

**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> KJLN	<u>PROCEDURE NAME</u> ILS OR LOC/NDB RWY 13	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> JOPLIN	<u>STATE</u> MO		
<u>AIRPORT ELEVATION</u> 978	<u>TDZE</u> 970	<u>SUPERSEDED</u> ILS OR LOC/NDB RWY 13	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 08/17/2017	<u>MAG VAR</u> 4E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> I-JLN	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 2 DECEMBER 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
QUALM/SGF 45.57 DME		LUNNS LOM					257.03	13.76	2700
JIBLI INT	IAF	HOTCH INT	NOPT				133.97	3.43 (I-JLN)	3100
OSW VOR/DME	IAF	HOTCH INT	NOPT				060.50	26.49	3100
HOTCH INT	IF	LUNNS LOM					133.97	9.30 (I-JLN)	2200

MISSED APPROACH

MAP:

ILS: DA
LOC: 3.73 NM AFTER LUNNS LOM

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3100 ON I-JLN LOC LOCALIZER COURSE SE TO HOVIL/RADAR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 2500 ON I-JLN LOC LOCALIZER COURSE SE THEN CLIMBING RIGHT TURN TO 3100 ON BRG-152 TO LUNNS LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3100. (ADF REQUIRED)

PROFILE:

1. PT	R	SIDE OF COURSE	313.97	OUTBOUND	2700	FT WITHIN	10	MILES OF	LUNNS LOM (IAF)
2.									
3. FAC:	133.97	FAF: LUNNS LOM				DIST FAF TO MAP: 3.73		DIST FAF TO THLD: 3.73	
4. MIN ALT:	LUNNS LOM 2200								
5. DIST TO THLD FROM OM:	3.73	MM:	IM:	150 HAT:	GS ANT: 649				
6. MIN GS INCPT:	2200	GS ALT AT FAF :				OM: 2178		MM:	
7. GP ANGLE:	3.00	34:1:	20:1:	TCH:		40.4			
8. MSA FROM:	LUNNS LOM 3100								



EQUIPMENT REQUIREMENTS NOTES:

ADF REQUIRED FOR LOC ONLY.
RADAR REQUIRED.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OSW VOR/DME ON V307 SOUTHEAST BOUND.
CHART NOTE: MALSF (NSTD) 1368'.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
PT ENTRY MAX ALTITUDE:CHART: MAX 6000 AT LUNNS LOM
HOLD SE, RT, 313.98 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW LUNNS LOM, RT, 133.83 INBOUND.
CHART FAS OBST: 1049 TREE 370946N/0943059W.
1130 AAO 371154N/0943317W.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN TOWER CLOSED.; LOC: STANDARD - NA WHEN TOWER CLOSED.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-ILS 13	1170	4000	200	1170	4000	200	1170	4000	200	1170	4000	200			
S-LOC 13	1300	4000	330	1300	4000	330	1300	4000	330	1300	4000	330			
CIRCLING	1460	1	482	1500	1	522	1540	1 1/2	562	1580	2	602			



CHANGES - REASONS

1. DELETED CHART NOTE: CIRCLING RWY 5 NA AT NIGHT. RWY 5/23 HAS BEEN DECOMMISSIONED.
2. UPDATED AIRPORT ELEVATION FROM 981 TO 978 PER AIRNAV.
3. REMOVED TERMINAL ROUTE FROM EOS VOR/DME TO LUNNS LOM AND WADET/EOS VOR/DME 31.00 DME TO HOTCH - VORMON EOS FACILITY DECOM.
4. UPDATED TERMINAL ROUTES REMOVED NALLY DR SEGMENT - DID NOT MEET FIX DISPLACEMENT/LEG LENGTH REQUIREMENTS
5. UPDATED TERMINAL ROUTES HOTCH INT TO LUNNS LOM COURSE FROM 133.98 TO 133.97.
6. UPDATED PT COURSE FROM 313.98 TO 313.97 & LOWERED OUTBOUND ALT FROM 3100 TO 2700 - INVERSE OF FINAL COURSE & IAW 8260.3E; PT WITHIN 500FT OF PFAF ALT.
7. UPDATED FAC FROM 133.89 TO 133.97 - AIRNAV DATA
8. UPDATED LINE 6, MIN GS INCPT FROM 2192 TO 2178 - RECALCULATED
9. UPDATED MSA FROM JL LOM TO LUNNS LOM - OMNIDIRECTIONAL FACILITY NAME.
10. ADDED EQUIPMENT REQUIREMENT NOTE: ADF REQUIRED FOR LOC ONLY - FAF IS LOM.
11. ADDED EQUIPMENT REQUIREMENT NOTE: RADAR REQUIRED - EOS DECOM.
12. UPDATED TERMINAL ROUTE FROM QUALM TO LUNNS LOM, ADDED /SGF 45.57 DME, CHANGED COURSE FROM 257.24 TO 257.03 AND ALT FROM 3100 TO 2700 - EOS DECOM, QUALM NO LONGER AN INT, RECALCULATED COURSE/ALTITUDE.
13. PRIMARY MISSED APPROACH REMOVED INT FROM HOVIL ADDED RADAR - EOS DECOM.
14. ALTERNATE MISSED APPROACH, ADDED CLIMB IN HOLD INSTRUCTION AND ADF REQUIRED - CLIMB IN HOLD REQUIRED TO MEET HOLDING ALTITUDE, HOLDING IS OVER LOM.
15. UPDATED ALTERNATE MISSED HOLDING COURSE FROM 133.85 TO 133.83 - RECALCULATED COURSE.
16. UPDATED HAA CAT A FROM 479 TO 482 CAT B HAA FROM 519 TO 522, CAT C FROM 559 TO 662, CAT D CMDA/HAA FROM 1600/619 TO 1580/602- UPDATED AIRPORT ELEVATION & OBSTACLE EVALUATION.
17. UPDATED ILS AND LOC VISIBILITIES ALL CATS FROM 3/4 SM TO RVR 4000 -TDZE RVR AVAILABLE.
18. ADDITIONAL FLIGHT DATA ADDED PT ENTRY MAX ALTITUDE: CHART: MAX 6000 AT LUNNS LOM - IAW .3E 10-1-3B.
19. NOTES ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OSW VOR/DME ON V 307 SOUTHEAST BOUND. -TURNS EXCEED 120 DEGREES.
20. ADDITIONAL FLIGHT DATA ADDED 7:1 OBS: 1130 AAO 371154N/0943317W. - OBS EVALUATION.
21. UPDATED ALTERNATE MINIMA, CHANGED LOC FROM STANDARD TO STANDARD - NA WHEN TOWER CLOSED. IAW .19I 2-4-6D.
22. ADDED IAF JIBLI INT TO HOTCH INT - ATC REQUEST.

COORDINATED WITH:

AAA ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZKC, JLN ATCT, MKC FPO, AMGR, MO. ST. AERO, ATA

FLIGHT CHECKED BY

ROBERT RICHARDSON

Digitally signed by

JOHN BORDY

Oct 14, 2021

OFFICE

FPO

DATE

09/24/2021

DEVELOPED BY

HEIDI SNIDER

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Sep 09, 2021

OFFICE

AJV-A422

DATE

08/24/2021

APPROVED BY

MARLON ROBINSON

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Oct 14, 2021

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AJV-A420

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TITLE
MANAGER

