

**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SUPERSEDED NUMBER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>
GTLKE	TWO	GTLKE2.GTLKE	ONE	7/19/2018	

<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"/>

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

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 262.90 TO CROSS GRALD AT OR ABOVE 8000, THEN ON TRACK 237.43 TO XMASS, THEN ON TRACK 249.13 TO CROSS AYYLE 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 262.90 TO CROSS GRALD AT OR ABOVE 8000, THEN ON TRACK 237.43 TO XMASS, THEN ON TRACK 249.13 TO CROSS AYYLE 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 AYYLE AT OR ABOVE 9000, THENCE...

TAKEOFF RWY 24L: CLIMB ON HEADING 237.96 TO INTERCEPT COURSE 269.58 TO CROSS CNWAY AT OR BELOW 6000, THEN ON TRACK 259.89 TO CROSS AYYLE AT OR ABOVE 9000, THENCE...

TAKEOFF RWY 24R: CLIMB ON HEADING 237.95 TO INTERCEPT COURSE 268.92 TO CROSS CNWAY AT OR BELOW 6000, THEN ON TRACK 259.89 TO CROSS AYYLE 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 AYYLE AT OR ABOVE 9000, THENCE...

BURKE LAKEFRONT:

TAKEOFF RWY 6L: CLIMB ON HEADING 065.91 TO 1100, THEN ON HEADING 350.00 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS AYYLE AT OR ABOVE 9000, THENCE...

TAKEOFF RWY 6R: CLIMB ON HEADING 065.92 TO 1100, THEN ON HEADING 350.00 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS AYYLE AT OR ABOVE 9000, THENCE...

TAKEOFF RWY 24L: CLIMB ON HEADING 245.93 TO 1100, THEN RIGHT TURN HEADING 350.00 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS AYYLE AT OR ABOVE 9000, THENCE...

TAKEOFF RWY 24R: CLIMB ON HEADING 245.92 TO 1100, THEN RIGHT TURN HEADING 350.00 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS AYYLE AT OR ABOVE 9000, THENCE...

CUYAHOGA COUNTY:

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 AYYLE 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 AYYLE AT OR ABOVE 9000, THENCE...

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 AYYLE 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 AYYLE AT OR ABOVE 9000, THENCE...

WILLOUGHBY LOST NATION MUNI:

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 AYYLE 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 AYYLE 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 AYYLE 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 AYYLE AT OR ABOVE 9000, THENCE...

...ON TRACK 275.77 TO BRNIN, THEN ON TRACK 285.15 TO GTLKE THEN 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>
ALPHE	GTLKE2.ALPHE	GTLKE	DORRT	TRACK 320.44	53.64	14000	2900	
		DORRT	ALPHE	TRACK 326.07	42.57	14000	3000	
BAGEL	GTLKE2.BAGEL	GTLKE	ELEOT	TRACK 286.25	14.42	14000	2100	
		ELEOT	MUNDR	TRACK 288.48	45.70	14000	2100	
		MUNDR	BAGEL	TRACK 280.65	59.36	14000	2400	

QUALITY
35
CHECKED

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GTLKE			TWO	GTLKE2.GTLKE	ONE		7/19/2018	
DAIFE	GTLKE2.DAIFE	GTLKE	ELEOT	TRACK 286.25	14.42	14000	2100	
		ELEOT	NOLNN	TRACK 272.26	60.73	14000	2400	
		NOLNN	DAIFE	TRACK 280.55	55.19	14000	2300	
YABRO	GTLKE2.YABRO	GTLKE	ELEOT	TRACK 286.25	14.42	14000	2100	
		ELEOT	NESSS	TRACK 279.63	59.48	14000	2100	
		NESSS	YABRO	TRACK 280.49	49.24	14000	2500	

PROCEDURAL DATA NOTES:

RADAR REQUIRED
RNAV 1
DME/DME/IRU OR GPS REQUIRED
BAGEL TRANSITION: FOR AIRCRAFT LANDING MDW ONLY, OR AS ASSIGNED BY ATC.
DAIFE TRANSITION: FOR AIRCRAFT LANDING ORD ONLY, OR AS ASSIGNED BY ATC.

TAKEOFF MINIMUMS:

CLEVELAND-HOPKINS INTL: RWY 6L, 6R, 24R, 24L, 28 STANDARD WITH A MINIMUM CLIMB OF 500 FT PER NM TO 1300. **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 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
CHART: TOP ALTITUDE: 14000
DME/DME/IRU ASSESSMENT: SAT (RNP 2.0)
CHART SPEED ICON MAXIMUM SPEED 240 KIAS AT EDMNN

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GTLKE	TWO	GTLKE2.GTLKE	ONE	7/19/2018	

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
LORAIN COUNRY 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.



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GTLKE	TWO	GTLKE2.GTLKE	ONE	7/19/2018	

FLIGHT INSPECTED BY:

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

OFFICE SYMBOL:

DATE:

Digitally signed by
ROBERT G HAMILTON
Dec 12, 2018

DEVELOPED BY:

HEIDI SNIDER

OFFICE SYMBOL:

DATE:

AJV-5423

08/22/2018

Digitally signed by
ROBERT G HAMILTON
Dec 12, 2018

APPROVED BY:

JULIE MORGAN

OFFICE SYMBOL:

DATE:

AJV-5420

Digitally signed by
ROBERT G HAMILTON
Dec 12, 2018

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

<u>A4A</u>	<u>ALPA</u>	<u>AOPA</u>	<u>APA</u>	<u>HAI</u>	<u>NBAA</u>
<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. CHANGED 8260.15C, PAGE 5 FOR KCLE RW10 FROM 1300 MSL TO 3000 MSL - ALTITUDE FOR RADAR VECTORING.
2. CHANGED 8260.15C, PAGE 6 FOR KCLE RW28 FROM 1300 MSL TO 2200 MSL - ALTITUDE FOR RADAR VECTORING.
3. CHANGED DP ROUTE DESCRIPTION AT KLNN FOR RWY 28 FROM TO CROSS AYYLE AT OR ABOVE 10000 TO CROSS AYYLE AT OR ABOVE 9000. - ATC REQUEST.
4. UPDATED COMMUNICATIONS, ADDED CLNC DEL AND GRD CON AT BURKE LAKEFRONT AND CUYAHOGA COUNTY ADDED CLNC DEL, REMOVED LPR ATCT AT LORAIN COUNTY, REMOVED LNN ATCT AT WILLOUGHBY LOST NATION MUNI. - REQUIRED FREQUENCIES TO BE PUBLISHED.
5. UPDATED DEPARTURE ROUTE DESCRIPTION INITIAL ALTITUDES AT CUYAHUGA COUNTY, RWY 6 FROM 2500 TO 1900; RWY 24 FROM 2700 TO 1900; AT LORAIN COUNTY, ALL RWYS FROM 2200 TO 1300 AND AT WILLOUGHBY LOST NATION MUNI ALL RWY FROM 2500 TO 1140. - ATC REQUEST, TO STANDARDIZE ALL SATELLITE AIRPORT ALTITUDES.
6. DP ROUTE DESCRIPTION FROM ...ON TRACK 275.77 TO CROSS BRNIN AT OT BELOW 14000, THEN ON TRACK 285.15 TO GTLKE THEN ON (TRANSITION). MAINTAIN 14000, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE TO ...ON TRACK 275.77 TO BRNIN, THEN ON TRACK 285.15 TO GTLKE THEN ON (TRANSITION). MAINTAIN 14000, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE - STANDARDIZE DEPARTURE ALTITUDE.

10/26/2018: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/23/2018.

1. UPDATED DEPARTURE ROUTE DESCRIPTION FROM ...ON TRACK 275.77 TO BRNIN, THEN ON TRACK 285.15 TO GTLKE THEN ON (TRANSITION). MAINTAIN 14000, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE. TO ...275.77 TO BRNIN, THEN ON TRACK 285.15 TO GTLKE THEN ON (TRANSITION). MAINTAIN 14000 OR LOWER FILED ALTITUDE, EXPECT HIGHER FILED ALTITUDE TEN MINUTES AFTER DEPARTURE. - ATC REQUEST.

12/11/2018: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 11/02/2018.

1. UPDATED DEPARTURE ROUTE DESCRIPTION FROM ...ON TRACK 275.77 TO BRNIN, THEN ON TRACK 285.15 TO GTLKE THEN ON (TRANSITION). MAINTAIN 14000 OR LOWER FILED ALTITUDE, EXPECT HIGHER FILED ALTITUDE TEN MINUTES AFTER DEPARTURE... TO ...ON TRACK 275.77 TO BRNIN, THEN ON TRACK 285.15 TO GTLKE THEN ON (TRANSITION). MAINTAIN 14000, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE. - ATC REQUEST.

QUALITY
35
CHECKED

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

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
GTLKE							TWO	GTLKE2.GTLKE	ONE	7/19/2018	
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: EWC VOR/DME	
EDMNN	412932.72N/0814946.03W	Y	FB	CF	000.85	3.93	AT/ABOVE 2000	AT/BELOW 240K			
FTTZZ	413220.00N/0815412.81W	Y	FB	TF	309.86	4.35					
GRALD	413054.16N/0820114.98W	Y	FB	TF	254.90	5.47	AT/ABOVE 8000				
XMASS	412240.23N/0821359.82W	Y	FB	TF	229.43	12.63					
AYYLE	411655.55N/0822746.51W	Y	FB	TF	241.13	11.86	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; RECOMMENDED NAVAID: EWC VOR/DME	
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					
GRALD	413054.16N/0820114.98W	Y	FB	TF	254.90	5.47	AT/ABOVE 8000				
XMASS	412240.23N/0821359.82W	Y	FB	TF	229.43	12.63					
AYYLE	411655.55N/0822746.51W	Y	FB	TF	241.13	11.86	AT/ABOVE 9000				
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	-	-	-	-					

QUALITY

3

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GTLKE		TWO		GTLKE2.GTLKE		ONE		7/19/2018	
<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>
-	412311.33N/0815315.36W	-	-	VI	229.96	1.05			CG 500 FT/NM TO 1300; RECOMMENDED NAVAID: EWC VOR/DME
CNWAY	412120.89N/0820956.85W	Y	FB	CF	261.58	12.70	AT/BELOW 6000		
AYYLE	411655.55N/0822746.51W	Y	FB	TF	251.89	14.14	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; RECOMMENDED NAVAID: EWC VOR/DME
CNWAY	412120.89N/0820956.85W	Y	FB	CF	260.92	12.55	AT/BELOW 6000		
AYYLE	411655.55N/0822746.51W	Y	FB	TF	251.89	14.14	AT/ABOVE 9000		
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	-			
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	-			

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GTLKE		TWO		GTLKE2.GTLKE		ONE		7/19/2018			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
RW24L (AER)	413112.95N/0814032.20W	N	-	-	-	-					
1100 MSL	-	-	-	VA	237.93	-			CG 757 FT/NM TO 1000		
-	-	-	-	VM	342.00	-			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	-			RIGHT TURN		
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	322.00						
RW24 (AER)*	413406.89N/0812851.49W*	N	-	-	-	-			*DISPL THLD (500 FEET)		
1900 MSL	-	-	-	VA	229.49	-			CG 500 FT/NM TO 1400		
-	-	-	-	VM	322.00				RIGHT TURN		
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						

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GTLKE						TWO	GTLKE2.GTLKE	ONE	7/19/2018	
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	-			CG 500 FT/NM TO 1300	
-	-	-	-	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	272.00				LEFT TURN	
RW10 (AER)	414057.07N/0812346.05W	N	-	-	-	-				
1140 MSL	-	-	-	VA	090.51	-			CG 500 FT/NM TO 1140	
-	-	-	-	VM	272.00	-			LEFT TURN	
RW23 (AER)	414124.90N/0812304.28W	N	-	-	-	-				
1140 MSL	-	-	-	VA	224.60	-			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	-			CG 500 FT/NM TO 1140	
-	-	-	-	VM	272.00	-				
</										

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS	
AYYLE	411655.55N/0822746.51W	Y	-	IF	-	-	AT/ABOVE 9000				
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	-	-				GTLKE2.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	-	-				GTLKE2.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/0853649.28W	Y	FB	TF	272.65	59.36					
GTLKE	411833.58N/0825909.65W	Y	-	IF	-	-				GTLKE2.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	-	-				GTLKE2.YABRO	
ELEOT	412036.20N/0831806.19W	Y	FB	TF	278.25	14.42					
NESSS	412150.66N/0843704.18W	Y	FB	TF	271.63	59.48					
YABRO	412340.69N/0854226.27W	Y	FB	TF	272.49	49.24					

QUALITY

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