

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.  
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

| <u>DP NAME</u>           | <u>NUMBER</u>            | <u>DP COMPUTER CODE</u>             | <u>SUPERSEDED NUMBER</u> | <u>DATED</u>                        | <u>ACTUAL EFFECTIVE DATE</u> |
|--------------------------|--------------------------|-------------------------------------|--------------------------|-------------------------------------|------------------------------|
| SCTWN                    | FOUR                     | SCTWN4.SCTWN                        | THREE                    | 05/21/2020                          |                              |
| <u>TYPE:</u>             | <u>OBSTACLE</u>          | <u>COPTER</u>                       | <u>SID</u>               | <u>SPECIAL</u>                      | <u>RNAV</u>                  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |                              |

**DP ROUTE DESCRIPTION:**

TAKEOFF RWY 17L: CLIMB ON HEADING 167.76 TO 540, THEN LEFT TURN DIRECT SCTWN AT OR ABOVE 2300, THENCE ...

TAKEOFF RWY 17R: CLIMB ON HEADING 167.75 TO 540, THEN LEFT TURN DIRECT SCTWN AT OR ABOVE 2300, THENCE ...

...ON TRANSITION. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 5 MINUTES AFTER DEPARTURE.

**TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):**

| <u>TRANSITION NAME</u> | <u>TRANSITION<br/>COMPUTER CODE</u> | <u>FROM<br/>FIX/NAVAID</u> | <u>TO<br/>FIX/NAVAID</u> | <u>COURSE</u> | <u>DISTANCE</u> | <u>MEA</u> | <u>MOCA</u> | <u>CROSSING<br/>ALTITUDE/FIXES</u> |
|------------------------|-------------------------------------|----------------------------|--------------------------|---------------|-----------------|------------|-------------|------------------------------------|
| SHUFL                  | SCTWN4.SHUFL                        | SCTWN                      | DOSCO                    | TRACK 087.90  | 60.40           | 13900      | 9900        | AT/ABOVE 14000                     |
|                        |                                     | DOSCO                      | DUNGN                    | TRACK 088.90  | 62.29           | FL 190     | 13700       |                                    |
|                        |                                     | DUNGN                      | DRAGN                    | TRACK 089.70  | 29.44           | FL 190     | 11800       |                                    |
|                        |                                     | DRAGN                      | SHUFL                    | TRACK 109.05  | 36.01           | FL 190     | 11200       |                                    |
| MACUS                  | SCTWN4.MACUS                        | SCTWN                      | DNGER                    | TRACK 075.03  | 35.07           | 8800       | 5200        | AT/ABOVE 9000                      |
|                        |                                     | DNGER                      | MACUS                    | TRACK 036.59  | 115.61          | FL 180     | 11500       |                                    |
| RALEY                  | SCTWN4.RALEY                        | SCTWN                      | DNGER                    | TRACK 075.03  | 35.07           | 8800       | 5200        | AT/ABOVE 9000                      |
|                        |                                     | DNGER                      | RALEY                    | TRACK 078.48  | 116.31          | FL 190     | 13500       |                                    |

**PROCEDURAL DATA NOTES:**

**PBN REQUIREMENTS NOTES:**

RNAV - DME/DME/IRU OR GPS

**EQUIPMENT REQUIREMENT NOTES:**

RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT

**TAKEOFF MINIMUMS:**

RWY 17L, 17R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 540.

**TAKEOFF OBSTACLES NOTES:**

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).



|                |               |                         |                          |              |                              |
|----------------|---------------|-------------------------|--------------------------|--------------|------------------------------|
| <u>DP NAME</u> | <u>NUMBER</u> | <u>DP COMPUTER CODE</u> | <u>SUPERSEDED NUMBER</u> | <u>DATED</u> | <u>ACTUAL EFFECTIVE DATE</u> |
| SCTWN          | FOUR          | SCTWN4.SCTWN            | THREE                    | 05/21/2020   |                              |

**CONTROLLING OBSTACLES:**

**MSA:**

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**

REFERENCE MAG VAR: KSMF 13E EPOCH YR: 2020  
DME/DME ASSESSMENT: SAT (RNP 2.0)  
CHART: TOP ALTITUDE: ASSIGNED BY ATC.

**AIRPORTS SERVED:**

| <u>AIRPORT ID</u> | <u>CITY</u> | <u>STATE</u> |
|-------------------|-------------|--------------|
| (KSMF)            | SACRAMENTO  | CA           |

**COMMUNICATIONS:**

ATIS, CLNC DEL, GND CON, TOWER, NORCAL DEP CON

**FIXES AND/OR NAVAIDS:**

**REMARKS:**

|                                   |   |                      |                    |                     |
|-----------------------------------|---|----------------------|--------------------|---------------------|
| <b><u>FLIGHT INSPECTED BY</u></b> | <i>Digitally signed by</i><br><b>DONALD H LANIER</b>  | <b><u>OFFICE</u></b> | <b><u>DATE</u></b> |                     |
| DANIEL C FAVORITE                 | Jan 19, 2022  | FPO                  | 01/13/2022         |                     |
| <b><u>DEVELOPED BY</u></b>        | <i>Digitally signed by</i><br><b>NICHOLAS JACKSON</b> | <b><u>OFFICE</u></b> | <b><u>DATE</u></b> |                     |
| NICHOLAS K. JACKSON               | Dec 03, 2021  | AJV-A431             | 11/30/2021         |                     |
| <b><u>APPROVED BY</u></b>         | <i>Digitally signed by</i><br><b>DONALD H LANIER</b>  | <b><u>OFFICE</u></b> | <b><u>DATE</u></b> | <b><u>TITLE</u></b> |
| LONNIE EVERHART                   | Jan 19, 2022  | AJV-A430             |                    | MANAGER             |

**REQUIRED EFFECTIVE DATE**  
ROUTINE

**COORDINATED WITH:**

**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZOA, NORCAL TRACON, CAPITOL ATCT, AMGR

**CHANGES - REASONS:**

1. REMOVED KENNO TRANSITION - ATC REQUEST.
2. ADDED SHUFL TRANSITION - ATC REQUEST.
3. ADDED ALTITUDE RESTRICTION OF AT OR ABOVE 9000 AT DNGER - MCA CRITERIA.
4. ADDED ALTITUDE RESTRICTION OF AT OR ABOVE 14000 AT DOSCO - ATC ALTITUDE RESTRICTION.
5. ADDED ALTITUDE RESTRICTION OF AT OR ABOVE 2300 AT SCTWN - MCA CRITERIA.
6. ADDED TOP ALTITUDE - TOP ALTITUDE ADDED IAW 8260.46H APPENDIX E, PARA 12B.



| <u>DP NAME</u> | <u>NUMBER</u> | <u>DP COMPUTER CODE</u> | <u>SUPERSEDED NUMBER</u> | <u>DATED</u> | <u>ACTUAL EFFECTIVE DATE</u> |
|----------------|---------------|-------------------------|--------------------------|--------------|------------------------------|
| SCTWN          | FOUR          | SCTWN4.SCTWN            | THREE                    | 05/21/2020   |                              |

7. CHANGED DEPARTURE ROUTE DESCRIPTION FROM MAINTAIN FL190, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE TO EXPECT FILED ALTITUDE 5 MINUTES AFTER DEPARTURE - ATC REQUEST.
8. ADDED MOCA'S FOR ALL SEGMENTS. - ADDED IAW 8260.46H APPENDIX E, PARA 4H.
9. ADDED PBN REQUIREMENT NOTE: RNAV-1 DME/DME/IRU OR GPS. - NOTE ADDED IAW 8260.46H PARA 2-1-1F(6)(C)(1, 2, 5A).
10. ADDED EQUIPMENT REQUIREMENT NOTE: RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCARFT. - NOTE ADDED IAW 8260.46H PARA 2-1-1F(5).

THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/03/21:  
 CHANGED COORDINATES FOR FIX DRAGN FROM 360608.83N/1181751.76W TO 380608.83N/1181751.76W ON 8260-15C

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
DEPARTURE (DATA RECORD)**

| DP NAME     |                        |   |       |          | NUMBER | DP COMPUTER CODE | SUPERSEDED NUMBER | DATED      | ACTUAL EFFECTIVE DATE   |
|-------------|------------------------|---|-------|----------|--------|------------------|-------------------|------------|-------------------------|
| SCTWN       |                        |   |       |          | FOUR   | SCTWN4.SCTWN     | THREE             | 05/21/2020 |                         |
| FIX/NAVAID  | LAT/LONG               | C | FO/FB | LEG TYPE | TC     | DIST (NM)        | ALTITUDE          | SPEED      | REMARKS                 |
| RW17L (AER) | 384225.70N/1213448.21W | N | -     | -        | -      | -                |                   |            | CG 500 FT PER NM TO 540 |
| 540 MSL     | -                      | - | -     | VA       | 180.76 | -                |                   |            | LEFT TURN               |
| SCTWN       | 383750.57N/1212704.47W | Y | FB    | DF       | -      | -                | AT/ABOVE 2300     |            |                         |
|             |                        |   |       |          |        |                  |                   |            |                         |
| RW17R (AER) | 384226.42N/1213603.90W | N | -     | -        | -      | -                |                   |            | CG 500 FT PER NM TO 540 |
| 540 MSL     | -                      | - | -     | VA       | 180.75 | -                |                   |            | LEFT TURN               |
| SCTWN       | 383750.57N/1212704.47W | Y | FB    | DF       | -      | -                | AT/ABOVE 2300     |            |                         |
|             |                        |   |       |          |        |                  |                   |            |                         |
| SCTWN       | 383750.57N/1212704.47W | Y | -     | IF       | -      | -                | AT/ABOVE 2300     |            | SCTWN4.SHUFL            |
| DOSCO       | 382559.96N/1201135.43W | Y | FB    | TF       | 100.90 | 60.40            | AT/ABOVE 14000    |            |                         |
| DUNGN       | 381243.12N/1185415.01W | Y | FB    | TF       | 101.90 | 62.29            |                   |            |                         |
| DRAGN       | 380608.83N/1181751.76W | Y | FB    | TF       | 102.70 | 29.44            |                   |            |                         |
| SHUFL       | 374654.63N/1173921.52W | Y | FB    | TF       | 122.05 | 36.01            |                   |            |                         |
|             |                        |   |       |          |        |                  |                   |            |                         |
| SCTWN       | 383750.57N/1212704.47W | Y | -     | IF       | -      | -                | AT/ABOVE 2300     |            | SCTWN4.MACUS            |
| DNGER       | 383854.47N/1204220.48W | Y | FB    | TF       | 088.03 | 35.07            | AT/ABOVE 9000     |            |                         |
| MACUS       | 395300.00N/1184800.00W | Y | FB    | TF       | 049.59 | 115.61           |                   |            |                         |
|             |                        |   |       |          |        |                  |                   |            |                         |
| SCTWN       | 383750.57N/1212704.47W | Y | -     | IF       | -      | -                | AT/ABOVE 2300     |            | SCTWN4.RALEY            |
| DNGER       | 383854.47N/1204220.48W | Y | FB    | TF       | 088.03 | 35.07            | AT/ABOVE 9000     |            |                         |
| RALEY       | 383419.70N/1181403.63W | Y | FB    | TF       | 091.48 | 116.31           |                   |            |                         |

