# FEDERAL AVIATION ADMINISTRATION
# FLIGHT STANDARDS SERVICE
# VOR STANDARD INSTRUMENT APPROACH PROCEDURE
# TITLE 14 CFR PART 97.23

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.

| AIRPORT ID | PROCEDURE NAME | ORIGINAL/AMENDMENT | CITY | STATE |
|---|---|---|---|---|
| KCOS | VOR RWY 17L | ORIG | COLORADO SPRINGS | CO |

| AIRPORT ELEVATION | TDZE | SUPERSEDED | ORIGINAL/AMENDMENT | DATED | MAG VAR | EPOCH YEAR |
|---|---|---|---|---|---|---|
| 6187 | 6187 | | NONE | | 8E | 2020 |

| FACILITY | COORDINATES OF FACILITIES | ACTUAL EFFECTIVE DATE | REQUIRED EFFECTIVE DATE | CANCEL/SUSPEND |
|---|---|---|---|---|
| BRK | 385640.24N / 1043800.48W | 8 SEPTEMBER 2022 | ROUTINE | |

## TERMINAL ROUTES

| FROM | FIX TYPE | TO | FIX TYPE | LEG TYPE | FO/FB | RNP | COURSE | DISTANCE | ALTITUDE |
|---|---|---|---|---|---|---|---|---|---|
| AFDUC INT/BRK 8.00 DME CCW | IAF | AFOGO/BRK 8.00 DME | NOPT | | | | 8.00 DME ARC | | 9000 |
| AFOGO/BRK 8.00 DME | IF | BRK VOR/DME | | | | | 189.66 | 8.00 | 8900 |

## MISSED APPROACH

**MAP:**
8.08 NM AFTER BRK VOR/DME OR AT BRK 8.08 DME

**MISSED APPROACH INSTRUCTIONS:**
CLIMB TO 7900 THEN CLIMBING LEFT TURN TO 9000 ON HEADING 045 AND BRK VOR/DME R-091 TO ADANE INT/BRK VOR/DME 11.11 DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

**1. PT** R **SIDE OF COURSE** 009.66 **OUTBOUND** 9200 **FT WITHIN** 10 **MILES OF** BRK VOR/DME (IAF)

**2.**

**3. FAC:** 189.66 **FAF:** BRK VOR/DME **DIST FAF TO MAP:** 8.08 **DIST FAF TO THLD:** 8.08

**4. MIN ALT:** BRK VOR/DME 8900

**8. MSA FROM:** BRK VOR/DME 185-325 15400, 325-185 9100

**EQUIPMENT REQUIREMENTS NOTES:**

DME AND RADAR REQUIRED FOR PROCEDURE ENTRY AT AFDUC.

**NOTES:**

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.

QUALITY 29 CHECKED

| AIRPORT ID | PROCEDURE NAME | ORIGINAL/AMENDMENT | CITY | STATE |
|---|---|---|---|---|
| KCOS | VOR RWY 17L | ORIG | COLORADO SPRINGS | CO |

**ADDITIONAL FLIGHT DATA:**

CHART 9200 PRIOR TO BRK VOR/DME IN PROFILE.
HOLD E, LT, 270.80 INBOUND.
FAS OBST: 7080 AAO 385557N/1043935W.
7160 AAO 385653N/1043907W.
CHART VDP AT 4.35 DME
DISTANCE VDP TO THLD 3.73 NM.
CHART BRK R-091 AT AFDUC.
CHART CIRCLING ICON.
BRK TO RW17L: 3.10/53.

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

**ALTERNATE:** NA ☐ CAT A, B 1300-2, CAT C, D 1300-3

| 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-17L | 7440 | 1 1/4 | 1253 | 7440 | 1 1/2 | 1253 | 7440 | 3 | 1253 | 7440 | 3 | 1253 | | | |
| CIRCLING | 7440 | 1 1/4 | 1253 | 7440 | 1 1/2 | 1253 | 7440 | 3 | 1253 | 7440 | 3 | 1253 | | | |

**CHANGES - REASONS**

5/3/22. THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 1/11/22.
1. REMOVED STEPDOWN BOBCE FIX MINIMUMS.
2. FAS OBST CHANGED FROM 6800 AAO 385206N/1043858W TO 7080 AAO 385557N/1043935W.
3. REMOVED 7:1 OBSTACLE 6820 AAO 385235N/1043847W.
4. VDP CHANGED FROM VDP AT 5.52 DME DISTANCE VDP TO THLD 2.55 NM TO VDP AT 4.35 DME DISTANCE VDP TO THLD 3.73 NM.
5. REMOVED LINE 4 BOBCE/BRK 4.43 DME 7440.
6. CHANGED MISSED APPROACH INSTRUCTIONS FROM CLIMB TO 7300 THEN CLIMBING LEFT TURN TO 9000 ON HEADING 045 DEGREES AND BRK VOR/DME R-091 TO ADANE INT/BRK VOR/DME 11.11 DME AND HOLD TO CLIMB TO 7900 THEN CLIMBING LEFT TURN TO 9000 ON HEADING 045 AND BRK VOR/DME R-091 TO ADANE INT/BRK VOR/DME 11.11 DME AND HOLD.

**COORDINATED WITH:**

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZDV ARTCC, DEN APP, KCOS ATCT, KCOS APT MGR.

| | | | |
|---|---|---|---|
| FLIGHT CHECKED BY<br>DANIEL CHARLES FAVORITE | *Digitally signed by* ***ALLAN WILL*** May 23, 2022 | OFFICE<br>FIOG | DATE<br>04/19/2022 |
| DEVELOPED BY<br>ALLAN WILL (MICHAEL OLVERA) | *Digitally signed by* ***PHILLIP BRANDENBURG*** May 16, 2022 | OFFICE<br>AJV-A423 | DATE<br>01/11/2022 |
| APPROVED BY<br>MARLON ROBINSON | *Digitally signed by* ***ALLAN WILL*** May 23, 2022 | OFFICE<br>AJV-A420 | DATE | TITLE<br>MANAGER |

QUALITY 29 CHECKED