

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.

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
AYYLE	ONE	AYYLE1.AYYLE			
TYPE:	OBSTACLE	COPTER	SID	SPECIAL	RNAV
	☐	☐	☒	☐	☒

DP ROUTE DESCRIPTION:
TAKEOFF ALL RUNWAYS: CLIMB ON ASSIGNED HEADING FOR VECTORS TO AYYLE, THEN ON DEPICTED ROUTE TO GTLKE. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

TRANSITION NAME	TRANSITION COMPUTER CODE	FROM FIX/NAVAID	TO FIX/NAVAID	COURSE	DISTANCE	MEA	MOCA	CROSSING ALTITUDE/FIXES
ALPHE	AYYLE1.ALPHE	GTLKE	DORRT	TRACK 319.44	53.64	6000	2900	
		DORRT	ALPHE	TRACK 325.07	42.57	6000	3000	
BAGEL	AYYLE1.BAGEL	GTLKE	ELEOT	TRACK 285.25	14.42	6000	2100	
		ELEOT	MUNDR	TRACK 287.48	45.70	6000	2100	
		MUNDR	BAGEL	TRACK 279.65	59.36	6000	2400	
DAIFE	AYYLE1.DAIFE	GTLKE	ELEOT	TRACK 285.25	14.42	6000	2100	
		ELEOT	NOLNN	TRACK 271.26	60.73	6000	2400	
		NOLNN	DAIFE	TRACK 279.55	55.19	6000	2400	
YABRO	AYYLE1.YABRO	GTLKE	ELEOT	TRACK 285.25	14.42	6000	2100	
		ELEOT	NESSS	TRACK 278.63	59.48	6000	2100	
		NESSS	YABRO	TRACK 279.49	49.24	6000	2500	

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

EQUIPMENT REQUIREMENT NOTES:
RADAR REQUIRED.

PROCEDURAL DATA NOTES:
RWY 6R/24L: TAKEOFF MINIMUMS NA WHEN CONTROL TOWER CLOSED.

TAKEOFF MINIMUMS:
RWY 24R: STANDARD.
RWY 6L: STANDARD WITH MINIMUM CLIMB OF 220 FT/NM TO 1100.



RWY 6R: STANDARD WITH MINIMUM CLIMB OF 290 FT/NM TO 1100.
RWY 24L: STANDARD WITH MINIMUM CLIMB OF 517 FT/NM TO 1000.

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

CONTROLLING OBSTACLES:
RWY 6L: 758 FT MSL TOWER 413147.86N/0813857.11W.
RWY 6R: 849 FT MSL TOWER 413137.06N/0813855.71W.
RWY 24L: 763 FT MSL STADIUM 413025.30N/0814156.85W (CLIMB GRADIENT), 896 FT MSL BUILDING 413004.41N/0814214.10W (CLIMB GRADIENT TERMINATION ALTITUDE).

MSA:
BKL, 3100.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:
CHART: TOP ALTITUDE: ASSIGNED BY ATC.
AIRPORT MV: BKL 7W/1990.
DME/DME/IRU ASSESSMENT: SAT (RNP 2.0).

AIRPORT ID	CITY	STATE
BKL	CLEVELAND	OH

COMMUNICATIONS:
CHART: ATIS, CLNC DEL, GND CON, ATCT.

FIXES AND/OR NAVAIDS:

REMARKS:
VEGETATION HEIGHT USED: 100 FEET PER FPT.
ORDER 8260.3G, ICA USED FOR DESIGN AND EVALUATION.
WAIVER: DEVIATION FROM STANDARD CRITERIA. 8260.3, PARAGRAPH 1-4-2. AN ATC REQUESTED MAINTAINED ALTITUDE LOWER THAN THE UNRESTRICTEDCLIMB ALLOWED BY TERPS EVALUATION.
WAIVER: DEVIATION FROM STANDARD CRITERIA: ORDER 8260.46K APPENDIX E, SECTION 1, PARAGRAPH 2M(4). "DOCUMENT THE MINIMUM CROSSING ALTITUDE AT THE IF ON RNAV RADAR DEPARTURE PROCEDURES AS FOLLOWS: CHART: MINIMUM CROSSING ALTITUDE AT (RNAV-IF)-(ALTITUDE).".
APPROVAL LETTER: CLIMB GRADIENT EXCEEDS 500 FEET PER NM, 8260.46K PARAGRAPH 2-1-5 B.
MSA CONTROLLING OBSTACLE: 2049 FT MSL TOWER (39-000134) 412147.65N/0814257.40W.
AIRSPACE EVALUATION WAS RESTRICTED STRICTLY TO THE SECTOR BETWEEN 300 AND 050 DUE TO TRAFFIC DEVIATIONS AT KCLE.
DP ROUTE DESCRIPTION PREDICATED ON 300 CW 050 HEADINGS IAW WAIVER "AN ATC REQUESTED ALTITUDE LOWER THAN THE UNRESTRICTED CLIMB ALLOWED BY TERPS EVALUATION.

FLIGHT INSPECTED BY	SIGNATURE	OFFICE	DATE	
DEVELOPED BY	SIGNATURE	OFFICE	DATE	
JACOB CLARK	Digitally signed by JACOB H CLARK Aug 03, 2026	AJV-A432	07/06/2025	
APPROVED BY	SIGNATURE	OFFICE	DATE	TITLE
APRIL SARMENTO		AJV-A432		MANAGER



REQUIRED EFFECTIVE DATE
ROUTINE

COORDINATED WITH:

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

CHANGES - REASONS:
ORIGINAL PROCEDURE.



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

DP NAME					NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
AYYLE					ONE	AYYLE1.AYYLE			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
AYYLE	411655.55N/0822746.51W	Y	-	IF	-	-			
BRNIN	411636.64N/0823814.05W	Y	FB	TF	267.77	7.89			
GTLKE	411833.58N/0825909.65W	Y	FB	TF	277.15	15.89			
GTLKE	411833.58N/0825909.65W	Y	-	IF	-	-			AYYLE1.ALPHE
DORRT	415434.50N/0835210.74W	Y	FB	TF	312.44	53.64			
ALPHE	422609.24N/0843035.70W	Y	FB	TF	318.07	42.57			
GTLKE	411833.58N/0825909.65W	Y	-	IF	-	-			AYYLE1.BAGEL
ELEOT	412036.20N/0831806.19W	Y	FB	TF	278.25	14.42			
MUNDR	412839.70N/0841753.41W	Y	FB	TF	280.48	45.70			
BAGEL	413057.51N/08536.49.28W	Y	FB	TF	272.65	59.36			
GTLKE	411833.58N/0825909.65W	Y	-	IF	-	-			AYYLE1.DAIFE
ELEOT	412036.20N/0831806.19W	Y	FB	TF	278.25	14.42			
NOLNN	411403.75N/0843812.01W	Y	FB	TF	264.26	60.73			
DAIFE	411608.00N/0855119.00W	Y	FB	TF	272.55	55.19			
GTLKE	411833.58N/0825909.65W	Y	-	IF	-	-			AYYLE1.YABRO
ELEOT	412036.20N/0831806.19W	Y	FB	TF	278.25	14.42			

QUALITY

8

QUALITY
8
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>
AYYLE						ONE	AYYLE1.AYYLE			
<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>	
NESSS	412150.66N/0843704.18W	Y	FB	TF	271.63	59.48				
YABRO	412340.69N/0854226.27W	Y	FB	TF	272.49	49.24				

