

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
LDA STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.25

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</u> LAKE TAHOE	<u>AIRPORT ID</u> KTVL	<u>PROCEDURE NAME</u> LDA RWY 18	<u>ORIGINAL/AMENDMENT</u> 8	<u>CITY</u> SOUTH LAKE TAHOE	<u>STATE</u> CA	
<u>AIRPORT ELEVATION</u> 6268	<u>TDZE</u> 6259	<u>SUPERSEDED</u> LDA/DME 1 RWY 18	<u>ORIGINAL/AMENDMENT</u> 7B	<u>DATED</u> 06/23/1994	<u>MAG VAR</u> 16E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> TVL LOC	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 AUGUST 2019	<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>
SWR VOR/DME	IAF	BRITH/SWR 14.21 DME					059.48	14.21	12400
BRITH/SWR 14.21 DME		KINGS INT/I-TVL 20.40 DME					059.48	2.00 (SWR R-059)	12400
FMG VORTAC	IAF	KINGS INT/I-TVL 20.40 DME					201.23	21.33	12400
KINGS INT/I-TVL 20.40 DME	IF	YUKUV/I-TVL 12.40 DME					171.42	8.00 (I-TVL)	10200
YUKUV/I-TVL 12.40 DME		FABIK/I-TVL 9.50 DME					171.42	2.90 (I-TVL)	9500

MISSED APPROACH

MAP:

WUGUK/I-TVL 4.00 DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 11000 ON HEADING 329 AND SWR VOR/DME R-102 TO SWR VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. PROFILE STARTS AT KINGS
3. **FAC:** 171.42 **FAF:** FABIK/I-TVL 9.50 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:** 9.94
4. **MIN ALT:** KINGS INT/I-TVL 20.40 DME 12400, YUKUV/I-TVL 12.40 DME 10200, FABIK/I-TVL 9.50 DME 9500, ZASAP/I-TVL 7.40 DME 8800
8. **MSA FROM:** SWR VOR/DME 12000

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.



CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SWR VOR/DME ON V494 WESTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON FMG VORTAC AIRWAY RADIALS 167 CW 241.

ADDITIONAL FLIGHT DATA:

FABIK TO RW18: 3.03/48.
CHART PLANVIEW NOTE: LOC OFFSET 5.50 DEGREES.
FAS OBST: 6759 AAO 390212N/1195645W.
FAC 268 FT L OF RWY C/L EXTENDED 3000 FT FROM THLD.
HOLD SW, LT, 038.11 INBOUND

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-18	7160	5	901	7160	5	901	7160	5	901	8520	5	2261			

CHANGES - REASONS

1. PROCEDURE NAME CHANGED FROM LDA/DME-1 RWY 18 TO LDA RWY 18 - NAMING CONVENTION.
2. MSA ALTITUDE INCREASED FROM 11900 TO 12000 - CONTROLLING OBSTACLE CHANGED FROM 10881 TERRAIN TO 10942 AAO.
3. SWR 14 DME FIX ON INITIAL FROM SWR VDME TO KINGS MOVED 0.21 NM EAST AND NAMED BRITH - PLACED AT STANDARD 2 NM LEAD-IN FOR TURN TO INTERMEDIATE DUE TO TURNS OVER 90 DEGREES.
4. CHANGED INITIAL SEGMENTS FROM SWR TO KINGS AT 14.00 NM AND 2.21 NM TO 14. 21 NM AND 2.00 NM - MOVED/NAMED BRITH LEADIN FIX.
5. DELETED FMG 19 DME FIX ON INITIAL FROM FMG TO KINGS - NOT NEEDED AS TURN DOES NOT EXCEED 90 DEGREES AND MULTIPLE FACILITIES DEFINE FIX KINGS.
6. COMBINED FMG TO 19 DME FIX AND 19 DME FIX TO KINGS INTO ONE INITIAL - DELETED 19 DME LEADIN FIX.
7. NAMED ALL DME FIXES - PROVIDE DATA REFERENCE BY NAME.
8. RAISED ALTITUDE ON INTIAL FROM FMG TO KINGS FROM 12000 TO 12400 - ADDED PR ADJ OF 375.
9. FAF MOVED 0.20 NM SOUTH - PREVIOUS FAF TO THLD EXCEEDED THE ALLOWABLE DISTANCE OF 10 NM.
10. INTERMEDIATE STEPDOWN DISTANCE CHANGED FROM 2.70 NM TO 2.90 NM - FAF MOVED.
11. FAF NAME CHANGED FROM SHOLE TO FABIK - SHOLE IS UTILIZED ON OTHER PROCEDURES WHICH DID NOT CHANGE.
12. MAP MOVED 0.10 NM SOUTH FROM 4.1 TO 4.0 DME - CORRESPOND WITH MOVING THE FAF, MOVED TO ENSURE VISIBILITY REAMINS 5 SM.
13. MISSED APPROACH ROUTING CHANGED, CLIMB OUT HEADING CHANGED FROM 348 TO 329 TO INTERCEPT THE SWR R-102 - PROVIDES MORE DIRECT ROUTING WHILE STILL MINIMIZING OBSTACLE EFFECT.
14. INTERMEDIATE COURSE CHANGED FROM 171.46 AND 171.44 TO 171.42 - INTERMEDIATE FLYS THE LOCALIZER COURSE INSTEAD OF FIX TO FIX.
15. REMOVED FLY VISUAL FROM PROCEDURE - FPT DECISION DUE TO AFS APPROVAL REQUIREMENT TO LOWER VIS TO 3 SM.
16. ADDED LOC OFFSET NOTE - 8260.19 REQUIRED NOTE FOR OFFSET PROCEDURE.
17. ADDED ALTIMETER SETTING/PROCEDURE NA NOTE - PROVIDE INSTRUCTION WHEN LOCAL ALTIMETER SETTING NOT RECEIVED.
18. ADDED HELICOPTER REDUCTION BELOW 3/4 SM RESTRICTION NOTE - 34:1 PENETRATIONS EXIST, NO LEEWAY EXISTS TO NOT PUBLISH NOTE WHEN VISIBILITY REDUCTION BY 50% REMAINS ABOVE 3/4 SM.
19. CHARTED VDA - NON-PRECISION PROCEDURE TO RUNWAY.
20. DELETED CIRCLING FROM PROCEDURE - APT/FPT DECISION DUE TO PROCEDURE NOT BEING FLY VISUAL AND MAP WELL OUTSIDE CIRCLING RADII.
21. REMOVED DIST FAF TO MAP VALUE - NO TIME TABLE REQUIRED.
22. CHANGED DIST FAF TO THLD VALUE FROM 10 TO 9.54 - FAF MOVED 0.2 NM SOUTH.
23. ADDED DME EQUIPMENT REQUIRED NOTE - DME REMOVED FROM PROCEDURE NAME.
24. S-18 CATS A/B/C MDA/HAT LOWERED FROM 7280/1026 TO 7160/901 - XL ADJUSTMENT NOT APPLIED.
25. S-18 CAT D MDA/HAT LOWERED FROM 8540/2286 TO 8520/2266 - XL ADJUSTMENT NOT APPLIED AND MA ADJ CHANGED TO PREVIOUSLY UNIDENTIFIED OBSTACLE.
26. APT ELEV/TDZE CHANGED FROM 6264/6254 TO 6268/6259 - SURVEY UPDATE AND DATA PULL.
27. ADDED PLANVIEW NOTES RESTRICTING ENTRY AT SWR AND FMG - TURNS EXCEED 120 DEGREES.
28. RAISED TERMINAL ROUTE (SWR - BRITH - KINGS) MIN ALTITUDE FROM 12000 TO 12400 - MATCH TERMINAL ROUTE FROM FMB TO KINGS ALTITUDE CREATING ONE ALTITUDE AT THE IF (KINGS).
29. RAISED STEPDOWN FIX FROM 8600 TO 8800 - PROVIDE VDA ON 3.03 GLIDEPATH SINCE STEPDOWN FIX IS ALWAYS RECEIVED.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZOA, RNO APCH, RNO FSS, TVL ATCT, AMGR, ATA

FLIGHT CHECKED BY

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