

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
TRYBE (RNAV)	ONE	TRYBE.TRYBE1	NONE		

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Mag Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
THOME	THOME.TRYBE1	THOME	THOME						
			BEELL	258.89	60.98	10000	4600		AT/ABOVE FL240
			LFTON	258.24	21.51	10000	3800		BETWEEN 17000 AND FL230
			HFNER	257.99	08.03	10000	2500		AT/ABOVE 16000
			TRYBE	257.71	18.20	10000	2700		BETWEEN 10000 AND FL190
UPPRR	UPPRR.TRYBE1	UPPRR	UPPRR						AT/ABOVE FL240
			DECRR	299.77	26.47	10000	3100		BETWEEN 16000 AND FL230
			TRYBE	299.32	18.20	10000	2700		BETWEEN 10000 AND FL190

ARRIVAL ROUTE DESCRIPTION:

KCLE: FROM TRYBE ON TRACK 274.91/10.00 TO NAGGY.

LANDING KCLE RWY 06R/L: FROM NAGGY ON TRACK 267.23/14.21 TO CROSS CLVTO BETWEEN 8000 AND 10000, THEN ON TRACK 237.78/10.86 TO CROSS JAAIN AT 7000 AND AT 210 KIAS, THEN ON HEADING 237.78 OR AS ASSIGNED BY ATC. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KCLE RWY 24L: FROM NAGGY ON TRACK 274.76/6.58 TO CROSS BUDRW AT 6000 AND AT 240 KIAS. EXPECT ILS, RNAV (RNP), OR RNAV (GPS) APPROACH.

LANDING KCLE RWY 24R: FROM NAGGY ON TRACK 274.76/6.58 TO CROSS BUDRW AT 6000 AND AT 240 KIAS. EXPECT ILS, RNAV (RNP), OR RNAV (GPS) APPROACH.

LANDING KCLE RWY 28: FROM NAGGY ON TRACK 256.73/9.89 TO CROSS HARDR AT 6000 AND AT 210 KIAS. EXPECT ILS, RNAV (RNP), OR RNAV (GPS) APPROACH.

LANDING KBKL/KLNN/KCGF: FROM TRYBE ON TRACK 274.91/10.00 TO NAGGY, THEN ON TRACK 323.63/3.50 TO CROSS TOONZ AT 6000, THEN ON TRACK 320.00. 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: CLE LANDING SOUTH: USE RWY 24R TRANSITION, EXPECT RUNWAY ASSIGNMENT PRIOR TO TRYBE.

NOTE: CLE LANDING NORTH: USE RWY 6L TRANSITION, EXPECT RUNWAY ASSIGNMENT PRIOR TO TRYBE.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT DECRR: HOLD SE, LT, 299.77 INBOUND, 10 NM LEGS.

CHART HOLDING AT HFNER: HOLD E, RT, 257.99 INBOUND, 10 NM LEGS.

CHART HOLDING AT TRYBE: HOLD E, LT, 274.91 INBOUND, 10 NM LEGS.

COMMUNICATIONS:

CLEVELAND APP CON, CLE ATIS, BKL ATIS

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<b>TRYBE (RNAV)</b>	<b>ONE</b>	<b>TRYBE.TRYBE1</b>	<b>NONE</b>		

AIRPORTS SERVED:

CLEVELAND-HOPKINS INTL, CLEVELAND, OH (KCLE)  
BURKE LAKEFRONT, CLEVELAND, OH (KBKL)  
CUYAHOGA COUNTY, CLEVELAND, OH (KCGF)  
WILLOUGHBY LOST NATION MUNI, WILLOUGHBY, OH (KLNN)

LOST COMMUNICATIONS PROCEDURE:

REMARKS:

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)  
REFERENCE MAGNETIC VARIATION = KCLE 08W/2020  
CHART AT TOONZ TERMINUS: LDG KBKL, KCGF, KLNN  
CHART AT JAAIN TERMINUS: KCLE LDG RWY 6L/R  
CHART AT BUDRW TERMINUS: KCLE LDG RWY 24L/R  
CHART AT HARDR TERMINUS: KCLE LDG RWY 28  
DO NOT CHART MOCAs.

FLIGHT INSPECTED BY:

Name	Organization	Date	Signature
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DEVELOPED BY:

MIKE FERRELL	CLEVELAND ARTCC METROPLEX LEAD	30 AUG 2017	Signature
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APPROVED BY:

MARLON J. ROBINSON, MANAGER

Name	Organization	Date	Signature
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CHANGES:

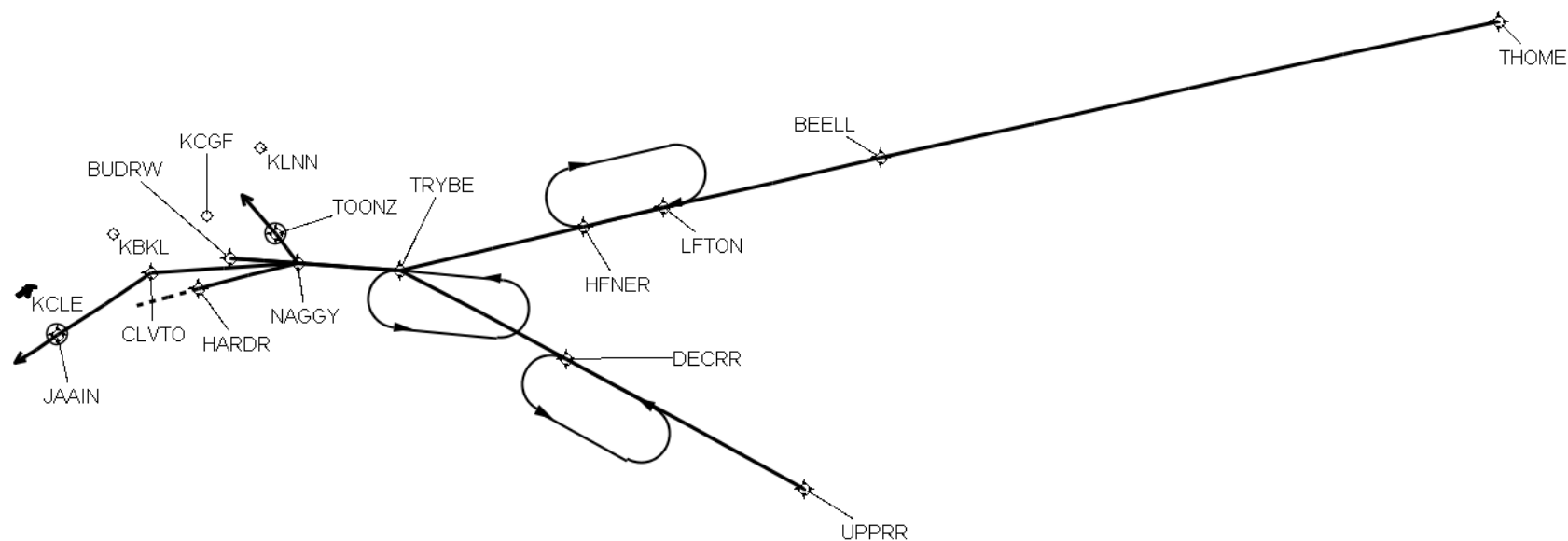
REASONS:



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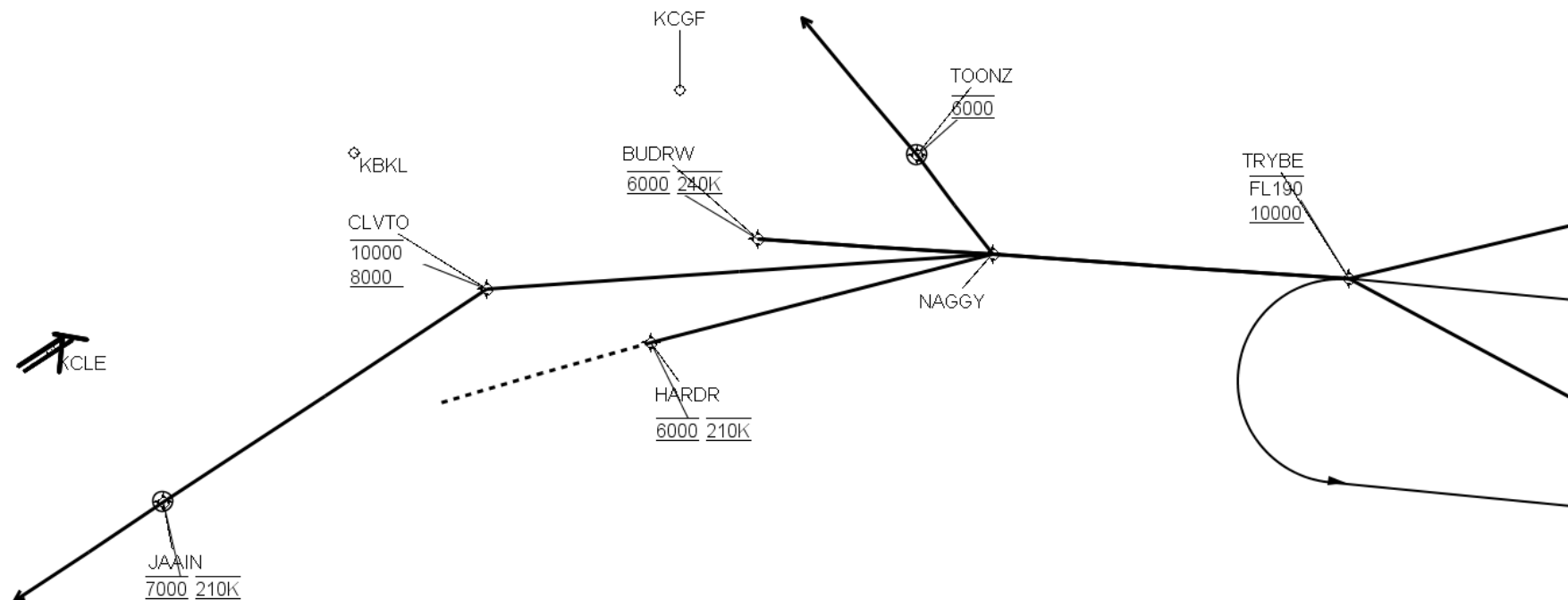
Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
TRYBE (RNAV)	ONE	TRYBE.TRYBE1	NONE		
Graphic Depiction 1					



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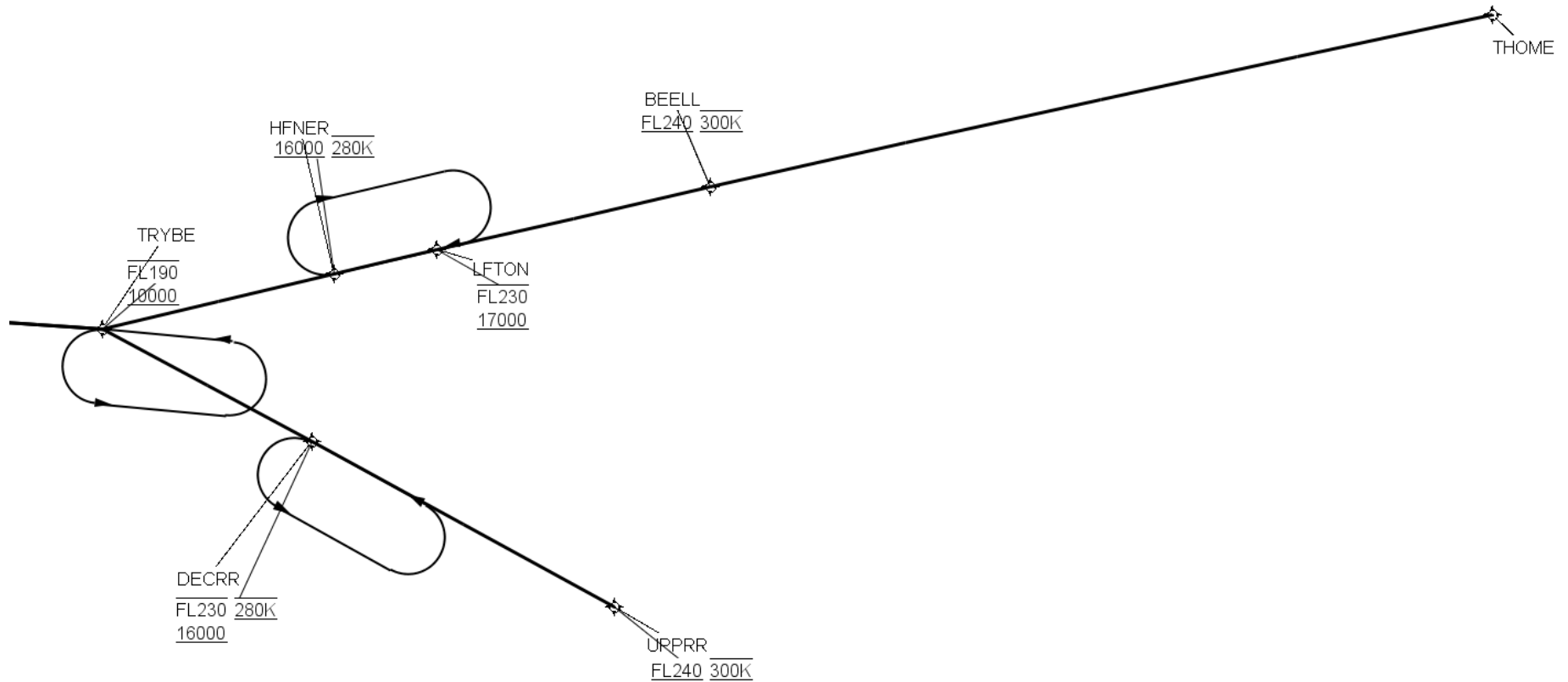
Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
TRYBE (RNAV)	ONE	TRYBE.TRYBE1	NONE		
Graphic Depiction 2					



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TRYBE (RNAV)	ONE	TRYBE.TRYBE1	NONE		
Graphic Depiction 3					



FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STAR (DATA RECORD)

Arrival Name TRYBE (RNAV)		Number ONE		STAR Computer Code TRYBE.TRYBE1		Superseded Number NONE		Dated	Effective Date
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
THOME	420748.39N / 0784644.88W	Y		IF					THOME.TRYBE1
BEELL	414724.20N / 0800346.32W	Y	FB	TF	250.89	60.98	AT/ABOVE FL240	AT 300K	
LFTON	414004.54N / 0803047.14W	Y	FB	TF	250.24	21.51	17000BFL230		
HFNER	413719.25N / 0804050.48W	Y	FB	TF	249.99	08.03	AT/ABOVE 16000	AT 280K	
TRYBE	413058.12N / 0810333.91W	Y	FB	TF	249.71	18.20	10000BFL190		
En Route Transition									
UPPRR	411438.65N / 0800819.79W	Y		IF			AT/ABOVE FL240	AT 300K	UPPRR.TRYBE1
DECRR	412423.19N / 0804059.71W	Y	FB	TF	291.77	26.47	16000BFL230	AT 280K	
TRYBE	413058.12N / 0810333.91W	Y	FB	TF	291.32	18.20	10000BFL190		
Common Route									
TRYBE	413058.12N / 0810333.91W	Y		IF			10000BFL190		TRYBE.TRYBE1
NAGGY	413024.98N / 0811651.34W	Y	FB	TF	266.91	10.00			
Common Route									
TRYBE	413058.12N / 0810333.91W	Y		IF			10000BFL190		TRYBE.TRYBE1
NAGGY	413024.98N / 0811651.34W	Y	FB	TF	266.91	10.00			
TOONZ	413255.12N / 0812006.94W	Y	FO	TF	315.63	03.50	AT 6000		
KBKL,KCGF,KLNN				FM	312.00				RECOMMENDED NAVAID: EWC VOR/DME
Runway Transition									
NAGGY	413024.98N / 0811651.34W	Y		IF					
CLVTO	412743.96N / 0813525.73W	Y	FB	TF	259.23	14.21	8000B10000		
JAAIN	412042.40N / 0814626.46W	Y	FO	TF	229.78	10.86	AT 7000	AT 210K	
KCLE:RWY 6L,RWY 6R				VM	229.78				

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Arrival Name TRYBE (RNAV)		Number ONE		STAR Computer Code TRYBE.TRYBE1		Superseded Number NONE		Dated	Effective Date
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
Runway Transition									
NAGGY	413024.98N / 0811651.34W	Y		IF					
BUDRW	413002.34N / 0812536.03W	Y	FB	TF	266.76	06.58	AT 6000	AT 240K	
KCLE:RWY 24L									
Runway Transition									
NAGGY	413024.98N / 0811651.34W	Y		IF					
BUDRW	413002.34N / 0812536.03W	Y	FB	TF	266.76	06.58	AT 6000	AT 240K	
KCLE:RWY 24R									
Runway Transition									
NAGGY	413024.98N / 0811651.34W	Y		IF					
HARDR	412649.09N / 0812906.34W	Y	FB	TF	248.73	09.89	AT 6000	AT 210K	
KCLE:RWY 28									