

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
ROLLN (RNAV)	TWO	ROLLN.ROLLN2	ONE	05/24/2018	10 OCT 2019

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
JANYS	JANYS.ROLLN2	JANYS	JANYS						
			JPLIN	018.49	35.21	10000	2600		
			GEDDY	018.08	11.04	10000	2700		BETWEEN 17000 AND FL230
			ROLLN	018.09	21.01	9000	2700		BETWEEN 11000 AND 17000

ARRIVAL ROUTE DESCRIPTION:

KCLE: FROM ROLLN ON TRACK 009.79/10.21 TO CROSS STOHN BETWEEN 9000 AND 14000.

LANDING KCLE RWY 6L/R: FROM STOHN ON TRACK 312.10/3.16 TO CROSS LVISS BETWEEN 8000 AND 9000, THEN ON TRACK 312.06/6.29 TO CROSS NIXXS AT 6000, THEN ON TRACK 311.58/4.00 TO CROSS GROHL AT 6000 AND AT 210 KIAS, THEN ON HEADING 236.00 OR AS ASSIGNED BY ATC. EXPECT ILS, RNAV(RNP), OR RNAV (GPS) APPROACH FROM GROHL, OR RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KCLE RWY 24L/R: FROM STOHN ON TRACK 009.74/9.01 TO MEEAT, THEN ON TRACK 009.77/10.23 TO CROSS CLAPT AT 7000 AND AT 210 KIAS, THEN ON HEADING 056.00 OR AS ASSIGNED BY ATC. EXPECT RNAV(RNP) APPROACH FROM CLAPT OR RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KCLE RWY 28: FROM STOHN ON TRACK 009.74/9.01 TO MEEAT, THEN ON TRACK 028.98/7.07 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 KLPR/KLNN/KCGF/KBKL: FROM ROLLN ON TRACK 009.79/10.21 TO CROSS STOHN BETWEEN 9000 AND 14000, THEN ON TRACK 034.26/6.00 TO CROSS HENDX AT 9000, THEN ON TRACK 034.26. 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 ROLLN.

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

NOTE: CAUTION: PARACHUTE JUMPING 4 NM NNW OF ROLLN WAYPOINT, 3 NM RADIUS OF HILTY FIELD AIRPORT (OI68) AT OR BELOW 15000 (SR-SS).

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT ROLLN: HOLD S, RT, 018.09 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)
WILLOUGHBY LOST NATION MUNI, WILLOUGHBY, OH (KLNN)

LOST COMMUNICATIONS PROCEDURE:REMARKS:

OI68 CHARTED AS REFERENCE POINT FOR PARACHUTE OPERATIONS MENTIONED IN CHART NOTE.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
REFERENCE MAGNETIC VARIATION = KCLE 08W/2020
CHART AT HENDX TERMINUS: LDG KBKL, KCGF, KLNN, KLPR
CHART AT GROHL TERMINUS: KCLE LDG RWY 6L/R
CHART AT CLAPT TERMINUS: KCLE LDG RWY 24L/R
CHART AT SWEEE TERMINUS: KCLE LDG RWY 28
DO NOT CHART MOCA's.
CHART OI68 (HILTY FIELD AIRPORT)

FLIGHT INSPECTED BY:

BRYAN VEIT
Name

FICO
Organization

6/6/19
Date

Digitally signed by

JACOB POWERS

Jun 12, 2019

Signature

DEVELOPED BY:

MIKE FERRELL
Name

CLEVELAND ARTCC METROPLEX LEAD
Organization

04/08/2019
Date

Digitally signed by

JACOB POWERS

Jun 12, 2019

Signature

APPROVED BY:

PAT MULQUEEN
Name

AJV-A440
Organization

Date

Digitally signed by

JACOB POWERS

Jun 12, 2019

Signature

CHANGES:

1. CHANGED ROLLN MEA FROM 10000 TO 9000.
2. ADD 280K RESTRICION AT ROLLN.
3. ADD MEEAT WP TO RWY 28 TRANSITION.

QUALITY
14
CHECKED

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4. MODIFIED KCLE LANDING SOUTH NOTE: ADDED "NO LATER THAN ROLLN."
5. MODIFIED KCLE LANDING NORTH NOTE: ADDED "NO LATER THAN ROLLN."
6. MODIFIED KCLE RWY 6L/R ARRIVAL ROUTE DESCRIPTION: ADDED "EXPECT ILS, RNAV(RNP), OR RNAV (GPS) APPROACH FROM GROHL."
7. MODIFIED KCLE RWY 24L/R ARRIVAL ROUTE DESCRIPTION: ADDED "EXPECT RNAV(RNP) APPROACH FROM CLAPT."
8. ADDED CHART NOTE: CAUTION: PARACHUTE JUMPING 4 NM NNW OF ROLLN WAYPOINT, 3 NM RADIUS OF HILTY FIELD AIRPORT (OI68) AT OR BELOW 15000 (SR-SS).
9. CHARTED OI68 AIRPORT.
10. REMOVED RECOMMENDED NAVAID.

REASONS:

1. COMPLY WITH LETTERS OF AGREEMENT.
2. REDUCE PILOT-CONTROLLER VERBIAGE.
3. DECONFLICT FROM OTHER PROCEDURES.
- 4-5. IMPROVE CONSISTENCY AND CLARITY.
- 6-7. BETTER INFORM FLIGHT CREWS OF APPROACH TO EXPECT.
- 8-9. ALERT PILOTS OF PARACHUTE ACTIVITY.
10. IAW MEMO 266 DATED 07/18/2018.

QUALITY
14
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FEDERAL AVIATION ADMINISTRATION
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STAR (DATA RECORD)

Arrival Name ROLLN (RNAV)		Number TWO		STAR Computer Code ROLLN.ROLLN2		Superseded Number ONE		Dated 05/24/2018	Effective Date 10 OCT 2019
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
JANYS	394639.94N / 0820031.08W	Y		IF					JANYS.ROLLN2
JPLIN	402118.57N / 0815207.80W	Y	FB	TF	010.49	35.21			
GEDDY	403211.21N / 0814935.66W	Y	FB	TF	010.08	11.04	17000BFL230	AT 280K	
ROLLN	405253.15N / 0814444.34W	Y	FB	TF	010.09	21.01	11000B17000	AT 280K	
Common Route									
ROLLN	405253.15N / 0814444.34W	Y		IF			11000B17000	AT 280K	ROLLN.ROLLN2
STOHN	410305.79N / 0814419.06W	Y	FB	TF	001.79	10.21	9000B14000		
Common Route									
ROLLN	405253.15N / 0814444.34W	Y		IF			11000B17000	AT 280K	ROLLN.ROLLN2
STOHN	410305.79N / 0814419.06W	Y	FB	TF	001.79	10.21	9000B14000		
HENDX	410828.77N / 0814048.24W	Y	FO	TF	026.26	06.00	AT 9000		
KBKL,KCGF,KLNN, KLPR				FM	026.26				
Runway Transition									
STOHN	410305.79N / 0814419.06W	Y		IF			9000B14000		
LVISS	410452.26N / 0814747.00W	Y	FB	TF	304.10	03.16	8000B9000		
NIXXS	410823.56N / 0815440.80W	Y	FB	TF	304.06	06.29	AT 6000		
GROHL	411036.32N / 0815905.68W	Y	FO	TF	303.58	04.00	AT 6000	AT 210K	
KCLE:RWY 6L,RWY 6R				VM	228.00				
Runway Transition									
STOHN	410305.79N / 0814419.06W	Y		IF			9000B14000		
MEEAT	411206.69N / 0814357.36W	Y	FB	TF	001.74	09.01			



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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
CLAPT	412220.63N / 0814332.22W	Y	FO	TF	001.77	10.23	AT 7000	AT 210K	
KCLE:RWY 24L,RWY 24R				VM	048.00				
Runway Transition									
STOHN	410305.79N / 0814419.06W	Y		IF			9000B14000		
MEEAT	411206.69N / 0814357.36W	Y	FB	TF	001.74	09.01			
SWEEE	411842.74N / 0814035.88W	Y	FO	TF	020.98	07.07	AT 7000	AT 210K	
KCLE:RWY 28				VM	093.00				

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