

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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> SAN LUIS COUNTY RGNL | <u>AIRPORT ID</u> KSBP | <u>PROCEDURE NAME</u> RNAV (GPS) RWY 29 | <u>ORIGINAL/AMENDMENT</u> 1 | <u>CITY</u> SAN LUIS OBISPO | <u>STATE</u> CA | |
| <u>AIRPORT ELEVATION</u> 212 | <u>TDZE</u> 212 | <u>SUPERSEDED</u> RNAV (GPS) RWY 29 | <u>ORIGINAL/AMENDMENT</u> ORIG | <u>DATED</u> 05/17/2001 | <u>MAG VAR</u> 15E | <u>EPOCH YEAR</u> 1980 |
| <u>FACILITY</u> RNAV | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 30 JANUARY 2020 | <u>REQUIRED EFFECTIVE DATE</u> ROUTINE | <u>CANCEL/SUSPEND</u> | | |

TERMINAL ROUTES THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 20-02.

| FROM | FIX TYPE | TO | FIX TYPE | LEG TYPE | FO/FB | RNP | COURSE | DISTANCE | ALTITUDE |
|-----------------------|----------|-----------------------|----------|----------|-------|------|--------|----------|----------|
| KIKII | | CADAB | | TF | FO | 1.00 | 162.06 | 19.42 | 5700 |
| FABEG | IAF | CADAB | NOPT | TF | FB | 1.00 | 019.76 | 8.20 | 3900 |
| WYNNR | IAF | CADAB | NOPT | TF | FB | 1.00 | 255.99 | 10.91 | 3900 |
| CADAB | IF/IAF | HALDA | | TF | FB | 1.00 | 289.89 | 4.43 | 2900 |
| HALDA | | CAVLI | | TF | FB | 1.00 | 289.83 | 1.57 | 2400 |
| CAVLI | FAF | WUTUB/2.62 NM TO RW29 | | TF | FB | 0.30 | 289.83 | 3.21 | |
| WUTUB/2.62 NM TO RW29 | | RW29 | MAP | TF | FO | 0.30 | 289.83 | 2.62 | |
| RW29 | MAP | 1100 MSL | | CA | FO | | 289.83 | | 1100 |
| 1100 MSL | | WUNUL | | DF | FO | 1.00 | | | 4100 |

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW29

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 4100 DIRECT WUNUL AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4100.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
10
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD E CADAB, LT, 289.89 INBOUND, 3900 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 289.83 FAF: CAVLI DIST FAF TO MAP: 5.83 DIST FAF TO THLD: 5.83

4. MIN ALT: CADAB 3900, HALDA 2900, CAVLI 2400, WUTUB/2.62 NM TO RW29 1220*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 619 HAT: 1.54 GS ANT: MM: IM:

6. MIN GP INCPT: 2400 GP ALT AT FAF : CAVLI 2400 OM:

7. GP ANGLE: 3.45 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 52.0

8. MSA FROM: RW29 5300

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING TO RWY 25 NA AT NIGHT.
CHART NOTE: CIRCLING NA N OF RWY 11-29.
CHART NOTE: RWY 29 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 0°C OR ABOVE 52°C.
*LNAV ONLY
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FABEG ON V27, T261 SOUTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

1533 AAO 351142N/1203059W
CHART CIRCLING ICON.
WAAS CHANNEL #53443
REFERENCE PATH ID: W29A
CHART FAS OBST: 741 TERRAIN 351441N/1203720W.
CHART: 614 TOWER 351250N/1203445W.
1533 AAO 351142N/1203059W.
HOLD W, RT, 100.66 INBOUND
LTP HAE: 29.7 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT B 1100-2, CAT C 1300-3, CAT D 1400-3; NA WHEN LOCAL WEATHER NOT AVAILABLE.

| 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 |
| LPV DA | 831 | 1 3/4 | 619 | 831 | 1 3/4 | 619 | 831 | 1 3/4 | 619 | 831 | 1 3/4 | 619 | | | |
| LNAV/VNAV DA | 835 | 1 3/4 | 623 | 835 | 1 3/4 | 623 | 835 | 1 3/4 | 623 | 835 | 1 3/4 | 623 | | | |
| LNAV MDA | 1000 | 1 | 788 | 1000 | 1 1/4 | 788 | 1000 | 2 1/2 | 788 | 1000 | 2 1/2 | 788 | | | |
| CIRCLING | 1000 | 1 | 788 | 1220 | 1 1/2 | 1008 | 1460 | 3 | 1248 | 1560 | 3 | 1348 | | | |



CHANGES - REASONS

1. AMENDED TERMINAL ROUTE FEEDER SEGMENT KIKII TO CADAB FROM “162.74” TO “162.06” AND DISTANCE FROM “19.49” TO “19.42” - TO ALIGN LPV GLIDE PATH WITH VGSI.
2. AMENDED TERMINAL ROUTE INITIAL SEGMENT FABEG TO CADAB FROM “021.65” TO “19.76” AND DISTANCE FROM “7.88” TO “8.20” - FOR AIRSPACE PROTECTION.
3. AMENDED TERMINAL ROUTE INITIAL SEGMENT WYNNR TO CADAB FROM “255.58” TO “255.99” AND DISTANCE FROM “11.13” TO “10.91” - REDESIGN AND NEW TARGETS BUILD.
4. AMENDED TERMINAL ROUTE INTERMEDIATE SEGMENT CADAB TO HALDA FROM “291.73” TO “289.89” AND DISTANCE FROM “4.29” TO “4.43” - REDESIGN AND NEW TARGETS BUILD.
5. AMENDED THE HOLDING FIX FROM CREPE TO WUNUL - REDESIGN AND NEW TARGETS BUILD.
6. CREATED A NEW LNAV FINAL STEPDOWN FIX WUTUB.- PER FPT REQUEST.
7. ADDED TERMINAL ROUTE FINAL SEGMENT CAVLI TO WUTUB/2.62 NM TO RW29 - ESTABLISHED LNAV FINAL SD.
8. INCREASED THE IAF/IF ALTITUDE AT CADAB FROM “2900” TO “3900” - TO ACCOUNT FOR AIRSPACE IN WYNNR INITIAL.
9. INCREASED MINIMUM ALTITUDE FOR FABEG INITIAL FROM “3300” TO “3900” - TO ACCOUNT FOR THE INCREASE IN ALTITUDE AT CADAB.
10. REMOVED “CHART NOTE: DME/DME RNP - 0.3 NA” AND “GPS OR RNP - 0.3 REQUIRED” FROM NOTES - 8260.19H, 8-6-8, N.
11. ADDED “RNP APCH” TO PBN REQUIREMENTS NOTE - 8260.19H CHAPTER 8.
12. CHANGED KIKII TO CADAB RNP VALUE FROM “2.0” TO “1.0” - UPDATED TO CURRENT AJV-DIRECTED CRITERIA.
13. ADDED LPV AND LNAV/VNAV LINES OF MINIMA - IN SUPPORT OF THE AIRPORT MODERNIZATION.
14. AMENDED LNAV ALL CATS MDA/HAT FROM “1040/831” TO “1000/788” - NEW CONTROLLING OBSTACLES IDENTIFIED DURING APPROACH RESTRUCTURING.
15. AMENDED LNAV CAT D VISIBILTY FROM “2 ¾” TO “2 1/2” - UPDATED VISCHECK RESULTS.
16. AMENDED CIRCLING CAT A VISIBILITY FROM “1 ¼” TO “1” - UPDATED VISHECK RESULTS.
17. AMENDED CIRCLING CAT A CMDA/HAA FROM “1180/971” TO “1000/788” - NEW CONTROLLING OBSTACLE IDENTIFIED.
18. AMENDED CIRCLING CAT B CMDA/HAA FROM “1180/971” TO “1220/1008” - NEW CONTROLLING OBSTACLE IDENTIFIED.
19. AMENDED CIRCLING CAT C CMDA/HAA FROM “1180/971” TO “1460/1248” - NEW CONTROLLING OBSTACLE IDENTIFIED.
20. AMENDED CIRCLING CAT D CMDA/HAA FROM “1220/1011” TO “1560/1348” - NEW CONTROLLING OBSTACLE IDENTIFIED.
21. ADDED "CHART CIRCLING ICON" TO ADDITIONAL FLIGHT DATA - 8260.19H, 8-6-10, T.
22. AMENDED ALTERNATE MINIMUMS FROM “NA” TO “STANDARD - CAT B 1100-2, CAT C 1300-3, CAT D 1400-3; STANDARD, NA WHEN LOCAL WEATHER NOT AVAILABLE” - 8260.19H, 8-6-11, B(4).
23. REMOVED “FINAL SEGMENT: (TF)” FROM ADDITIONAL FLIGHT DATA - 8260.19H, 8-8-1, C(4).
24. AMENDED AIRPORT FROM “SAN LUIS OBISPO COUNTY - MC CHESNEY FIELD” TO “SAN LUIS COUNTY RGNL” - UPDATED AIRNAV DATA
25. AMENDED PROFILE LINE 8 FROM “MSA FROM: RW29 5100” TO “MSA FROM: RW29 3500” - NEW CONTROLLING OBSTACLE IDENTIFIED.
26. ADDED “DIST TO THLD FROM 619 HAT: 1.54” TO PROFILE LINE 5 - 8260.19H, 8-6-7, E(3).
27. AMENDED PROFILE LINE 3 FROM “DIST FAF TO MAP: “ AND “DIST FAF TO LTP: 5.80” TO “DISTANCE FAF TO MAP: 5.83” AND “DIST FAF TO THLD: 5.83” - 8260.19H, 8-6-7, C(3) AND C(4).
28. ADDED “MIN GP INCPT: 2400” AND “GP ALT AT FAF: CALVI 2400” TO PROFILE LINE 6 - 8260.19H, 8-6-7, F(1).
29. AMENDED PROFILE LINE 2 FROM “HOLD SE, CADAB WP, LT, 304.85 INBOUND, 3300 FT IN LIEU OF PT (IAF)” TO “HOLD E CADAB, LT, 289.89 INBOUND, 3900 FT. IN LIEU OF PT (IF/FAF), MAX 6000” -8260.19H, 8-6-7, B(2)(B).
30. ADDED “GP ANGLE: 3.45” AND “TCH: 52” TO PROFILE LINE 7 - 8260.19H, 8-6-7, G(1) AND (2).
31. AMENDED PROFILE LINE 4 FROM “CADAB WP 3300, HALDA WP 2900, CAVLI WP 2400” TO “CADAB 3900, HALDA 2900, CAVLI 2400, WUTUB/2.62 NM TO RW29 1220*” - 8260.19H, 8-6-7, D(3).
32. ADDED “20:1: IS CLEAR” TO PROFILE LINE 7 - 8260.19H, 8-6-7, G(3).
33. ADDED “LTP HAE: 29.7” TO ADDITIONAL FLIGHT DATA - 8260.19H, 8-6-10, J(4).
34. ADDED “CHART FAS OBST: 741 TERRAIN 351441N/1203720W” TO ADDITIONAL FLIGHT DATA - 8260.19H, 8-6-10, C.
35. ADDED FAS DATA INFORMATION - ADDED LNAV/VNAV LINE OF MINIMA AND 8260.19H, 8-6-12.
36. ADDED “* LNAV ONLY” TO ADDITIONAL FLIGHT DATA - 8260.19H, 8-6-7, D(3).

12/17/2019: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 11/19/2019.
1. PROFILE LINE 3 - DIST FAF TO MAP AND DIST FAF TO THLD CHANGED FROM 6.38 TO 5.83

COORDINATED WITH:

~~A4A~~ ☒ ~~ALPA~~ ☒ ~~AOPA~~ ☒ ~~APA~~ ☒ ~~HAI~~ ☐ ~~NBAA~~ ☒ ~~OTHER:~~ ZLA, SAN LUIS ATCT, SBA APP CON, AIRPORT MGR

| | | | | | |
|---|--|---|---|---|---|
| <div><div>FLIGHT CHECKED BY</div><div>JOEL FEWENS HAWKLEY</div></div> | | <div><div>Digitally signed by</div><div>DAVID DANNER</div><div>Dec 18, 2019</div></div> | <div><div>OFFICE</div><div>FIOG</div></div> | <div><div>DATE</div><div>11/15/2019</div></div> | |
| <div><div>DEVELOPED BY</div><div>DAVID DANNER (BRANDON MAULDIN)</div></div> | | <div><div>Digitally signed by</div><div>DAVID DANNER</div><div>Dec 18, 2019</div></div> | <div><div>OFFICE</div><div>AJV-A421</div></div> | <div><div>DATE</div><div>09/26/2017</div></div> | |
| <div><div>APPROVED BY</div><div>MARLON ROBINSON</div></div> | | <div><div>Digitally signed by</div><div>DAVID DANNER</div><div>Dec 18, 2019</div></div> | <div><div>OFFICE</div><div>AJV-A420</div></div> | <div><div>DATE</div><div></div></div> | <div><div>TITLE</div><div>MANAGER</div></div> |



FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u> | <u>DATA</u> |
|--|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KSBP |
| RUNWAY | RW29 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W29A |
| LTP/FTP LATITUDE | 351400.3860N |
| LTP/FTP LONGITUDE | 1203802.9875W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +00297 |
| FPAP LATITUDE | 351451.2720N |
| FPAP LONGITUDE | 1203932.3465W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00052.0 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.45 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 1040 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 50.0 |
| CRC REMAINDER | CD414792 |

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K2 |
| LTP ORTHOMETRIC HEIGHT | +00646 |
| FPAP ORTHOMETRIC HEIGHT | +00646 |

