

**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.

<u>AIRPORT ID</u> LAN	<u>PROCEDURE NAME</u> ILS OR LOC RWY 10R	<u>ORIGINAL/AMENDMENT</u> 11C	<u>CITY</u> LANSING	<u>STATE</u> MI
<u>AIRPORT ELEVATION</u> 861	<u>TDZE</u> 861	<u>SUPERSEDED</u> ILS OR LOC RWY 10R	<u>ORIGINAL/AMENDMENT</u> 11B	<u>DATED</u> 02/01/2018
<u>FACILITY</u> I-CPQ	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 27 NOVEMBER 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 5W
				<u>EPOCH YEAR</u> 1985
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
UNSUB/VIO 18.53 DME	IAF	PETKE/RADAR					050.00 & 095.61 (I-CPQ)	2.49 & 8.84	2500
PETKE/RADAR	IF	FAMLI OM/RADAR					095.61 (I-CPQ)	6.10	2400

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.50 NM AFTER FAMLI OM/RADAR

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 2700 ON HEADING 070 AND ON FNT VORTAC R-257 TO ERRYS INT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)				
2. PROFILE STARTS AT PETKE/RADAR									
3. FAC: 095.60	FAF: FAMLI OM/RADAR								
4. MIN ALT: PETKE/RADAR 2500, FAMLI OM/RADAR 2400									
5. DIST TO THLD FROM OM: MM:	IM:	150 HAT:		GS ANT: 1160					
6. MIN GS INCPT: 2400	GS ALT AT PFAF:			OM: 2348	MM:		IM:		
7. GS ANGLE: 3.00	34:1:	20:1:	TCH: 56.1						
8. MSA FROM: KLAN 3000									



EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED

NOTES:

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: RWY 10R HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 10R ALL CATS TO RVR 4500 AND S-LOC 10R CATS A/B TO RVR 5500 AND CATS C/D TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

CHART VIO R-100 AT UNSUN.
HOLD E, RT, 256.70 INBOUND.
FAS OBST: 1070 AAO 424642N/0844057W.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT D 900-3

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 10R	1153	4000	292	1153	4000	292	1153	4000	292	1153	4000	292			
S-LOC 10R	1340	4000	479	1340	4000	479	1340	5000	479	1340	5000	479			
CIRCLING	1340	1	479	1340	1	479	1600	2	739	1760	3	899			

CHANGES - REASONS

- IN MINIMUMS, CHANGED ILS DA/HAT/VIS FROM "1061/200/RVR 2400" TO "1153/292/RVR 4000" - DUE TO NEW MISSED APPROACH & 34:1 SURFACE PENETRATION, CLEARING NOTAM FDC 5/5718.
- IN MINIMUMS, CHANGED S-LOC VISIBILITY FOR CAT A/B FROM "RVR 2400" TO "RVR 4000" - DUE TO 34:1 SURFACE PENETRATIONS.
- IN MINIMUMS, CHANGED CIRCLING CATS A, B MDA/HAT FROM "1380/519" TO "1340/479" - NEW CONTROLLING OBSTACLES VERIFIED BY FLIGHT CHECK EVALUATION.
- CHANGED FAS OBSTACLE FROM: "1080 AAO 424626N/0844132W" TO "1070 AAO 424642N/0844057W"- DUE TO NEW CONTROLLING OBSTACLE.
- IN PROFILE, CHANGED FAC FROM "095.61" TO "095.60"- CURRENT COURSE IN AIRNAV.
- ADDED " CHART NOTE: RWY 10R HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED." - 34:1 PENETRATIONS IDENTIFIED.
- IN ADDITIONAL FLIGHT DATA, REMOVED "CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA." - NO LONGER QUALIFIES PER 8400.13F, SINCE THE HAT IS ABOVE 200.
- IN ADDITIONAL FLIGHT DATA, REMOVED "CHART: ASR" NOTE - REMOVED FROM CRITERIA IN 8260.19I.
- IN PROFILE, CHANGED OM FROM "2367" TO "2348"- UPDATED CALCULATION USING GS/TCH VALUES FROM AIRNAV.
- REMOVED "CHART PLANVIEW NOTE: RADAR REQUIRED" AND IN EQUIPMENT REQUIREMENTS NOTES, ADDED "RADAR REQUIRED" - IAW 8260.19J PARA 8-2-5.
- IN NOTES, ADDED "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 10R ALL CATS TO RVR 4500 AND S-LOC 10R CATS A/B TO RVR 5500 AND CATS C/D TO 1 3/8 SM." - PER 8260.3F TABLE 3-3-1 AND INOPERATIVE COMPONENTS OR VISUAL AIDS TABLE.
- IN ADDITIONAL FLIGHT DATA, REMOVED "CHART CIRCLING ICON." - IAW "REMOVAL OF CIRCLING ICONS" MEMO DATED 5/17/2025.



COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

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HAI

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NBAA

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OTHER: ZOB, LAN APP CON, LAN ATCT, AMGR

FLIGHT CHECKED BY

SHAWN D MAXWELL

Digitally signed by

ALLAN WILL

Sep 12, 2025

OFFICE

AJF

DATE

07/25/2025

Digitally signed by

ALLAN WILL

Sep 12, 2025

OFFICE

AJV-A33

DATE

05/06/2025

DEVELOPED BY

ALLAN WILL (TEVAR MALONE)

Digitally signed by

ALLAN WILL

Sep 12, 2025

OFFICE

AJV-A33

DATE

TITLE

MANAGER

APPROVED BY

KYLE THOMPSON

