECTIONAL AND UPDATED CONTROLLER TO CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: PARNELL PRASSADA

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
Feb 12, 2025

QUALITY
31
CHECKED