

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
NDB STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.27**

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> KCOS | <u>PROCEDURE NAME</u> NDB RWY 35L | <u>ORIGINAL/AMENDMENT</u> 28 | <u>CITY</u> COLORADO SPRINGS | <u>STATE</u> CO | | |
| <u>AIRPORT ELEVATION</u> 6187 | <u>TDZE</u> 6075 | <u>SUPERSEDED</u> NDB RWY 35L | <u>ORIGINAL/AMENDMENT</u> 27A | <u>DATED</u> 08/17/2017 | <u>MAG VAR</u> 8E | <u>EPOCH YEAR</u> 2020 |
| <u>FACILITY</u> COS | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 19 MAY 2022 | <u>REQUIRED EFFECTIVE DATE</u> ROUTINE | <u>CANCEL/SUSPEND</u> | | |

TERMINAL ROUTES

| FROM | FIX TYPE | TO | FIX TYPE | LEG TYPE | FO/FB | RNP | COURSE | DISTANCE | ALTITUDE |
|-------------------------|----------|-------------------------|----------|----------|-------|-----|--------|-------------------|----------|
| PUB VORTAC | IAF | MIDAY INT/PUB 21.41 DME | | | | | 312.93 | 21.41 | 8000 |
| MIDAY INT/PUB 21.41 DME | IF | CO NDB | | | | | 351.94 | 7.38 (CO BRG-172) | 8000 |

MISSED APPROACH

MAP:

5.96 NM AFTER CO NDB

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 6700 THEN CLIMBING RIGHT TURN TO 9000 ON HEADING 051 AND ON BRK VOR/DME R-091 TO ADANE INT/BRK 11.11 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT L SIDE OF COURSE 172.18 OUTBOUND 8000 FT WITHIN 10 MILES OF CO NDB (IAF)
- 2.
3. FAC: 352.18 FAF: CO NDB DIST FAF TO MAP: 5.96 DIST FAF TO THLD: 5.96
4. MIN ALT: CO NDB 8000
8. MSA FROM: CO NDB 071-201 8100, 201-341 15300, 341-071 9100

EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PUB VORTAC AIRWAY RADIALS 267 CW 354.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: RADAR MONITORING REQUIRED WHEN R-2601 IN USE.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-35L CAT A/B VISIBILITY RVR 5500, AND CAT C/D TO 1 3/8 SM.



ADDITIONAL FLIGHT DATA:

CHART MANDATORY 9600 AT CO NDB.
 HOLD E, LT, 270.80 INBOUND.
 CHART FAS OBST: 6228 POLE (08-048326) 384646N/1044133W.
 CHART AIRBURST X MOA.
 CHART AIRBURST Y MOA.
 CHART AIRBURST Z MOA.
 CHART R-2601 A.
 CHART R-2601 B.
 CHART R-2602.
 CHART 9600 PRIOR TO CO NDB IN PROFILE.
 CHART CIRCLING ICON.
 CO NDB TO RW35L: 3.0/55.

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT C 800-2 1/4, CAT D 1100-3

| 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-35L | 6540 | 4000 | 465 | 6540 | 4000 | 465 | 6540 | 5000 | 465 | 6540 | 5000 | 465 | | | | |
| CIRCLING | 6740 | 1 | 553 | 6760 | 1 | 573 | 6980 | 2 1/4 | 793 | 7240 | 3 | 1053 | | | | |

CHANGES - REASONS

1. CHANGED "PETEY LOM" TO "CO NDB" THROUGHOUT FORM - PETEY LOM DECOMMISSIONED, PER ATC/FPT REQUEST.
2. TERMINAL ROUTES: DELETED FEEDER FROM BRK VOR/DME TO PETEY LOM - PETEY LOM DECOMMISSIONED, PER ATC/FPT REQUEST.
3. DELETED ALTERNATE MISSED APPROACH AND ASSOCIATED DATA IN ADDITIONAL FLIGHT DATA - PER ATC/FPT REQUEST.
4. PROFILE LINE 1: CHANGED OUTBOUND COURSE FROM "171.94" TO "172.18" - ALIGN COURSE WITH FAC.
5. PROFILE LINE 8: CHANGED 201-341 ALTITUDE FROM "15400" TO "15300" - NEW EVALUATION.
6. NOTES: ADDED "CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - IAW 8260.19I, 8-6-9.M (2).
7. NOTES: CHANGED "FOR INOPERATIVE MALSR, INCREASE S-35L CATS C AND D VISIBILITY TO 1 3/8 MILE" TO "FOR INOPERATIVE ALS, INCREASE NDB CAT A/B VISIBILITY RVR 5500, AND CAT C/D TO 1 3/8 SM" - IAW 8260.19I, 8-6-11.O(3)(D).
8. ADDITIONAL FLIGHT DATA: ADDED "CHART MANDATORY 9600 AT CO NDB" - PER ATC/FPT REQUEST.
9. ADDITIONAL FLIGHT DATA: ADDED OBSTACLE ID TO FAS OBSTACLE - IAW 8260.19I, 8-6-10.C.
10. ADDITIONAL FLIGHT DATA: ADDED AIRBURST X, Y, AND Z MOAS, R-2602, AND CHANGED R-2601 TO R-2601 A AND B - IAW 8260.19I, 8-6-10.I.
11. ADDITIONAL FLIGHT DATA: CHANGED "CHART 10800 PRIOR TO PETEY LOM IN PROFILE" TO "CHART 9600 PRIOR TO CO NDB IN PROFILE" - NEW EVALUATION AND LOWER ALTITUDE PER ATC/FPT REQUEST.
12. ADDITIONAL FLIGHT DATA: CHANGED "PETEY LOM TO RWY 35L: 2.98/71.1" TO "CO NDB TO RW35L: 3.0/55" - MATCHED VDA AND VGSI ANGLES, VDA MUST BE GREATER THAN OR EQUAL TO VGSI ANGLE IAW 8260.3E, 2-6-2.B.
13. ALTERNATE: CHANGED FROM "STANDARD - CAT C 900-2 1/2, CAT D 1100-3" TO "STANDARD - CAT C 800-2 1/4, CAT D 1100-3" - IAW 8260.3E, TABLE 3-3-1.
14. MINIMUMS: LOWERED CIRCLING MDA/HAA CAT B FROM "6800/613" TO "6760/573," CAT C FROM "7040/853" TO "6980/793," CAT D FROM "7260/1073" TO "7240/1053" - NEW EVALUATION, ALTERNATE MISSED APPROACH DELETED.
15. MINIMUMS: LOWERED CIRCLING CAT C VISIBILITY FROM "2 1/2" TO "2 1/4" - IAW 8260.3E, TABLE 3-3-1.



COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZDV, SPRINGS APP CON, AMGR

FLIGHT CHECKED BY

GARY J VEER

Digitally signed by
DONALD H LANIER
Mar 08, 2022

OFFICE

FPO

DATE

03/01/2022

DEVELOPED BY

JASON KRETSCHMER (KARNA MORE)

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OFFICE

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DATE

12/21/2021

APPROVED BY

MARLON ROBINSON

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DATE

TITLE
MANAGER

