

RADIO FIX AND HOLDING DATA RECORD

NAME: BRAYMER VOR/DME STATE: MO COUNTRY: US ICAO REGION CODE: K3
 LATITUDE/LONGITUDE: 393750.00N/0935231.00W 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 FEET	MRA	MAA
1	BRAYMER	BQS	VOR/DME	L						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	BQS	VOR/DME	220.00	040.00	R	1	2700 6000	4 5
2	NE	BQS	VOR/DME	054.00	234.00	R	1-1 1/2	8000 17500	8 16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (29-001785)	394012.00N/0934814.00W	1238	5E
2	230	TOWER (29-001607)	394500.00N/0933840.00W	1318	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED FACILITY MAGVAR: 3 DEGREES EAST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V502					(US)
IAP	RNAV (GPS) Y RWY 19			KMKC	KANSAS CITY	MO (US)
IAP	RNAV (GPS) Z RWY 19			KMKC	KANSAS CITY	MO (US)
IAP	ILS OR LOC/DME RWY 18 (ALT MA)		1	KGPH	MOSBY	MO (US)
IAP	RNAV (GPS) RWY 36			KGPH	MOSBY	MO (US)
STAR	BRAYMER		2	KFLV	FORT LEAVENWORTH	KS (US)
STAR	BRAYMER		2	KIXD	OLATHE	KS (US)
STAR	BRAYMER		2	KOJC	OLATHE	KS (US)
STAR	BRAYMER		2	KMCI	KANSAS CITY	MO (US)
STAR	BRAYMER		2	KMKC	KANSAS CITY	MO (US)
STAR	BRAYMER		2	KLXT	LEE'S SUMMIT	MO (US)
STAR	BRAYMER		2	KGPH	MOSBY	MO (US)
STAR	BRAYMER		2	KSTJ	ST JOSEPH	MO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 DATE OF REVISION: 08/10/2023

REASON FOR REVISION:

REMOVED RNAV GPS RWY 19 AT KMKC FROM FIX USE
 ADDED RNAV GPS Z RWY 19 AND RNAV GPS Y RWY 19 AT KMKC TO FIX USE

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A433 NAME: GUY COPELAND

APPROVED BY: DATE: 08/10/2023 OFFICE: AJV-A430 NAME: JOHNNIE BAKER

SIGNATURE: Digitally signed by
DAVID TEFFETELLER
 May 17, 2023

QUALITY
 16
 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: COVRI

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 392022.75N/0943148.39W

TYPE: WP, RADAR, 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 FAC NM	MRA	MAA
1	KANSAS CITY	I-MKC	LOC/DME		011.69	012.69	13.86	13.88	3000	5200
2	NAPOLEON	ANX	VORTAC	L	301.17	308.17	23.76	23.76	3000	5200
3	KANSAS CITY	MCI	VORTAC	H	066.25	071.25	10.17	10.17	3000	5200

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING ALTITUDES MIN DME	MAX	TEMPLATES MIN	MAX
1	N		WP	011.73	191.73	R		3000	6000	5	6
2	N	I-MKC	LOC/DME	011.69	191.69	R	1	3000	5300	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (29-000029)	391908.00N/0942949.00W	1397	4D
2	200	TOWER (29-000029)	391908.00N/0942949.00W	1397	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

I-MKC DME ANTENNA: 390651.56N/0943547.36W
FAC 2 AND 3 INFORMATION ONLY TO HELP LOCATE DME FIX.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 19	1, 2, 3	2	KMKC	KANSAS CITY	MO (US)
IAP	RNAV (GPS) Y RWY 19	1	1	KMKC	KANSAS CITY	MO (US)
IAP	RNAV (GPS) Z RWY 19	1	1	KMKC	KANSAS CITY	MO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 08/10/2023

REASON FOR REVISION:

UPDATED ALL FIX MAKE UP FACILITIES MAA FROM 5200 TO 5300
REMOVED RNAV GPS RWY 19 AT KMKC FROM FIX USE
ADDED RNAV GPS Z RWY 19 AND RNAV GPS Y RWY 19 AT KMKC TO FIX USE

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A430

NAME: GUY COPELAND

APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

Digitally signed by

DAVID TEFFETELLER

May 17, 2023

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DONNS

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 393222.44N/0940321.45W

TYPE: WP, 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 FAC NM	FEET	MRA	MAA
1	BRAYMER	BQS	VOR/DME	L	234.00	237.00	10.00	10.00		3000	17500
2	NAPOLEON	ANX	VORTAC	L	000.24	007.24		26.84		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

BRAYMER (FAC 1) AND NAPOLEON (FAC 2) USED TO DETERMINE FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Y RWY 19			KMKC	KANSAS CITY	MO (US)
IAP	RNAV (GPS) Z RWY 19			KMKC	KANSAS CITY	MO (US)
STAR	BRAYMER	1, 2		KFLV	FORT LEAVENWORTH	KS (US)
STAR	BRAYMER	1, 2		KIXD	OLATHE	KS (US)
STAR	BRAYMER	1, 2		KOJC	OLATHE	KS (US)
STAR	BRAYMER	1, 2		KMCI	KANSAS CITY	MO (US)
STAR	BRAYMER	1, 2		KMKC	KANSAS CITY	MO (US)
STAR	BRAYMER	1, 2		KLXT	LEE'S SUMMIT	MO (US)
STAR	BRAYMER	1, 2		KGPH	MOSBY	MO (US)
STAR	BRAYMER	1, 2		KSTJ	ST JOSEPH	MO (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 08/10/2023

REASON FOR REVISION:

REMOVED RNAV GPS RWY 19 AT KMKC FROM FIX USE
ADDED RNAV GPS Z RWY 19 AND RNAV GPS Y RWY 19 AT KMKC TO FIX USE

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE: Digitally signed by

DAVID TEFFETELLER

May 17, 2023

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MIFEV

STATE: KS

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 390114.08N/0944704.13W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

IAP
IAP
IAP

USE TITLE

RNAV (GPS) RWY 18
RNAV (GPS) Y RWY 19
RNAV (GPS) Z RWY 19

FAC

PAT

AIRPORT IDENT

KIXD
KMKC
KMKC

CITY

OLATHE
KANSAS CITY
KANSAS CITY

STATE

KS (US)
MO (US)
MO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 08/10/2023

REASON FOR REVISION:

REMOVED RNAV GPS RWY 19 AT KMKC FROM FIX USE
ADDED RNAV GPS Z RWY 19 AND RNAV GPS Y RWY 19 AT KMKC TO FIX USE

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE: *Digitally signed by*
DAVID TEFFETELLER
May 17, 2023

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: YETUK

STATE: KS

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 385558.00N/0945726.40W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	SE		WP	116.19	296.19	R	4	4000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (20-001385)	385607.50N/0945042.13W	1546	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Y RWY 19		1	KMKC	KANSAS CITY	MO (US)
IAP	RNAV (GPS) Z RWY 19		1	KMKC	KANSAS CITY	MO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 08/10/2023

REASON FOR REVISION:

CHANGED FIX USE REMOVED RNAV GPS RWY 19, ADDED RNAV GPS Y RWY 19 AND RNAV GPS Z RWY 19

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE: *Digitally signed by*
DAVID TEFFETELLER
May 17, 2023

QUALITY
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CHECKED