

**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>              | <u>AIRPORT ID</u>                | <u>PROCEDURE NAME</u>        | <u>ORIGINAL/AMENDMENT</u>      | <u>CITY</u>           | <u>STATE</u>   |                   |
| COLORADO AIR AND SPACE PORT | KCFO                             | RNAV (GPS) RWY 35            | 2A                             | DENVER                | CO             |                   |
| <u>AIRPORT ELEVATION</u>    | <u>TDZE</u>                      | <u>SUPERSEDED</u>            | <u>ORIGINAL/AMENDMENT</u>      | <u>DATED</u>          | <u>MAG VAR</u> | <u>EPOCH YEAR</u> |
| 5515                        | 5515                             | RNAV (GPS) RWY 35            | 2                              | 09/13/2018            | 8E             | 2015              |
| <u>FACILITY</u>             | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> | <u>REQUIRED EFFECTIVE DATE</u> | <u>CANCEL/SUSPEND</u> |                |                   |
| RNAV                        |                                  | 30 JANUARY 2020              | ROUTINE                        |                       |                |                   |

**TERMINAL ROUTES**

| <u>FROM</u>           | <u>FIX TYPE</u> | <u>TO</u>             | <u>FIX TYPE</u> | <u>LEG TYPE</u> | <u>FO/FB</u> | <u>RNP</u> | <u>COURSE</u> | <u>DISTANCE</u> | <u>ALTITUDE</u> |
|-----------------------|-----------------|-----------------------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| FQF VORTAC            |                 | HRMER                 |                 | TF              | FO           | 1.00       | 136.83        | 7.79            | 8600            |
| AVNEW                 | IAF             | HRMER                 | NOPT            | TF              | FB           | 1.00       | 301.41        | 6.12            | 8300            |
| HRMER                 | IF/IAF          | ARRES                 |                 | TF              | FB           | 1.00       | 351.99        | 4.72            | 7500            |
| ARRES                 | FAF             | IBUTE/2.70 NM TO RW35 |                 | TF              | FB           | 0.30       | 351.99        | 3.36            |                 |
| IBUTE/2.70 NM TO RW35 |                 | RW35                  | MAP             | TF              | FO           | 0.30       | 351.99        | 2.70            |                 |
| RW35                  | MAP             | 5715 MSL              |                 | CA              |              |            | 351.99        |                 |                 |
| 5715 MSL              |                 | CUDNI                 |                 | DF              | FB           | 1.00       |               |                 |                 |
| CUDNI                 |                 | PHLAT                 |                 | TF              | FO           | 1.00       | 352.62        | 9.47            | 8000            |

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW35

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 8000 DIRECT CUDNI AND ON TRACK 352.62 TO PHLAT AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD S HRMER, RT, 351.99 INBOUND, 8300 FT. IN LIEU OF PT (IAF), MAX 14000.

3. FAC: 351.99FAF: ARRESDIST FAF TO MAP: 6.06DIST FAF TO THLD: 6.06

4. MIN ALT: HRMER 8300, ARRES 7500, IBUTE/2.70 NM TO RW35 6420\*

5. DIST TO THLD FROM OM:MM:IM:150 HAT:200 HAT: 0.46GS ANT:

6. MIN GP INCPT: 7500GP ALT AT FAF : ARRES 7500OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 54.4

8. MSA FROM: RW35 8200

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25°C OR ABOVE 46°C.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 SM.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FQF VORTAC AIRWAY RADIALS 078 CW 220.

ADDITIONAL FLIGHT DATA:

CHART DENVER INTL IN PLANVIEW.  
CHART CIRCLING ICON.  
CHART VDP AT 1.47 NM TO RW35\*  
\*LNAV ONLY  
WAAS CHANNEL #93809  
REFERENCE PATH ID: W35A  
CHART FAS OBST: 5733 TOWER 394339N/1043135W.  
6100 AAO 393932N/1042957W.  
HOLD NE, RT, 217.66 INBOUND  
LTP HAE: 1662.9 M

MINIMUMS:

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

ALTERNATE: NA

☐

STANDARD - CAT D 800-2 1/2, 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       | 5715   | 1/2 | 200     | 5715   | 1/2 | 200     | 5715   | 1/2   | 200     | 5715   | 1/2   | 200     |        |     |         |
| LNAV/VNAV DA | 5783   | 1/2 | 268     | 5783   | 1/2 | 268     | 5783   | 1/2   | 268     | 5783   | 1/2   | 268     |        |     |         |
| LNAV MDA     | 6040   | 1/2 | 525     | 6040   | 1/2 | 525     | 6040   | 1     | 525     | 6040   | 1     | 525     |        |     |         |
| CIRCLING     | 6040   | 1   | 525     | 6040   | 1   | 525     | 6100   | 1 1/2 | 585     | 6300   | 2 1/2 | 785     |        |     |         |



**CHANGES - REASONS**

- 1. UPDATED AIRPORT NAME FROM "FRONT RANGE" TO "COLORADO AIR AND SPACE PORT". - AIRPORT NAME CHANGED.
- 2. UPDATED AIRPORT ID FROM "KFTG" TO "KCFO". - AIRPORT ID CHANGED.
- 3. UPDATED FAS DATA CRC REMAINDER FROM "FFD2D5DD" TO "20980EAB". - AIRPORT ID CHANGED.
- 4. CHANGED FEEDER ROUTE RNP VALUE FROM 2.00 TO 1.00. - CURRENT CRITERIA.
- 5. ADDED "MAX 14000" TO HOLD-IN-LIEU ON LINE 2. - IAW 8206.19H 8-6-7B(2).
- 6. ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE" TO ALTERNATE MINIMUMS. - MANAGEMENT DIRECTED.

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZDV, DEN APP CON, CFO TOWER, AMGR

**FLIGHT CHECKED BY**

SCOTT WIEBE

*Digitally signed by* **OFFICE** **DATE**  
**WARDELL HENNING** FICO 10/18/19  
Oct 21, 2019

**DEVELOPED BY** *Digitally signed by*  
CHRISTINE BAYSE **CHRISTINE BAYSE**  
Sep 04, 2019

**OFFICE** **DATE**  
AJV-A432 08/23/2019

**APPROVED BY** *Digitally signed by*  
GEORGE DAVIS **WARDELL HENNING**  
Oct 21, 2019

**OFFICE** **DATE** **TITLE**  
AJV-A430  
MANAGER



FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u>                        | <u>DATA</u>   |
|------------------------------------------|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | KCFO          |
| RUNWAY                                   | RW35          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          |               |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W35A          |
| LTP/FTP LATITUDE                         | 394549.1035N  |
| LTP/FTP LONGITUDE                        | 1043127.2290W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +16629        |
| FPAP LATITUDE                            | 394718.2750N  |
| FPAP LONGITUDE                           | 1043127.2490W |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00054.4       |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F             |
| GLIDEPATH ANGLE (GPA)                    | 03.00         |
| COURSE WIDTH AT THRESHOLD                | 106.75        |
| LENGTH OFFSET                            | 0312          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 35.0          |
| CRC REMAINDER                            | 20980EAB      |

ADDITIONAL PATH POINT RECORD INFORMATION

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K2     |
| LTP ORTHOMETRIC HEIGHT  | +16810 |
| FPAP ORTHOMETRIC HEIGHT | +16810 |

