

## RADIO FIX AND HOLDING DATA RECORD

NAME: CFBFM

STATE: KY

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 380338.04N/0854532.43W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION:

## FIX USE:

## USE TYPE

IAP  
IAP

## USE TITLE

RNAV (RNP) Z RWY 35L  
RNAV (RNP) Z RWY 35R

## FAC

## PAT

## AIRPORT IDENT

KSDF  
KSDF

## CITY

LOUISVILLE  
LOUISVILLE

## STATE

KY (US)  
KY (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/26/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 12/06/2011

OFFICE: AJV-352

NAME: BRIAN SHAFFER

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A420

NAME: DAVID DANNER

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: EST  
ARTCC: ZID  
ATC FACILITY:  
OTHER:

## RADIO FIX AND HOLDING DATA RECORD

NAME: CFBGM

STATE: KY

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 380455.81N/0853825.50W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION:

## FIX USE:

## USE TYPE

IAP  
IAP

## USE TITLE

RNAV (RNP) Z RWY 35L  
RNAV (RNP) Z RWY 35R

## FAC

## PAT

## AIRPORT IDENT

KSDF  
KSDF

## CITY

LOUISVILLE  
LOUISVILLE

## STATE

KY (US)  
KY (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/26/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 12/08/2011

OFFICE: AJV-352

NAME: BRIAN SHAFFER

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A420

NAME: DAVID DANNER

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: EST  
ARTCC: ZID  
ATC FACILITY:  
OTHER:

## RADIO FIX AND HOLDING DATA RECORD

NAME: MEEKO

STATE: KY

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 375024.32N/0853650.43W

TYPE: WP, RADAR, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	LOUISVILLE	I-JJM	LOC/DME		169.92	164.92	21.63	21.66	6000	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-JJM	LOC/DME	R-170	22	6000	17500

HOLDING:

HOLDING TYPE OF ACTION:

## REMARKS:

I-JJM DME COORDINATES 381120.40/0854351.64

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35R	1		KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35R (CAT II & CAT III)	1		KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35R (SA CAT I)	1		KSDF	LOUISVILLE	KY (US)
IAP	RNAV (GPS) Y RWY 35R			KSDF	LOUISVILLE	KY (US)
IAP	RNAV (RNP) Z RWY 35R			KSDF	LOUISVILLE	KY (US)
STAR	LEDDL (RNAV)			KSDF	LOUISVILLE	KY (US)
STAR	MBELL (RNAV)			KSDF	LOUISVILLE	KY (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/11/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RAYMOND JOHNSON

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A423

NAME: MICHAEL GARRITY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: MLLEYSTATE: KYCOUNTRY: USICAO REGION CODE: K5

LATITUDE/LONGITUDE: 380804.74N/0853245.98WTYPE: WP

AIRSPACE DOCKET:FIX TYPE OF ACTION: ESTABLISH

HOLDING:HOLDING TYPE OF ACTION:

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
IAP	ILS OR LOC RWY 35R			KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35R (SA CAT I)			KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35R (SA CAT II & III)			KSDF	LOUISVILLE	KY (US)
IAP	RNAV (GPS) Y RWY 35R			KSDF	LOUISVILLE	KY (US)
IAP	RNAV (RNP) Z RWY 35R			KSDF	LOUISVILLE	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIGDATE OF REVISION: 07/11/2024

INITIATED BY:DATE:ORGANIZATION:NAME:

OFFICE OF PRIMARY RESPONSIBILITY:AJV-A423NAME: PHILLIP BRANDENBURG

APPROVED BY:DATE: 07/11/2024OFFICE: AJV-A423NAME: ALLAN WILL

SIGNATURE:

## RADIO FIX AND HOLDING DATA RECORD

NAME: OHNNA

STATE: KY

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 375446.45N/0853817.87W

TYPE: WP, RADAR, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	LOUISVILLE	I-JJM	LOC/DME		169.92	164.92	17.12	17.14		5000	17500

HOLDING:

HOLDING TYPE OF ACTION:

## REMARKS:

I-JJM DME COORDINATES 381120.40/0854351.64

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35R	1		KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35R (CAT II & III)	1		KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35R (SA CAT I)	1		KSDF	LOUISVILLE	KY (US)
IAP	RNAV (GPS) Y RWY 35R			KSDF	LOUISVILLE	KY (US)
IAP	RNAV (RNP) Z RWY 35R			KSDF	LOUISVILLE	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/11/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

## RADIO FIX AND HOLDING DATA RECORD

NAME: PARCL

STATE: KY

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 380416.47N/0854130.29W

TYPE: WP, RADAR, 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	LOUISVILLE	I-JJM	LOC/DME		169.92	164.92	7.30	7.32	44479	2400	5000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

I-JJM DME COORDINATES: 381120.40N/0854351.64W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35R	1		KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35R (CAT II & III)	1		KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35R (SA CAT I)	1		KSDF	LOUISVILLE	KY (US)
IAP	RNAV (GPS) Y RWY 35R			KSDF	LOUISVILLE	KY (US)
IAP	RNAV (RNP) Z RWY 35R			KSDF	LOUISVILLE	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 07/11/2024

## REASON FOR REVISION:

FIX MOVED 7 FEET EAST.

FAC 1 MAG/TRUE BRG CHANGED FROM 169.91/164.91 TO 169.92/164.92.

FAC 1 DIST FROM FAC FEET CHANGED FROM 44477 TO 44479.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

## RADIO FIX AND HOLDING DATA RECORD

NAME: PGSUS

STATE: KY

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 375823.03N/0853930.25W

TYPE: WP, 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 FAC NM	MRA	MAA
1	LOUISVILLE	I-JJM	LOC/DME		169.92	164.92	13.39	13.41	4000	5000
2	LOUISVILLE	IIU	VORTAC	H	205.18	206.18		8.71	4000	5000

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-JJM	LOC/DME	BRG-170	14	4000	5000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

LOUISVILLE (FAC 1) AND LOUISVILLE (FAC 2) USED TO ESTABLISH FIX COORDINATES.

I-JJM DME COORDINATES: 381120.40N/0854351.64W

ESV IS FOR I-JJM GLIDESLOPE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35R	1, 2		KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35R (CAT II & III)	1, 2		KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35R (SA CAT I)	1, 2		KSDF	LOUISVILLE	KY (US)
IAP	RNAV (GPS) Y RWY 35R			KSDF	LOUISVILLE	KY (US)
IAP	RNAV (RNP) Z RWY 35R			KSDF	LOUISVILLE	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 07/11/2024

## REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: CHANGED FAC 1 MAG BRG FROM 169.91 TO 169.92 AND TRUE BRG FROM 164.91 TO 164.92.

2. FIX USE: REMOVED STAR MBELL (RNAV) AND STAR MAUDD (RNAV) AT AIRPORT KSDF.

3. REQUIRED CHARTING: REMOVED STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RAYMOND JOHNSON

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A423

NAME: MICHAEL GARRITY

SIGNATURE:

## RADIO FIX AND HOLDING DATA RECORD

NAME: TORAC

STATE: KY

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 381935.11N/0852233.61W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

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	W		WP	251.00	071.00	L	4	3000	6000	5	6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION
1	200	TOWER (21-000111)

COORDINATES
381541.00N/0852543.00W

ELEVATION
1408

ACCURACY CODE
4D

## REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Y RWY 35R		1	KSDF	LOUISVILLE	KY (US)
IAP	RNAV (RNP) Z RWY 35R		1	KSDF	LOUISVILLE	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 07/11/2024

## REASON FOR REVISION:

REMOVED FIX USE KSDF ILS OR LOC RWY 17L, ILS OR LOC RWY 35R (SA CAT I, CAT II-III).  
REMOVED RADAR FROM FIX TYPE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:



RADIO FIX AND HOLDING DATA RECORD

NAME: TUSCR STATE: KY COUNTRY: US ICAO REGION CODE: K5  
LATITUDE/LONGITUDE: 380455.96N/0855325.60W TYPE: WP  
AIRSPACE DOCKET: FIX TYPE OF ACTION: ESTABLISH  
HOLDING: HOLDING TYPE OF ACTION:

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
IAP	ILS OR LOC RWY 35R			KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35R (SA CAT I)			KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35R (SA CAT II & III)			KSDF	LOUISVILLE	KY (US)
IAP	RNAV (GPS) Y RWY 35R			KSDF	LOUISVILLE	KY (US)
IAP	RNAV (RNP) Z RWY 35R			KSDF	LOUISVILLE	KY (US)

REQUIRED CHARTING: IAP  
COMPULSORY REPORTING POINT: NO  
RECORD REVISION NUMBER: ORIG DATE OF REVISION: 07/11/2024  
INITIATED BY: DATE: ORGANIZATION: NAME:  
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: PHILLIP BRANDENBURG  
APPROVED BY: DATE: 07/11/2024 OFFICE: AJV-A423 NAME: ALLAN WILL  
SIGNATURE:

## RADIO FIX AND HOLDING DATA RECORD

NAME: UPSCO

STATE: KY

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 380145.69N/0854039.09W

TYPE: WP, 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	LOUISVILLE	I-JJM	LOC/DME		169.92	164.92	9.90	9.92		3000	5000
2	LOUISVILLE	IIU	VORTAC	H	225.91	226.91		6.50		3000	5000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

LOUISVILLE (FAC 1) AND LOUISVILLE (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
I-JJM DME COORDINATES: 381120.40N/0854351.64W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35R	1, 2		KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35 R (CAT II & III)	1, 2		KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35R (SA CAT I)	1, 2		KSDF	LOUISVILLE	KY (US)
IAP	RNAV (GPS) Y RWY 35R			KSDF	LOUISVILLE	KY (US)
IAP	RNAV (RNP) Z RWY 35R			KSDF	LOUISVILLE	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 07/11/2024

## REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: CHANGED FAC 1 MAG BRG FROM 169.91 TO 169.92 AND TRUE BRG FROM 164.91 TO 164.92.
2. FIX USE: REMOVED STAR MBELL (RNAV) AND STAR MAUDD (RNAV) AT AIRPORT KSDF.
3. REQUIRED CHARTING: REMOVED STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RAYMOND JOHNSON

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A423

NAME: MICHAEL GARRITY

SIGNATURE: