

**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SUPERSEDED NUMBER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>
LOKRD	ONE	LOKRD1.LOKRD	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 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 LURVL, THEN ON TRACK 159.00 TO LOKRD, THENCE ...

TAKEOFF RWY 17R: CLIMB ON HEADING 170.40 TO INTERCEPT COURSE 185.50 TO EAZIE, THEN ON TRACK 156.79 TO WWODY, THEN ON TRACK 149.77 TO LOKRD, THENCE ...

TAKEOFF RWY 29: CLIMB ON HEADING 296.13 TO INTERCEPT COURSE 271.03 TO GADSN, THEN ON TRACK 269.79 TO CROSS LUUKE AT OR ABOVE 4000, THEN ON TRACK 186.72 TO PEANT, THEN ON TRACK 111.88 TO MDJAE, THEN ON TRACK 152.72 TO CROSS HLLYY AT OR ABOVE 8000, THEN ON TRACK 152.76 TO LOKRD, THENCE ...

TAKEOFF RWY 35L: CLIMB ON HEADING 350.40 TO INTERCEPT COURSE 334.51 TO RRROE, THEN ON TRACK 271.40 TO CROSS BUHBA AT OR ABOVE 4000, THEN ON TRACK 221.40 TO CROSS ERLWN AT OR ABOVE 8000, THEN ON TRACK 166.09 TO PEANT, THEN ON TRACK 111.88 TO MDJAE, THEN ON TRACK 152.72 TO CROSS HLLYY AT OR ABOVE 8000, THEN ON TRACK 152.76 TO LOKRD, THENCE ...

TAKEOFF RWY 35R: CLIMB ON HEADING 349.91 TO 1020, THEN DIRECT BAALK, THEN ON TRACK 061.97 TO SIXMI, THEN ON TRACK 145.63 TO CROSS KOBEBZ AT OR ABOVE 8000 AND AT OR BELOW 250 KIAS, THEN ON TRACK 146.52 TO NNALA, THEN ON TRACK 172.57 TO LOKRD, THENCE ..

...THEN ON TRANSITION. MAINTAIN 13000. EXPECT FILED 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>
BILET	LOKRD1.BILET	LOKRD	CNTRY	TRACK 177.18	41.57	10000	2900	
		CNTRY	BILET	TRACK 175.83	34.26	10000	4300	

**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 250 KIAS AT KOBEZ  
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 REQUIRED 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 35L TO ERLWN CLIMB GRADIENT GREATER THAN 500 FT/NM.  
MEA'S ALTITUDES DERIVED FROM DME/DME/IRU SOLUTIONS WITH AVAILABLE ESV'S WITHOUT CRITICAL DME'S.

FLIGHT INSPECTED BY	SIGNATURE	OFFICE	DATE	
JEFFREY ECKMAN	<i>Digitally signed by</i> <b>ALLAN WILL</b> May 06, 2024	FPO	04/26/2024	
DEVELOPED BY	SIGNATURE	OFFICE	DATE	
WILLIAM D.MELTON	<i>Digitally signed by</i> <b>WILLIAM D MELTON</b> May 03, 2024	AJV-A423	03/04/2024	
APPROVED BY	SIGNATURE	OFFICE	DATE	TITLE
ALLAN WILL	<i>Digitally signed by</i> <b>ALLAN WILL</b> May 06, 2024	AJV-A423		MANAGER
REQUIRED EFFECTIVE DATE				
ROUTINE				

COORDINATED WITH:

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

CHANGES - REASONS:  
ORIGINAL



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

1. MEA'S RAISED FROM 2900/4300 TO 10000 FT FOR BOTH SEGMENTS DUE TO DME PRO RUN RESULTS.
2. REMARK "MEA'S ALTITUDES DERIVED FROM DME/DME/IRU SOLUTIONS WITH AVAILABLE ESV'S WITHOUT CRITICAL DME'S" ADDED TO JUSTIFY WHERE THE MEA'S ARE DERIVED FROM.

1. DELETED DO NOT CHART MOCA FROM REMARKS - CORRECT ADMINISTRATIVE ERROR.
2. DP ROUTE DESCRIPTION: RWY 35L: ADDED "THEN ON TRACK 152.72 TO CROSS HLLYY AT OR ABOVE 8000" AND CHANGED TRACK TO LOKRD FROM 152.72 TO 152.76 - PER FLIGHT CHECK RECOMMENDATION AND ATC/FPT APPROVAL.
3. 8260-15C: RW35L: ADDED SEGMENT FROM MDJAE-HLLYY-LOKRD AND CHANGED LOKRD TC AND DIST FROM 147.72/32.83 TO 147.76/27.3 - PER FLIGHT CHECK RECOMENDATION AND ATC/FPT APPROVAL.



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

DP NAME					NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
LOKRD					ONE	LOKRD1.LOKRD	NONE		
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW17L (AER)*	381111.14N/0854351.76W*	N	-	-	-	-			*DISL 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			
LOKRD	373338.00N/0851957.00W	Y	FB	TF	154.00	30.66			
RW17R (AER)*	381105.06N/0854452.93W*	N	-	-	-	-			*DISL THLD (846 FT)
-	380814.13N/0854356.55W	-	-	VI	165.40	2.94			CG 500 FT/NM TO 1020
EAZIE	380142.65N/0854357.40W	Y	FB	CF	180.50	6.52			
WWODY	375748.97N/0854122.55W	Y	FB	TF	151.79	4.41			
LOKRD	373338.00N/0851957.00W	Y	FB	TF	144.77	29.53			
RW29 (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			
LUUKE	381044.12N/0855402.21W	Y	FB	TF	264.79	3.33	AT/ABOVE 4000		
PEANT	380424.82N/0855402.21W	Y	FB	TF	181.72	6.32			
MDJAE	380127.34N/0854159.79W	Y	FB	TF	106.88	10.14			
HLLYY	375647.96N/0853817.01W	Y	FB	TF	147.72	5.50	AT/ABOVE 8000		
LOKRD	373338.00N/0851957.00W	Y	FB	TF	147.76	27.33			

QUALITY  
20  
CHECKED

QUALITY  
20  
CHECKED

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
RW35L (AER)*	380929.40N/0854421.37W*	N - - -			*DISPL THLD (1040 FT)
-	381218.41N/0854517.15W	- - VI	345.40 2.91		CG 500 FT/NM TO 1020
RRROE	381713.34N/0854857.18W	Y FB CF	329.51 5.70		
BUHBA	381658.49N/0855354.67W	Y FB TF	266.40 3.91	AT/ABOVE 4000	
ERLWN	381243.63N/0855752.73W	Y FB TF	216.40 5.27	AT/ABOVE 8000	
PEANT	380424.82N/0855416.62W	Y FB TF	161.09 8.78		
MDJAE	380127.34N/0854159.79W	Y FB TF	106.88 10.14		
HLLYY	375647.96N/0853817.01W	Y FB TF	147.72 5.50	AT/ABOVE 8000	
LOKRD	373338.00N/0851957.00W	Y FB TF	147.76 27.33		
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	- -		
SIXMI	381834.12N/0853924.41W	Y FB TF	056.97 5.58		
KOBEZ	381418.00N/0852946.66W	Y FB TF	140.63 5.51	AT/ABOVE 8000	AT/BELOW 250K
NNALA	380908.58N/0852946.66W	Y FB TF	141.52 6.58		
LOKRD	373338.00N/0851957.00W	Y FB TF	167.57 36.31		
LOKRD	373338.00N/0851957.00W	Y - IF	- -		LOKRD1.BILET
CNTRY	365223.96N/0851254.20W	Y FB TF	172.18 41.57		
BILET	361831.65N/0850608.75W	Y FB TF	170.83 34.26		

