

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SPILR	ONE	SPILR1.SPILR	NONE		
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF RWY 17L: CLIMB ON HEADING 169.91 TO 1020, THEN DIRECT DROPA AT OR ABOVE 2500 AND AT OR BELOW 230 KIAS, THEN ON TRACK 139.32 TO CROSS LURVL AT OR ABOVE 4000, THEN ON TRACK 051.00 TO CROSS MURCA AT OR ABOVE 8000, THEN ON TRACK 346.85 TO MIDDZ, THEN ON TRACK 320.49 TO SPILR, THENCE...

TAKEOFF RWY 17R: CLIMB ON HEADING 170.40 TO INTERCEPT COURSE 185.50 TO CROSS WININ AT OR ABOVE 2500 AND AT OR BELOW 230 KIAS, THEN ON TRACK 275.11 TO CROSS REECE AT OR ABOVE 4000, THEN ON TRACK 291.05 TO ONMEE, THEN ON TRACK 345.51 TO CROSS IZREL AT OR ABOVE 8000, THEN ON TRACK 352.36 TO CROSS CANBE AT OR ABOVE 8000, THEN ON TRACK 354.20 TO SPILR, THENCE...

TAKEOFF RWY 29: CLIMB ON HEADING 296.13 TO INTERCEPT COURSE 271.03 TO GADSN, THEN ON TRACK 322.54 TO CROSS CANBE AT OR ABOVE 8000, THEN ON TRACK 354.20 TO SPILR, THENCE ...

TAKEOFF RWY 35L: CLIMB ON HEADING 350.40 TO INTERCEPT COURSE 334.66 TO RRROE, THEN ON TRACK 340.49 TO SPILR, THENCE...

TAKEOFF RWY 35R: CLIMB ON HEADING 349.91 TO 1020, THEN DIRECT BAALK, THEN ON TRACK 349.93 TO SHNIK, THEN ON TRACK 335.56 TO SPILR, THENCE...
...THEN ON TRANSITION. MAINTAIN 13000. EXPECT FILE ALTITUDE 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
BNGIN	SPILR1.BNGIN	SPILR	BNGIN	TRACK 014.35	20.00	8000	2300	

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT

PROCEDURAL DATA NOTES:

TAKEOFF MINIMUMS:

RWY 17L: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1020.

RWY 17R: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1020.

RWY 29: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1020.

RWY 35L: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1020.

RWY 35R: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1020.

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

CONTROLLING OBSTACLES:

MSA:

MSA FROM KSDF 3600



LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:
CHART TOP ALTITUDE: 13000
CHART SPEED ICON MAXIMUM SPEED 230 KIAS AT DROPA
CHART SPEED ICON MAXIMUM SPEED 230 KIAS AT WININ
DME/DME ASSESSMENT: SAT (RNP 2.0)
AIRPORT MV: SDF 5W/2020

AIRPORTS SERVED:			
AIRPORT ID	CITY		STATE
KSDF	LOUSVILLE		KY

COMMUNICATIONS:
CHART: ATIS, CLNC DEL, GND CON, TOWER, CPDLC.

FIXES AND/OR NAVAIDS:

REMARKS:
ENVIRONMENTAL REVIEW: COMPLETE
NOISE SCREENING: COMPLETE
MAX VEGETATION HEIGHT 100 FT PER FPT.
LNAV ENGAGEMENT CG REQUIRE TO ENSURE LNAV ENGAGEMENT OCCURS BEFORE TURNING PER FPT.
MSA CONTROLLING OBSTACLE: 2548' TOWER (21-001039) 382723.00N/0852528.00W AC 5D
APPROVAL LETTER: RWY 17L TO MURCA CLIMB GRADIENT GREATER THAN 500 FT/NM.
MEA ALTITUDE DERIVED FROM DME/DME/IRU SOLUTIONS WITH AVAILABLE ESV'S WITHOUT CRITICAL DME'S.

FLIGHT INSPECTED BY	SIGNATURE	OFFICE	DATE	
JEFFREY ECKMAN	<div>Digitally signed by ALLAN WILL May 06, 2024</div>	FPO	04/25/2025	
DEVELOPED BY	SIGNATURE	OFFICE	DATE	
WILLIAM D.MELTON	<div>Digitally signed by WILLIAM D MELTON May 01, 2024</div>	AJV-A423	03/04/2024	
APPROVED BY	SIGNATURE	OFFICE	DATE	TITLE
ALLAN WILL	<div>Digitally signed by ALLAN WILL May 06, 2024</div>	AJV-A423		MANAGER
REQUIRED EFFECTIVE DATE				
ROUTINE				

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER:ZID, LOUISVILLE APCH CON, SDF ATCT, AMGR, CPDLC.

CHANGES - REASONS:
ORIGINAL.

03/25/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/04/24.
1. CHANGED TRANSITION CODE SPILR1.GNGIN TO SPILR1.BNGIN - CORRECT TYPOGRAPHICAL ERROR



04/11/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/04/24.

1. MEA RAISED FROM 2700 TO 8000 FT.
2. REMARK ADED "MEA ALTITUDE DERIVED FROM DME/DME/IRU SOLUTIONS WITH AVAILABLE ESV'S WITHOUT CRITICAL DME'S".

05/01/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/04/24.

1. DELETED DO NOT CHART MOCA FROM REMARKS - CORRECT ADMINSTRATIVE ERROR.



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SPILR		ONE		SPILR1.SPILR		NONE			
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
RW17L (AER)*	381111.14N/0854351.76W*	N	-	-	-	-			*DISPL THLD (328 FT)
1020 MSL	-	-	-	VA	164.91	-	AT/ABOVE 1020		CG 500 FT/NM TO 1020
DROPA	380502.41N/0854145.98W	Y	FB	DF	-	-	AT/ABOVE 2500	AT/BELOW 230K	
LURVL	380114.74N/0853651.40W	Y	FB	TF	134.32	5.42	AT/ABOVE 4000		
MURCA	380644.25N/0852939.24W	Y	FB	TF	046.00	7.90	AT/ABOVE 8000		
MIDDZ	382257.67N/0853624.65W	Y	FB	TF	341.85	17.06			
SPILR	384627.48N/0860559.40W	Y	FB	TF	315.497	33.00			
RW17R (AER)*	381105.06N/0854452.93W*	N	-	-	-	-			*DISL THLD (846 FT)
-	380813.43N/0854356.32W	-	-	VI	165.40	2.95			CG 500 FT NM TO 1020
WININ	380326.40N/0854359.49W	Y	FB	CF	180.50	4.78	AT/ABOVE 2500	AT/BELOW 230K	
REECE	380326.76N/0854941.56W	Y	FB	TF	270.11	4.50	AT/ABOVE 4000		
ONMEE	381003.48N/0855414.55W	Y	FB	TF	286.05	3.74			
IZREL	381003.48N/0855644.62W	Y	FB	TF	340.51	5.91	AT/ABOVE 8000		
CANBE	381913.92N/0855921.27W	Y	FB	TF	347.36	9.39	AT/ABOVE 8000		
SPILR	384627.48N/0860559.40W	Y	FB	TF	349.20	27.69			
RWY29 (AER)	381023.00N/0854325.76W	N	-	-	-	-			
-	381114.14N/0854613.59W	-	-	VI	291.13	2.36			CG 500 FT NM TO 1020
GADSN	381102.35N/0854949.85W	Y	FB	CF	266.03	2.85			
CANBE	391913.92N/0855921.27W	Y	FB	TF	317.54	11.10	AT/ABOVE 8000		
SPILR	384627.48N/0860559.40W	Y	FB	TF	349.20	27.69			

QUALITY
20
CHECKED

DP NAME					NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
SPILR					ONE	SPILR1.SPILR	NONE		
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW35L (AER)*	380929.40N/0854421.37W*	N	-	-	-	-			*DISPL THLD (1040 FT)
-	381215.21N/0854516.09W	-	-	VI	345.40	2.85			CG 500 FT NM TO 1020
RRROE	381713.34N/0854857.18W	Y	FB	CF	329.66	5.75			
SPILR	384627.48N/0860559.40W	Y	FB	TF	335.49	32.12			
RW35R (AER)*	380956.69N/0854326.33W*	N	-	-	-	-			*DISPL THLD (449 FT)
1020 MSL	-	-	-	VA	344.91	-	AT/ABOVE 1020		CG 500 FT NM TO 1020
BAALK	381531.67N/0854520.85W	Y	FB	DF	-	-			
SHNIK	381956.23N/0854651.29W	Y	FB	TF	344.93	4.56			
SPILR	384627.48N/0860559.40W	Y	FB	TF	330.56	30.45			
SPILR	384627.48N/0860559.40W	Y	-	IF	-	-			SPILR1.BNGIN
BNGIN	390612.58N/0860148.88W	Y	FB	TF	009.35	20.00			

