

# RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 392922.11N/1044129.37W TYPE: WP, RADAR, 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	I-OUF	LOC/DME		172.51	180.51	24.61	24.60		10000	14000

### EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-OUF	LOC/DME	R-173	25	10000	14000

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
IAP	ILS OR LOC RWY 34R	1		KDEN	DENVER	CO (US)
IAP	ILS RWY 34R (CAT II/CAT III)	1		KDEN	DENVER	CO (US)
IAP	ILS RWY 34R (SA CAT I)	1		KDEN	DENVER	CO (US)
IAP	RNAV (GPS) Y RWY 34R			KDEN	DENVER	CO (US)
IAP	RNAV (RNP) Z RWY 34R			KDEN	DENVER	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 03/19/2026

### REASON FOR REVISION:

FIX USE ADDED RNAV (GPS) Y RWY 34R, RNAV (RNP) Z RWY 34R @ KDEN

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A433 NAME: JOSHUA DUGAN

APPROVED BY: DATE: 10/23/2025 OFFICE: AJV-A433 NAME: ROBERT HAMILTON

SIGNATURE:

*Digitally signed by*  
**ROBERT G HAMILTON**  
Jan 14, 2026



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** CORDE **STATE:** CO **COUNTRY:** US **ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 394650.76N/1044117.34W **TYPE:** WP, RADAR, 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	MRA	MAA
								NM FEET		
1	DENVER	I-OUF	LOC/DME		172.51	180.51	7.13	7.13 43309	7000	9800

**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
IAP	ILS OR LOC RWY 34R	1		KDEN	DENVER	CO (US)
IAP	ILS RWY 34R (CAT II/CAT III)	1		KDEN	DENVER	CO (US)
IAP	ILS RWY 34R (SA CAT I)	1		KDEN	DENVER	CO (US)
IAP	RNAV (GPS) Y RWY 34R			KDEN	DENVER	CO (US)
IAP	RNAV (RNP) Z RWY 34R			KDEN	DENVER	CO (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 5 **DATE OF REVISION:** 03/19/2026

**REASON FOR REVISION:**

UPDATED COORDINATES FROM N394651.46/W1044117.33 TO N394650.7572/W1044117.3395 MOVED 71 FT SOUTH.

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

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A433 **NAME:** JOSHUA DUGAN

**APPROVED BY:** **DATE:** 10/23/2025 **OFFICE:** AJV-A433 **NAME:** ROBERT HAMILTON

**SIGNATURE:**

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**ROBERT G HAMILTON**  
Jan 14, 2026



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** NIWOT **STATE:** CO **COUNTRY:** US **ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 401526.00N/1045940.61W **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	MILE HIGH	DVV	VORTAC	VH	314.00	322.00	27.63	27.63	8000	17500
2	GILL	GLL	VOR/DME	VH	221.00	234.00	25.07	25.07	8000	17500
3	DENVER	DEN	VOR/DME	H	322.12	330.12	30.78	30.78	8000	17500

**FIX RESTRICTIONS:**  
MCA V575 9500 NORTHWEST BOUND

**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	131.00	311.00	R		7	7300	14000	9	11
2	SE		WP	134.00	314.00	R		7	10000	14000	10	11
3	SE	DVV	VORTAC	134.00	314.00	R	1		10000	14000	10	11

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (08-000677)	400547.29N/1045405.94W	6260	1A
1	310	TOWER (08-000677)	400547.29N/1045405.94W	6260	1A
2	230	TOWER (08-000677)	400547.29N/1045405.94W	6260	1A
3	230	TOWER (08-000677)	400547.29N/1045405.94W	6260	1A

**PROCEDURES REQUIRING CLIMB-IN-HOLD:**

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 29	LMO	LONGMONT	CO (US)

**REMARKS:**

MILE HIGH (FAC 1) AND GILL (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V220					(US)
EN ROUTE	V575					(US)
IAP	ILS OR LOC RWY 34R	1, 2	3	DEN	DENVER	CO (US)
IAP	RNAV (GPS) Y RWY 26		2	KDEN	DENVER	CO (US)
IAP	RNAV (GPS) Y RWY 34R		2	KDEN	DENVER	CO (US)
IAP	RNAV (RNP) Z RWY 26		2	KDEN	DENVER	CO (US)
IAP	RNAV (RNP) Z RWY 34R		2	KDEN	DENVER	CO (US)
IAP	RNAV (GPS) RWY 10			KGXY	GREELEY	CO (US)
IAP	RNAV (GPS) RWY 29		1	LMO	LONGMONT	CO (US)
STAR	RAMMS	1, 3		KBKF	AURORA	CO (US)
STAR	RAMMS	1, 3		KAPA	DENVER	CO (US)
STAR	RAMMS	1, 3		KBJC	DENVER	CO (US)
STAR	RAMMS	1, 3		KCFO	DENVER	CO (US)
STAR	RAMMS	1, 3		KDEN	DENVER	CO (US)
STAR	RAMMS	1, 3		KFNL	FORT COLLINS/LOVELAND	CO (US)
STAR	RAMMS	1, 3		KGXY	GREELEY	CO (US)

**REQUIRED CHARTING:** STAR, IAP, EN ROUTE LOW, CONTROLLER LOW

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 13 **DATE OF REVISION:** 03/19/2026

**REASON FOR REVISION:**

HOLDING PATTERNS ADDED PAT 3  
CONTROLLING OBSTRUCTIONS REMOVED PAT 2 310 OBSTACLE UPDATED AC FOR PAT1 AND 2 OBSTRUCTION  
FIX USE ADDED ILS OR LOC RWY 34R, RNAV (GPS) Y RWY 34R, RNAV (RNP) Z RWY 34R @ KDEN AND FAC 2 TO ILS OR LOC RWY 34R

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

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A433 **NAME:** JOSHUA DUGAN

**APPROVED BY:** **DATE:** 02/12/2026 **OFFICE:** AJV-A433 **NAME:** ROBERT HAMILTON

**SIGNATURE:** *Digitally signed by*  
**ROBERT G HAMILTON**

