

**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 26R	<u>ORIGINAL/AMENDMENT</u> 21	<u>CITY</u> LAS VEGAS	<u>STATE</u> NV		
<u>AIRPORT ELEVATION</u> 2181	<u>TDZE</u> 26R 2067 26L 2069	<u>SUPERSEDED</u> ILS OR LOC RWY 26R	<u>ORIGINAL/AMENDMENT</u> 20	<u>DATED</u> 02/25/2021	<u>MAG VAR</u> 11E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-LAS	<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
CROWE INT/I-LAS 40.82 DME		FLYES INT/I-LAS 21.54 DME					258.96	19.28 (I-LAS)	8000
BLD VORTAC	IAF	FLICR INT/I-LAS 16.26 DME					359.65	4.98 (LAS LR-083)	6500
FLYES INT/I-LAS 21.54 DME	IAF	FLICR INT/I-LAS 16.26 DME					258.96	5.28 (I-LAS)	6500
FLICR INT/I-LAS 16.26 DME	IF	BJORG INT/I-LAS 10.72 DME					258.96	5.54 (I-LAS)	4800
BJORG INT/I-LAS 10.72 DME		CONDY INT/I-LAS 7.57 DME					258.96	3.15 (I-LAS)	3800

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 5.33 NM AFTER CONDY INT/I-LAS 7.57 DME OR AT I-LAS 2.25 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3200 THEN CLIMBING RIGHT TURN TO 6000 HEADING 079 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 3200 THEN CLIMBING RIGHT TURN TO 7000 HEADING 084 AND ON LAS R-066 TO LAPIN INT/LAS 19.54 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000.



AIRPORT ID

PROCEDURE NAME

ORIGINAL/AMENDMENT

CITY

STATE

KLAS

ILS Z OR LOC Z RWY 26R

21

LAS VEGAS

NV

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT FLYES

3. FAF:

258.96

FAF: CONDY INT/I-LAS 7.57 DME

DIST FAF TO MAP: 5.33

DIST FAF TO THLD: 5.33

4. MIN ALT:

FLYES INT/I-LAS 21.54 DME 8000, FLICR INT/I-LAS 16.26 DME 6500, BJORG INT/I-LAS 10.72 DME 4800, CONDY INT/I-LAS 7.57 DME 3800

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT: 1128

6. MIN GS INCPT:

3800

GS ALT AT PFAF :

CONDY INT/I-LAS 7.57 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

**NOTES:**  
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BLD VORTAC AIRWAY RADIALS 332 CW 016.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS-26R ALL CATS VISIBILITY TO 7/8 SM, S-LOC-26R CAT E VISIBILITY TO 1 3/8 SM.  
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO SIDESTEP 26L.  
CHART SPEED ICON IN PLANVIEW AT FLYES: MAX 210 KIAS.

**ADDITIONAL FLIGHT DATA:**  
CHART 3229 MONUMENT 360851N/1150920W  
CHART BLD 4.98 DME AT FLICR.  
HOLD SE, RT, 330.00 INBOUND.  
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE LAPIN INT/LAS 19.54 DME, LT, 246.00 INBOUND.  
CHART FAS OBST: 2098 POLE (32-076180) 360445N/1150657W.  
CHART VDP AT 3.60 DME.  
DISTANCE VDP TO THLD 1.35 NM.  
CHART IN PLANVIEW: LAPIN INT/LAS 19.54 DME.  
CHART MANDATORY 8000 AT FLYES INT/I-LAS 21.54 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 26R	2334	3/4	267	2334	3/4	267	2334	3/4	267	2334	3/4	267	2334	3/4	267
S-LOC 26R	2560	3/4	493	2560	3/4	493	2560	1 1/8	493	2560	1 1/8	493	2560	1 1/8	493
SIDESTEP 26L	2560	1	491	2560	1	491	2560	1 1/2	491	2560	2	491	2560	2	491
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 26R TO ILS Z OR LOC Z RWY 26R. - DIFFERENTIATE BETWEEN THIS APPROACH AND THE ILS Y OR LOC Y 26R AT THIS AIRPORT.
2. DELETED INTERMEDIATE SEGMENT BEGINNING AT BERBN AND ASSOCIATED WP FIXES LUISA, SETKE, ZEPAM, AND HAWKO. - RNAV INTERMEDIATED SPLIT OFF TO THE ILS OR LOC Y 26R AT THIS AIRPORT.
3. DELETED EQUIPMENT REQUIREMENTS NOTE: FROM BERBN: RNP APCH-GPS REQUIRED. - PBN SEGMENTS DELETED.
4. DELETED PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS. - PBN INTERMEDIATES DELETED.
5. DELETED PLANVIEW NOTE AT BERBN: MAX 210 KIAS AND AT SETKE 200. - BERBN AND SETKE NO LONGER USED IN THIS PROCEDURE.
6. DELETED \*LOC ONLY FROM ADDITIONAL FLIGHT DATA. - NO LONGER REQUIRED
7. CHANGED NA FOR ARRIVAL ON BLD VORTAC AIRWAY RADIALS FROM 274 CW 016 TO 332 CW 016. - ENTRY ON R-274 IS LESS THAN 120 DEGREES..
8. CHANGED INTERMEDIATE FROM: HAWKO TO BJORG TO CONDY TO: FLICR TO BJORG TO CONDY AND CHANGED FLICR FROM IAF TO IF.- ACCOMMODATE REMOVAL OF RNAV LEGS.
9. CHANGED FIRST HALF OF INTERMEDIATE ALTITUDE AND MANDATORY ALTITUDE AT BJORG FROM 4700 TO 4800 AND ALTITUDE TO AT OR ABOVE. - ATC REQUEST.
10. CHANGED BJORG TO CONDY DISTANCE FROM 3.10 NM TO 3.15 NM, - CORRECT DOCUMENTATION ERROR AS PREVIOUS 8260-2 BJORG (REV 1) UPDATED 360434.97N/1145709.20W TO 360434.96N/1145705.51W.
11. CHANGED MSA SECTOR ALTITUDE, 030 - 120 FROM 6700 TO 6600 AND 210- 300 FROM 13200 TO 12900. - NEW TARGETS TERRAIN EVALUATION.
12. DELETED PLANVIEW NOTE AT BERBN: CAT E AIRCRAFT NOT AUTHORIZED. - BERBN NO LONGER PART OF THIS PROCEDURE.
13. LEAD RADIAL FOR TERM RTE FROM BLD VORTAC TO FLICR FROM 084 TO 083. - NEW TARGETS CALCULATION.
14. DELETED HAWKO INT/I-LAS 12.29 DME 5200 FROM LINE 4 OF PROFILE VIEW. - RNAV SEGMENTS SPLIT OFF TO ILS Y OR LOC Y RWY 26R.
15. ADDED CHART BLD 4.98 DME AT FLICR. - AID PILOT IN IDENTIFYING IF.
16. DELETED \* FROM ADDITIONAL FLIGHT DATA ENTRY CHART VDP AT 3.60 DME\* . - NO LONGER REQUIRED.
17. ADD CHART SPEED ICON IN PLANVIEW AT FLYES: MAX 210 KIAS - MATCH SPEED RESTRICTION IN CHOWW AND RLSTR ARRIVALS.
18. ADDED CHART 3229 MONUMENT 360851N/1150920W. - AID IN PILOT SITUATIONAL AWARENESS.
19. ADDED CHART MANDATORY 8000 AT FLYES INT/I-LAS 21.54 DME. TO ADDITIONAL FLIGHT DATA. - MATCH FLYES ALTITUDE REQUIREMENTS IN CHOWW AND RKSTR ARRIVALS.
20. CHANGED MISSED APPROACH FROM: CLIMB TO 3200 THEN CLIMBING RIGHT TURN TO 6000 ON HEADING 080 AND BLD R-286 TO BLD VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000. TO : CLIMB TO 3200 THEN CLIMBING RIGHT TURN TO 6000 HEADING 079 AND ON BLD R-287 TO BLD VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000. - "ON HEADING" NO LONGER REQUIRED AND HEADING AND RADIAL CHANGED TO FACILITATE CAT E MISSED CONSTRUCTION.
21. CHANGED ALTERNATE MISSED INITIAL TURN FROM ON HEADING 083 TO HEADING 084. - "ON HEADING" NO LONGER REQUIRED AND HEADING VALUE CHANGED SO THAT LAS R-066 INTERCEPT WAS REACHED PRIOR TO HOLDING FIX.
22. TERMINAL ROUTES CHANGE THE FIX DESCRIPTION FROM DCSA TO DCSA INT/BLD 11.42 DME - IAW 8260.19I 8-2-6 C (3).
23. TERMINAL ROUTES FIX CHANGED FROM FLYES/I-LAS 21.54 DME TO FLYES INT/ 21.54 DME - CORRECT DOCUMENTATION ERROR.
24. FIX BJORG DME CHANGED FROM 10.67 TO 10.72 - FIX RELOCATED.
25. DELETED ADDITIONAL FLIGHT DATA ENTRY CHART MANDATORY 8000 AT BERBN - BERBN REMOVED FROM PROCEDURE.
26. CHANGED ADDITIONAL FLIGHT DATA ENTRY CHART IN PLANVIEW: ALTERNATE HOLDING AT LAPIN DESCRIPTION FROM LAPIN INT TO LAPIN INT/LAS 19.54 DME - IAW 8260.19I 8-2-6 C (3).
27. DELETED FAS OBST 2097 TOWER 360417N/1150715W - OBSTACLE NOT REQUIRED.
28. CHANGED ADDITIONAL FLIGHT DATA ENTRY FROM CHART IN PLANVIEW: LAPIN INT TO CHART IN PLANVIEW: LAPIN INT/LAS 19.54 DME - IAW 8260.19I 8-2-6 C (3).
29. 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, NV AERO, 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*  
LIAM DONAHUE **LIAM DONAHUE**

**OFFICE**  
AJV-A431 **DATE**  
12/21/2022

**APPROVED BY** Mar 29, 2023  
JOHNNIE BAKER *Digitally signed by*  
**ERIC N SUSKI**  
Apr 11, 2023

**OFFICE** **DATE** **TITLE**  
AJV-A431 **MANAGER**

QUALITY  
29  
CHECKED