

**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.
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<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
CAVVS	THREE	CAVVS3.CAVVS	TWO	02/28/2019	5 DEC 2019
<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"/>

This is a corrected copy of the procedure published in NFDD 192. See page 4.

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

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 BIGZ 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 BIGZ 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.

BURKE LAKEFRONT:

TAKEOFF RWY 6L: CLIMB ON HEADING 065.91 TO 1100, THEN ON HEADING 350.00 OR AS ASSIGNED BY ATC, MAINTAIN 2000 (DO NOT CLIMB ABOVE 2000) FOR RADAR VECTORS TO CROSS LBRON AT OR ABOVE 10000, THENCE...

TAKEOFF RWY 6R: CLIMB ON HEADING 065.92 TO 1100, THEN ON HEADING 350.00 OR AS ASSIGNED BY ATC, MAINTAIN 2000 (DO NOT CLIMB ABOVE 2000) FOR RADAR VECTORS TO CROSS LBRON AT OR ABOVE 10000, THENCE...

TAKEOFF RWY 24L: CLIMB ON HEADING 245.93 TO 1100, THEN RIGHT TURN HEADING 350.00 OR AS ASSIGNED BY ATC, MAINTAIN 2000 (DO NOT CLIMB ABOVE 2000) FOR RADAR VECTORS TO CROSS LBRON AT OR ABOVE 10000, THENCE...

TAKEOFF RWY 24R: CLIMB ON HEADING 245.92 TO 1100, THEN RIGHT TURN HEADING 350.00 OR AS ASSIGNED BY ATC, MAINTAIN 2000 (DO NOT CLIMB ABOVE 2000) FOR RADAR VECTORS TO CROSS LBRON AT OR ABOVE 10000, THENCE...

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

CUYAHOGA COUNTY:

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...

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

LORAIN COUNTY RGNL:

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...

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

WILLOUGHBY LOST NATION MUNI:

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 ALTITUDE ASSIGNED BY ATC, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE.

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FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

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CAVVS	THREE	CAVVS3.CAVVS	TWO	02/28/2019	5 DEC 2019

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	CAVVS3.APE	CAVVS	APE VORTAC	TRACK 213.03	31.50	14000	2800	

PROCEDURAL DATA NOTES:

RADAR REQUIRED
RNAV 1
DME/DME/IRU OR GPS REQUIRED

TAKEOFF MINIMUMS:

CLEVELAND-HOPKINS INTL: RWY 6L, 24R, 24L, 28 STANDARD WITH A MINIMUM CLIMB OF 500 FT PER NM TO 1300. **RWY 6R**, STANDARD WITH A MINIMUM CLIMB OF 500 FT PER NM TO 1400. **RWY 10**, STANDARD WITH A MINIMUM CLIMB OF 500 FT PER NM TO 1600.
BURKE LAKEFRONT: RWY 6R, 6L, 24R STANDARD WITH A MINIMUM CLIMB OF 500 FT PER NM TO 1100. **RWY 24L** 400-1 3/8 OR STANDARD WITH MINIMUM CLIMB OF 757 FT PER NM TO 1000.
CUYAHOGA COUNTY: RWY 6, 24 STANDARD WITH A MINIMUM CLIMB OF 500 FT PER NM TO 1400.
LORAIN COUNTY RGNL: RWY 7, 25 STANDARD WITH A MINIMUM CLIMB OF 500 FT PER NM TO 1300.
WILLOUGHBY LOST NATION MUNI: RWY 5, 10, 23, 28 STANDARD WITH A MINIMUM CLIMB OF 500 FT PER NM TO 1140.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

CLEVELAND-HOPKINS INTL: RWY 6R: 1998 FT MSL TOWER 412245.00N/0814311.00W RWY 10: 2048 FT MSL TOWER 412254.00N/0814157.00W
BURKE LAKEFRONT: RWY 24L: 740 FT MSL BUILDING 413031.10N/0814144.07W (CLIMB GRADIENT), 896 FT MSL BUILDING 413004.41N/0814214.10W (CEILING/CLIMB-TO ALTITUDE), 787 FT MSL BRIDGE 412953.73N/0814231.66W (VISIBILITY).

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KCLE 8W EPOCH YEAR: 2020
CLEVELAND-HOPKINS INTL - CHART: TOP ALTITUDE: 14000.
BURKE LAKEFRONT, CUYAHOGA COUNTY, LORAIN COUNTY RGNL, WILLOUGHBY LOST NATION MUNI: CHART: TOP ALTITUDE: ASSIGNED BY ATC.
CHART: MINIMUM CROSSING ALTITUDE AT LBRON - 10000.
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
BURKE LAKEFRONT (KBKL)	CLEVELAND	OH
CUYAHOGA COUNTY (KCGF)	CLEVELAND	OH

QUALITY
35
CHECKED

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CAVVS	THREE	CAVVS3.CAVVS	TWO	02/28/2019	5 DEC 2019
LORAIN COUNTY RGNL (KLPR)			LORAIN/ELYRIA		OH
WILLOUGHBY LOST NATION MUNI (KLNN)			WILLOUGHBY		OH

COMMUNICATIONS:**CLEVELAND-HOPKINS INTL:** ATIS, CLNC DEL, CPDLC, GND CON, CLE ATCT, CLE APP CON, CLE DEP CON.**BURKE LAKEFRONT:** ATIS, AWOS/ASOS, CLNC DEL, GND CON, BKL ATCT, CTAF DEPARTURE CONTROL.**CUYAHOGA COUNTY:** ATIS, AWOS/ASOS, CLNC DEL, GND CON, CGF ATCT, CTAF DEPARTURE CONTROL.**LORAIN COUNTY RGNL:** ATIS, AWOS/ASOS, CLNC DEL, CTAF DEPARTURE CONTROL.**WILLOUGHBY LOST NATION MUNI:** ATIS, AWOS/ASOS, CTAF DEPARTURE CONTROL.**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.

LETTER OF APPROVAL ON FILE FOR KBKL RWY 24L MINIMUM CLIMB OF 757 FT PER NM TO 1000.

ABBREVIATED AMENDMENT.

FLIGHT INSPECTED BY:**OFFICE SYMBOL:****DATE:**

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED.

DEVELOPED BY:*Digitally signed by***OFFICE SYMBOL:****DATE:**

RUSS ROSLEWSKI

RUSSELL ROSLEWSKI

AJV-A421

07/23/2019

Sep 30, 2019

APPROVED BY:**OFFICE SYMBOL:****DATE:**

MARLON ROBINSON

AJV-A420

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

QUALITY
35
CHECKED

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DP NAME						NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
CAVVS						THREE	CAVVS3.CAVVS	TWO	02/28/2019	5 DEC 2019
A4A	ALPA	AOPA	APA	HAI	NBAA					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>					

OTHER:

ZOB, CLE APP CON, CLE ATCT, CGF ATCT, BKL ATCT, CFPT, AMGR

CHANGES - REASONS:

1. KBKL DEPARTURES, ADDED "MAINTAIN 2000 (DO NOT CLIMB ABOVE 2000)" - ATC REQUEST FOR CONFLICTING TRAFFIC.
2. ADDITIONAL FLIGHT DATA, CHANGED TOP ALTITUDE FROM "14000" TO "ASSIGNED BY ATC" AND ADDED "ALL AIRPORTS" - ATC REQUEST FOR STANDARDIZATION WITH OTHER NEARBY PROCEDURES AND 8260.46G.
3. ADDITIONAL FLIGHT DATA, ADDED "CHART: MINIMUM CROSSING ALTITUDE AT LBRON - 10000" - 8260.46G.

09/25/2019: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 08/21/2019.

1. UPDATED TAKEOFF MINIMUMS AT CLEVELAND-HOPKINS INTL: RWY 6R, "FT PER NM" TO THE MINIMUM CLIMB INSTRUCTION.

09/30/2019: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 08/21/2019.

1. DP ROUTE DESCRIPTION, ALL AIRPORTS, REMOVED "OR LOWER FILED ALTITUDE" FROM "THENCE" STATEMENT - ATC REQUEST.
2. DP ROUTE DESCRIPTION, ALL AIRPORTS EXCEPT CLEVELAND-HOPKINS INTL, CHANGED "MAINTAIN 14000" TO "MAINTAIN ALTITUDE ASSIGNED BY ATC" - ATC REQUEST.
3. ADDITIONAL FLIGHT DATA, CHANGED CLEVELAND-HOPKINS INTL TOP ALTITUDE FROM "ASSIGNED BY ATC" TO "14000" - ATC REQUEST.

QUALITY
35
CHECKED

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

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
CAVVS							THREE	CAVVS3.CAVVS	TWO	02/28/2019	5 DEC 2019
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	
NANTZ	412521.14N/0814406.56W	Y	FB	CF	093.51	4.32				RECOMMEND NAVAID: EWC VOR/DME	
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				RECOMMEND NAVAID: EWC VOR/DME	
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				
RW10 (AER)	412501.26N/0815115.28W	N	-	-	-	-					
3000 MSL	-	-	-	VA	093.31	-				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; RECOMMEND NAVAID: EWC VOR/DME	
KYRIE	411130.78N/0815816.93W	Y	FB	CF	197.96	12.27	AT/BELOW 6000				

QUALITY
23
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CAVVS		THREE		CAVVS3.CAVVS		TWO		02/28/2019	5 DEC 2019
<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; RECOMMENDED NAVAID: EWC VOR/DME
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	-			
BURKE LAKEFRONT					(KBKL)				
RW06L (AER)*	413051.82N/0814129.42W*	N	-	-	-	-			*DISPL THLD (178 FEET)
1100 MSL	-	-	-	VA	057.91	-			CG 500 FT/NM TO 1100
-	-	-	-	VM	342.00	-	AT 2000		
RW06R (AER)*	413047.12N/0814127.01W*	N	-	-	-	-			*DISPL THLD (275 FEET)
1100 MSL	-	-	-	VA	057.92	-			CG 500 FT/NM TO 1100
-	-	-	-	VM	342.00	-	AT 2000		
RW24L (AER)	413112.95N/0814032.20W	N	-	-	-	-			
1100 MSL	-	-	-	VA	237.93	-			CG 757 FT/NM TO 1000

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CAVVS		THREE		CAVVS3.CAVVS		TWO		02/28/2019	5 DEC 2019
<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>
-	-	-	-	VM	342.00	-	AT 2000		RIGHT TURN
RW24R (AER)*	413122.39N/0814024.54W*	N	-	-	-	-			DISPL THLD (600 FEET)
1100 MSL	-	-	-	VA	237.92	-			CG 500 FT/NM TO 1100
-	-	-	-	VM	342.00	-	AT 2000		
CUYAHOGA COUNTY (KCGF)									
RW06 (AER)	413336.83N/0812938.32W*	N	-	-	-	-			DISPL THLD (318 FEET)
1900 MSL	-	-	-	VA	049.48	-			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	-			CG 500 FT/NM TO 1400
-	-	-	-	VM	172.00				
LORAIN COUNTY RGNL (KLPR)									
RW07 (AER)	412028.96N/0821109.17W	N	-	-	-	-			
1300 MSL	-	-	-	VA	065.01	-			CG 500 FT/NM TO 1300
-	-	-	-	VM	352.00				
RW25 (AER)	412049.83N/0821009.74W	N	-	-	-	-			
1300 MSL	-	-	-	VA	245.02	-			CG 500 FT/NM TO 1300

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CAVVS		THREE		CAVVS3.CAVVS		TWO		02/28/2019	5 DEC 2019
<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>
-	-	-	-	VM	352.00				RIGHT TURN
WILLOUGHBY LOST NATION MUNI (KLNN)									
RW05 (AER)*	414052.54N/0812346.84W*	N	-	-	-	-			*DISPL THLD (428 FEET)
1140 MSL	-	-	-	VA	044.59	-			CG 500 FT/NM TO 1140
-	-	-	-	VM	172.00				RIGHT TURN
RW10 (AER)									
RW10 (AER)	414057.07N/0812346.05W	N	-	-	-	-			
1140 MSL	-	-	-	VA	090.51	-			CG 500 FT/NM TO 1140
-	-	-	-	VM	172.00	-			
RW23 (AER)									
RW23 (AER)	414124.90N/0812304.28W	N	-	-	-	-			
1140 MSL	-	-	-	VA	224.60	-			CG 500 FT/NM TO 1140
-	-	-	-	VM	172.00				
RW28 (AER)*									
RW28 (AER)*	414056.79N/0812304.56W*	N	-	-	-	-			*DISPL THLD (1124 FEET)
1140 MSL	-	-	-	VA	270.52	-			CG 500 FT/NM TO 1140
-	-	-	-	VM	172.00	-			LEFT TURN
LBRON									
LBRON	405724.62N/0820545.34W	Y	-	IF	-	-	AT/ABOVE 10000		
CAVVS	403738.64N/0821755.19W	Y	FB	TF	205.13	21.81			



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CAVVS		THREE		CAVVS3.CAVVS		TWO		02/28/2019	5 DEC 2019
<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>
CAVVS	403738.64N/0821755.19W	Y	-	IF	-	-			CAVVS3.APE
APE VORTAC	400903.83N/0823517.88W	Y	FB	TF	205.03	31.50			

