

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** HILL CITY VORTAC      **STATE:** KS      **COUNTRY:** US      **ICAO REGION CODE:** K3

**LATITUDE/LONGITUDE:** 391531.49N/1001333.06W      **TYPE:**

**AIRSPACE DOCKET:**      **FIX TYPE OF ACTION:** MODIFY

**FIX MAKE-UP FACILITIES:**

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	HILL CITY	HLC	VORTAC	H							45000

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

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (17-1429)	391817.00N/1001849.00W	3100	2C
UPN	230	TOWER (17-1856)	390704.00N/1002858.00W	3157	2C
UPN	265	AAO	391406.00N/1004027.00W	3163	4E

**REMARKS:**

UNPLANNED HOLDING AIRWAY RADIALS ABOVE MEA.  
UNPLANNED HOLDING PER ATC REQUEST.  
ASSIGNED FACILITY MAGVAR: 8 DEGREES EAST.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J64					(US)
EN ROUTE	J80					(US)
EN ROUTE	V108					(US)
EN ROUTE	V216					(US)
EN ROUTE	V4					(US)
EN ROUTE	V508					(US)
IAP	NDB RWY 17			KCBK	COLBY	KS (US)
IAP	NDB RWY 16			KNRN	NORTON	KS (US)
IAP	NDB RWY 34			KNRN	NORTON	KS (US)
IAP	RNAV (GPS) RWY 16			KNRN	NORTON	KS (US)
IAP	RNAV (GPS) RWY 34			KNRN	NORTON	KS (US)
IAP	RNAV (GPS) RWY 34			KNRN	NORTON	KS (US)
IAP	NDB RWY 34			KOEL	OAKLEY	KS (US)
IAP	NDB RWY 35			KOIN	OBERLIN	KS (US)

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

**COMPULSORY REPORTING POINT:** LOW/HIGH

**RECORD REVISION NUMBER:** 10      **DATE OF REVISION:** 02/01/2018

**REASON FOR REVISION:**

1. IN FIX USE, SEPARATED V108, V216, V508, J64 AND J80 INTO SEPARATE ENTRIES.
2. IN REMARKS, ADDED UNPLANNED HOLDING PER ATC REQUEST.
3. ADDED ASSIGNED FACILITY MAGVAR: 8 DEGREES EAST TO REMARKS.

**DEVELOPED BY:**      **DATE:** 08/29/2017      **OFFICE:** AJV-5423      **NAME:** KEVIN KESZLER

**APPROVED BY:**      **DATE:**      **OFFICE:** AJV-5420      **NAME:** JULIE MORGAN      *Digitally signed by*  
*Digitally signed by*      **STEVEN A VARGAS**      **DION E LANCIA**  
**SIGNATURE:**      Sep 22, 2017      Sep 25, 2017

**DISTRIBUTION:**      NFDC  
FPO: MKC  
ARTCC: ZKC  
ATC FACILITY:  
OTHER:

QUALITY  
13  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: WESAL

STATE: KS

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 385828.02N/0975840.34W

TYPE: 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	FAC FEET	MRA	MAA
1	SALINA	SLN	VORTAC	H	273.15	280.15	16.95	16.95		4000	17500
2	HUTCHINSON	HUT	VOR/DME	L	354.00	358.00		58.63		4500	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
HUT	VOR/DME	R-354	59	4500	17500

## FIX RESTRICTIONS:

MRA ALL 4500

## HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

SALINA (FAC 1) AND HUTCHINSON (FAC 2) USED TO ESTABLISH FIX COORDINATES  
DME ONLY BELOW 4500.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V-4	1, 2				KS (US)

REQUIRED CHARTING: CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 12/07/2017

## REASON FOR REVISION:

1. CHANGED FAC 2 MAG BRG FROM 349.00 TO 354.00.
2. ADDED HUT VOR/DME ESV OF R-354, DISTANCE 59, MIN ALTITUDE 4500, MAX ALTITUDE 17500.
3. ADDED SALINA (FAC 1) AND HUTCHINSON (FAC 2) USED TO ESTABLISH FIX COORDINATES TO REMARKS.
4. ADDED FAC 1, 2 TO V-4 IN FIX USE.
5. ADDED DME ONLY BELOW 4500 TO REMARKS.
6. DELETED DME 58.63 TO FAC 2.
7. ADDED FAC 1 DIST FROM FAC 16.95NM.
8. ADDED FAC 2 DIST FROM FAC 58.63NM.
9. INCREASED FAC 2 MRA 4000 TO 4500.
10. IN FIX RESTRICTIONS, ADDED MRA ALL 4500.

DEVELOPED BY:

DATE: 08/29/2017

OFFICE: AJV-5423

NAME: KEVIN KESZLER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

Digitally signed by

SIGNATURE:

Digitally signed by

STEVEN A VARGAS

DION E LANCIA

Sep 25, 2017

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZKC  
ATC FACILITY: SLN ATCT  
OTHER:

Sep 22, 2017

QUALITY  
13  
CHECKED