FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

Bearings, headings, courses, tracks 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 feet RVR.

AIRPORT ID	PROCEDURE NAME		ORIGINAL/AMENDMENT		CITY	STATE
LWC	ILS OR LOC RWY 33		1D		LAWRENCE	KS
AIRPORT ELEVATION	**TDZE**	**SUPERSEDED**	**ORIGINAL/AMENDMENT**	**DATED**	**MAG VAR**	**EPOCH YEAR**
833	831	ILS OR LOC RWY 33	1C	03/25/2021	4E	2005
FACILITY	**COORDINATES OF FACILITIES**		**ACTUAL EFFECTIVE DATE**	**REQUIRED EFFECTIVE DATE**	**CANCEL/SUSPEND**	
I-JZM			2 OCTOBER 2025	ROUTINE		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RUGBB INT/TOP 20.83 DME		NEWBN LOM					184.47	5.61	3100
TOP VORTAC		NEWBN LOM					121.69	22.82	3100

MISSED APPROACH

MAP:
ILS: DA
LOC: 6.05 NM AFTER NEWBN LOM

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3100 DIRECT NEWBN LOM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** L **SIDE OF COURSE** 149.47 **OUTBOUND** 3100 **FT WITHIN** 10 **MILES OF** NEWBN LOM (IAF)
2.
3. **FAC:** 329.47 **FAF:** NEWBN LOM **DIST FAF TO MAP:** 6.05 **DIST FAF TO THLD:** 6.05
4. **MIN ALT:** NEWBN LOM 2900
5. **DIST TO THLD FROM OM:** 6.05 **MM:** **IM:** **150 HAT:** **GS ANT:** 1000
6. **MIN GS INCPT:** 2900 **GS ALT AT PFAF:** NEWBN LOM **OM:** 2843 **MM:** **IM:**
7. **GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 55.7
8. **MSA FROM:** NEWBN LOM 3100

EQUIPMENT REQUIREMENTS NOTES:

ADF REQUIRED.

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TOP ALTIMETER SETTING AND INCREASE DA TO 1083 FEET; INCREASE ALL MDAS 60 FEET AND S-LOC 33 AND CIRCLING VISIBILITY CAT C 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 330.21 INBOUND.
CHART FAS OBST: 999 TREE 385630N/0951059W.
CHART 2048 TOWER 385346N/0951030W.

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☒

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-ILS 33	1031	1/2	200	1031	1/2	200	1031	1/2	200		NA				
S-LOC 33	1260	1/2	429	1260	1/2	429	1260	3/4	429		NA				
CIRCLING	1420	1	587	1480	1	647	1620	2 1/4	787		NA				

CHANGES - REASONS

1. EQUIPMENT REQUIREMENTS NOTE: ADDED "ADF REQUIRED" AND DELETED NOTE FROM PLANVIEW - PER CRITERIA 8260.19J 8-6-9 (2) (B).
2. NOTES: DELETED PROFILE NOTE "VGSI AND ILS GLIDEPATH NOT COINCIDENT" - UPDATED TCH PER AIR NAV DATA, VGSI IS NOW COINCIDENT.
3. CHANGED CHART NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PHILIP BILLARD MUNI ALTIMETER SETTING AND INCREASE DA TO 1083 FEET; INCREASE ALL MDAS 60 FEET AND VISIBILITY CAT C 1/4 SM" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TOP ALTIMETER SETTING AND INCREASE DA TO 1083 FEET; INCREASE ALL MDAS 60 FEET AND S-LOC 33 AND CIRCLING VISIBILITY CAT C 1/4 SM" - PER 8260.19J, PARA 8-6-10 E. (2)(A) FORMATTING.
4. MINIMUMS: ALTERNATE MINS CHANGED FROM "ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT C 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "NA" - MISSED APPROACH CLEARANCE LIMIT NAVIAD IS UNMONITORED.

QUALITY
37
CHECKED

COORDINATED WITH:

A4A [ ]   ALPA [X]   AOPA [X]   APA [ ]   HAI [ ]   NBAA [X]   **OTHER:** ZKC, AMGR, KS AERO, ICT FSS

		OFFICE	DATE	
FLIGHT CHECKED BY PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION	*Digitally signed by* ***CASEY D HILL*** Jul 15, 2025			
DEVELOPED BY TRAVIS BRISTOW	*Digitally signed by* ***CASEY D HILL*** Jul 14, 2025	**OFFICE** AJV-A421	**DATE** 05/06/2025	
APPROVED BY DAVID DANNER	*Digitally signed by* ***CASEY D HILL*** Jul 14, 2025	**OFFICE** AJV-A421	**DATE**	**TITLE** MANAGER

QUALITY
37
CHECKED