

FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD TERMINAL ARRIVAL (STAR)

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.  
Distances are in nautical miles (NM). Graphic depictions attached.

Arrival Name <b>ROKNN (RNAV)</b>	Number <b>THREE</b>	STAR Computer Code <b>ROKNN.ROKNN3</b>	Superseded Number <b>TWO</b>	Dated <b>10/10/2019</b>	Effective Date <b>26 MAR 2020</b>
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TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
DRUGA	DRUGA.ROKNN3	DRUGA	DRUGA						
			DEAHD	048.43	38.99	10000	2900		
			HEADZ	051.67	25.31	10000	2500		BETWEEN 17000 AND FL230
			ROKNN	051.66	36.98	9000	2900		BETWEEN 10000 AND 17000
TALKN	TALKN.ROKNN3	TALKN	TALKN						
			DEAHD	090.79	39.96	10000	2700		
			HEADZ	051.67	25.31	10000	2500		BETWEEN 17000 AND FL230
			ROKNN	051.66	36.98	9000	2900		BETWEEN 10000 AND 17000

ARRIVAL ROUTE DESCRIPTION:

KCLE: FROM ROKNN ON TRACK 052.00/10.00 TO CROSS DEVOH BETWEEN 8000 AND 14000.

LANDING KCLE RWY 06L: FROM DEVOH ON TRACK 049.97/4.14 TO CROSS KINCS BETWEEN 7000 AND 9000, THEN ON TRACK 049.05/9.77 TO CROSS KWENE AT OR ABOVE 6000 AND AT 210 KIAS. EXPECT ILS, RNAV (RNP) OR RNAV (GPS) APPROACH FROM KWENE.

LANDING KCLE RWY 06R: FROM DEVOH ON TRACK 049.97/4.14 TO CROSS KINCS BETWEEN 7000 AND 9000, THEN ON TRACK 050.51/10.11 TO CROSS RUHSH AT OR ABOVE 6000 AND AT 210 KIAS. EXPECT ILS, RNAV (RNP) OR RNAV (GPS) APPROACH FROM RUHSH.

LANDING KCLE RWY 24L: FROM DEVOH ON TRACK 052.91/20.42 TO CROSS SEPLN BETWEEN 8000 AND 10000, THEN ON TRACK 078.66/14.68 TO CROSS CLAPT AT 7000 AND AT 210 KIAS, THEN ON HEADING 058.00 OR AS ASSIGNED BY ATC. EXPECT RNAV (RNP) APPROACH FROM CLAPT OR RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KCLE RWY 24R: FROM DEVOH ON TRACK 052.91/20.42 TO CROSS SEPLN BETWEEN 8000 AND 10000, THEN ON TRACK 035.97/14.49 TO CROSS DAHOO AT 7000 AND AT 210 KIAS, THEN ON HEADING 058.00 OR AS ASSIGNED BY ATC. EXPECT RNAV (RNP) APPROACH FROM DAHOO OR RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KCLE RWY 28: FROM DEVOH ON TRACK 052.91/20.42 TO CROSS SEPLN BETWEEN 8000 AND 10000, THEN ON TRACK 086.53/10.25 TO GNDAY, THEN ON TRACK 105.70/6.08 TO CROSS SWEEE AT 7000 AND AT 210 KIAS, THEN ON HEADING 101.00 OR AS ASSIGNED BY ATC. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KBKL/KLNN/KCGF/KLPR: FROM ROKNN ON TRACK 052.00/10.00 TO CROSS DEVOH BETWEEN 8000 AND 14000, THEN ON TRACK 052.93/14.18 TO CROSS MICKJ AT 8000, THEN ON TRACK 052.93. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED

NOTE: RNAV 1

NOTE: DME/DME/IRU OR GPS REQUIRED

NOTE: JET AIRCRAFT EXPECT "DESCEND VIA" CLEARANCE FROM CLEVELAND CENTER.

NOTE: JET AIRCRAFT DESCEND VIA MACH NUMBER UNTIL INTERCEPTING 280 KIAS. MAINTAIN 280 KIAS UNTIL SLOWED BY THE STAR.

NOTE: KCLE LANDING SOUTH: USE RWY 24R TRANSITION. EXPECT RUNWAY ASSIGNMENT FROM CLEVELAND APP CON NO LATER THAN ROKNN.

NOTE: KCLE LANDING NORTH: USE RWY 6L TRANSITION. EXPECT RUNWAY ASSIGNMENT FROM CLEVELAND APP CON NO LATER THAN ROKNN.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT ROKNN: HOLD SW, RT, 051.66 INBOUND, 10 NM LEGS.

COMMUNICATIONS:

CLEVELAND APP CON, CLE ATIS, BKL ATIS

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AIRPORTS SERVED:

CLEVELAND-HOPKINS INTL, CLEVELAND, OH (KCLE)  
BURKE LAKEFRONT, CLEVELAND, OH (KBKL)  
CUYAHOGA COUNTY, CLEVELAND, OH (KCGF)  
LORAIN COUNTY RGNL, LORAIN/ELYRIA, OH (KLPR)  
LAKE COUNTY EXECUTIVE, WILLOUGHBY, OH (KLNN)

LOST COMMUNICATIONS PROCEDURE:

REMARKS:

AMENDMENT DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)  
REFERENCE MAGNETIC VARIATION = KCLE 08W/2020  
CHART AT MICKJ TERMINUS: LDG KBKL, KCGF, KLNN, KLPR  
CHART AT KWENE TERMINUS: KCLE LDG RWY 6L  
CHART AT RUHSH TERMINUS: KCLE LDG RWY 6R  
CHART AT CLAPT TERMINUS: KCLE LDG RWY 24L  
CHART AT DAHOO TERMINUS: KCLE LDG RWY 24R  
CHART AT SWEEE TERMINUS: KCLE LDG RWY 28  
DO NOT CHART MOCAs.

FLIGHT INSPECTED BY:

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-333) MEMO, OCT 3, 2018

Name

Organization

Date

Signature

DEVELOPED BY:

JOSEPH ZEDER

Name

AJV-A440

Organization

11/06/2019

Date

Signature

APPROVED BY:

PATRICK MULQUEEN

Name

AJV-A440

Organization

Date

Signature

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CHANGES:

1. CHANGED NAME OF WILLOUGHBY LOST NATION MUNI TO LAKE COUNTY EXECUTIVE.

REASONS:

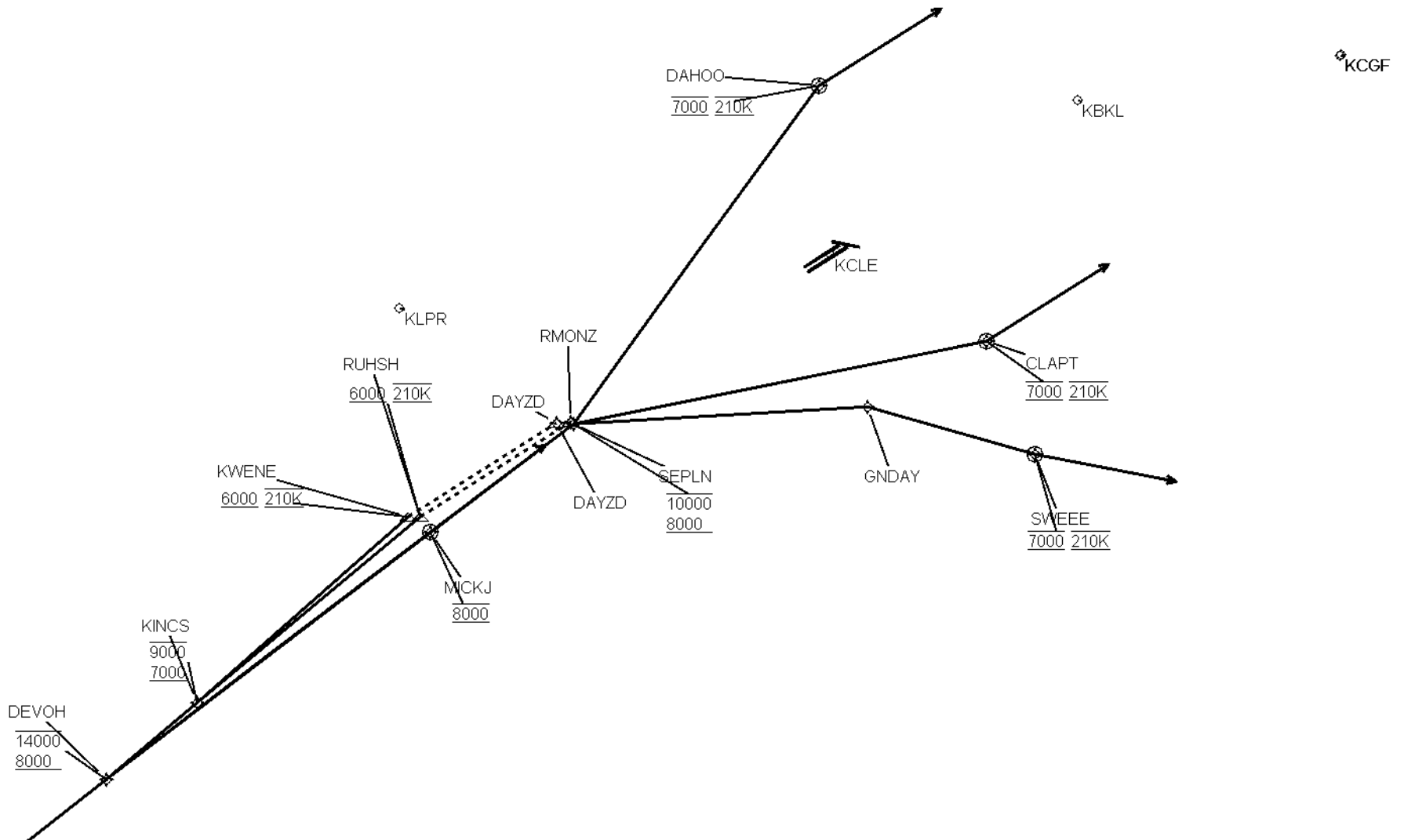
1. AIRPORT NAME CHANGE



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<b>Graphic Depiction 1</b>					

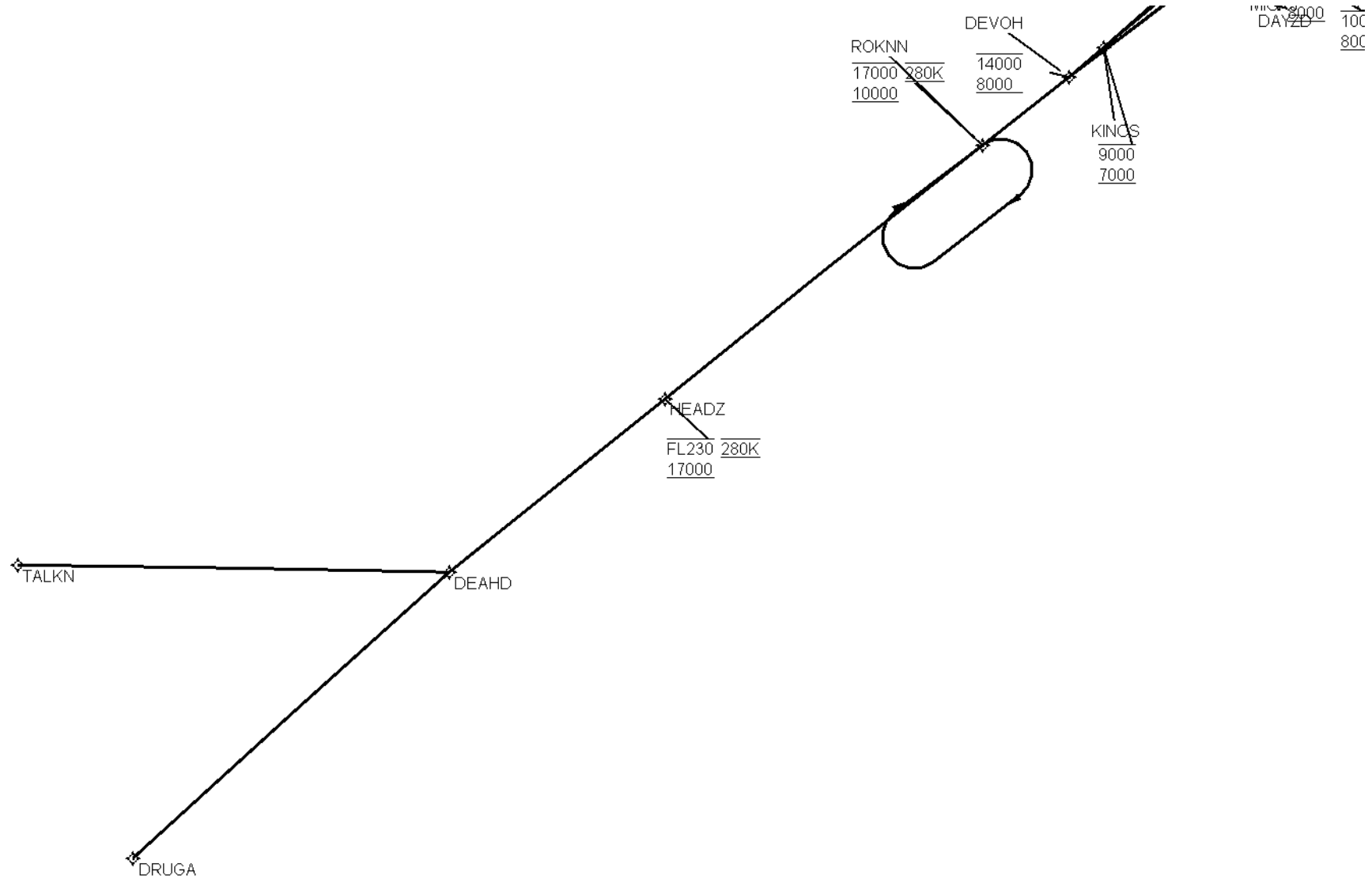


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**Graphic Depiction 2**



FEDERAL AVIATION ADMINISTRATION  
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STAR (DATA RECORD)

Arrival Name ROKNN (RNAV)		Number THREE		STAR Computer Code ROKNN.ROKNN3		Superseded Number TWO		Dated 10/10/2019	Effective Date 26 MAR 2020
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
DRUGA	394116.70N / 0835948.61W	Y		IF					DRUGA.ROKNN3
DEAHD	401054.17N / 0832649.43W	Y	FB	TF	040.43	38.99			
HEADZ	402910.99N / 0830355.31W	Y	FB	TF	043.67	25.31	17000BFL230	AT 280K	
ROKNN	405552.34N / 0823014.16W	Y	FB	TF	043.66	36.98	10000B17000	AT 280K	
En Route Transition									
TALKN	400604.49N / 0841833.13W	Y		IF					TALKN.ROKNN3
DEAHD	401054.17N / 0832649.43W	Y	FB	TF	082.79	39.96			
HEADZ	402910.99N / 0830355.31W	Y	FB	TF	043.67	25.31	17000BFL230	AT 280K	
ROKNN	405552.34N / 0823014.16W	Y	FB	TF	043.66	36.98	10000B17000	AT 280K	
Common Route									
ROKNN	405552.34N / 0823014.16W	Y		IF			10000B17000	AT 280K	ROKNN.ROKNN3
DEVOH	410303.73N / 0822103.41W	Y	FB	TF	044.00	10.00	8000B14000		
Common Route									
ROKNN	405552.34N / 0823014.16W	Y		IF			10000B17000	AT 280K	ROKNN.ROKNN3
DEVOH	410303.73N / 0822103.41W	Y	FB	TF	044.00	10.00	8000B14000		
MICKJ	411305.78N / 0820746.97W	Y	FO	TF	044.93	14.18	AT 8000		
KBKL,KCGF,KLNN, KLPR				FM	044.93				
Runway Transition									
DEVOH	410303.73N / 0822103.41W	Y		IF			8000B14000		
KINCS	410608.29N / 0821723.91W	Y	FB	TF	041.97	04.14	7000B9000		
KWENE	411330.51N / 0820853.51W	Y	FB	TF	041.05	09.77	AT/ABOVE 6000	AT 210K	
KCLE:RWY 6L									
QUALITY									



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Runway Transition									
DEVOH	410303.73N / 0822103.41W	Y		IF			8000B14000		
KINCS	410608.29N / 0821723.91W	Y	FB	TF	041.97	04.14	7000B9000		
RUHSH	411335.22N / 0820820.78W	Y	FB	TF	042.51	10.11	AT/ABOVE 6000	AT 210K	
KCLE:RWY 6R									
Runway Transition									
DEVOH	410303.73N / 0822103.41W	Y		IF			8000B14000		
SEPLN	411730.33N / 0820155.89W	Y	FB	TF	044.91	20.42	8000B10000		
CLAPT	412220.63N / 0814332.22W	Y	FO	TF	070.66	14.68	AT 7000	AT 210K	
KCLE:RWY 24L				VM	050.00				
Runway Transition									
DEVOH	410303.73N / 0822103.41W	Y		IF			8000B14000		
SEPLN	411730.33N / 0820155.89W	Y	FB	TF	044.91	20.42	8000B10000		
DAHOO	413018.29N / 0815253.13W	Y	FO	TF	027.97	14.49	AT 7000	AT 210K	
KCLE:RWY 24R				VM	050.00				
Runway Transition									
DEVOH	410303.73N / 0822103.41W	Y		IF			8000B14000		
SEPLN	411730.33N / 0820155.89W	Y	FB	TF	044.91	20.42	8000B10000		
GNDAY	411931.94N / 0814835.92W	Y	FB	TF	078.53	10.25			
SWEEE	411842.74N / 0814035.88W	Y	FO	TF	097.70	06.08	AT 7000	AT 210K	
KCLE:RWY 28				VM	093.00				

