

# RADIO FIX AND HOLDING DATA RECORD

NAME: GOODLAND VORTAC      STATE: KS      COUNTRY: US      ICAO REGION CODE: K3  
 LATITUDE/LONGITUDE: 392316.33N/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	10
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 PATTERNS.

## PROCEDURES REQUIRING CLIMB-IN-HOLD:

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

## REMARKS:

CHART PATTERN 2 ON EN ROUTE HIGH  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 PATTERN 2 PER ATC REQUEST.  
 GLD VORTAC MAGVAR 12E/1965.  
 PAT 1 C-I-H EVALUATED USING TEMPLATE 13 AT 5600.

## 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			KDEN	DENVER	CO (US)
DP	PLAINS			KDEN	DENVER	CO (US)
DP	DENVER			KFTG	DENVER	CO (US)
DP	PLAINS			KFTG	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					(US)
EN ROUTE	J182					(US)
EN ROUTE	J192					(US)
EN ROUTE	J197					(US)
EN ROUTE	J80					(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	NDB RWY 17			KCBK	COLBY	KS (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	NDB RWY 34			KOEL	OAKLEY	KS (US)
IAP	RNAV (GPS) RWY 34			KOEL	OAKLEY	KS (US)
IAP	NDB RWY 35			KOIN	OBERLIN	KS (US)
IAP	NDB-A			KSYF	ST FRANCIS	KS (US)
STAR	OZZZY (RNAV)			KCOS	COLORADO SPRINGS	CO (US)
STAR	DANDD			KDEN	DENVER	CO (US)
STAR	SAYGE			KDEN	DENVER	CO (US)

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

**COMPULSORY REPORTING POINT:** LOW/HIGH

**RECORD REVISION NUMBER:** 13

**DATE OF REVISION:** 02/01/2018

**REASON FOR REVISION:**

UPDATED FIX USE; ADDED PAT 1 TO LOC RWY 33 @ KITR, REMOVED VOR/DME RWY 30 @ KGLD.  
ADDED MAGVAR.  
UPDATED HOLDING PAT 1 MAX FROM 13 TO 10.  
ADDED C-I-H PATTERN REMARK.

**DEVELOPED BY:**      **DATE:** 08/11/2017

**OFFICE:** AJV-5423

**NAME:** HEIDI SNIDER

**APPROVED BY:**      **DATE:**

**OFFICE:** AJV-5420

**NAME:** JULIE MORGAN

**SIGNATURE:**

**DISTRIBUTION:**

NFDC  
FPO: CEN  
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 NM	FAC FEET	MRA	MAA
1	THURMAN	TXC	VORTAC	L							45000

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

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	310	TOWER (08-000115)	392812.00N/1033816.00W	5949	4D

**HOLDING RESTRICTIONS:**

UNPLANNED HOLDING APPROVED AT OR ABOVE 8000.

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**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			KDEN	DENVER	CO (US)
DP	PLAINS			KDEN	DENVER	CO (US)
DP	DENVER			KFTG	DENVER	CO (US)
DP	PLAINS			KFTG	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			KFTG	DENVER	CO (US)
STAR	DANDD			KDEN	DENVER	CO (US)
STAR	QUAIL			KDEN	DENVER	CO (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 8

**DATE OF REVISION:** 03/02/2017

**REASON FOR REVISION:**

REMOVED KAKO RNAV GPS RWY 29 FROM FIX USE.  
 MOVED REMARK "UNPLANNED HOLDING APPROVED AT OR ABOVE 8000" TO HOLDING RESTRICTIONS.  
 ADDED REMARK "PRECIPITOUS TERRAIN EVALUATION COMPLETED".

**DEVELOPED BY:**      **DATE:** 09/01/2016      **OFFICE:** AJV-5433      **NAME:** BEV L BORDY (CHRISTINE BAYSE)

**APPROVED BY:**      **DATE:**      **OFFICE:** AJV-5430      **NAME:** LONNIE EVERHART

**SIGNATURE:**

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