

**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SUPERSEDED NUMBER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>EFFECTIVE DATE</u>
PFLYD	ONE	PFLYD1.PFLYD	NONE		19 JUL 2018

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	☐	☐	☒	☐	☒

**DP ROUTE DESCRIPTION:
CLEVELAND-HOPKINS INTL:**

TAKEOFF RWY 06L: CLIMB ON HEADING 057.94 TO INTERCEPT COURSE 034.75 TO CROSS NNUMB AT OR BELOW 6000, THEN ON TRACK 060.03 TO PFLYD, THENCE...

TAKEOFF RWY 06R: CLIMB ON HEADING 057.94 TO INTERCEPT COURSE 031.43 TO CROSS NNUMB AT OR BELOW 6000, THEN ON TRACK 060.03 TO PFLYD, THENCE...

TAKEOFF RWY 24L: CLIMB ON HEADING 237.96 TO INTERCEPT COURSE 287.78 TO WIISH, THEN ON TRACK 287.63 TO CROSS YUWER AT OR BELOW 6000, THEN RIGHT TURN DIRECT TO CROSS HEEAR AT OR ABOVE 8000, THEN ON TRACK 093.55 TO CROSS SYDD AT OR ABOVE 10000, THEN ON TRACK 093.67 TO PFLYD, THENCE...

TAKEOFF RWY 24R: CLIMB ON HEADING 237.95 TO INTERCEPT COURSE 286.70 TO WIISH, THEN ON TRACK 287.63 TO CROSS YUWER AT OR BELOW 6000, THEN RIGHT TURN DIRECT TO CROSS HEEAR AT OR ABOVE 8000, THEN ON TRACK 093.55 TO CROSS SYDD AT OR ABOVE 10000, THEN ON TRACK 093.67 TO PFLYD, THENCE...

...ON (TRANSITION). MAINTAIN 14000, 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>
MAAJR	PFLYD1.MAAJR	PFLYD	CURTY	TRACK 080.86	25.27	14000	2600	
		CURTY	MAAJR	TRACK 113.96	18.28	14000	2400	
PATRC	PFLYD1.PATRC	PFLYD	LNDYN	TRACK 023.68	7.10	14000	1900	
		LNDYN	PATRC	TRACK 023.61	15.71	14000	1800	
DUUKR	PFLYD1.DUUKR	PFLYD	DUUKR	TRACK 068.05	42.51	14000	2300	
JASEE	PFLYD1.JASEE	PFLYD	CURTY	TRACK 080.86	25.27	14000	2600	
		CURTY	JASEE	TRACK 080.96	18.27	14000	2400	
DORET	PFLYD1.DORET	PFLYD	CURTY	TRACK 080.86	25.27	14000	2600	
		CURTY	DORET	TRACK 091.73	18.28	14000	2400	

QUALITY
3
CHECKED

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PFLYD	ONE	PFLYD1.PFLYD	NONE		19 JUL 2018

PROCEDURAL DATA NOTES:

RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT
RNAV 1
DME/DME/IRU OR GPS REQUIRED

TAKEOFF MINIMUMS:

CLEVELAND-HOPKINS INTL: RWY 6L, 6R, 24R, 24L STANDARD WITH A MINIMUM CLIMB OF 500 FT PER NM TO 1300.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:**LOST COMMUNICATIONS PROCEDURES:****ADDITIONAL FLIGHT DATA:**

REFERENCE MAG VAR: KCLE 8W EPOCH YEAR: 2020
CHART: TOP ALTITUDE: 14000
DME/DME/IRU ASSESSMENT: SAT (RNP 2.0)

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
CLEVELAND-HOPKINS INTL (KCLE)	CLEVELAND	OH

COMMUNICATIONS:

ATIS, CLNC DEL, CPDLC, GND CON, CLE ATCT, CLE APP CON, CLE DEP CON

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

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.

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PFLYD	ONE	PFLYD1.PFLYD	NONE		19 JUL 2018												
FLIGHT INSPECTED BY: BRYAN VEIT <i>Digitally signed by</i> ROBERT G HAMILTON Mar 13, 2018 OFFICE SYMBOL: FICO DATE: 03/07/2018																	
DEVELOPED BY: HEIDI SNIDER <i>Digitally signed by</i> HEIDI SNIDER Jan 31, 2018 OFFICE SYMBOL: AJV-5423 DATE: 11/28/2017																	
APPROVED BY: JULIE MORGAN <i>Digitally signed by</i> ROBERT G HAMILTON Mar 13, 2018 OFFICE SYMBOL: AJV-5420 DATE:																	
REQUIRED EFFECTIVE DATE: ROUTINE																	
COORDINATED WITH: <table style="width: 100%; text-align: center;"> <tr> <td>A4A</td> <td>ALPA</td> <td>AOPA</td> <td>APA</td> <td>HAI</td> <td>NBAA</td> </tr> <tr> <td>☒</td> <td>☒</td> <td>☒</td> <td>☒</td> <td>☐</td> <td>☒</td> </tr> </table>						A4A	ALPA	AOPA	APA	HAI	NBAA	☒	☒	☒	☒	☐	☒
A4A	ALPA	AOPA	APA	HAI	NBAA												
☒	☒	☒	☒	☐	☒												
OTHER: ZOB, CLE APP CON, CLE ATCT, CFPT, AMGR																	
CHANGES - REASONS: ORIGINAL - ATC REQUEST																	

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**FEDERAL AVIATION ADMINISTRATION
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DEPARTURE (DATA RECORD)**

DP NAME		NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		EFFECTIVE DATE	
PFLYD		ONE		PFLYD1.PFLYD		NONE				19 JUL 2018	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
	CLEVELAND-HOPKINS INTL				(KCLE)						
RW06L (AER)	412359.53N/0815224.55W	N	-	-	-	-					
-	412536.89N/0814950.69W	-	-	VI	049.94	1.04			CG 500 FT/NM TO 1300; RECOMMENDED NAVAID: ECW VOR/DME		
NNUMB	412944.70N/0814704.75W	Y	FB	CF	026.75	4.62	AT/BELOW 6000				
PFLYD	413846.11N/0813138.26W	Y	FB	TF	052.03	14.69					
RW06R (AER)*	412404.10N/0815152.03W*	N	-	-	-	-			*DISPL THLD (1926.0 FEET)		
-	412534.86N/0814928.56W	-	-	VI	049.94	1.05			CG 500 FT/NM TO 1300; RECOMMENDED NAVAID: ECW VOR/DME		
NNUMB	412944.70N/0814704.75W	Y	FB	CF	023.43	4.54	AT/BELOW 6000				
PFLYD	413846.11N/0813138.26W	Y	FB	TF	052.03	14.69					
RW24L (AER)	412455.14N/0815031.37W	N	-	-	-	-					
-	412311.33N/0815315.36W	-	-	VI	229.96	1.06			CG 500 FT/NM TO 1300; RECOMMENDED NAVAID: ECW VOR/DME		
WIISH	412401.65N/0815941.42W	Y	FB	CF	279.78	4.91					
YUWER	4124445.45N/0820525.33W	Y	FO	TF	279.63	4.37	AT/BELOW 6000				
HEEAR	413723.56N/0815557.88W	Y	FB	DF	-	14.49	AT/ABOVE 8000				
SYDD	413800.20N/0814521.28W	Y	FB	TF	085.55	7.98	AT/ABOVE 10000				
PFLYD	413846.11N/0813138.26W	Y	FB	TF	085.67	10.31					
RW24R (AER)	412456.75N/0815054.15W	N	-	-	-	-					
-	412318.61N/0815329.17W	-	-	VI	229.95	1.05			CG 500 FT/NM TO 1300; RECOMMENDED NAVAID: ECW VOR/DME		
WIISH	412401.65N/0815941.42W	Y	FB	CF	278.70	4.72			QUALITY		

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PFLYD						ONE	PFLYD1.PFLYD	NONE		19 JUL 2018
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS
YUWER	412445.45N/0820525.33W	Y	FO	TF	279.63	4.37	AT/BELOW 6000			
HEEAR	413723.56N/0815557.88W	Y	FB	DF	-	14.49	AT/ABOVE 8000			
SYYDD	413800.20N/0814521.28W	Y	FB	TF	085.55	7.98	AT/ABOVE 10000			
PFLYD	413846.11N/0813138.26W	Y	FB	TF	085.67	10.31				
ENROUTE TRANSITION										
PFLYD	413846.11N/0813138.26W	Y	-	IF	-	-			PFLYD1.DORET	
CURTY	414608.69N/0805922.19W	Y	FB	TF	072.86	25.27				
DORET	414805.90N/0803504.64W	Y	FB	TF	083.73	18.28				
ENROUTE TRANSITION										
PFLYD	413846.11N/0813138.26W	Y	-	IF	-	-			PFLYD1.DUUKR	
DUUKR	415949.66N/0804214.03W	Y	FB	TF	060.05	42.51				
ENROUTE TRANSITION										
PFLYD	413846.11N/0813138.26W	Y	-	IF	-	-			PFLYD1.JASEE	
CURTY	414608.69N/0805922.19W	Y	FB	TF	072.86	25.27				
JASEE	415127.75N/0803559.47W	Y	FB	TF	072.96	18.27				
ENROUTE TRANSITION										
PFLYD	413846.11N/0813138.26W	Y	-	IF	-	-			PFLYD1.MAAJR	
CURTY	414608.69N/0805922.19W	Y	FB	TF	072.86	25.27				
MAAJR	414104.59N/0803554.70W	Y	FB	TF	105.96	18.28				
ENROUTE TRANSITION										
PFLYD	413846.11N/0813138.26W	Y	-	IF	-	-			PFLYD1.PATRC	QUALITY 3

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PFLYD		ONE		PFLYD1.PFLYD		NONE			19 JUL 2018
<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>
LNDYN	414536.28N/0812904.47W	Y	FB	TF	015.68	7.10			
PATRC	420044.53N/0812324.22W	Y	FB	TF	015.61	15.71			

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