

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 ID</u> KSNA	<u>PROCEDURE NAME</u> LDA RWY 20R	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> SANTA ANA	<u>STATE</u> CA		
<u>AIRPORT ELEVATION</u> 56	<u>TDZE</u> 54	<u>SUPERSEDED</u> LDA/DME RWY 20R	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 09/18/2014	<u>MAG VAR</u> 12E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> OJW LOC	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 NOVEMBER 2022	<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>

MISSED APPROACH

MAP:

LDA: HAGEB/I-OJW 0.28 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT SLI VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT L SIDE OF COURSE 002.94 OUTBOUND 3000 FT WITHIN 10 MILES OF TUSTI INT (IAF)
- 2.
3. FAC: 182.94 FAF: TUSTI INT/I-OJW 5.25 DME DIST FAF TO MAP: DIST FAF TO THLD: 5.32
4. MIN ALT: EFFIE INT/I-OJW 9.25 DME 2800, TUSTI INT/I-OJW 5.25 DME 1900, GAUER INT/I-OJW 2.01 DME 880
8. MSA FROM: SLI VORTAC 050-140 7000, 140-230 2900, 230-320 4400, 320-050 7700

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: CIRCLING RWY 20L NA AT NIGHT.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LDA 20R CAT C/D VISIBILITY TO RVR 6000.



ADDITIONAL FLIGHT DATA:
GAUER TO RW20R: 3.50/63
CHART PLANVIEW NOTE: LDA OFFSET 12.97 DEGREES.
HOLD SE, LT, 300.00 INBOUND.
CHART FAS OBST: 196 TRANSMISSION_LINE (06-236320) 334248N/1175104W.
CHART VDP AT 1.04 DME
DISTANCE VDP TO THLD 1.10 NM.
FAC CROSSES RWY C/L EXTENDED 2097 FT FROM THLD.
CHART CIRCLING ICON.

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 1200-3, NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.

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-LDA 20R	460	2400	406	460	2400	406	460	4000	406	460	4000	406			
CIRCLING	640	1	584	640	1	584	840	2 1/4	784	1160	3	1104			

- CHANGES - REASONS**
1. INCREASED S-LDA 20R MDA/HAT FROM 400/345 TO 460/406 - NEW FINAL CONTROLLING OBSTACLE (196 TRANSMISSION LINE [06-236320] 334247.81N/1175103.66W) AND TDZE CHANGED FROM 55 TO 54.
 2. NEW FAS OBSTACLE - NEW FINAL CONTROLLING OBSTACLE (06-236320).
 3. DECREASED S-LDA 20R CAT A/B VISIBILITY FROM 4000 TO 2400 RVR - 34:1 PENETRATIONS REMOVED.
 4. REMOVED NOTE: HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED - 34:1 PENETRATION NO LONGER EXISTS.
 5. MOVED BACKUP ALTIMETER CHART NOTE TO 8260-9 GENERAL REMARKS - IAW 8260.19I 8-6-9(F).
 6. ADDED CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LDA 20R CAT C/D VISIBILITY TO RVR 6000. - BASED ON CURRENT TARGETS EVALUATION IAW 8260.19I 8-6-11O(3)D.
 7. ADDED VDP - IAW 8260.3E 2-6-5.
 8. ADDED EQUIPMENT REQUIREMENT NOTE: DME REQUIRED - IAW 8260.19I 8-6-8(A).
 9. CHANGED NAME FROM LDA/DME RWY 20R TO LDA RWY 20R - IAW 8260.36E 1-6-2.
 10. ADDED CHART NOTE: CIRCLING RWY 20L NA AT NIGHT - UNLIGHTED 20:1 PENETRATIONS IAW 8260.19I 8-6-11(O).
 11. ADDED CHART PLANVIEW NOTE: LDA OFFSET 12.97 DEGREES -- IAW 8260.19I 8-6-10G(1).
 12. FINAL TYPE CHANGED FROM S-20R TO S-LDA 20R -- IAW 8260.19I 8-6-11I(1).
 13. TDZE CHANGED FROM 55 TO 54 -- REVISED AIRNAV DATA.

COORDINATED WITH:
A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZLA, SOCAL APP CON, SNA ACTC, AMGR

FLIGHT CHECKED BY
TROY E DEVINE

DEVELOPED BY
KARLIE BUNTIN

APPROVED BY
CASIMIR TABAKA

Digitally signed by
KARLIE B BUNTIN
Jun 22, 2022

Digitally signed by
CASIMIR L TABAKA
Jul 05, 2022

OFFICE
FPO

OFFICE
AJV-A432

OFFICE
AJV-5432

DATE
08/23/2022

DATE
04/25/2022

DATE

Digitally signed by
CASIMIR L TABAKA
Jul 05, 2022

TITLE
MANAGER

QUALITY
29
CHECKED