

# RADIO FIX AND HOLDING DATA RECORD

NAME: GLIDE

STATE: KS

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 385441.58N/0975830.02W

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	260.09	267.09	16.58	16.58		3600	17500
2	HUTCHINSON	HUT	VOR/DME	L	354.00	358.00		54.85		4500	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
HUT	VOR/DME	R-354	55	4500	17500

## FIX RESTRICTIONS:

MRA ALL 4500

## 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	W	SLN	VORTAC	260.00	080.00	L	1	4	3600	14000	4	12

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	WINDMILL (20-020099)	385300.52N/0980234.72W	2189	5D

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## REMARKS:

SALINA (FAC 1) AND HUTCHINSON (FAC 2) USED TO ESTABLISH FIX COORDINATES  
ATC - FOR LATERAL SEPARATION ON ARRIVALS AND DEPARTURES AT SALINA  
RADIAL COMPUTED BY AFS-560  
PRECIPITOUS TERRAIN EVALUATION COMPLETE.  
HOLDING DME ONLY BELOW 4500.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V244	1				KS (US)
EN ROUTE	V508	1				KS (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 02/01/2018

## REASON FOR REVISION:

1. ADDED FAC 1 DIST FROM FAC OF 16.58NM.
2. ADDED FAC 2 DIST FROM FAC OF 54.85NM.
3. CHANGED FAC 2 DME FROM 54.80 TO 54.85.
4. CHANGED FAC 2 MAG BRG FROM 349.00 TO 354.00.
5. ADDED SALINA (FAC 1) AND HUTCHINSON (FAC 2) USED TO ESTABLISH FIX COORDINATES TO REMARKS.
6. ADDED HOLDING LIMITED TO ESTABLISHED PATTERNS IN HOLDING RESTRICTIONS.
7. DELETED PAT 2.
8. DELETED AIRSPACE DOCKET NUMBER 87-ACE-04.
9. DELETED DME 54.58 FROM FAC 2.
10. CHANGED MRA FAC 2 FROM 4000 TO 4500.
11. CHANGED FIX RESTRICTION FROM MRA ALL 4000 TO MRA ALL 4500.
12. ADDED ESV HUT VOR/DME, R-354, 55, 4500.
13. CHANGED PAT 1 MINIMUM ALTITUDE FROM 4000 TO 3600.
14. CHANGED PAT 1 MIN/MAX PERMPLATE SIZE FROM 5/8 TO 4/12.
15. CHANGED CONTROLLING OBSTACLE FROM TOWER TO WINDMILL (20-020099).
16. IN REMARKS, ADDED HOLDING DME ONLY BELOW 4500.

DEVELOPED BY: DATE: 08/07/2017 OFFICE: AJV-5423 NAME: KEVIN KESZLER

APPROVED BY: DATE: OFFICE: AJV-5420 NAME: JULIE MORGAN

SIGNATURE:

**DISTRIBUTION:**

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

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** HAYS VORTAC **STATE:** KS **COUNTRY:** US **ICAO REGION CODE:** K3  
**LATITUDE/LONGITUDE:** 385051.56N/0991636.45W **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	HAYS	HYS	VORTAC	L						45000

**HOLDING:** **HOLDING TYPE OF ACTION:** MODIFY

**PATTERNS:**

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	N	HYS	VORTAC	350.00	170.00	L	1		3900	17500	4	17

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (20-000010)	385301.00N/0992016.00W	2843	4D

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 ASSIGNED FACILITY MAG VAR: 10 DEGREES EAST.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J24					(US)
EN ROUTE	V244					(US)
EN ROUTE	V255					(US)
EN ROUTE	V508					(US)
EN ROUTE	V549					(US)
IAP	NDB RWY 35			KGBD	GREAT BEND	KS (US)
IAP	RNAV (GPS) RWY 17			KGBD	GREAT BEND	KS (US)
IAP	ILS OR LOC RWY 34			KHYS	HAYS	KS (US)
IAP	VOR RWY 16		1	KHYS	HAYS	KS (US)
IAP	VOR RWY 34		1	KHYS	HAYS	KS (US)
IAP	VOR/DME RWY 16		1	KHYS	HAYS	KS (US)
IAP	VOR/DME RWY 34		1	KHYS	HAYS	KS (US)
IAP	RNAV (GPS) RWY 17			KLQR	LARNED	KS (US)
IAP	VOR/DME-A			KRSL	RUSSELL	KS (US)
STAR	DANDD			KAPA	DENVER	CO (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 9 **DATE OF REVISION:** 02/01/2018

**REASON FOR REVISION:**

1. CHANGED PAT 1 LEG TIME FROM 1-1 1/2 TO 1.
2. INCREASED PAT 1 MAX TEMPLATE FROM 16 TO 17.
3. INCREASED PAT 1 CONTROLLING OBSTACLE ELEVATION FROM 2842 TO 2843 PER NEW OAS DATA.
4. DECREASED PAT 1 AIRSPEED FROM 230 TO 200.
5. IN REMARKS, ADDED ASSIGNED FACILITY MAG VAR: 10 DEGREES EAST.

**DEVELOPED BY:** **DATE:** 08/28/2017 **OFFICE:** AJV-5423 **NAME:** KEVIN KESZLER

**APPROVED BY:** **DATE:** **OFFICE:** AJV-5420 **NAME:** JULIE MORGAN

**SIGNATURE:**

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

# RADIO FIX AND HOLDING DATA RECORD

NAME: SALINA VORTAC

STATE: KS

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 385530.50N/0973716.80W

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 FEET	MAA
1	SALINA	SLN	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 TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	N	SLN	VORTAC	002.52	182.52	R	1		3000	14000	4	10

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (20-000587)	385713.00N/0973632.00W	1825	5D

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.  
ASSIGNED FACILITY MAG VAR: E07/1990.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TIFTO			KFLV	FORT LEAVENWORTH	KS (US)
DP	WILDCAT			KFLV	FORT LEAVENWORTH	KS (US)
DP	TIFTO			KIXD	OLATHE	KS (US)
DP	WILDCAT			KIXD	OLATHE	KS (US)
DP	WILDCAT			KOJC	OLATHE	KS (US)
DP	TIFTO			KMCI	KANSAS CITY	MO (US)
DP	WILDCAT			KMCI	KANSAS CITY	MO (US)
DP	TIFTO			KMKC	KANSAS CITY	MO (US)
DP	WILDCAT			KMKC	KANSAS CITY	MO (US)
DP	TIFTO			KLXT	LEE'S SUMMIT	MO (US)
DP	WILDCAT			KLXT	LEE'S SUMMIT	MO (US)
DP	TIFTO			KGPH	MOSBY	MO (US)
DP	WILDCAT			KGPH	MOSBY	MO (US)
DP	TIFTO			KSTJ	ST JOSEPH	MO (US)
DP	WILDCAT			KSTJ	ST JOSEPH	MO (US)
EN ROUTE	J102					(US)
EN ROUTE	J18					(US)
EN ROUTE	J18-96					(US)
EN ROUTE	J24					(US)
EN ROUTE	J96					(US)
EN ROUTE	V244-508					(US)
EN ROUTE	V4					(US)
EN ROUTE	V4-508					(US)
EN ROUTE	V532					(US)
EN ROUTE	V551					(US)
EN ROUTE	V553					(US)
EN ROUTE	V73					(US)
IAP	VOR-A			KK78	ABILENE	KS (US)
IAP	RNAV (GPS) RWY 36			KRPB	BELLEVILLE	KS (US)
IAP	NDB RWY 35			KCYW	CLAY CENTER	KS (US)
IAP	RNAV (GPS) RWY 36			K3JC	JUNCTION CITY	KS (US)
IAP	ILS OR LOC RWY 3			KMHK	MANHATTAN	KS (US)
IAP	ILS OR LOC RWY 35		1	KSLN	SALINA	KS (US)
IAP	NDB RWY 35		1	KSLN	SALINA	KS (US)
IAP	VOR RWY 17		1	KSLN	SALINA	KS (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18

DATE OF REVISION: 02/01/2018

## REASON FOR REVISION:

ADDED REMARK "ASSIGNED FACILITY MAG VAR: E07/1990".

UPDATED FIX USE TITLE IAP AT KK78 FROM VOR/DME-A TO VOR-A AND AT KMHK FROM ILS OR LOC/DME RWY 3 TO ILS OR LOC RWY 3.

REMOVED FIX USE AT KRPB NDB RWY 19 AND NDB RWY 36 AND AT KMPR NDB RWY 18.

<b>DEVELOPED BY:</b>	<b>DATE:</b> 08/03/2017	<b>OFFICE:</b> AJV-5433	<b>NAME:</b> BEV L BORDY (CHRISTINE BAYSE)
<b>APPROVED BY:</b>	<b>DATE:</b>	<b>OFFICE:</b> AJV-5430	<b>NAME:</b> PATRICK MULQUEEN
	<b>SIGNATURE:</b>		
<b>DISTRIBUTION:</b>	<b>NFDC</b> <b>FPO:</b> CEN <b>ARTCC:</b> ZKC <b>ATC FACILITY:</b> SLN ATCT <b>OTHER:</b>		