US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BRBON (IAF)	PGSUS (FB)	354.79 / 8.29	4000
PGSUS (IF)	UPSCO (FB)	347.96 / 3.49	3000
UPSCO	PARCL (FB)	347.95 / 2.60	2400
PARCL (FAF)	HOSTO/2.70 NM TO RW35R (FB)	347.94 / 3.17	
HOSTO/2.70 NM TO RW35R	RW35R (MAP) (FO)	347.93 / 2.70	
RW35R (MAP)	1000 MSL	347.93	1000
1000 MSL	ABB VORTAC (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35R

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT ABB VORTAC AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT PGSUS
3. FAC: 347.94 FAF: PARCL DIST FAF TO MAP: 5.87 THLD: 5.87
4. MIN. ALT: PGSUS 4000, UPSCO 3000, PARCL 2400, HOSTO/2.70 NM TO RW35R 1360*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2400 GS ALT AT: PARCL 2400 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 60.4 34:1 IS CLEAR
8. MSA FROM: RW35R 3600

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 199.00 INBOUND.
CHART FAS OBST: 740 CTRL TWR 380933N/0854348W
CHART R-3704 A & B.
DISTANCE TO THLD FROM 200 HAT: 0.44 NM.
CHART VDP AT 1.43 MILES TO RW35R*
*LNAV ONLY.
WAAS CHANNEL # 70709
REFERENCE PATH ID: W35D
CHART ARRIVAL HOLDING AT BRBON: HOLD S, RT, 008.43 INBOUND, 4000.
LTP HAE: 110.4 M
CHART LOC RWY 35L.

MAG VAR: 3W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	672	2400	200	672	2400	200	672	2400	200	672	2400	200			
LNAV/VNAV DA	901	5000	429	901	5000	429	901	5000	429	901	5000	429			
LNAV MDA	1000	2400	528	1000	2400	528	1000	5500	528	1000	5500	528			
CIRCLING	1040	1	539	1140	1	639	1140	1 3/4	639	1140	2	639			

NOTES:
CHART NOTE: CIRCLING TO RWY 11 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -14C (7F) OR ABOVE 37C (98F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
(SEE FORM 8260-10)

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 501 THRE: 472 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 35R
LOUISVILLE, KY	LOUISVILLE INTL-STANDIFORD FIELD	RNAV	RNAV (GPS) Y RWY 35R, AMDT 1	AMDT: ORIG-A
				DATED 10/21/2010

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[X] YES [ ] NO		ROUTINE

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[X]	[ ]	[X]	[X]	[X]	[X]	[X] SDF ATCT, SDF APP CON, ZID, SDF ARPT MGR

FLIGHT CHECKED BY

NAME:	FIFO	DATE:

DEVELOPED BY

NAME:	FIFO	DATE:
BRIAN M. SHAFFER	AJV-352	07/12/2011

APPROVED BY

NAME:		FIFO	DATE:
DARRYEL ADAMS	MANAGER	AJV-352	

CHANGES:

1. CHANGED TCH FROM 60.5 TO 60.4 (ROUNDS TO 60).
2. HOSTO FIX MOVED FROM 2.6 NM FROM THLD TO 2.7 NM.
3. FINAL SEGMENT CHANGED FROM 5.77 TO 5.87 NM.
4. CHANGED UPSCO TO PARCL INTERMEDIATE STEPDOWN SEGMENT FROM 1.9 NM TO 2.6 NM.
5. DELETED MIXKO TO HAVEP SEGMENT.
6. ADDED PGSUS (8260.69A FORMULA) TO UPSCO SEGMENT WITH PGSUS AT OR ABOVE 4000.
7. ADDED BRBON TO PGSUS SEGMENT.
8. MISSED APPROACH CHANGED FROM: CLIMB TO 3000 DIRECT WOGON AND VIA 014.67 DEGREE TRACK TO ABB VORTAC AND HOLD. TO: CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT ABB VORTAC AND HOLD.
9. LOWERED LPV DA FROM 680 TO 672.
10. LOWERED LNAV/VNAV DA/HAT FROM 990/510 TO 901/429.
11. LOWERED LNAV/VNAV VISIBILITY FROM RVR 6000 TO RVR 5000.
12. RAISED LNAV HAT FROM 520 TO 528 HATH.
13. RAISED LNAV CAT C/D VISIBILITY FROM RVR 5000/6000 TO 5500.

SEE 8260-10

REASONS:

1. ILS OR LOC RWY 35R TCH (I-JJM) 60.45 ROUNDS TO 60.
2. OPTIMIZE DESCENT.
3. 8260.54A, FORMULA 2-17B.
4. 8260.69A FORMULAS.
5. TURN FROM MIXKO TO PGSUS WOULD EXCEED 8260.54A CRITERIA/SEGMENT LENGTH FROM PGSUS TO UPSCO.
6, 7. MIRROR ILS PROCEDURE.
8. 8260.19D/START TURN EARLIER THAN USE OF A FIX DUE TO SIMULTANEOUS OPERATIONS.
9, 12. USE OF HATH.
10. 8S0.54A CRITERIA.
11, 13. 8260.3B, CHANGE 20 VISIBILITIES.
14. RWY 11 20:1 VISUAL SURFACE PENETRATIONS.
15. 8260.54A CRITERIA/MEMO DATED 20 MAY, 2011.
16. NOTE INCORRECT, ARRIVAL HOLDING NOT REQUIRED FOR NORTHBOUND AIRCRAFT ON V5-513 AND USE OF ON INSTEAD OF VIA.
17. INOPERATIVE TABLE INCREASES DO NOT EQUAL NO LIGHT VISIBILITIES.

SEE 8260-10

03/14/12: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 07/12/2011.

1. ADDED CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
2. ADDED CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 35L.
3. ADDED CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):
*LNAV ONLY
CHART PLANVIEW NOTE: ARRIVAL HOLDING NOT REQUIRED AT BRBON ON V5-513 NORTHBOUND.
CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 3/8 AND LNAV CATS C/D VISIBILITY TO 1 1/2 MILE.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 35L.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 501 THRE: 472	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 35R
LOUISVILLE, KY	AIRPORT NAME: LOUISVILLE INTL-STANDIFORD FIELD	RNAV	RNAV (GPS) Y RWY 35R, AMDT 1	AMDT: ORIG-A
				DATED: 10/21/2010

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

CHANGES CONT.
14. ADDED NOTE: CIRCLING TO RWY 11 NA AT NIGHT. 15. CHANGED NOTE FROM: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 48C (118F). TO: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -14C (7F) OR ABOVE 37C (98F). 16. CHANGED NOTE FROM: ARRIVAL HOLDING NOT REQUIRED AT BRBON VIA V5-513 SOUTHBOUND. TO: ARRIVAL HOLDING NOT REQUIRED AT BRBON ON V5-513 NORTHBOUND. 17. ADDED NOTE: FOR INOPERATIVE ALSF-2, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 3/8 AND LNAV CATS C/D VISIBILITY TO 1 1/2 MILE. 18. ADDED "Y" SUFFIX TO PROCEDURE NAME. 19. ADDED CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
20. ADDED CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.
21. ADDED CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 35L.
22. ADDED "CHART LOC RWY 35L" IN ADDITIONAL FLGHT DATA.

REASONS:

REASONS CONT.
18. ADDITION OF RNAV GPS PROCEDURE TO SAME RUNWAY.
19, 20, 21. DIRECTED BY ATO, AJW-372, IAW 8260.19E.
22. 8260.19D, PARA 857K.

PDF EDITS:
8260-3:
1. ADDED (FAF) AFTER PARCL IN TERMINAL ROUTES.
2. DELETED 1360* IN ALTITUDE COLUMN OF PARCL TO HOSTO SEGEMENT IN TERMINAL ROUTES.
8260-10:
3. ADDED COURSE DATA TO RWY35R (MAP) TO 1000 MSL SEGMENT IN TERMINAL ROUTES.
4. DELETED "020" FROM ABB HOLD SEGEMENT (LAST LINE OF PAGE 4).
5. DELETED RNP 2.0 FROM FLIGHT CHECK PAGE MISSED APPROACH SECTION ABB HM LINE (LAST LINE OF MISSED APPROACH).

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSDF
RUNWAY	RW35R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35D
LTP/FTP LATITUDE	380956.6980N
LTP/FTP LONGITUDE	0854326.3370W
LTP/FTP ELLIPSOIDAL HEIGHT	+01104
FPAP LATITUDE	381122.8200N
FPAP LONGITUDE	0854355.7400W
THRESHOLD CROSSING HEIGHT (TCH)	00060.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0272
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	74D2B782

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01437
FPAP ORTHOMETRIC HEIGHT	+01437

QUALITY 5 CHECK

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LOUISVILLE, KY	ELEVATION: 501 THRE: 472 AIRPORT NAME: LOUISVILLE INTL-STANDIFORD FIELD	RNAV	RNAV (GPS) Y RWY 35R, AMDT 1	SUP: RNAV (GPS) RWY 35R AMDT: ORIG-A DATED: 10/21/2010

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ABB    K5011240VTLA N38351982W085380957    N38351982W085380957E0010007101     NARNABB

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BRBON K50    C   L N37500994W085380033                    W0044     NAR           BRBON
        SUSAEAENRT   HOSTO K50    C     N38072011W085423293                    W0044     NAR           HOSTO
        SUSAEAENRT   PARCL K50    C     N38041647W085413038                    W0044     NAR           PARCL
        SUSAEAENRT   PGSUS K50    C     N37582303W085393025                    W0044     NAR           PGSUS
        SUSAEAENRT   UPSCO K50    C     N38014569W085403909                    W0044     NAR           UPSCO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSDFK5ASDF     0     118YHN38102671W085441140W003000501         1800018000C    MNAR    LOUISVILLE INTL-STANDIFORD FIE

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSDFK5FR35RY ABRBON 010BRBONK5EA0E  C    IF                                                 18000                A JS
        SUSAP KSDFK5FR35RY ABRBON 020PGSUSK5EA0EE B 010TF                    35480083    + 04000                                A JS
        SUSAP KSDFK5FR35RY R      010PGSUSK5EA0E  I    IF                               + 04000     18000                      A JS
        SUSAP KSDFK5FR35RY R      011UPSCOK5EA0E S  051TF                    34800035    + 03000                                A JS
        SUSAP KSDFK5FR35RY R      020PARCLK5EA1E  F 051TF                    34800026    + 02400                RW35R K5PGA JS
        SUSAP KSDFK5FR35RY R      020PARCLK5EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP KSDFK5FR35RY R      021HOSTOK5EA0E S  031TF                    34790032    V 0136001391       -300               A JS
        SUSAP KSDFK5FR35RY R      030RW35RK5PG0GY M 031TF                    34790027      00532            -300               A JS
        SUSAP KSDFK5FR35RY R      040         0  M     CA                    3479        + 01000                               A JS
        SUSAP KSDFK5FR35RY R      050ABB  K5D 0VY  R   DF                               + 03000                               A JS
        SUSAP KSDFK5FR35RY R      060ABB  K5D 0VE  R   HM                    19900040    + 03000                               A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSDFK5GRW35R   0085793479 N38095670W085432634+0300    +01104004720450601501
```

CITY AND STATE	ELEVATION: 501 THRE: 472 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 35R
LOUISVILLE, KY	LOUISVILLE INTL-STANDIFORD FIELD	RNAV	RNAV (GPS) Y RWY 35R, AMDT 1	AMDT: ORIG-A
				DATED: 10/21/2010

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
PP  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------------------------
    SUSAP KSDFK5PR35RY RW35R001Y0000W35D0N3809566980W08543263370+011040300N3811228200W085435574001067502720006O4F40035074D2B782
    SUSAP KSDFK5PR35RY RW35R002E      +01437+01437LPV       70709

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------------------------
    SUSAP KSDFK5SRW35RK5PG              0   18018003625                                                                          M
```

CITY AND STATE	ELEVATION: 501 THRE: 472	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 35R
LOUISVILLE, KY	AIRPORT NAME: **LOUISVILLE INTL-STANDIFORD FIELD**	**RNAV**	**RNAV (GPS) Y RWY 35R, AMDT 1**	AMDT: **ORIG-A**
				DATED: **10/21/2010**

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BRBON	BRBON	010	IAF	IF						
	BRBON	PGSUS	020	IF	TF		FB	1.0	354.8(351.8T)	008.3	04000
		PGSUS	010	FACF	IF						04000
		UPSCO	011	SDF	TF		FB	0.5	348.0(345.0T)	003.5	03000
		PARCL	020	FAF	TF		FB	0.5	348.0(345.0T)	002.6	02400
		HOSTO	021	SDF	TF		FB	0.3	347.9(344.9T)	003.2	0136001391
		RW35R	030	MAP	TF		FO	0.3	347.9(344.9T)	002.7	00532

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA				347.9(344.9T)		01000
	ABB	050		DF	R	FO				03000
	ABB	060		HM	R	FO		199.0(196.0T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ABB	N383519.82	W0853809.57	N3835.330	W08538.160
	BRBON	N375009.94	W0853800.33	N3750.166	W08538.006
	HOSTO	N380720.11	W0854232.93	N3807.335	W08542.549
	PARCL	N380416.47	W0854130.38	N3804.275	W08541.506
	PGSUS	N375823.03	W0853930.25	N3758.384	W08539.504
	UPSCO	N380145.69	W0854039.09	N3801.762	W08540.652
	RW35R	N380956.70	W0854326.34	N3809.945	W08543.439

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35R	00472	60

CITY AND STATE	ELEVATION: 501 THRE: 472	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 35R
LOUISVILLE, KY	AIRPORT NAME: LOUISVILLE INTL-STANDIFORD FIELD	RNAV	RNAV (GPS) Y RWY 35R, AMDT 1	AMDT: ORIG-A
				DATED: 10/21/2010

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
INITIAL	BRBON	PGSUS	1. AAO	375135.30N/0854014.00W	1180 (6C)	1000	AT1820	4000
			2. TERRAIN	375135.30N/0854014.00W	980 (1000)		AS1500	2500
INTERMEDIATE	PGSUS	UPSCO	3. AAO	375733.00N/0853836.00W	1011 (4E)	500	DG1391 AC98	3000
			4. TERRAIN	375848.00N/0853800.00W	680 (700)		AS1500	2200
INTERMEDIATE:	UPSCO	PARCL	5. AAO	380309.00N/0854000.00W	916 (4E)	500	AC98 DG886	2400
STEPDOWN			6. TERRAIN	380306.00N/0854257.00W	686 (700)		AS1500	2200
FINAL: LPV	PARCL	RW35R				ASC		672/200
FINAL: LNAV/VNAV	PARCL	RW35R	7. CTRL TWR	380932.61N/0854348.30W	740 (1A)	PDA		901/429
			(21-001527)					
FINAL: LNAV	PARCL	HOSTO/2.70 NM TO	8. AAO	380608.85N/0854225.99W	1094 (2A)	250		1360
		RW35R						
FINAL: LNAV STEPDOWN	HOSTO/2.70 NM TO	RW35R	7. CTRL TWR	380932.61N/0854348.30W	740 (1A)	250		1000
	RW35R		(21-001527)					
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	DA / DA / RW35R	ABB VORTAC				ASC		3000
			9. BLDG (21-001100)	381516.00N/0854528.00W	1014 (5D)	1000		2100
ELEV:	501/740/900		10. TERRAIN	383433.00N/0853839.00W	765 (800)		AS1500	2300

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
CATEGORY A	1.3 NM	350	539	7. TWR (21-001527)	380932.61N/0854348.30W	740 (1A)	300		1040
CATEGORY B	1.5 NM	450	639	11. TREE (KSDF0132)	380923.99N/0854617.82W	825 (1B)	300		1140
CATEGORY C	1.7 NM	450	639	11. TREE (KSDF0132)	380923.99N/0854617.82W	825 (1B)	300		1140
CATEGORY D	2.3 NM	550	639	12. TOWER (21-020205)	380759.77N/0854636.17W	840 (1A)	300		1140
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES PRIMARY NAVAID: RW35R

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (21-001039)	042/ 22.4	2549 (5D)	3600					

QUALITY CHECKED

CITY AND STATE	ELEVATION: 501	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
LOUISVILLE, KY	AIRPORT NAME: LOUISVILLE INTL-STANDIFORD FIELD	RNAV	RNAV (GPS) Y RWY 35R, AMDT 1	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
ZID ARTCC SDF APP CON SDF TOWER	[ ] N W S OTHER: ASOS [ ] F A A [ ] A / C	SOURCE: KSDF DISTANCE: HOURS REMOTE OPERATION:
SATISFACTORY ON:		
[X] V H F [X] U H F [ ] H F	LOCATION: KSDF	ADJUSTMENT: 0

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3

5. APPROACH & RUNWAY LIGHTING		
	X	ALSF-2 35R, 35L
		(S) SALS
	X	MALSR 17R, 29, 17L
	X	HIRL 35R, 11, 17R, 35L, 29, 17L
		MIRL
		REIL
	X	TDZ 35R, 17R, 35L, 17L
	X	C/L 35R, 17R, 35L, 17L
	X	OTHER (SPECIFY) PAPI-4R 35R, 17R PAPI-4L 35L, 17L

6. RUNWAY MARKINGS	BASIC		
	ALL WEATHER	PIR-G 35R, 11, 17R, 35L, 29, 17L	
	INSTRUMENT		
7. RUNWAY VISUAL RANGE	APPROACH	35R, 17R, 35L, 29, 17L	
	MIDFIELD	35R, 17R, 35L, 17L	
	ROLL OUT	35R, 17R, 35L, 17L	
8. GLIDE PATH	GP ANGLE: 3.00		ELEV RWY THRESHOLD: 471.5
	DISTANCE FROM RWY:		ELEV GP ANTENNA:
			THRESHOLD CROSSING HEIGHT: 60.4

9. FINAL APPROACH COURSE AIMING			
	[ ]	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	[ ]	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: BRIAN M. SHAFFER	DATE: 07/12/2011
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

ACTUAL HIGH TEMP: 37C (98F)

ISA DEVIATION USED: 14.008C (57.215F)

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VGSI DATA: 3.00/72.

SEE ATTACHED AIRSPACE LETTER.

TCH 60.4 FT USED TO MATCH ILS (I-JJM TCH 60.45 ROUNDS DOWN).

LPV
INNER/OUTER SURFACE = 34:1
LNAV/VNAV
SURFACE = 23.22:1

AVERAGE HIGH TEMPERATURE BASED ON 5-YEAR HISTORY (2006-2010), APPLIED TO PGSUS & UPSCO.

AHT = 37C (98F)

ACT BASED ON 5-YEAR HISTORY (SAME AS AHT) = 5.4 F/-14 C

TAA NOT DEVELOPED PER ATC/FPT.

KSDF ASOS ON SERVICE A/24 HOUR OPERATION.

PFINAL INTERMEDIATE STEPDOWN CONTROLLING OBSTRUCTION FROM UPSCO TO PARCL IS 867 AAO (3801100.00N/0854300.00W) AND IS DIFFERENT THAN LNAV/VNAV & LNAV INTERMEDIATE STEPDOWN SEGMENTS. HIGHER OBSTACLE (OBS # 5) USED DUE TO WORST CASE EFFECT.

BACKUP ALTIMETER NOT EVALUATED, AIRPORT HAS MULTIPLE WEATHER SOURCES.

BLOCK 2: TERMINAL DOPPLER WEATHER RADAR (TDWR).

TERPS, VOLUME 1, VISUAL PORTION OF FINAL PENETRTIONS":

CIRCLING (RWY 11)
20:1
521 TREE (KSDF0006) 381053.17N/0854502.20W (2.77)
531 TREE (KSDF0007) 381054.99N/0854502.75W (7.41)

UPSCO & PGSUS FIXES PLACED USING 8260.69A FORMULAS.

KSDF ASOS ON SERVICE A/24 HOUR OPERATION.

100' ASSUMED TREE HEIGHT PER FPO.

IAPA AND MAP STUDY USED TO VERIFY AAO/VEGETATION OBSTACLES.

RADIO FIX AND HOLDING DATA RECORD

NAME: BRBON **STATE:** KY **COUNTRY:** US

LATITUDE/LONGITUDE: 375009.94N/0853800.33W **TYPE:** WP, RADAR, 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	DIST FROM FAC FEET	MRA	MAA
1	LOUISVILLE	I-RLI	LOC/DME		169.39	165.39	21.79	21.80		5000	6000
2	FORT KNOX	FTK	VOR/DME	T	105.71	104.71		16.67		2700	17500
3	LOUISVILLE	IIU	VORTAC	H	188.43	189.43	16.24	16.24		2700	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-RLI	LOC/DME	R-169	22	5000	6000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	S	IIU	VORTAC	188.43	008.43	R	1		4000	6000	6	6
2	S		WP	188.43	008.43	R		5	3000	6000	6	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (21-001503)	374304.00N/0854231.00W	1249	5E
2	200	TOWER (21-001503)	374304.00N/0854231.00W	1249	5E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
I-RLI DME COORDINATES: 381117.18N / 0854453.38W
KSDF RWY 35L DISPLACED THRESHOLD COORDINATES: 380929.40N / 0854421.37W
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V5-513					KY (US)
IAP	ILS OR LOC RWY 35L	1, 2, 3	1	KSDF	LOUISVILLE	KY (US)
IAP	ILS OR LOC RWY 35R	2, 3	1	KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35L (CAT II)	1, 2, 3	1	KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35L (CAT III)	1, 2, 3	1	KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35R (CAT II)	2, 3	1	KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35R (CAT III)	2, 3	1	KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35R (SA CAT I)	2, 3	1	KSDF	LOUISVILLE	KY (US)
IAP	RNAV (GPS) Y RWY 35L		2	KSDF	LOUISVILLE	KY (US)
IAP	RNAV (GPS) Y RWY 35R		2	KSDF	LOUISVILLE	KY (US)
IAP	RNAV (RNP) Z RWY 35L		2	KSDF	LOUISVILLE	KY (US)
IAP	RNAV (RNP) Z RWY 35R		2	KSDF	LOUISVILLE	KY (US)
STAR	DAMEN (RNAV)			KSDF	LOUISVILLE	KY (US)
STAR	DLAMP (RNAV)			KSDF	LOUISVILLE	KY (US)
STAR	FRIZN (RNAV)			KSDF	LOUISVILLE	KY (US)
STAR	MBELL (RNAV)			KSDF	LOUISVILLE	KY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 12/15/2011

REASON FOR REVISION:
CHANGED FAC 2 MAG BRG FROM 105.72 TO 105.71 AND TRUE BRG FROM 104.72 TO 104.71.
ADDED DIST TO FAC FOR FAC 1, 2, AND 3.
CHANGED FAC 1 MAG BRG FROM 168.39 TOP 169.39.
CHANGED ESV I-RLI LOC R-168 TO R-169.
DELETED FAC 4 - KSDF R35L.
DELETED REMARKS - FAC 4 USED TO ESTABLISH FIX COORDINATES AND FAC 1 & 2 USED TO DETERMINE LEAST DIVERGENCE ANGLE.
ADDED STAR TO REQUESTED CHARTING.
ADDED NOTE: PRECIPITOUS TERRAIN EVALUATION COMPLETED, TO REMARKS SECTION.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 06/08/2011 **OFFICE:** AJV-352 **NAME:** MICHAEL CURRAN

QUALITY 5

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZID
ATC FACILITY: SDF ATCT/APP CON
OTHER: SDF AIRPORT MANAGER

QUALITY
5

RADIO FIX AND HOLDING DATA RECORD

NAME: HOSTO **STATE:** KY **COUNTRY:** US

LATITUDE/LONGITUDE: 380720.11N/0854232.93W **TYPE:** WP, RADAR, 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	DIST FROM FAC FEET	MRA	MAA
1	LOUISVILLE	I-JJM	LOC/DME		168.92	164.92	4.13	4.15		1260	5000
2	LOUISVILLE	IIU	VORTAC	H	279.28	280.28		6.34		1260	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
I-JJM DME LAT/LONG: 381120.41N/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	RNAV (GPS) Y RWY 35R			KSDF	LOUISVILLE	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 12/15/2011

REASON FOR REVISION:
MOVED FIX 607.68'/0.10 NM S.
ADDED INT AND RADAR TO FIX TYPE.
ADDED FAC 2 DATA.
CHANGED FAC 1 DME DISTANCE FROM 4.03 TO 4.13 NM.
ADDED FAC 1 DIST FROM FAC DATA.
CHANGED FAC 1 MAG BRG FROM 167.92 TO 168.92 (MAG VAR CHANGE DUE TO CAT II & CAT III ILS, AND CHANGED FAC TYPE FROM LOC TO LOC/DME.
DELETED FAC 2 (RWY) DATA.
DELETED KSDF DISPLACED THRESHOLD COORDINATES REMARK.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 06/22/2011 **OFFICE:** AJV-352 **NAME:** BRIAN SHAFFER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZID
ATC FACILITY: SDF APP CON/ATCT
OTHER: SDF AIRPORT MANAGER

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: NABB VORTAC **STATE:** IN **COUNTRY:** US

LATITUDE/LONGITUDE: 383519.82N/0853809.57W **TYPE:**

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	DIST FROM FAC FEET	MRA	MAA
1	NABB	ABB	VORTAC	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	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	E	ABB	VORTAC	068.00	248.00	R	1		2600	6000	4	5
2	SW	ABB	VORTAC	217.29	037.29	L	1		2500	6000	4	5
3	N	ABB	VORTAC	019.00	199.00	R	1		2500	6000	4	5
4	W		WP	252.49	072.49	L		7	6000	14000	10	14
5	N		WP	019.00	199.00	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	383748.00N/0853815.00W	1057	4E
2	200	AAO	383748.00N/0853815.00W	1057	4E
3	200	TOWER (18-001393)	384244.00N/0854112.00W	1148	5D
4	265	TOWER (18-000780)	383353.00N/0854919.00W	1339	5D
5	200	TOWER (18-001393)	384244.00N/0854112.00W	1148	5D

REASON FOR NONSTANDARD HOLDING:
PAT 4 ATC REQUEST.
PAT 2 ATC REQUEST.

HOLDING RESTRICTIONS:
PAT 4 CHART 265K ICON
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DAWNN			KEYE	INDIANAPOLIS	IN (US)
DP	DAWNN			KHFY	INDIANAPOLIS	IN (US)
DP	DAWNN			KIND	INDIANAPOLIS	IN (US)
DP	DAWNN			KMQJ	INDIANAPOLIS	IN (US)
DP	DAWNN			KTYQ	INDIANAPOLIS	IN (US)
DP	DAWNN			KUMP	INDIANAPOLIS	IN (US)
DP	DAWNN			KGEZ	SHELBYVILLE	IN (US)
DP	BLUEGRASS			KCVG	COVINGTON	KY (US)
DP	ROCKT (RNAV)			KCVG	COVINGTON	KY (US)
EN ROUTE	V44					(US)
EN ROUTE	V47					(US)
EN ROUTE	V49					(US)
EN ROUTE	V51					(US)
IAP	RNAV (GPS) RWY 31			KBFR	BEDFORD	IN (US)
IAP	ILS OR LOC RWY 18		1	KJVY	JEFFERSONVILLE	IN (US)
IAP	NDB RWY 18		1	KJVY	JEFFERSONVILLE	IN (US)
IAP	VOR RWY 18		3	KJVY	JEFFERSONVILLE	IN (US)
IAP	VOR/DME RWY 3		2	KIMS	MADISON	IN (US)
IAP	RNAV (GPS) RWY 5			KOVO	NORTH VERNON	IN (US)
IAP	LOC/NDB RWY 5			KSER	SEYMOUR	IN (US)
IAP	NDB RWY 5			KSER	SEYMOUR	IN (US)
IAP	RNAV (GPS) RWY 23			KSER	SEYMOUR	IN (US)
IAP	RNAV (GPS) RWY 32			KSER	SEYMOUR	IN (US)
IAP	RNAV (GPS) RWY 24			KLOU	LOUISVILLE	KY (US)
IAP	VOR RWY 24			KLOU	LOUISVILLE	KY (US)
IAP	ILS OR LOC RWY 17L			KSDF	LOUISVILLE	KY (US)
IAP	ILS OR LOC RWY 17R			KSDF	LOUISVILLE	KY (US)
IAP	ILS OR LOC RWY 35R		3	KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35R (CAT II)		3	KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35R (CAT III)		3	KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35R (SA CAT I)		3	KSDF	LOUISVILLE	KY (US)
IAP	LOC RWY 29			KSDF	LOUISVILLE	KY (US)
IAP	RNAV (GPS) Y RWY 17L			KSDF	LOUISVILLE	KY (US)
IAP	RNAV (GPS) Y RWY 17R			KSDF	LOUISVILLE	KY (US)
IAP	RNAV (GPS) Y RWY 35R		5	KSDF	LOUISVILLE	KY (US)
IAP	RNAV (RNP) Z RWY 35R		5	KSDF	LOUISVILLE	KY (US)
STAR	DECEE			KEYE	INDIANAPOLIS	IN (US)
STAR	DECEE			KIND	INDIANAPOLIS	IN (US)

QUALITY 5 CHECKED

STAR	JAKIE (RNAV)		KCVG	COVINGTON	KY (US)
STAR	MOSEY		KCVG	COVINGTON	KY (US)
STAR	SARGO (RNAV)	4	KCVG	COVINGTON	KY (US)
STAR	CLEGG		KLEX	LEXINGTON	KY (US)
STAR	REDSTONE		KSDF	LOUISVILLE	KY (US)
STAR	ZABER		KBKL	CLEVELAND	OH (US)
STAR	ZABER		KCGF	CLEVELAND	OH (US)
STAR	ZABRE		KCLE	CLEVELAND	OH (US)
STAR	ZABER		K1G1	ELYRIA	OH (US)
STAR	ZABER		KLPR	LORAIN/ELYRIA	OH (US)
STAR	ZABER		K1G5	MEDINA	OH (US)
STAR	ZABER		K7G8	MIDDLEFIELD	OH (US)
STAR	ZABER		K2G1	PAINESVILLE	OH (US)
STAR	ZABER		KLNN	WILLOUGHBY	OH (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16 **DATE OF REVISION:** 12/15/2011

REASON FOR REVISION:
1. DELETED FAC 1 MRA 2300.

DEVELOPED BY: **DATE:** 07/20/2010 **OFFICE:** AVN-110 **NAME:** PETER GETZ (DAVID SAUER)

APPROVED BY: **DATE:** **OFFICE:** AVN-110 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZID
ATC FACILITY: SDF APP CON, LOU ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: PARCL **STATE:** KY **COUNTRY:** US

LATITUDE/LONGITUDE: 380416.47N/0854130.38W **TYPE:** WP, RADAR, 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	DIST FROM FAC FEET	MRA	MAA
1	LOUISVILLE	I-JJM	LOC/DME		168.92	164.92	7.30	7.32	44474	2400	5000
2	LOUISVILLE	IIU	VORTAC	H	249.41	250.41		5.75		2400	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
I-JJM DME LAT/LONG: 381120.41N/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 35R (CAT II)	1, 2		KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35R (CAT 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: 4 **DATE OF REVISION:** 12/15/2011

REASON FOR REVISION:
FIX MOVED 564.54'/0.09 NM S.
CHANGED FAC 1 DME FROM 7.21 TO 7.30.
CHANGED FAC 1 MAG BRG FROM 167.92 TO 168.92 (MAG VAR CHANGE DUE TO CAT II & CAT III ILS), AND CHANGED FAC TYPE FROM LOC TO LOC/DME.
ADDED FAC 1 & 2 DIST FROM FAC DATA.
DELETED FAC 3 (RWY) DATA.
DELETED REMARK "8260.52 RNP PFAF LOCATION" AND KSDF R35R DISPLACED THRESHOLD COORDINATES.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 06/22/2011 **OFFICE:** AJV-352 **NAME:** BRIAN SHAFFER

APPROVED BY: **DATE:** **OFFICE:** **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZID
ATC FACILITY: SDF APP CON/ATCT
OTHER: SDF AIRPORT MANAGER

QUALITY 5 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PGSUS **STATE:** KY **COUNTRY:** US

LATITUDE/LONGITUDE: 375823.03N/0853930.25W **TYPE:** WP, RADAR, 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	DIST FROM FAC FEET	MRA	MAA
1	LOUISVILLE	I-JJM	LOC/DME		168.92	164.92	13.39	13.41		4000	5000
2	LOUISVILLE	IIU	VORTAC	H	205.19	206.19		8.70		4000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-JJM	LOC/DME	BRG-169	14	4000	5000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
LOUISVILLE (FAC 1) USED TO ESTABLISH FIX COORDINATES
I-JJM DME LAT/LONG: 381120.41N/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)	1, 2		KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35R (CAT 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)
STAR	MAUDD (RNAV)			KSDF	LOUISVILLE	KY (US)
STAR	MBELL (RNAV)			KSDF	LOUISVILLE	KY (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 12/15/2011

REASON FOR REVISION:
MOVED FIX 7056.57'/1.16 NM S.
ADDED INT TO TYPE FIX.
ADDED FAC 2 DATA.
CHANGED FAC 1 MAG BRG FROM 167.92 TO 168.92 (MAG VAR CHANGE DUE TO CAT II & III ILS).
CHANGED FAC 1 DME FROM 12.23 TO 13.39 NM, ADDED DIST FROM FAC DATA, AND CHANGED FAC TYPE FROM LOC TO LOC/DME.
DELETED FAC 2 (RWY) DATA.
ADDED ESV DATA AND REMARK.
DELETED REMARKS: FIX LOCATED 30,529.82 FT FROM PFAF TO PLACE ON ILS 35R GLIDESLOPE AT 4000 AND KSDF R35R DISPLACED THRESHOLD COORDINATES: 380956.70N/0854326.34W.
ADDED STAR TO REQUIRED CHARTING.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 06/23/2011 **OFFICE:** AJV-352 **NAME:** BRIAN SHAFFER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZID
ATC FACILITY: SDF APP CON/ATCT
OTHER: SDF AIRPORT MANAGER

RADIO FIX AND HOLDING DATA RECORD

NAME: UPSCO **STATE:** KY **COUNTRY:** US

LATITUDE/LONGITUDE: 380145.69N/0854039.09W **TYPE:** WP, RADAR, 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	DIST FROM FAC FEET	MRA	MAA
1	LOUISVILLE	I-JJM	LOC/DME		168.92	164.92	9.90	9.92		3000	5000
2	LOUISVILLE	IIU	VORTAC	H	225.91	226.91		6.50		3000	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
I-JJM DME LAT/LONG: 381120.41N/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)	1, 2		KSDF	LOUISVILLE	KY (US)
IAP	ILS RWY 35R (CAT 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)
STAR	MAUDD (RNAV)			KSDF	LOUISVILLE	KY (US)
STAR	MBELL (RNAV)			KSDF	LOUISVILLE	KY (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 12/15/2011

REASON FOR REVISION:
MOVED FIX 4910.71'/0.81 NM S.
CHANGED FAC 1 MAG BRG FROM 167.92 TO 168.92 (MAG VAR CHANGE DUE TO CAT II & III ILS).
CHANGED FAC 1 DME FROM 9.09 TO 9.90 NM, ADDED DIST FROM FAC DATA, AND CHANGED FAC TYPE FROM LOC TO LOC/DME.
CHANGED FAC 2 MAG BRG/TRUE BRG FROM 232.56/233.56 TO 225.91/226.91 AND ADDED DIST FROM FAC DATA.
DELETED FAC 3 (RWY) DATA.
DELETED REMARKS: FIX LOCATED 11,448.68 FT FROM PFAF TO PLACE ON ILS 35R GLIDESLOPE AT 3000 AND KSDF R35R DISPLACED THRESHOLD COORDINATES: 380956.70N/0854326.34W.
ADDED STAR TO REQUIRED CHARTING.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 06/22/2011 **OFFICE:** AJV-352 **NAME:** BRIAN SHAFFER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZID
ATC FACILITY: SDF APP CON/ATCT
OTHER: SDF AIRPORT MANAGER

QUALITY 5 CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: MIXKO **STATE:** KY **COUNTRY:** US

LATITUDE/LONGITUDE: 375747.80N/0853219.71W **TYPE:** WP, 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	DIST FROM FAC FEET	MRA	MAA
1	LOUISVILLE	IIU	VORTAC	H	166.69	167.69	8.60	8.60		3200	17500

HOLDING: **HOLDING TYPE OF ACTION:** CANCEL

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V51	1				
IAP	RNAV(GPS) RWY 29			KSDF	LOUISVILLE	KY (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 12/15/2011

REASON FOR REVISION:
1. DELETED FAC 2 CITMO.
2. ADDED FAC 1 DIST FROM FAC IN NM.
3. DELETED PAT 1.
4. DELETED REMARK, HOLDING LIMITED TO ESTABLISHED PATTERN.

DEVELOPED BY: **DATE:** 07/20/2010 **OFFICE:** AVN-110 **NAME:** PETER GETZ (DAVID SAUER)

APPROVED BY: **DATE:** **OFFICE:** AVN-110 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZID
ATC FACILITY: SDF APP CON
OTHER:

QUALITY 5 CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **LOUISVILLE** STATE: **KY**

AIRPORT NAME: **LOUISVILLE INTL-STANDIFORD FIELD** ID: **KSDF**

PROCEDURE: **RNAV (GPS) Y RWY 35R** AMDT: **1**

DOCKET#: **NOT REQUIRED**
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **THLD** to 1000' point **4.30**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment, final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **344.94**
4. High Terrain in **FINAL** segment containing 1000' point **894**
5. Distance from **THLD** to 1500' point **5.87**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **2.13**
7. True Course of **FINAL** segment containing 1500' point **344.94**
8. High Terrain in **FINAL** segment containing 1500' point **894**
9. Threshold Coordinates (if straight-in) ... **380956.70N** / **0854326.34W**
10. ARP Coordinates ..... **381026.71N** / **0854411.40W**
11. Runway Approach End and distance furthest from ARP ..... RWY **35L**
    Distance **1.12** NM
12. FAF Coordinates ..... **380416.47N** / **0854130.38W**

REMARKS: Approach/Drawing attached.
THRESHOLD COORDINATES ARE DISPLACE THRESHOLD COORDINATES.

RADIO FIX AND HOLDING DATA RECORD

NAME: HAVEP **STATE:** KY **COUNTRY:** US

LATITUDE/LONGITUDE: 375831.50N/0853933.12W **TYPE:** WP

CANCELLED

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	DIST FROM FAC FEET	MRA	MAA
1	KSDF R35R					164.92	11.81				17500

REMARKS:
KSDF R35R DISPLACED THRESHOLD COORDINATES: 380956.70N/0854326.34W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOUISVILLE INTL-STANDIFORD FLD - RNAV (GPS) RWY 35R			KSDF	LOUISVILLE	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/25/2008

DEVELOPED BY: **DATE:** 05/09/2008 **OFFICE:** AVN-110 **NAME:** PETER GETZ (JEFF RAWDON)

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL D. ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZID
ATC FACILITY: SDF APP CON/ATCT
OTHER:

QUALITY 1 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WOGON **STATE:** KY **COUNTRY:** US

LATITUDE/LONGITUDE: 381215.89N/0854413.87W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** CANCEL

CANCELLED

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	KSDF R35R					344.92	2.40				17500

REMARKS:
KSDF R35R DISPLACED THRESHOLD COORDINATES: 380956.70N/0854326.34W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOUISVILLE INTL-STANDIFORD FLD - RNAV (GPS) RWY 35R			KSDF	LOUISVILLE	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/25/2008

DEVELOPED BY: **DATE:** 05/09/2008 **OFFICE:** AVN-110 **NAME:** PETER GETZ (JEFF RAWDON)

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL D. ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZID
ATC FACILITY: SDF APP CON/ATCT
OTHER:

QUALITY CHECKED