

RADIO FIX AND HOLDING DATA RECORD

NAME: HNZLY

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 392408.09N/0944149.55W

TYPE: WP, RADAR, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	KANSAS CITY	I-PAJ	LOC/DME		010.94	012.94	6.88	6.92	42042	2600	5500

REMARKS:

ILS DME COORDINATES: 391725.77N/0944351.97W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 19R	1		KMCI	KANSAS CITY	MO (US)
IAP	ILS RWY 19R (CAT II - III)	1		KMCI	KANSAS CITY	MO (US)
IAP	ILS RWY 19R (SA CAT I)	1		KMCI	KANSAS CITY	MO (US)
IAP	RNAV (GPS) Y RWY 19R			KMCI	KANSAS CITY	MO (US)
IAP	RNAV (RNP) Z RWY 19R			KMCI	KANSAS CITY	MO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 03/26/2020

REASON FOR REVISION:

1. ADDED ILS RWY 19R (SA CAT I) TO FIX USE.
2. UPDATED FIX MAKE-UP FACILITY (I-PAJ) MAG BRG FROM 010.93 TO 010.94, TRUE BRG FROM 012.93 TO 012.94
3. REMARKS: 8260.54A FORMULA 2-16B USED TO ESTABLISH FIX COORDINATES REMOVED.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZKC
ATC FACILITY: MCI APP CON
OTHER:

Digitally signed by
CASIMIR L TABAKA
Apr 22, 2022

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RUGBB STATE: KS COUNTRY: US ICAO REGION CODE: K3
 LATITUDE/LONGITUDE: 390024.72N/0950808.95W TYPE: WP, 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	FEET	MRA	MAA
1	KANSAS CITY	MCI	VORTAC	H	223.24	228.24	25.00	25.00		3100	17500
2	TOPEKA	TOP	VORTAC	L	106.87	111.87	20.83	20.83		2800	17500

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	MCI	VORTAC	223.24	043.24	R	1		4000	6000	5	6
2	SW		WP	226.24	046.24	R		4	4000	6000	5	6
3	SW		WP	226.24	046.24	R		7	4000	6000	9	10
4	SW		WP	223.24	043.24	R		4	4000	8000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (20-001146)	385346.00N/0951029.00W	2048	5D
1	230	TOWER (20-001146)	385346.00N/0951029.00W	2048	5D
1	265	TOWER (20-001146)	385346.00N/0951029.00W	2048	5D
2	200	TOWER (20-001146)	385346.00N/0951029.00W	2048	5D
3	265	TOWER (20-001146)	385346.00N/0951029.00W	2048	5D
4	200	TOWER (20-001146)	385346.00N/0951029.00W	2048	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

KANSAS CITY (FAC 1) AND TOPEKA (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	V502	1, 2				(US)
EN ROUTE	V508	1, 2				(US)
IAP	ILS OR LOC RWY 33			KLWC	LAWRENCE	KS (US)
IAP	ILS OR LOC RWY 36	1, 2	1	KIXD	OLATHE	KS (US)
IAP	RNAV (GPS) RWY 17			KOWI	OTTAWA	KS (US)
IAP	RNAV (GPS) RWY 31			KTOP	TOPEKA	KS (US)
IAP	ILS OR LOC RWY 19R	1, 2	1	KMCI	KANSAS CITY	MO (US)
IAP	ILS OR LOC RWY 27	1, 2	1	KMCI	KANSAS CITY	MO (US)
IAP	ILS RWY 19R (CAT II - III)	1, 2	1	KMCI	KANSAS CITY	MO (US)
IAP	ILS RWY 19R (SA CAT I)	1, 2	1	KMCI	KANSAS CITY	MO (US)
IAP	RNAV (GPS) Y RWY 19R		3	KMCI	KANSAS CITY	MO (US)
IAP	RNAV (GPS) Y RWY 27		3	KMCI	KANSAS CITY	MO (US)
IAP	RNAV (RNP) Z RWY 19R		2	KMCI	KANSAS CITY	MO (US)
IAP	ILS OR LOC RWY 19	1, 2	4	KMKC	KANSAS CITY	MO (US)
STAR	JHAWK	1, 2		KMCI	KANSAS CITY	MO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12 DATE OF REVISION: 07/14/2022

REASON FOR REVISION:

- ADDED 265 KIAS OBSTRUCTION TO PATTERN 1.
- CHANGED KIXD ILS OR LOC/DME RWY 36 TO ILS OR LOC RWY 36 IN FIX USE.

5/16/2022: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 3/16/2022.
 1. ADDED 230 KT OBSTACLE (2048 TOWER 20-001146) TO HOLDING PATTERN 1.

INITIATED BY: DATE: ORGANIZATION: NAME:
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 NAME: KARLIE BUNTIN
 APPROVED BY: DATE: 07/14/2022 OFFICE: AJV-A430 NAME: LONNIE EVERHART
 SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
 May 16, 2022

QUALITY
 31
 CHECKED