

**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SUPERSEDED NUMBER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>
LLIZY	ONE	LLIZY1.LLIZY	NONE		11 JUL 2024

<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 AT OR BELOW 230 KIAS, THEN ON TRACK 259.92 TO CROSS DUNNZ AT OR ABOVE 4000, THEN ON TRACK 281.38 TO ONMEE, THEN ON TRACK 270.38 TO CROSS MSTR A AT OR ABOVE 10000, THEN ON TRACK 288.65 TO LLIZY, THENCE ...

TAKEOFF RWY 17R: CLIMB ON HEADING 170.40 TO INTERCEPT COURSE 185.44 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 270.38 TO CROSS MSTR A AT OR ABOVE 10000, THEN ON TRACK 288.65 TO LLIZY, THENCE ...

TAKEOFF RWY 29: CLIMB ON HEADING 296.13 TO INTERCEPT COURSE 271.73 TO GADSN, THEN ON TRACK 269.79 TO LUUKE, THEN ON TRACK 272.18 TO LLIZY, THENCE ...

TAKEOFF RWY 35L: CLIMB ON HEADING 350.40 TO INTERCEPT COURSE 334.66 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 267.50 TO LLIZY, THENCE ...

TAKEOFF RWY 35R: CLIMB ON HEADING 349.91 TO 1020, THEN DIRECT BAALK, THEN ON TRACK 325.00 TO CROSS SLATY AT OR ABOVE 2500 AND AT OR BELOW 230 KIAS, THEN ON TRACK 267.75 TO CROSS BUHBA AT OR ABOVE 4000, THEN ON TRACK 221.40 TO CROSS ERLWN AT OR ABOVE 8000, THEN ON TRACK 267.50 TO LLIZY, 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>
DAAVE	LLIZY1. DAAVE	LLIZY	GUMMI	270.92	10.97	4000	2200	
		GUMMI	DAAVE	284.34	110.08	10000	2100	

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 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



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LLIZY	ONE	LLIZY1.LLIZY	NONE		11 JUL 2024

RWY 17L: 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, SLATY, WININ
DME/DME ASSESSMENT: SAT (RNP 2.0)
AIRPORT MV: SDF 5W/2020

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KSDF	LOUISVILLE	KY

COMMUNICATIONS:

CHART ATIS, CLNC DEL, GND CON, TOWER, CPDLC

FIXES AND/OR NAVAIDS:**REMARKS:**

ENVIRONMENTAL REVIEW: COMPLETE.

NOISE SCREENING: COMPLETE.

100FT TREE HEIGHT USED PER FPT.

LNAV ENGAGEMENT CLIMB GRADIENTS ESTABLISHED FOR NOISE ABATEMENT AND TRAFFIC PATTERN OPERATIONS.

MSA ALTITUDE 3600FT DERIVED FROM OBSTACLE " 2548 FT MSL, TOWER (21-001039) 382723.00N/0852528.00W".

MEAS FROM LLIZY TO DAAVE BASED ON DME/DME/IRU SOLUTIONS WITH AVAILABLE ESV'S WITHOUT CRITICAL DME'S.

APPROVAL LETTERS FOR CLIMB GRADIENTS BETWEEN MINIMUM ALTITUDE RESTRICTIONS THAT EXCEED 500 FT/NM IAW 8260.46J 2-1-1 E(2)(B)2 FOR RUNWAY 35R FROM REECE TO MSTR, 35L/35R FROM BUBHA TO ERLWN.



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LLIZY	ONE	LLIZY1.LLIZY	NONE		11 JUL 2024
<u>FLIGHT INSPECTED BY</u>	<u>SIGNATURE</u>		<u>OFFICE</u>	<u>DATE</u>	
ECKMAN, JEFFREY ALAN	<i>Digitally signed by</i> ALLAN WILL May 14, 2024		FPO	04/30/2024	
<u>DEVELOPED BY</u>	<u>SIGNATURE</u>	<i>Digitally signed by</i> TODD V DAMRON May 13, 2024	<u>OFFICE</u>	<u>DATE</u>	
TODD DAMRON			AJV A423		
<u>APPROVED BY</u>	<u>SIGNATURE</u>		<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
MICHAEL GARRITY	<i>Digitally signed by</i> ALLAN WILL May 14, 2024		AJV-A423		MANAGER
<u>REQUIRED EFFECTIVE DATE</u>					
ROUTINE					

COORDINATED WITH:

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

CHANGES - REASONS:

NEW RSID.

05/07/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/25/24.

1. 8260.16B: ENROUTE TRANSITION MOCA FROM GUMMI TO DAAVE RAISED FROM 2000 TO 2100.
2. ENROUTE TRANSITION: SEGMENT LLIZY TO GUMMI MEA LOWERED FROM 10000 TO 4000.
3. REMARKS: DELETE REMARK/NOTE "DO NOT CHART MOCA" FROM LLIZY TO GUMMI".



NFDD NO. 097			05/17/2024			55						
FEDERAL AVIATION ADMINISTRATION FLIGHT STANDARDS SERVICE DEPARTURE (DATA RECORD)												
DP NAME			NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED	ACTUAL EFFECTIVE DATE		
LLIZY			ONE		LLIZY1.LLIZY		NONE			11 JUL 2024		
FIX/NAVAID			LAT/LONG		C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW17L (AER)*			381111.14N/0854351.76W*		N	-	-	-	-			*DISPL THLD (328 FT)
1020 MSL			-		-	-	VA	164.91	-	AT/ABOVE 1020		CG 500 FT PER NM TO 1020
DROPA			380502.41N/0854145.98W		Y	FB	DF	-	-	AT/ABOVE 2500	AT/BELOW 230K	
DUNNZ			380351.98N/0854716.04W		Y	FB	TF	254.92	4.50	AT/ABOVE 4000		RIGHT TURN
ONMEE			380428.77N/0855414.55W		Y	FB	TF	276.38	5.54			
MSTRA			380354.00N/0860313.00W		Y	FB	TF	265.38	7.11	AT/ABOVE 10000		
LLIZY			380911.63N/0863106.27W		Y	FB	TF	283.65	22.64			
RW17R (AER)*			381105.06N/0854452.93W*		N	-	-	-	-			*DISPL THLD (846 FT)
			380814.51N/0854356.67W		-	-	VI	165.40	2.93			CG 500 FT PER NM TO 1020
WININ			380326.40N/0854359.49W		Y	FB	CF	180.44	4.80	AT/ABOVE 2500	AT/BELOW 230K	
REECE			380326.76N/0854941.56W		Y	FB	TF	270.11	4.50	AT/ABOVE 4000		
ONMEE			380428.77N/0855414.55W		Y	FB	TF	286.05	3.74			
MSTRA			380354.00N/0860313.00W		Y	FB	TF	265.38	7.11	AT/ABOVE 10000		
LLIZY			380911.63N/0863106.27W		Y	FB	TF	283.65	22.64			
RW29 (AER)			381023.00N/0854325.76W		N	-	-	-	-			
			381112.33N/0854607.63W		-	-	VI	291.13	2.28			CG 500 FT PER NM TO 1020
GADSN			381102.35N/0854949.85W		Y	FB	CF	266.73	2.92			
LUUKE			381044.12N/0855402.21W		Y	FB	TF	264.79	3.33			
LLIZY			380911.63N/0863106.27W		Y	FB	TF	267.18	29.27			
FAA Form 8260-15C (03/23) Supersedes Previous Edition												
Electronic Version												
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NFDD NO. 097				05/17/2024				56	
<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
LLIZY		ONE		LLIZY1.LLIZY		NONE			11 JUL 2024
<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>
RW35L (AER)*	380929.40N/0854421.37W*	N	-	-	-	-			*DISPL THLD (1040 FT)
	381215.30N/0854516.12W	-	-	VI	345.40	2.85			CG 500FT PER NM TO 1020
RRROE	381713.34N/0854857.18W	Y	FB	CF	329.66	5.75			
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		
LLIZY	380911.63N/0863106.27W	Y	FB	TF	262.50	26.43			
RW35R (AER)*	380956.69N/0854326.33W*	N							*DISPL THLD (449 FT)
1020 MSL	-	-	-	VA	344.91	-	AT/ABOVE 1020		CG 500 FT PER NM TO 1020
BAALK	381531.67N/0854520.85W	Y	FB	DF	-	-			
SLATY	381736.80N/0854734.10W	Y	FB	TF	320.00	2.72	AT/ABOVE 2500	AT/BELOW 230K	
BUHBA	381658.49N/0855354.67W	Y	FB	TF	262.75	5.03	AT/ABOVE 4000		
ERLWN	381243.63N/0855752.73W	Y	FB	TF	216.40	5.27	AT/ABOVE 8000		
LLIZY	380911.63N/0863106.27W	Y	FB	TF	262.50	26.43			
LLIZY	380911.63N/0863106.27W	Y	-	IF	-	-			LLIZY1.DAAVE
GUMMI	380823.95N/0864458.46W	Y	FB	TF	265.92	10.97			
DAAVE	382456.27N/0890311.20W	Y	FB	TF	279.34	110.08			

