

**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SUPERSEDED NUMBER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>
ZAAPA	SEVEN	ZAAPA7.ZAAPA	SIX	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 008.85 TO CROSS EDMNN AT OR ABOVE 2000 AND AT OR BELOW 240 KIAS, THEN ON TRACK 317.86 TO FTTZZ, THEN ON TRACK 249.63 TO CROSS DINAA AT OR ABOVE 8000, THEN ON TRACK 234.61 TO CROSS MOHUM AT OR ABOVE 9000, THENCE...

TAKEOFF RWY 6R: CLIMB ON HEADING 057.94 TO INTERCEPT COURSE 004.84 TO CROSS EDMNN AT OR ABOVE 2000 AND AT OR BELOW 240 KIAS, THEN ON TRACK 317.86 TO FTTZZ, THEN ON TRACK 249.63 TO CROSS DINAA AT OR ABOVE 8000, THEN ON TRACK 234.61 TO CROSS MOHUM AT OR ABOVE 9000, THENCE...

TAKEOFF RWY 10: CLIMB ON HEADING 101.31 TO 3000, THEN AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS MOHUM AT OR ABOVE 9000, THENCE...

TAKEOFF RWY 24L: CLIMB ON HEADING 237.96 TO INTERCEPT COURSE 254.86 TO CROSS DWEZL AT OR BELOW 6000, THEN ON TRACK 249.67 TO CROSS MOHUM AT OR ABOVE 9000, THENCE...

TAKEOFF RWY 24R: CLIMB ON HEADING 237.95 TO INTERCEPT COURSE 254.23 TO CROSS DWEZL AT OR BELOW 6000, THEN ON TRACK 249.67 TO CROSS MOHUM AT OR ABOVE 9000, THENCE...

TAKEOFF RWY 28: CLIMB ON HEADING 281.32 TO 2200, THEN AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS MOHUM AT OR ABOVE 9000, THENCE...

...ON TRACK 258.98 TO CROSS ZAAPA AT OR BELOW 14000, THEN ON (TRANSITION). MAINTAIN 14000, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE.

CGF:

TAKEOFF RWY 6: CLIMB ON HEADING 057.48 TO 1900, THEN ON HEADING 330.00 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS MOHUM AT OR ABOVE 9000, THENCE...

TAKEOFF RWY 24: CLIMB ON HEADING 237.49 TO 1900, THEN RIGHT TURN HEADING 330.00 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS MOHUM AT OR ABOVE 9000, 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 MOHUM AT OR ABOVE 9000, 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 MOHUM AT OR ABOVE 9000, THENCE...

LNN:

TAKEOFF RWY 5: CLIMB ON HEADING 052.59 TO 1140, THEN LEFT TURN HEADING 280.00 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS MOHUM AT OR ABOVE 9000, THENCE...

TAKEOFF RWY 10: CLIMB ON HEADING 098.51 TO 1140, THEN LEFT TURN HEADING 280.00 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS MOHUM AT OR ABOVE 9000, THENCE...

TAKEOFF RWY 23: CLIMB ON HEADING 232.60 TO 1140, THEN ON HEADING 280.00 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS MOHUM AT OR ABOVE 9000, THENCE...

TAKEOFF RWY 28: CLIMB ON HEADING 278.52 TO 1140, THEN ON HEADING 280.00 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS MOHUM AT OR ABOVE 9000, THENCE...

...ON TRACK 258.98 TO CROSS ZAAPA AT OR BELOW 14000, 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>
SINKR	ZAAPA7.SINKR	ZAAPA	YELOE	TRACK 265.01	53.89	14000	2400	
		YELOE	SINKR	TRACK 226.75	34.23	14000	3000	
PUUDL	ZAAPA7.PUUDL	ZAAPA	PUUDL	TRACK 233.44	83.51	14000	2900	
SNNOH	ZAAPA7.SNNOH	ZAAPA	YELOE	TRACK 265.01	53.89	14000	2400	
		YELOE	SNNOH	TRACK 246.61	115.58	14000	2600	

QUALITY
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CHECKED

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PBN REQUIREMENT NOTES:
RNAV 1 - DME/DME/IRU OR GPS.

EQUIPMENT REQUIREMENT NOTES:
RADAR REQUIRED.

PROCEDURAL DATA NOTES:
PUUDL TRANSITION: FOR AIRCRAFT AT OR BELOW FL220 ONLY OR AS ASSIGNED BY ATC.

TAKEOFF MINIMUMS:
CLE:
RWY 6R, 6L, 24R, 24L, 28: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1300.
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 10: 2048 FT MSL TOWER 412254.00N/0814157.00W.

MSA:
ALL AIRPORTS: 3100

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:
AIRPORT MV: CLE (P) 8W/2020, CGF 8W/1995, LPR 8W/2015, LNN 8W/1995.
CLE - CHART: TOP ALTITUDE: 14000.
CGF, LPR, LNN - CHART: TOP ALTITUDE: ASSIGNED BY ATC.
DME/DME/IRU ASSESSMENT: SAT (RNP 2.0).
CHART SPEED ICON MAXIMUM SPEED 240 KIAS AT EDMNN.
CHART: MINIMUM CROSSING ALTITUDE AT MOHUM - 9000.

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

FIXES AND/OR NAVAIDS:

REMARKS:
100 FT VEGETATION PER FPT.
THE ENVIRONMENTAL REVIEW UNDER ORDER 1050.1F AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED.
CATEGORICAL EXCLUSION ISSUED.
MOCA(S) NOT CHARTED PER ATC REQUEST TO REDUCE CHART CLUTTER.
CLE, CGF, LPR, LNN: ORDER 8260.3G - LEGACY ICA USED FOR DESIGN AND EVALUATION.
ABBREVIATED AMENDMENT.

FLIGHT INSPECTED BY		<i>Digitally signed by</i> APRIL T SARMENTO Jul 07, 2026	OFFICE	DATE	
PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021, SUBJECT: GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION VALIDATION.					
DEVELOPED BY		SIGNATURE	OFFICE	DATE	
JOHN KEEFER	<i>Digitally signed by</i> JOHN A KEEFER Jun 30, 2026		AJV-A432	05/07/2026	
APPROVED BY		SIGNATURE	OFFICE	DATE	TITLE
APRIL SARMENTO		<i>Digitally signed by</i> APRIL T SARMENTO Jul 07, 2026	AJV-A430		MANAGER
REQUIRED EFFECTIVE DATE					
ROUTINE					

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:**ZOB, CLE APP CON, CLE ATCT, CGF ATCT, CFPT, ARPT MGR

- CHANGES - REASONS:**
1. REMOVED ALL REFERENCES OF BKL. - BKL REMOVED FROM THE PROCEDURE AT DIRECTION OF FPT. BKL WILL RECEIVE NEW PROCEDURE.
2. CHANGED ALL AIRPORTS TO THREE LETTER ID. - 8260.46K COMPLIANCE.
3. ADDITIONAL FLIGHT DATA: ADDED CHART: MINIMUM CROSSING ALTITUDE AT MOHUM 9000. - 8260.46K COMPLIANCE.
4. REMARKS: ADDED: 100 FT VEGETATION PER FPT. - INFORMATIONAL.
5. REMARKS: ADDED: CLE, CGF, LPR, LNN: ORDER 8260.3G - LEGACY ICA USED FOR DESIGN AND EVALUATION.. - 8260.46K COMPLIANCE.



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

DP NAME						NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER		DATED	ACTUAL EFFECTIVE DATE
ZAAPA						SEVEN	ZAAPA7.ZAAPA	SIX		11/27/2025	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS	
CLE											
RW06L (AER)	412359.53N/0815224.55W	N	-	-	-	-					
-	412536.89N/0814950.69W	-	-	VI	049.94	1.04					CG 500 FT/NM TO 1300
EDMNN	412932.72N/0814946.03W	Y	FB	CF	360.85	3.93	AT/ABOVE 2000	AT/BELOW 240K			
FTTZZ	413220.00N/0815412.81W	Y	FB	TF	309.86	4.35					
DINAA	412927.09N/0820118.06W	Y	FB	TF	241.63	6.05	AT/ABOVE 8000				
MOHUM	411121.32N/0822634.68W	Y	FB	TF	226.61	26.26	AT/ABOVE 9000				
RW06R (AER)*	412404.10N/0815152.03W*	N	-	-	-	-					*DISPL THLD (1926 FEET)
-	412534.86N/0814928.56W	-	-	VI	049.94	1.03					CG 500 FT/NM TO 1300
EDMNN	412932.72N/0814946.03W	Y	FB	CF	356.84	3.97	AT/ABOVE 2000	AT/BELOW 240K			
FTTZZ	413220.00N/0815412.81W	Y	FB	TF	309.86	4.35					
DINAA	412927.09N/0820118.06W	Y	FB	TF	241.63	6.05	AT/ABOVE 8000				
MOHUM	411121.32N/0822634.68W	Y	FB	TF	226.61	26.26	AT/ABOVE 9000				
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	1.05					CG 500 FT/NM TO 1300
DWEZL	411644.19N/0821323.62W	Y	FB	CF	246.86	16.48	AT/BELOW 6000				

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DP NAME		NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED	ACTUAL EFFECTIVE DATE
ZAAPA		SEVEN		ZAAPA7.ZAAPA		SIX		11/27/2025	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
MOHUM	411121.32N/0822634.68W	Y	FB	TF	241.67	11.03	AT/ABOVE 9000		
RW24R (AER)	412456.75N/0815054.15W	N	-	-	-	-			
-	412318.61N/0815329.17W	-	-	VI	229.95	1.06			CG 500 FT/NM TO 1300
DWEZL	411644.19N/0821323.62W	Y	FB	CF	246.23	16.37	AT/BELOW 6000		
MOHUM	411121.32N/0822634.68W	Y	FB	TF	241.67	11.03	AT/ABOVE 9000		
RW28 (AER)	412457.82N/0814956.44W	N	-	-	-	-			
2200 MSL	-	-	-	VA	273.32		AT/ABOVE 2200		CG 500 FT/NM TO 1300
-	-	-	-	VM	273.32				
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	322.00				
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	322.00				RIGHT TURN
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				

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ZAAPA		SEVEN		ZAAPA7.ZAAPA		SIX		11/27/2025	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW25 (AER)	412049.83N/0821009.74W	N	-	-	-	-			
1300 MSL	-	-	-	VA	245.02		AT/ABOVE 1300		CG 500 FT/NM TO 1300
-	-	-	-	VM	352.00				RIGHT TURN
LNN									
RW05 (AER)*	414052.54N/0812346.84W*	N	-	-	-	-			*DISPL THLD (428 FEET)
1140 MSL	-	-	-	VA	044.59	-	AT/ABOVE 1140		CG 500 FT/NM TO 1140
-	-	-	-	VM	272.00	-			LEFT TURN
RW10 (AER)	414057.07N/0812346.05W	N	-	-	-	-			
1140 MSL	-	-	-	VA	090.51	-	AT/ABOVE 1140		CG 500 FT/NM TO 1140
-	-	-	-	VM	272.00				LEFT TURN
RW23 (AER)	414124.90N/0812304.28W	N	-	-	-	-			
1140 MSL	-	-	-	VA	224.60		AT/ABOVE 1140		CG 500 FT/NM TO 1140
-	-	-	-	VM	272.00				
RW28 (AER)*	414056.79N/0812304.56W*	N	-	-	-	-			*DISPL THLD (1124 FEET)
1140 MSL	-	-	-	VA	270.52	-	AT/ABOVE 1140		CG 500 FT/NM TO 1140
-	-	-	-	VM	272.00	-			
MOHUM	411121.32N/0822634.68W	Y	-	IF	-	-	AT/ABOVE 9000		



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ZAAPA		SEVEN		ZAAPA7.ZAAPA		SIX		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>
ZAAPA	410619.17N/0824547.67W	Y	FB	TF	250.98	15.37	AT/BELOW 14000		
ZAAPA	410619.17N/0824547.67W	Y	-	IF	-	-	AT/BELOW 14000		ZAAPA7.SINKR
YELOE	405350.81N/0835502.54W	Y	FB	TF	257.01	53.89			
SINKR	402704.65N/0842306.73W	Y	FB	TF	218.75	34.23			
ZAAPA	410619.17N/0824547.67W	Y	-	IF	-	-	AT/BELOW 14000		ZAAPA7.PUUDL
PUUDL	400714.40N/0840321.44W	Y	FB	TF	225.44	83.51			
ZAAPA	410619.17N/0824547.67W	Y	-	IF			AT/BELOW 14000		ZAAPA7.SNNOH
YELOE	405350.81N/0835502.54W	Y	FB	TF	257.01	53.89			
SNNOH	395223.84N/0860311.90W	Y	FB	TF	238.61	115.58			

