

RADIO FIX AND HOLDING DATA RECORD

NAME: FORT DODGE VORTAC **STATE:** IA **COUNTRY:** US **ICAO REGION CODE:** K3

LATITUDE/LONGITUDE: 423640.05N/0941741.34W **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	FORT DODGE	FOD	VORTAC	H							45000

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	FOD	VORTAC	262.01	082.01	R	1 1/2	18000 45000	20 29
2	NW	FOD	VORTAC	300.35	120.35	R	1	2800 6000	4 5
3	E	FOD	VORTAC	109.82	289.82	R	1	2800 6000	4 5
4	W	FOD	VORTAC	291.57	111.57	R	1	2800 6000	4 5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
2	200	AAO	424145.00N/0942754.00W	1450	4E
3	200	AAO	423618.00N/0942224.00W	1411	4E
4	200	AAO	423648.00N/0942951.00W	1437	4E

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3000.

REMARKS:

CHART HOLDING PATTERN 1 ON ENROUTE HIGH.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: E7/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DES MOINES			KDSM	DES MOINES	IA (US)
DP	ORSKY			KANE	MINNEAPOLIS	MN (US)
DP	ORSKY			KFCM	MINNEAPOLIS	MN (US)
DP	MEADOW LAKE			KMSP	MINNEAPOLIS	MN (US)
DP	MINNEAPOLIS			KMSP	MINNEAPOLIS	MN (US)
DP	ORSKY			KMSP	MINNEAPOLIS	MN (US)
DP	ORSKY			KSTP	ST PAUL	MN (US)
DP	BLUFS			KOMA	OMAHA	NE (US)
EN ROUTE	J82					(US)
EN ROUTE	J94		1			(US)
EN ROUTE	Q122					(US)
EN ROUTE	V100					(US)
EN ROUTE	V138					(US)
EN ROUTE	V456					(US)
EN ROUTE	V462					(US)
EN ROUTE	V505					(US)
IAP	VOR/DME-A			KAXA	ALGONA	IA (US)
IAP	VOR/DME-A		2	KEAG	EAGLE GROVE	IA (US)
IAP	NDB RWY 13			KEGQ	EMMETSBURG	IA (US)
IAP	NDB RWY 31			KEGQ	EMMETSBURG	IA (US)
IAP	ILS OR LOC RWY 06		2	KFOD	FORT DODGE	IA (US)
IAP	VOR RWY 12		2	KFOD	FORT DODGE	IA (US)
IAP	VOR/DME RWY 30		2	KFOD	FORT DODGE	IA (US)
IAP	NDB RWY 32			KEFW	JEFFERSON	IA (US)
IAP	RNAV (GPS) RWY 14			KEFW	JEFFERSON	IA (US)
IAP	VOR/DME RWY 30		3	KPOH	POCAHONTAS	IA (US)
IAP	NDB RWY 36			KSKI	SAC CITY	IA (US)
IAP	NDB RWY 32			KEBS	WEBSTER CITY	IA (US)
IAP	VOR/DME RWY 14		4	KEBS	WEBSTER CITY	IA (US)
STAR	ROBINSON			KFLV	FORT LEAVENWORTH	KS (US)
STAR	ROBINSON			KIXD	OLATHE	KS (US)
STAR	ROBINSON			KOJC	OLATHE	KS (US)
STAR	TWOLF			KANE	MINNEAPOLIS	MN (US)
STAR	TWOLF			KFCM	MINNEAPOLIS	MN (US)
STAR	TWOLF			KLVN	MINNEAPOLIS	MN (US)
STAR	TWOLF			KMIC	MINNEAPOLIS	MN (US)
STAR	TWOLF			KMSP	MINNEAPOLIS	MN (US)
STAR	TWOLF			KSTP	ST PAUL	MN (US)
STAR	ROBINSON			KMCI	KANSAS CITY	MO (US)
STAR	ROBINSON			KMKC	KANSAS CITY	MO (US)
STAR	ROBINSON			KLXT	LEES SUMMIT	MO (US)
STAR	ROBINSON			KGPH	MOSBY	MO (US)
STAR	ROBINSON			KSTJ	ST JOSEPH	MO (US)
STAR	LANTK			KOFF	OMAHA	NE (US)
STAR	LANTK			KOMA	OMAHA	NE (US)

QUALITY
14
CHECKED

STAR
STARTWOLF
TWOLFKRNH
KOEONEW RICHMOND
OSCEOLAWI (US)
WI (US)**REQUIRED CHARTING:** DP, STAR, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH**COMPULSORY REPORTING POINT:** LOW**RECORD REVISION NUMBER:** 21**DATE OF REVISION:** 07/19/2018**REASON FOR REVISION:**

HOLDING: REMOVED UNLANNED PATTERN OBSTACLE.

CHARTING: ADDED CONTROLLER LOW AND CONTROLLER HIGH.

FIX USE: ADDED 7 AIRPORTS FOR ROBINSON STAR: KFLV, KIXD, KOJC, KMKC, KLXT, KGPH, KSTJ.

DEVELOPED BY: **DATE:** 03/14/2018**OFFICE:** AJV-5422**NAME:** DAVID DOWLING**APPROVED BY:** **DATE:****OFFICE:** AJV-5420**NAME:** JULIE MORGAN**SIGNATURE:***Digitally signed by***ROBERT G HAMILTON**

Apr 10, 2018

DISTRIBUTION:**NFDC****FPO:** CEN**ARTCC:** ZMP**ATC FACILITY:****OTHER:** FOD FSSQUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HILDE

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 401513.53N/0953103.77W

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	MRA FEET	MAA
1	OMAHA	OVR	VORTAC	H	161.59	169.59	55.68	55.67	8000	16000
2	PAWNEE CITY	PWE	VORTAC	H	079.00	084.00		31.81	8000	39000
3	ROBINSON	RBA	VOR/DME	L	345.80	349.80	24.55	24.55	8000	27000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
OVR	VORTAC	R-162	56	8000	16000
RBA	VOR/DME	R-346	25	19000	27000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

OMAHA (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	ROBINSON	1, 2, 3		KFLV	FORT LEAVENWORTH	KS (US)
STAR	ROBINSON	1, 2, 3		KIXD	OLATHE	KS (US)
STAR	ROBINSON	1, 2, 3		KOJC	OLATHE	KS (US)
STAR	ROBINSON	1, 2, 3		KMCI	KANSAS CITY	MO (US)
STAR	ROBINSON	1, 2, 3		KMKC	KANSAS CITY	MO (US)
STAR	ROBINSON	1, 2, 3		KLXT	LEES SUMMIT	MO (US)
STAR	ROBINSON	1, 2, 3		KGPH	MOSBY	MO (US)
STAR	ROBINSON	1, 2, 3		KSTJ	ST JOSEPH	MO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 07/19/2018

REASON FOR REVISION:

FACILITIES: ADDED NM DISTANCE FOR ALL THREE.

FAC 1: CHANGED MAA FROM 39000 TO 16000.

REFORMATTED ESV'S.

CHARTING: ADDED CONTROLLER LOW AND CONTROLLER HIGH.

REMARKS: ADDED FACILITY USED TO ESTABLISH FIX COORDINATES.

FIX USE: ADDED SEVEN AIRPORTS FOR ROBINSON STAR: KFLV, KIXD, KOJC, KMKC, KLXT, KGPH, KSTJ.

DEVELOPED BY:

DATE: 03/15/2018

OFFICE: AJV-5422

NAME: DAVID DOWLING

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

Digitally signed by
ROBERT G HAMILTON
Apr 10, 2018

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HUGGY

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 391804.24N/0945104.39W

TYPE: RADAR, 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 NM	FAC FEET	MRA	MAA
1	ST JOSEPH	STJ	VORTAC	H	167.02	175.02		39.68		3000	17500
2	ROBINSON	RBA	VOR/DME	L	136.98	140.98	42.30	42.30		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ST JOSEPH (FAC 1) AND ROBINSON (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	ROBINSON	1, 2		KFLV	FORT LEAVENWORTH	KS (US)
STAR	ROBINSON	1, 2		KIXD	OLATHE	KS (US)
STAR	ROBINSON	1, 2		KOJC	OLATHE	KS (US)
STAR	ROBINSON	1, 2		KMCI	KANSAS CITY	MO (US)
STAR	ROBINSON	1, 2		KMKC	KANSAS CITY	MO (US)
STAR	ROBINSON	1, 2		KLXT	LEES SUMMIT	MO (US)
STAR	ROBINSON	1, 2		KGPH	MOSBY	MO (US)
STAR	ROBINSON	1, 2		KSTJ	ST JOSEPH	MO (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 07/19/2018

REASON FOR REVISION:

REMARKS: ADDED FACILITIES USED TO ESTABLISH FIX COORDINATES.

FIX USE: ADDED SEVEN AIRPORTS TO ROBINSON STAR: KFLV, KIXD, KOJC, KMKC, KLXT, KGPH, KSTJ.

DEVELOPED BY:

DATE: 03/16/2018

OFFICE: AJV-5422

NAME: DAVID DOWLING

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Apr 10, 2018

DISTRIBUTION:

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

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KARAA STATE: MO COUNTRY: US ICAO REGION CODE: K3
 LATITUDE/LONGITUDE: 401622.57N/0951523.49W 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	MRA	MAA
1	ROBINSON	RBA	VOR/DME	L	012.81	016.81	26.44	26.44	19000	27000
2	PAWNEE CITY	PWE	VORTAC	H	079.00	084.00		43.86	18000	39000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
RBA	VOR/DME	R-013	27	19000	27000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ROBINSON (FAC 1) AND PAWNEE CITY (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	ROBINSON	1, 2		KFLV	FORT LEAVENWORTH	KS (US)
STAR	ROBINSON	1, 2		KIXD	OLATHE	KS (US)
STAR	ROBINSON	1, 2		KOJC	OLATHE	KS (US)
STAR	ROBINSON	1, 2		KMCI	KANSAS CITY	MO (US)
STAR	ROBINSON	1, 2		KMKC	KANSAS CITY	MO (US)
STAR	ROBINSON	1, 2		KLXT	LEES SUMMIT	MO (US)
STAR	ROBINSON	1, 2		KGPH	MOSBY	MO (US)
STAR	ROBINSON	1, 2		KSTJ	ST JOSEPH	MO (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 DATE OF REVISION: 07/19/2018

REASON FOR REVISION:

ADDED FAC 1 AND FAC 2 NM DISTANCE.
 FAC 1: CHANGED MRA FROM 18000 TO 19000.
 REFORMATTED RBA VOR/DME ESV.
 REMARKS: ADDED FACILITIES USED TO ESTABLISH FIX COORDINATES.
 FIX USE: ADDED 7 AIRPORTS FOR ROBINSON STAR: KFLV, KIXD, KOJC, KMKC, KLXT, KGPH, KSTJ.

DEVELOPED BY: DATE: 03/15/2018 OFFICE: AJV-5422 NAME: DAVID DOWLING

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

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON

DISTRIBUTION: NFDC
 FPO: CEN
 ARTCC: ZKC, ZMP
 ATC FACILITY:
 OTHER:

Apr 10, 2018

QUALITY
 14
 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: OMAHA VORTAC

STATE: IA

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 411001.80N/0954412.67W

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	OMAHA	OVR	VORTAC	H							45000

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

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	E	OVR	VORTAC	104.00	284.00	R	1		3000	6000	4	5
2	SE	OVR	VORTAC	133.00	313.00	R	1		2900	6000	4	5
3	E		WP	107.00	287.00	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	410748.00N/0954720.00W	1540	2C
2	200	TOWER (19-020083)	410553.30N/0954537.32W	1607	4D
3	200	TOWER (19-002579)	411442.91N/0954133.28W	1566	2C

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3000.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: E8/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DES MOINES			KDSM	DES MOINES	IA (US)
DP	ORSKY			KCBF	MINNEAPOLIS	MN (US)
DP	ORSKY			KFCM	MINNEAPOLIS	MN (US)
DP	MEADOW LAKE			KMSP	MINNEAPOLIS	MN (US)
DP	MINNEAPOLIS			KMSP	MINNEAPOLIS	MN (US)
DP	ORSKY			KMSP	MINNEAPOLIS	MN (US)
DP	ORSKY			KSTP	ST PAUL	MN (US)
EN ROUTE	J151					(US)
EN ROUTE	J21					(US)
EN ROUTE	J41					(US)
EN ROUTE	V138					(US)
EN ROUTE	V159					(US)
EN ROUTE	V172					(US)
EN ROUTE	V181					(US)
EN ROUTE	V307					(US)
EN ROUTE	V6					(US)
EN ROUTE	V8					(US)
IAP	ILS OR LOC RWY 36		1	KCBF	COUNCIL BLUFFS	IA (US)
IAP	RNAV (GPS) RWY 18			KCBF	COUNCIL BLUFFS	IA (US)
IAP	RNAV (GPS) RWY 36			KCBF	COUNCIL BLUFFS	IA (US)
IAP	VOR-A		2	KCBF	COUNCIL BLUFFS	IA (US)
IAP	RNAV (GPS) RWY 5			KRDK	RED OAK	IA (US)
IAP	VOR/DME-A			KRDK	RED OAK	IA (US)
IAP	NDB RWY 4			KSDA	SHENANDOAH	IA (US)
IAP	VOR/DME RWY 12			KSDA	SHENANDOAH	IA (US)
IAP	VOR/DME RWY 14			KFET	FREMONT	NE (US)
IAP	VOR RWY 17			KLNK	LINCOLN	NE (US)
IAP	VOR RWY 18			KLNK	LINCOLN	NE (US)
IAP	RNAV (GPS) RWY 15			KAFK	NEBRASKA CITY	NE (US)
IAP	ILS OR LOC RWY 14L		1	KOMA	OMAHA	NE (US)
IAP	ILS OR LOC RWY 14R		1	KOMA	OMAHA	NE (US)
IAP	ILS OR LOC RWY 18		1	KOMA	OMAHA	NE (US)
IAP	ILS OR LOC RWY 32L		1	KOMA	OMAHA	NE (US)
IAP	ILS OR LOC RWY 32R		1	KOMA	OMAHA	NE (US)
IAP	ILS OR LOC RWY 36		1	KOMA	OMAHA	NE (US)
IAP	ILS RWY 14R (CAT II)		1	KOMA	OMAHA	NE (US)
IAP	ILS RWY 14R (CAT III)		1	KOMA	OMAHA	NE (US)
IAP	ILS RWY 14R (SA CAT I)		1	KOMA	OMAHA	NE (US)
IAP	ILS RWY 32R (CAT II)		1	KOMA	OMAHA	NE (US)
IAP	ILS RWY 32R (CAT III)		1	KOMA	OMAHA	NE (US)
IAP	RNAV (GPS) Y RWY 14L		3	KOMA	OMAHA	NE (US)
IAP	RNAV (GPS) Y RWY 14R		3	KOMA	OMAHA	NE (US)
IAP	RNAV (GPS) Y RWY 18			KOMA	OMAHA	NE (US)
IAP	RNAV (GPS) Y RWY 32L			KOMA	OMAHA	NE (US)
IAP	RNAV (GPS) Y RWY 32R			KOMA	OMAHA	NE (US)
IAP	RNAV (GPS) Y RWY 36			KOMA	OMAHA	NE (US)
IAP	RNAV (RNP) Z RWY 14L		3	KOMA	OMAHA	NE (US)

QUALITY
14
CHECKED

IAP	RNAV (RNP) Z RWY 14R	3	KOMA	OMAHA	NE (US)
IAP	NDB RWY 16		KPMV	PLATTSMOUTH	NE (US)
IAP	NDB RWY 34		KPMV	PLATTSMOUTH	NE (US)
STAR	ROBINSON		KFLV	FORT LEAVENWORTH	KS (US)
STAR	ROBINSON		KIXD	OLATHE	KS (US)
STAR	ROBINSON		KOJC	OLATHE	KS (US)
STAR	ROBINSON		KMCI	KANSAS CITY	MO (US)
STAR	ROBINSON		KMKC	KANSAS CITY	MO (US)
STAR	ROBINSON		KLXT	LEES SUMMIT	MO (US)
STAR	ROBINSON		KGPH	MOSBY	MO (US)
STAR	ROBINSON		KSTJ	ST JOSEPH	MO (US)
STAR	HOWRY		KOFF	OMAHA	NE (US)
STAR	LANTK		KOFF	OMAHA	NE (US)
STAR	MARWI		KOFF	OMAHA	NE (US)
STAR	PAWNEE CITY		KOFF	OMAHA	NE (US)
STAR	SIOUX CITY		KOFF	OMAHA	NE (US)
STAR	HOWRY		KOMA	OMAHA	NE (US)
STAR	LANTK		KOMA	OMAHA	NE (US)
STAR	MARWI		KOMA	OMAHA	NE (US)
STAR	PAWNEE CITY		KOMA	OMAHA	NE (US)
STAR	SIOUX CITY		KOMA	OMAHA	NE (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 25

DATE OF REVISION: 07/19/2018

REASON FOR REVISION:

REMOVED UNPLANNED HOLDING CONTROLLING OBSTACLE.

CHARTING: ADDED CONTROLLER LOW AND CONTROLLER HIGH.

FIX USE: ADDED SEVEN AIRPORTS TO ROBINSON STAR: KFLV, KIXD, KOJC, KMKC, KLXT, KGPH, KSTJ.

DEVELOPED BY: **DATE:** 03/15/2018 **OFFICE:** AJV-5422 **NAME:** DAVID DOWLING

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

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Apr 10, 2018

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZMP
ATC FACILITY: OMA APP CON
OTHER:

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PEGGI

STATE: KS

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 393411.16N/0950744.93W

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 NM	FAC FEET	MRA	MAA
1	ROBINSON	RBA	VOR/DME	L	136.98	140.98	21.66	21.66		3000	17500
2	ST JOSEPH	STJ	VORTAC	H	194.00	202.00		25.26		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

REMARKS:

ROBINSON (FAC 1) AND ST JOSEPH (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	ROBINSON	1, 2		KFLV	FORT LEAVENWORTH	KS (US)
STAR	ROBINSON	1, 2		KIXD	OLATHE	KS (US)
STAR	ROBINSON	1, 2		KOJC	OLATHE	KS (US)
STAR	ROBINSON	1, 2		KMCI	KANSAS CITY	MO (US)
STAR	ROBINSON	1, 2		KMKC	KANSAS CITY	MO (US)
STAR	ROBINSON	1, 2		KLXT	LEES SUMMIT	MO (US)
STAR	ROBINSON	1, 2		KGPH	MOSBY	MO (US)
STAR	ROBINSON	1, 2		KSTJ	ST JOSEPH	MO (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 07/19/2018

REASON FOR REVISION:

ADDED NM DISTANCE TO FACS 1 AND 2.

REMARKS: ADDED FACILITIES USED TO ESTABLISH FIX COORDINATES.

FIX USE: ADDED SEVEN AIRPORTS TO ROBINSON STAR: KFLV, KIXD, KOJC, KMKC, KLXT, KGPH, KSTJ.

DEVELOPED BY:

DATE: 03/16/2018

OFFICE: AJV-5422

NAME: DAVID DOWLING

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Apr 10, 2018

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZKC

ATC FACILITY: MCI APP CON

OTHER:

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ROBINSON VOR/DME **STATE:** KS **COUNTRY:** US **ICAO REGION CODE:** K3
LATITUDE/LONGITUDE: 395103.00N/0952523.00W **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	ROBINSON	RBA	VOR/DME	L						17500

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	NW	RBA	VOR/DME	296.00	116.00	R	1-1 1/2	8000 17500	8 16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (17-0370)	395025.00N/0953357.00W	1568	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.
 UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 8000.

REMARKS:

ASSIGNED FACILITY MAG VAR 2000/E4.
 PRECIPITIOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V61					
IAP	VOR/DME RWY 16			KK59	ATCHISON	KS (US)
STAR	ROBINSON		1	KFLV	FORT LEAVENWORTH	KS (US)
STAR	ROBINSON		1	KIXD	OLATHE	KS (US)
STAR	ROBINSON		1	KOJC	OLATHE	KS (US)
STAR	ROBINSON		1	KMCI	KANSAS CITY	MO (US)
STAR	ROBINSON		1	KMKC	KANSAS CITY	MO (US)
STAR	ROBINSON		1	KLXT	LEES SUMMIT	MO (US)
STAR	ROBINSON		1	KGPH	MOSBY	MO (US)
STAR	ROBINSON		1	KSTJ	ST JOSEPH	MO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 07/19/2018

REASON FOR REVISION:

ESV: REMOVED ESV ON FILE STATEMENT.
 HOLDING: REMOVED PATS 2 AND 3; REMOVED PAT 1 265 AIRSPEED PATTERN; LOWERED PAT 1 MAX ALTITUDE FROM 39000 TO 17500 AND CHANGED PAT 1 MAX TEMPLATE FROM 27 TO 16.
 CHARTING: ADDED CONTROLLER LOW AND CONTROLLER HIGH.
 REMARKS: ADDED RBA MAG VAR VALUE AND PRECIPITOUS TERRAIN EVALUATION; MOVED UNPLANNED HOLDING ENTRY TO HOLDING RESTRICTIONS SECTION.
 FIX USE: ADDED 7 AIRPORTS FOR ROBINSON STAR: KFLV, KIXD, KOJC, KMKC, KLXT, KGPH, KSTJ; REMOVED ALL PROCEDURES AT KFNB; REMOVED VOR/DME RNAV OR GPS RWY 13.

DEVELOPED BY: **DATE:** 03/15/2018 **OFFICE:** AJV-5422 **NAME:** DAVID DOWLING

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

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Apr 10, 2018

DISTRIBUTION:

NFDC
 FPO: CEN
 ARTCC: ZKC, ZMP
 ATC FACILITY: STJ APP CON
 OTHER:

QUALITY
14
CHECKED