

**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SUPERSEDED NUMBER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>
CAVVS	SIX	CAVVS6.CAVVS	FIVE	11/27/2025	
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
☐	☐	☒	☐	☒	

DP ROUTE DESCRIPTION:

CLE:

TAKEOFF RWY 6L: CLIMB ON HEADING 057.94 TO INTERCEPT COURSE 101.51 TO NANTZ, THEN ON TRACK 143.03 TO CROSS CAHRR AT OR BELOW 6000, THEN ON TRACK 232.01 TO CROSS BIIGZ AT OR ABOVE 10000, THEN ON TRACK 231.36 TO CROSS LBRON AT OR ABOVE 10000, THENCE...

TAKEOFF RWY 6R: CLIMB ON HEADING 057.94 TO INTERCEPT COURSE 101.27 TO NANTZ, THEN ON TRACK 143.03 TO CROSS CAHRR AT OR BELOW 6000, THEN ON TRACK 232.01 TO CROSS BIIGZ AT OR ABOVE 10000, THEN ON TRACK 231.36 TO CROSS LBRON AT OR ABOVE 10000, THENCE...

TAKEOFF RWY 10: CLIMB ON HEADING 101.31 TO 3000, THEN AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LBRON AT OR ABOVE 10000, THENCE...

TAKEOFF RWY 24L: CLIMB ON HEADING 237.96 TO INTERCEPT COURSE 205.96 TO CROSS KYRIE AT OR BELOW 6000, THEN ON TRACK 209.89 TO CROSS LBRON AT OR ABOVE 10000, THENCE...

TAKEOFF RWY 24R: CLIMB ON HEADING 237.95 TO INTERCEPT COURSE 205.02 TO CROSS KYRIE AT OR BELOW 6000, THEN ON TRACK 209.89 TO CROSS LBRON AT OR ABOVE 10000, THENCE...

TAKEOFF RWY 28: CLIMB ON HEADING 281.32 TO 2200, THEN AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LBRON AT OR ABOVE 10000, THENCE...

...ON TRACK 213.13 TO CAVVS, THEN ON (TRANSITION). MAINTAIN 14000, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE.

CGF:

TAKEOFF RWY 6: CLIMB ON HEADING 057.48 TO 1900, THEN RIGHT TURN HEADING 180.00 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LBRON AT OR ABOVE 10000, THENCE...

TAKEOFF RWY 24: CLIMB ON HEADING 237.49 TO 1900, THEN ON HEADING 180.00 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LBRON AT OR ABOVE 10000, THENCE...

LPR:

TAKEOFF RWY 7: CLIMB ON HEADING 073.01 TO 1300, THEN ON HEADING 360.00 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LBRON AT OR ABOVE 10000, THENCE...

TAKEOFF RWY 25: CLIMB ON HEADING 253.02 TO 1300, THEN RIGHT TURN HEADING 360.00 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LBRON AT OR ABOVE 10000, THENCE...

LNN:

TAKEOFF RWY 5: CLIMB ON HEADING 052.59 TO 1140, THEN RIGHT TURN HEADING 180.00 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LBRON AT OR ABOVE 10000, THENCE...

TAKEOFF RWY 10: CLIMB ON HEADING 098.51 TO 1140, THEN ON HEADING 180.00 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LBRON AT OR ABOVE 10000, THENCE...

TAKEOFF RWY 23: CLIMB ON HEADING 232.60 TO 1140, THEN ON HEADING 180.00 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LBRON AT OR ABOVE 10000, THENCE...

TAKEOFF RWY 28: CLIMB ON HEADING 278.52 TO 1140, THEN LEFT TURN HEADING 180.00 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LBRON AT OR ABOVE 10000, THENCE...

...ON TRACK 213.13 TO CAVVS, THEN ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE TEN 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>
APPLETON	CAVVS6.APE	CAVVS	APE VORTAC	TRACK 213.03	31.50	14000	2800	

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.

PROCEDURAL DATA NOTES:



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
CAVVS	SIX	CAVVS6.CAVVS	FIVE	11/27/2025	

TAKEOFF MINIMUMS:

CLE:
RWY 6L, 24R, 24L, 28: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1300.
RWY 6R: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1400.
RWY 10: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1600.

CGF:
RWY 6, 24: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1400.

LPR:
RWY 7, 25: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1300.

LNN:
RWY 5, 10, 23, 28: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1140.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

CLE:
RWY 6R: 1998 FT MSL TOWER 412245.00N/0814311.00W; RWY 10: 2048 FT MSL TOWER 412254.00N/0814157.00W

MSA:
ALL AIRPORTS: 3100

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CLE - CHART: TOP ALTITUDE: 14000.
CFG, LPR, LNN - CHART: TOP ALTITUDE: ASSIGNED BY ATC.
AIRPORT MV: CLE (P) 8W/2020, CGF 8W/1995, LPR 8W/2015, LNN W8/1995.
CHART: MINIMUM CROSSING ALTITUDE AT LBRON - 10000.
DME/DME/IRU ASSESSMENT: SAT (RNP 2.0)

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
CLE	CLEVELAND	OH
CGF	CLEVELAND	OH
LPR	LORAIN/ELYRIA	OH
LNN	WILLOUGHBY	OH

COMMUNICATIONS:

CLE: CHART: ATIS, CLNC DEL, CPDLC, GND CON, CLE ATCT.
CGF: CHART: ATIS, CLNC DEL, GND CON, CGF ATCT.
LPR : CHART: ASOS, CLNC DEL, CTAF.
LNN: CHART: ATIS, AWOS, CTAF.

FIXES AND/OR NAVAIDS:



REMARKS:
ABBREVIATED AMENDMENT.
CLE, CGF, LPR, LNN: ORDER 8260.3G, LEGACY ICA USED FOR DESIGN AND EVALUATION.
100 FT VEGETATION HEIGHT USED PER FPT CHECKLIST.

FLIGHT INSPECTED BY	SIGNATURE	OFFICE	DATE	
PROCESSED IAW TECHNICAL SUPPORT GROUP	Digitally signed by			
(AJF-17) MEMO DATED 07/07/2021, SUBJECT:	APRIL T SARMENTO			
GUIDANCE FOR PROCEDURAL CHANGES	Jun 23, 2026			
REQUIRING FLIGHT INSPECTION/VALIDATION.	SIGNATURE	OFFICE	DATE	
	Digitally signed by			
DEVELOPED BY	APRIL T SARMENTO	AJV-A432	05/01/2026	
JACOB CLARK	Jun 23, 2026			
	SIGNATURE	OFFICE	DATE	TITLE
APPROVED BY	Digitally signed by			
APRIL SARMENTO	APRIL T SARMENTO	AJV-A432		MANAGER
	Jun 23, 2026			
REQUIRED EFFECTIVE DATE				
ROUTINE				

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER:ZOB, CLE APP CON, CLE ATCT, CGF ATCT, CFPT, AMGR.

CHANGES - REASONS:
1. REMOVED ALL DATA ENTRIES REFERENCING BKL AIRPORT - BKL REMOVED FROM AIRPORTS SERVED.
2. ADDED REMARK: "CLE, CGF, LPR, LNN: ORDER 8260.3G, LEGACY ICA USED FOR DESIGN AND EVALUATION." - IAW 8260.46K 2-1-1.I.
3. CHANGED ALL "FOUR" LETTER AIRPORT IDS TO "THREE" LETTER IDS - IAW 8260.46K.
4. REMOVED REMARK: "THE ENVIRONMENTAL REVIEW UNDER ORDER 1050.1F AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED. CATEGORICAL EXCLUSION ISSUED." - NO LONGER NEEDED FOR THIS AMENDMENT.



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

DP NAME		NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		ACTUAL EFFECTIVE DATE	
CAVVS		SIX		CAVVS6.CAVVS		FIVE		11/27/2025			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
CLEVELAND-HOPKINS INTL (CLE)											
RW06L (AER)	412359.53N/0815224.55W	N	-	-	-	-					
	412536.89N/0814950.69W	-	-	VI	049.94	1.04			CG 500 FT/NM TO 1300		
NANTZ	412521.14N/0814406.56W	Y	FB	CF	093.51	4.32					
CAHRR	412008.43N/0813712.43W	Y	FB	TF	135.03	7.36	AT/BELOW 6000				
BIIGZ	411157.81N/0814739.45W	Y	FB	TF	224.01	11.35	AT/ABOVE 10000				
LBRON	405724.62N/0820545.34W	Y	FB	TF	223.36	19.97	AT/ABOVE 10000				
RW06R (AER)*	412404.10N/0815152.03W*	N	-	-	-	-			*DISPL THLD (1926 FEET)		
	412535.74N/0814927.17W	-	-	VI	049.94	1.05			CG 500 FT/NM TO 1400		
NANTZ	412521.14N/0814406.56W	Y	FB	CF	093.27	4.04					
CAHRR	412008.43N/0813712.43W	Y	FB	TF	135.03	7.36	AT/BELOW 6000				
BIIGS	411157.81N/0814739.45W	Y	FB	TF	224.01	11.35	AT/ABOVE 10000				
LBRON	405724.62N/0820545.34W	Y	FB	TF	223.36	19.97	AT/ABOVE 10000				
RW10 (AER)	412501.26N/0815115.28W	N	-	-	-	-					
3000 MSL	-	-	-	VA	093.31	-	AT/ABOVE 3000		CG 500 FT/NM TO 1600		
	-	-	-	VM	093.31	-					
RW24L (AER)	412455.14N/0815031.37W	N	-	-	-	-					
	412311.33N/0815315.36W	-	-	VI	229.96	1.06			CG 500 FT/NM TO 1300		
KYRIE	411130.78N/0815816.93W	Y	FB	CF	197.96	12.27	AT/BELOW 6000				

QUALITY 23

QUALITY
23
CHECKED

<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
CAVVS		SIX		CAVVS6.CAVVS		FIVE		11/27/2025	
<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>
LBRON	405724.62N/0820545.34W	Y	FB	TF	201.89	15.19	AT/ABOVE 10000		
RW24R (AER)	412456.75N/0815054.15W	N	-	-	-	-			
	412318.61N/0815329.17W	-	-	VI	229.95	1.05			CG 500 FT/NM TO 1300
KYRIE	411130.78N/0815816.93W	Y	FB	CF	197.02	12.33	AT/BELOW 6000		
LBRON	405724.62N/0820545.34W	Y	FB	TF	201.89	15.19	AT/ABOVE 10000		
RW28 (AER)	412457.82N/0814956.44W	N	-	-	-	-			
2200 MSL	-	-	-	VA	273.32	-			CG 500 FT/NM TO 1300
	-	-	-	VM	273.32	-			
CUYAHOGA COUNTY (CGF)									
RW06 (AER)	413336.83N/0812938.32W*	N	-	-	-	-			*DISPL THLD (318 FEET)
1900 MSL	-	-	-	VA	049.48	-	AT/ABOVE 1900		CG 500 FT/NM TO 1400
	-	-	-	VM	172.00	-			RIGHT TURN
RW24 (AER)	413406.89N/0812851.49W*	N	-	-	-	-			*DISPL THLD (500 FEET)
1900 MSL	-	-	-	VA	229.49	-	AT/ABOVE 1900		CG 500 FT/NM TO 1400
	-	-	-	VM	172.00	-			
LORAIN COUNTY RNGL (LPR)									
RW07 (AER)	412028.96N/0821109.17W	N	-	-	-	-			
1300 MSL	-	-	-	VA	065.01	-	AT/ABOVE 1300		CG 500 FT/NM TO 1300
	-	-	-	VM	352.00	-			

QUALITY
23
CHECKED

QUALITY
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<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
CAVVS		SIX		CAVVS6.CAVVS		FIVE		11/27/2025	
<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>
LBRON	405724.62N/0820545.34W	Y	-	IF	-	-	AT/ABOVE 10000		
CAVVS	403738.64N/0821755.19W	Y	FB	TF	205.13	21.81			
CAVVS	403738.64N/0821755.19W	Y	-	IF	-	-			CAVVS6.APE
APE VORTAC	400903.83N/0823517.88W	Y	FB	TF	205.03	31.50			

