

**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> KLAS	<u>PROCEDURE NAME</u> ILS Z OR LOC Z RWY 26L	<u>ORIGINAL/AMENDMENT</u> 8	<u>CITY</u> LAS VEGAS	<u>STATE</u> NV		
<u>AIRPORT ELEVATION</u> 2181	<u>TDZE</u> 26L 2069 26R 2067	<u>SUPERSEDED</u> ILS OR LOC RWY 26L	<u>ORIGINAL/AMENDMENT</u> 7	<u>DATED</u> 02/25/2021	<u>MAG VAR</u> 11E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-RLE	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 OCTOBER 2023	<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>
DICSA INT/BLD 11.42 DME		BLD VORTAC					032.99	11.42	8000
PRINO/I-RLE 21.27 DME	IAF	LARRE INT/I-RLE 15.99 DME					258.95	5.28 (I-RLE)	6500
BLD VORTAC	IAF	LARRE INT/I-RLE 15.99 DME					001.06	4.85 (LAS LR-084)	6500
LARRE INT/I-RLE 15.99 DME	IF	SHAND/I-RLE 10.35 DME					258.95	5.65 (I-RLE)	4800
SHAND/I-RLE 10.35 DME		RELIN/I-RLE 7.21 DME					258.95	3.14 (I-RLE)	3800

MISSED APPROACH

MAP:

ILS: DA
LOC: I-RLE 1.90 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3200 THEN CLIMBING RIGHT TURN TO 6000 HEADING 080 AND ON BLD R-287 TO BLD VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 3100 THEN CLIMBING RIGHT TURN TO 7000 HEADING 084 AND ON LAS R-066 TO LAPIN/LAS 19.54 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000 .



AIRPORT ID

KLAS

PROCEDURE NAME

ILS Z OR LOC Z RWY 26L

ORIGINAL/AMENDMENT

8

CITY

LAS VEGAS

STATE

NV

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT PRINO

3. FAF:

258.95

FAF: RELIN/I-RLE 7.21 DME

DIST FAF TO MAP:

DIST FAF TO THLD: 5.31

4. MIN ALT: PRINO/I-RLE 21.27 DME 8000, LARRE INT/I-RLE 15.99 DME 6500, SHAND/I-RLE 10.35 DME 4800, RELIN/I-RLE 7.21 DME 3800

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT: 1125

6. MIN GS INCPT:

3800

GS ALT AT PFAF :

RELIN/I-RLE 7.21 DME 3800

OM:

MM:

IM:

7. GS ANGLE:

3.00

34:1:

20:1:

TCH:

60.0

8. MSA FROM: LAS VORTAC 030-120 6600, 120-210 8400, 210-300 12900, 300-030 10200

EQUIPMENT REQUIREMENTS NOTE:

DME REQUIRED.

NOTES:

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTES: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 26L AND SIDESTEP 26R. FOR INOPERATIVE ALS, INCREASE S-LOC 26L CAT C/D/E VISIBILITY TO 1 3/8 SM.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BLD VORTAC AIRWAY RADIALS 332 CW 016.

CHART SPEED ICON IN PLANVIEW AT PRINO: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART 3229 MONUMENT 360851N/1150920W.

CHART MANDATORY 8000 AT PRINO/I-RLE 21.27 DME.

CHART BLD 4,85 DME AT LARRE.

HOLD SE, RT, 330.00 INBOUND.

CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE LAPIN/LAS 19.54 DME, LT, 246.00 INBOUND.

CHART FAS OBST: 2100 TOWER (32-020009) 360417N/1150715W.

CHART VDP AT 3.11 DME.

DISTANCE VDP TO THLD 1.21 NM.

CHART IN PLANVIEW: LAPIN/LAS 19.54 DME.

MINIMUMS:

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

ALTERNATE: NA

ILS: STANDARD; LOC: CAT A, B 900-2, CAT C 1000-2 3/4, CAT D, E 1400-3

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 26L	2269	3/4	200	2269	3/4	200	2269	3/4	200	2269	3/4	200	2269	3/4	200
S-LOC 26L	2520	3/4	451	2520	3/4	451	2520	1	451	2520	1	451	2520	1	451
SIDESTEP 26R	2560	1	493	2560	1	493	2560	1 1/2	493	2560	2	493	2560	2	493
CIRCLING	3020	1 1/4	839	3060	1 1/4	879	3100	2 3/4	919	3540	3	1359	3540	3	1359



CHANGES - REASONS

1. CHANGED PROCEDURE NAME FROM ILS OR LOC RWY 26L TO ILS Z OR LOC Z RWY 26L. - DIFFERENTIATE BETWEEN THIS APPROACH AND THE ILS Y OR LOC Y 26L AT THIS AIRPORT.
2. CHANGED COURSE OF FEEDER BEGINNING AT DICSA FROM 33.00 TO 32.99. - NEW TARGETS CALCULATION.
3. CHANGED INTERMEDIATE FROM LARRE TO HUXAR TO SHAND TO LARRE TO SHAND. - ATC REQUEST.
4. DELETED PBN INTERMEDIATE BEGINNING AT BERBN ASSOCIATED FIXES BISHP, HOGOG, KODSE, AND HUXAR FROM PROCEDURE. - ILS OR LOC WITH PBN INTERMEDIATE HAS BEEN SPLIT OFF TO THE ILS Y OR LOC Y 26L AT THIS AIRPORT PER FLIGHT CHECK.
5. DELETED EQUIPMENT REQUIREMENTS NOTE: FROM BERBN: RNP APCH-GPS REQUIRED. - PBN SEGMENTS DELETED.
6. DIST FAF TO MAP REMOVED - WITH DME REQUIRED TIME/DISTANCE NO LONGER REQUIRED.
7. DELETED PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS. - PBN INTERMEDIATES DELETED.
8. DELETED PLANVIEW NOTE AT BERBN: MAX 210 KIAS - BERBN NO LONGER USED IN THIS PROCEDURE.
9. DELETED PLANVIEW NOTE AT HOGOG MAX 200 KIAS. - HOGOG NO LONGER USED ON THIS PROCEDURE.
10. ADDED SPEED ICON IN PLANVIEW AT PRINO: MAX 210 KIAS. - PER 8260.3E 2-2-9 C REFERENCE CHOWW AND RKSTR RNAV STARS..
11. DELETED PLANVIEW NOTE AT BERBN: CAT E AIRCRAFT NOT AUTHORIZED - BERBN REMOVED FROM PROCEDURE.
12. DELETED *LOC ONLY FROM ADDITIONAL FLIGHT DATA. - NO LONGER REQUIRED.
13. CHANGED FAS OBSTACLE ELEVATION FROM 2097 TO 2100. - NEW SURVEY.
14. CHANGED MSA SECTOR ALTITUDE, 030 - 120 FROM 6700 TO 6600 AND 210- 300 FROM 13200 TO 12900. - NEW TARGETS TERRAIN EVALUATION.
15. CHANGED BLD R-286 TO BLD R-287 IN PRIMARY MISSED APPROACH. - FACILITATE TARGETS CONSTRUCTION. (WITH R-286 CAT E END POINT FOR TURNING MISSED SUB SEGMENT FOR FLIGHT PATH CONSTRUCTION.)
16. CHANGED ON HEADING 080 AND BLD R-286 TO BLD VORTAC AND HOLD TO HEADING 080 AND ON BLD R-287 TO BLD VORTAC AND HOLD IN PRIMARY MISSED AND ON HEADING 083 AND LAS R-066 TO LAPIN INT AND HOLD TO HEADING 084 AND ON LAS R-066 TO LAPIN/LAS 19.54 DME AND HOLD IN ALTERNATE MISSED. - ON HEADING NO LONGER USED, LAPIN CHANGED ON THIS IAP FROM INT TO DME FIX AND HEADING CHANGE HAS INTERCEPT POINT PRIOR TO LAPIN.
17. INT/BLD ADDED TO DICSA. - MORE ACCURATELY REFLECT HOW FIXES ARE IDENTIFIED IN THIS IAP.
18. CHANGED LOC MAP FROM 5.31 NM AFTER RELIN/I-RLE 7.21 DME TO I-RLE 1.90 DME. - DME REQUIRED FOR THIS IAP.
19. DELETED CHART 2074 TREE 360427N/1150706W FROM ADDITIONAL FLIGHT DATA. - OBSTACLE NOTATION NOT REQUIRED,
20. VDP DME/DISTANCE TO THLD CHANGED FROM 3.05/1.15 TO 3.11/1.21 AND DELETED *. - NEW TARGETS CALCULATIONS AND * NO LONGER REQUIRED.
21. ADDED CHART BLD 4.85 DME AT LARRE TO ADDITIONAL FLIGHT DATA. - AID IN IDENTIFYING IF.
22. ADDED PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BLD VORTAC AIRWAY RADIALS 332 CW 016. - ELIMINATE ENTRY ANGLES GREATER THAN 120 DEGREES.
23. CHANGED ADDITIONAL FLIGHT DATA ENTRY FROM CHART IN PLANVIEW: LAPIN INT/LAS VORTAC 19.54 DME TO CHART IN PLANVIEW: LAPIN/19.54 DME - LAPIN CHANGED FROM INT TO DME ONLY FIX FOR THIS IAP.
24. CHANGED ADDITIONAL FLIGHT DATA ENTRY REFERENCE ALTERNATE MA HOLDING FIX DESCRIPTION FROM LAPIN INT/LAS VORTAC 19.54 DME TO LAPIN/LAS 19.54 DME - LAPIN DME FIX ONLY ON THIS PROCEDURE.
25. DELETED FROM ADDITIONAL FLIGHT DATA ENTRIES CHART MANDATORY 4800 AT SHAND/I-RLE 21.27 DME AND CHART MANDATORY 8000 AT BERBN - FIXES REMOVED FROM PROCEDURE.
26. DELETED CHART CIRCLING ICON FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZLA, LAS APP CON, LAS ATCT, AMGR

FLIGHT CHECKED BY *Digitally signed by*
DANIEL C FAVORITE **ERIC N SUSKI**
Aug 24, 2023

OFFICE
FPO
DATE
08/22/2023

DEVELOPED BY *Digitally signed by*
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Mar 29, 2023

OFFICE
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DATE
12/15/2022

APPROVED BY
JOHNNIE BAKER
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ERIC N SUSKI
Apr 11, 2023

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04/20/2023
TITLE
MANAGER

