

**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><br>KSTS       | <u>PROCEDURE NAME</u><br>ILS OR LOC RWY 32 | <u>ORIGINAL/AMENDMENT</u><br>19C               | <u>CITY</u><br>SANTA ROSA                 | <u>STATE</u><br>CA         |                       |                           |
| <u>AIRPORT ELEVATION</u><br>129 | <u>TDZE</u><br>122                         | <u>SUPERSEDED</u><br>ILS OR LOC/DME RWY 32     | <u>ORIGINAL/AMENDMENT</u><br>19B          | <u>DATED</u><br>03/28/2019 | <u>MAG VAR</u><br>16E | <u>EPOCH YEAR</u><br>1985 |
| <u>FACILITY</u><br>I-STS        | <u>COORDINATES OF FACILITIES</u>           | <u>ACTUAL EFFECTIVE DATE</u><br>12 AUGUST 2021 | <u>REQUIRED EFFECTIVE DATE</u><br>ROUTINE | <u>CANCEL/SUSPEND</u>      |                       |                           |

**TERMINAL ROUTES**

| FROM                            | FIX TYPE | TO                              | FIX TYPE | LEG TYPE | FO/FB | RNP | COURSE | DISTANCE         | ALTITUDE |
|---------------------------------|----------|---------------------------------|----------|----------|-------|-----|--------|------------------|----------|
| PYE VOR/DME                     | IAF      | LUSEE INT/STS DME 12.16 DME     |          |          |       |     | 010.37 | 16.35            | 3000     |
| SGD VORTAC                      | IAF      | DACER INT/SGD VORTAC 15.51 DME  |          |          |       |     | 281.42 | 15.51            | 3900     |
| DACER INT/SGD VORTAC 15.51 DME  |          | LUSEE INT/STS DME 12.16 DME     |          |          |       |     | 281.42 | 2.50 (SGD R-281) | 3000     |
| SAU VOR/DME                     | IAF      | BURDE INT/SAU VOR/DME 15.35 DME |          |          |       |     | 330.47 | 15.35            | 4000     |
| BURDE INT/SAU VOR/DME 15.35 DME |          | LUSEE INT/STS DME 12.16 DME     |          |          |       |     | 321.19 | 14.08 (I-STS)    | 3000     |
| LUSEE INT/STS DME 12.16 DME     | IF       | EDOVE INT/STS DME 9.81 DME      |          |          |       |     | 321.19 | 2.35 (I-STS)     | 2700     |
| EDOVE INT/STS DME 9.81 DME      |          | PIGPN/STS DME 6.15 DME          |          |          |       |     | 321.19 | 3.66 (I-STS)     | 2000     |

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: STS DME 0.42 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1020 THEN CLIMB TO 6000 ON ENI VORTAC R-131 TO CABEX/ENI VORTAC 18.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

CLIMB TO 1800 THEN CLIMBING LEFT TURN TO 4000 DIRECT PYE VOR/DME AND HOLD. ALTERNATE MISSED APPROACH REQUIRES MINIMUM CLIMB OF 235 FEET PER NM TO 2800.



**PROFILE:**

- 1. PT            **SIDE OF COURSE**                            **OUTBOUND**                            **FT WITHIN**                            **MILES OF**                            (IAF)
- 2. PROFILE STARTS AT LUSEE INT/STS DME 12.16 DME
- 3. **FAF:** 321.19                            **FAF:** PIGPN/STS DME 6.15 DME                            **DIST FAF TO MAP:**                            **DIST FAF TO THLD: 5.74**
- 4. **MIN ALT:** LUSEE INT/STS DME 12.16 DME 3000, EDOVE INT/STS DME 9.81 DME 2700, PIGPN/STS DME 6.15 DME 2000
- 5. **DIST TO THLD FROM OM:**                            **MM:**                            **IM:**                            **150 HAT:**                            **GS ANT:** 993
- 6. **MIN GS INCPT:** 2000                            **GS ALT AT FAF :** PIGPN/STS DME 6.15 DME 2000                            **OM:**                            **MM:**                            **IM:**
- 7. **GP ANGLE:** 3.00                            **34:1:**                            **20:1:**                            **TCH:** 52.8
- 8. **MSA FROM:** KSTS 5900

**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED.

**NOTES:**

CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1038' MSL.  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PYE VOR/DME ON V25-27 AND T257 SOUTHEAST BOUND.  
 CHART NOTE: DME FROM STS DME. DME USE REQUIRES SIMULTANEOUS RECEPTION OF I-STS AND STS DME.  
 CHART NOTE: FOR INOPERATIVE ALS INCREASE S-ILS 32 VISIBILITY ALL CATS TO RVR 4500, S-LOC 32 CATS A/B TO RVR 5500.

**ADDITIONAL FLIGHT DATA:**

CHART: SANTA ROSA AIR CENTER (ABANDONED)  
 FAS OBSTACLE 319 AAO 382505N/1224440W 319  
 CHART CIRCLING ICON.  
 CHART: STS 26.24 DME AT BURDE  
 HOLD SE, LT, 310.98 INBOUND.  
 CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S PYE VOR/DME, RT, 010.37 INBOUND.  
 CHART IN PLANVIEW: PYE VOR/DME.

**MINIMUMS:**

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

**ALTERNATE:** NA  ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN TOWER CLOSED.; LOC: STANDARD - CAT C 1000-3, CAT D 1300-3, NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN TOWER CLOSED.

| CATEGORY: | A      |      |         | B      |      |         | C      |      |         | D      |      |         | E      |     |         |
|-----------|--------|------|---------|--------|------|---------|--------|------|---------|--------|------|---------|--------|-----|---------|
|           | DA/MDA | VIS  | HAT/HAA | DA/MDA | VIS | HAT/HAA |
| S-ILS 32  | 377    | 2400 | 255     | 377    | 2400 | 255     | 377    | 2400 | 255     | 377    | 2400 | 255     |        |     |         |
| S-LOC 32  | 580    | 2400 | 458     | 580    | 2400 | 458     | 580    | 4500 | 458     | 580    | 4500 | 458     |        |     |         |
| CIRCLING  | 600    | 1    | 471     | 680    | 1    | 551     | 1080   | 3    | 951     | 1420   | 3    | 1291    |        |     |         |



**CHANGES - REASONS**

1. CHANGED PROCEDURE NAME FROM ILS OR LOC/DME RWY 32 TO ILS OR LOC RWY 32. - 8260.19H, - 8-3-4.B7.
2. ADDED CHART NOTE: DME FROM STS DME. DME USE REQUIRES SIMULTANEOUS RECEPTION OF I-STIS AND STS DME - IAW .19I 8-6-9 K.
3. DELETED FEEDER FROM STS VOR/DME TO LUSEE. - STS VOR/DME DECOMMISSIONING.
4. CHANGED MISSED APPROACH FROM "CLIMB TO 1020 ON STS VOR/DME R-310.48 AND CLIMBING LEFT TURN TO 6000 TO CABEX/STS 21.25 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000" TO "CLIMB TO 1020 THEN CLIMB TO 6000 ON ENI VORTAC R-130.98 TO CABEX/ENI 18.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000. - STS VOR/DME DECOMMISSIONING/ATC REQUEST.
5. CHANGED ALTERNATE MISSED APPROACH FROM "CLIMB TO 1020 ON ENI VORTAC R-130.19 AND CLIMBING LEFT TURN TO 6000 TO CABEX/ENI 18.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000" TO "CLIMB TO 1800 THEN CLIMBING LEFT TURN TO 4000 DIRECT PYE VOR/DME AND HOLD". - STS VOR/DME DECOMMISSIONING/ATC REQUEST.
6. CHANGED REFERENCES TO STS VOR/DME TO STS DME. - STS VOR DECOMMISSIONING.
7. DELETED PROFILE LINE 2 LUSEE H-I-L PT. - FPT/ATC REQUEST.
8. CHANGED ADDITIONAL FLIGHT DATA HOLD SE,LT, 309.81 INBOUND TO HOLD SE, LT, 310.98 INBOUND. - FPT ATC REQUEST.
9. CHANGED CHART IN PLANVIEW: ALTERNATE MA HOLDING, "HOLD SE CABEX/ENI 18.00 DME, LT, 310.98 INBOUND" TO "HOLD S PYE VOR/DME, RT, 010.37 INBOUND. - ATC/FPT REQUEST/STS VOR DECOMMISSIONING.
10. CHANGED CHART IN PLANVIEW: CABEX/ENI 18.00 DME TO PYE VOR/DME. - ALTERNATE MISSED APPROACH CHANGED TO PYE VOR/DME.
11. ADDED "CAT C 1000/3, CAT D 1300/3" TO LOC ALTERNATE MINIMUMS. - 8260.3D VISIBILITY TABLES.
12. CHANGED MSA CENTER POINT FROM STS VOR/DME TO KSTS - NAVAID DECOMMISSIONING.
13. ADDED ALTERNATE MISSED APPROACH REQUIRES MINIMUM CLIMB OF 225 FEET PER NM TO 2800 TO ALTERNATE MISSED APPROACH INSTRUCTIONS - TO MITIGATE ALT MISSED AAO PENETRATIONS PER TARGETS; NOTE ADDED IAW .19I, 8-6-6.
14. ADDED CHART NOTE: FOR INOPERATIVE ALS INCREASE S-ILS 32 VISIBILITY ALL CATS TO RVR 4500, S-LOC 32 CATS A/B TO RVR 5500. - IAW NEW VISIBILITY TABLES.
15. ADDED CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1038' MSL - IAW 19I 8-6-11, O,7 - AVNIS DATA.
16. RAISED SEGMENT ALTITUDE FROM BURDE TO LUSEE FROM 2800 FT TO 3000 FT - IAW .19I 8-2-5,G,3 - TO MATCH -2 MINIMUM ALTITUDE.

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:** ZOA, STS ATCT, ARPT MGR

|                          |  |               |             |
|--------------------------|--|---------------|-------------|
| <b>FLIGHT CHECKED BY</b> | <i>Digitally signed by</i><br><b>LONNIE EVERHART</b> | <b>OFFICE</b> | <b>DATE</b> |
| JOHN D JEFFERS           | Jun 03, 2021   | FICO          | 05/21/2021  |

|                           |  |               |             |
|---------------------------|--|---------------|-------------|
| <b>DEVELOPED BY</b>       | <i>Digitally signed by</i><br><b>LONNIE EVERHART</b> | <b>OFFICE</b> | <b>DATE</b> |
| JON DENTON (THOR CORNELL) | Jun 03, 2021   | AJV-A432      | 02/17/2021  |

|                    |  |               |             |              |
|--------------------|--|---------------|-------------|--------------|
| <b>APPROVED BY</b> | <i>Digitally signed by</i><br><b>LONNIE EVERHART</b> | <b>OFFICE</b> | <b>DATE</b> | <b>TITLE</b> |
| LONNIE EVERHART    | Jun 03, 2021   | AJV-A430      |             | MANAGER      |

