

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION NDB STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27										Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES										MISSED APPROACH											
FROM			TO			COURSE AND DISTANCE				ALTITUDE		MAP: LQL NDB									
CXR VOR/DME			LQL NDB			320.68 / 13.89				3000		CLIMB TO 3000 THEN RIGHT TURN DIRECT LQL NDB AND HOLD.									
										ADDITIONAL FLIGHT DATA: HOLD W, LT, 098.51 INBOUND. CHART FAS OBST: 1207 STACK 414014N/0812634W. CHART PLANVIEW NOTE: RADAR REQUIRED.											
1. PT <u>R</u> SIDE OF COURSE <u>278.51</u> OUTBOUND <u>3000</u> FT WITHIN <u>10</u> MILES OF <u>LQL NDB</u> (IAF)																					
2.																					
3. FAC <u>098.51</u> FAF										DIST FAF TO MAP THLD											
4. MIN. ALT																					
8. MSA FROM: <u>LQL NDB 060-240 3100, 240-060 2700</u>										MAG VAR: <u>8W</u> EPOCH YEAR: <u>1995</u>											
MINIMUMS																					
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N		A		X							
CATEGORY =====>		A			B			C			D			E							
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA						
S-10	1700	1 1/4	1075	1700	1 1/2	1075	1700	3	1075		NA										
CIRCLING	1700	1 1/4	1074	1700	1 1/2	1074	1700	3	1074		NA										
NOTES:																					
CHART NOTE: RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.																					
CITY AND STATE WILLOUGHBY, OH				ELEVATION: 626 TDZE: 625 AIRPORT NAME: WILLOUGHBY LOST NATION MUNI				FACILITY IDENTIFIER: LQL		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 10, AMDT 10A, 05/24/2018						SUP AMDT 10 DATE 11/20/2008					



ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE <div>05/24/2018</div>	
COORDINATED WITH:					
ATA <div><input checked="" type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>		ALPA <div><input checked="" type="checkbox"/></div>	
APA <div><input type="checkbox"/></div>		AOPA <div><input checked="" type="checkbox"/></div>		NBAA <div><input checked="" type="checkbox"/></div>	
OTHER (specify) <div>CLE APP CON, ZOB, AMGR</div>		<div>Digitally signed by</div>			
FLIGHT CHECKED BY <div>DION E LANCIA</div>					
NAME: FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-333) MEMO, DEC 22, 2017		Jan 04, 2018		FIFO	DATE:
DEVELOPED BY					
NAME: Digitally signed by RUSSELL ROSLEWSKI		RUSS ROSLEWSKI		FIFO AJV-5423	DATE: 12/05/2017
Dec 28, 2017					
APPROVED BY					
NAME: JULIE A. MORGAN		Digitally signed by DION E LANCIA		FIFO AJV-5420	DATE:
MANAGER					
CHANGES: Jan 04, 2018					
1. CHANGED ALTIMETER SOURCE FROM BKL TO LNN 2. MOVED BACKUP ALTIMETER SOURCE NOTE TO BACK OF 8260-9 3. ADDED RUNWAY AND VISIBILITY VALUE TO HELICOPTER NOTE 4. ADDED RADAR REQUIRED NOTE					
REASONS:					
1. LNN NOW HAS AN AWOS-3PT 2. 3. CURRENT 8260.19H DOCUMENTATION POLICY 4. FPT REQUEST DUE TO CANCELLATION OF AIRWAYS AT CXR VOR/DME					



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: PRECIPITOUS TERRAIN EVALUATION COMPLETED. FOR CONTINGENCY BACKUP ALTIMETER USE ONLY: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BURKE LAKEFRONT ALTIMETER SETTING AND INCREASE ALL MDAS 20 FEET. KLNN NOW HAS AN ON-FIELD AWOS-3PT. THE PREVIOUS AMENDMENT HAD AN ADJUSTMENT FOR THE PRIMARY REMOTE ALTIMETER OF 45 FEET. USING KLNN AS THE PRIMARY WOULD ELIMINATE THIS ADJUSTMENT, ALLOWING A LOWER MDA. HOWEVER, THIS PROCEDURE IS AN ABBREVIATED AMENDMENT IN SUPPORT OF THE CLE/DET METROPLEX PROJECT AND MUST REMAIN AN ABBREVIATED AMENDMENT - THEREFORE THE MDA CANNOT BE LOWERED. SINCE THE NEW MDA WOULD BE 1660, USING THE NEW SECONDARY ALTIMETER SOURCE RESULTS IN AN INCREASE TO 1720, OR THE 20 FOOT INCREASE SPECIFIED IN THE CONTINGENCY NOTE. THIS HAS BEEN CLEARED WITH AJV-5 QC MANAGEMENT. RADAR IS REQUIRED FOR PROCEDURE ENTRY DUE TO CANCELLATION OF ALL AIRWAYS AT CXR VOR/DME. FPT REQUESTED THE FEEDER REMAIN IN PLACE AND THE NOTE. 2. KLNN AWOS-3PT HRS OPTN: 24 3. KLNN AWOS-3PT AND KBKL ASOS BOTH ON WMSCR. "VISUAL PORTION OF FINAL" PENETRATIONS: 34:1 707 TREE (39-069276) 414054.04N-0812417.02W (20.13) 712 TREE (39-028952) 414055.33N-0812420.97W (16.28) 717 TREE (39-028953) 414053.97N-0812423.26W (16.21) 714 TREE (39-028954) 414051.79N-0812427.64W (3.49) 643 BLDG (39-024213) 414054.83N-0812357.05W (0.66) VGSI DATA: 3.50/47.1 NO ADDITIONAL AIRSPACE REQUIRED. RASS PRESSURE PATTERNS THE SAME KLNN 625.7, KBKL 583.5 RA = 43.93. XP93 IN FINAL USED TO MAINTAIN PREVIOUS MDA	
1. COMMUNICATIONS WITH:			2. WEATHER SERVICE			3. ALTIMETER SETTING					
CLE APP CON				N W S	OTHER: AWOS-3PT		SOURCE:KLNN / KBKL				
				F A A			DISTANCE: 0 / 16.53				
				A / C			HOURS REMOTE OPERATION: 24/YES / 24/YES				
SATISFACTORY ON:						LOCATION: KLNN					ADJUSTMENT: 0 / 44
X	V H F	X	U H F		H F						
4. MONITOR STATUS	PRIMARY NAVAID: LQL NDB										
	MONITOR POINT: AIRPORT MANAGER'S OFFICE										
	HRS OPTN:	CAT 1									
			CAT 3	24							
5. APPROACH & RUNWAY LIGHTING		ALS									
		(S) SALS									
		MALS									
		HIRL									
	X	MIRL 05 (PCL), 10 (PCL), 23 (PCL), 28 (PCL)									
	X	REIL 05 (PCL), 10 (PCL), 23 (PCL), 28 (PCL)									
		TDZ									
		C/LINE									
	X	OTHER (SPECIFY) PAPI-4R 05 (PCL) PAPI-2L 10 (PCL), 28 (PCL) PAPI-4L 23 (PCL)									
6. RUNWAY MARKINGS		BASIC									
		ALL WEATHER									
		INSTRUMENT NPI-G 05, 23; -F 10, 28									
7. RUNWAY VISUAL RANGE		APPROACH									
		MIDFIELD									
		ROLL OUT									
8. GLIDE PATH		GP ANGLE:				ELEV RWY THRESHOLD:					
		DISTANCE FROM RWY:				ELEV GP ANTENNA:					
						THRESHOLD CROSSING HEIGHT:					
9. FINAL APPROACH COURSE AIMING		X	RUNWAY THRESHOLD						FT. FROM THRESHOLD		
		X	ON CENTERLINE						FT. FROM CENTERLINE		
10. WAIVERS: NONE											
PART D - PREPARED BY: RUSS ROSLEWSKI						DATE: 12/05/2017					
TITLE: AERONAUTICAL INFORMATION SPECIALIST						OFFICE: AJV-5423					

