| Flight Procedure Tracking Form | Action: FLIGHT CHECK | Task Type: IAP | Date Open: 06/14/2011 | Task #: 2011061321613125001 | Request #: 20110613216131 |
|---|---|---|---|---|---|
| Procedure: RNAV (GPS) RWY 36 AMDT 1 | | Airport ID: KCDS | Airport: CHILDRESS MUNI | | Reimbursable #: |
| City: CHILDRESS | ST: TX | GPS #: | | Estimated Chart Date: 05/02/2013 | FICO #: |
| Fac ID: | Fac. Type: LPV-200 HAT | | Specialist: MICAH DOEDEN(Contractor) | | |

LPV

## Procedure Review

| | Rec'd | Rel'd | Full Name | Comments |
|---|---|---|---|---|
| Lead: | 10/16/2012 | 12/12/2012 | JEFF RAWDON | |
| QA: | 12/12/2012 | 12/17/2012 | SCOTT BEARD | |
| Liaison: | 12/17/2012 | | Spurlin | |

P1

**Procedure Comments:** ENROUTE **Remark Type:** INFORMATION

pkg 1 of 1

CHILDRESS, TX CHILDRESS MUNI (KCDS) RNAV (GPS) RWY 36, AMDT 1 (LPV) ENROUTE-YES FC: 3.5.13 PUB: 5.2.13

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): CHILDRESS (CDS) VTAC, REV 7; EXONE-INT, REV 2; FIPIT, ORIG; HUTOM, ORIG; JAPUX-INT, ORIG; PAWAE-INT, REV 2; RIFUG, REV 2; WUDBU, ORIG; ZELOM, ORIG.
REQUEST FLIGHT CHECK VERIFICATION FOR 2134 MSL TANK 342621.22N/1001609.41W.

CONTACT: JILL OLSON/STEVE BARNETT -AVJ-353 LEADS, 405.954.4014 / 405.954.9307.

| WAAS | APP CRS | Rwy ldg | 5949 |
|---|---|---|---|
| CH 97432 | 356° | THRE | 1954 |
| W36A | | Apt Elev | 1954 |

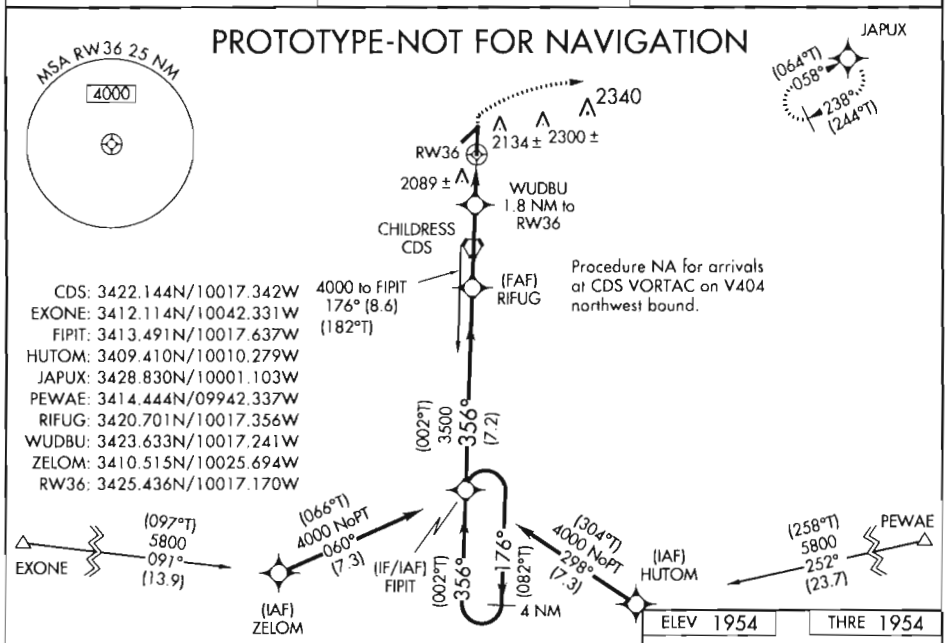
NEW

# RNAV (GPS) RWY 36
## CHILDRESS MUNI (CDS)

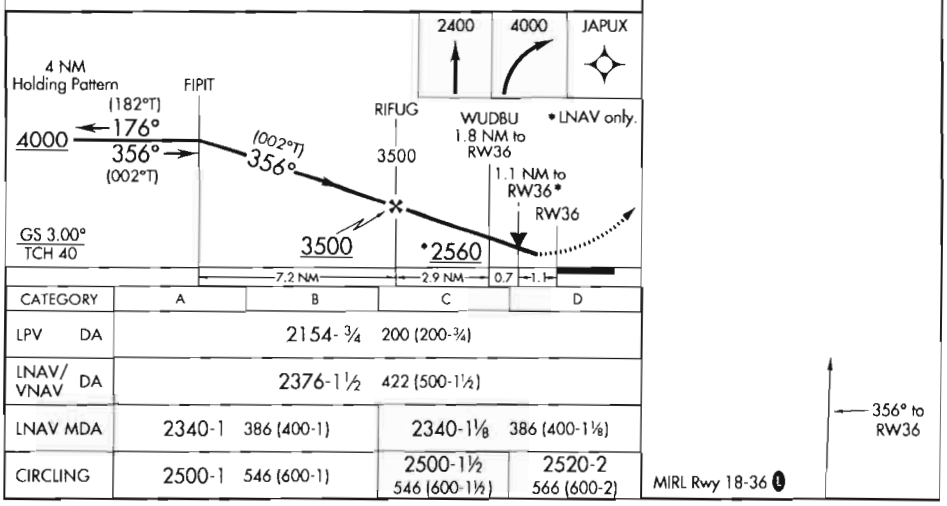
Circling to Rwy 4, 18, 22 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -10°C (14°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Altus Quartz Mountain Rgnl altimeter setting and increase all DA 188 feet, all MDA 200 feet and increase LPV all Cats visibility ⅝ mile, LNAV/VNAV all Cats visibility ¾ mile, LNAV Cats C and D visibility ⅝ mile, Circling Cat C visibility ¾ mile, and Circling Cat D visibility ½ mile. Baro-VNAV and VDP NA with Altus/Quartz Mountain Rgnl altimeter setting.

MISSED APPROACH: Climb to 2400 then climbing right turn to 4000 direct JAPUX and hold.

| ASOS | FORT WORTH CENTER | UNICOM |
|---|---|---|
| 135.125 | 133.5 350.35 | 122.8 (CTAF) |




ELEV 1954 THRE 1954




| CATEGORY | A | B | C | D |
|---|---|---|---|---|
| LPV DA | 2154-¾ 200 (200-¾) | | | |
| LNAV/VNAV DA | 2376-1½ 422 (500-1½) | | | |
| LNAV MDA | 2340-1 386 (400-1) | | 2340-1⅛ 386 (400-1⅛) | |
| CIRCLING | 2500-1 546 (600-1) | | 2500-1½ 546 (600-1½) | 2520-2 566 (600-2) |

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

# RNAV - STANDARD
# INSTRUMENT APPROACH PROCEDURE
# TITLE 14 CFR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

## TERMINAL ROUTES

| FROM | TO | COURSE AND DISTANCE | ALTITUDE |
|---|---|---|---|
| CDS VORTAC | FIPIT (FO) | 175.63 / 8.64 | 4000 |
| PEWAE | HUTOM (FB) | 251.90 / 23.72 | 5800 |
| EXONE | ZELOM (FB) | 090.52 / 13.89 | 5800 |
| ZELOM (IAF) | FIPIT (NOPT) (FB) | 059.99 / 7.31 | 4000 |
| HUTOM (IAF) | FIPIT (NOPT) (FB) | 297.75 / 7.34 | 4000 |
| FIPIT (IF/IAF) | RIFUG (FB) | 355.86 / 7.20 | 3500 |
| RIFUG (FAF) | WUDBU/1.80 NM TO RW36 (FB) | 355.86 / 2.93 | |
| (SEE FORM 8260-10) | | | |

## MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW36

CLIMB TO 2400 THEN CLIMBING RIGHT TURN TO 4000 DIRECT JAPUX AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S FIPIT, RT, 355.86 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 355.86 FAF: RIFUG DIST FAF TO MAP: 4.73 THLD: 4.73
4. MIN. ALT: FIPIT 4000, RIFUG 3500, WUDBU/1.80 NM TO RW36 2560*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3500 GS ALT AT: RIFUG 3500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: RW36 4000

**ADDITIONAL FLIGHT DATA:**
HOLD SW, RT, 057.66 INBOUND.
CHART FAS OBST: 2089 TREE 342429N/1001748W
DISTANCE TO THLD FROM 200 HATH: 0.50 NM.
CHART VDP AT 1.09 MILES TO RW36*
*LNAV ONLY.
WAAS CHANNEL # 97432
REFERENCE PATH ID: W36A
LTP HAE: 567.4 M

MAG VAR: 6E EPOCH YEAR: 2010

## MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD @

| CATEGORY =====> | A | | | B | | | C | | | D | | | E | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA |
| LPV DA | 2154 | 3/4 | 200 | 2154 | 3/4 | 200 | 2154 | 3/4 | 200 | 2154 | 3/4 | 200 | | | |
| LNAV/VNAV DA | 2376 | 1 1/2 | 422 | 2376 | 1 1/2 | 422 | 2376 | 1 1/2 | 422 | 2376 | 1 1/2 | 422 | | | |
| LNAV MDA | 2340 | 1 | 386 | 2340 | 1 | 386 | 2340 | 1 1/8 | 386 | 2340 | 1 1/8 | 386 | | | |
| CIRCLING | 2500 | 1 | 546 | 2500 | 1 | 546 | 2500 | 1 1/2 | 546 | 2520 | 2 | 566 | | | |

NOTES:
CHART NOTE: CIRCLING TO RWY 4, 18, 22 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -10C (14F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECKED

| CITY AND STATE | ELEVATION: 1954 THRE: 1954 | FACILITY IDENTIFIER: | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| CHILDRESS, TX | AIRPORT NAME: CHILDRESS MUNI | RNAV | RNAV (GPS) RWY 36, AMDT 1 | AMDT: ORIG |
| | | | | DATED 03/10/2011 |

| ALL AFFECTED PROCEDURES REVIEWED? | COORDINATES OF FACILITIES | REQUIRED EFFECTIVE DATE |
|---|---|---|
| [ ] YES [X] NO | | ROUTINE |

COORDINATED WITH:

| ATA | AAT | ALPA | APA | AOPA | NBAA | OTHER (specify) |
|---|---|---|---|---|---|---|
| [ ] | [ ] | [X] | [ ] | [X] | [X] | [X] ZFW, ARPT MGR |

| FLIGHT CHECKED BY | | |
|---|---|---|
| NAME: | FIFO | DATE: |
| **DEVELOPED BY** | | |
| NAME: JILL OLSON (MICAH DOEDEN) | FIFO AJV-353 | DATE: 11/01/2012 |
| **APPROVED BY** | | |
| NAME: LARRY H STROUT MANAGER | FIFO AJV-353 | DATE: |

CHANGES:

1. CDS VORTAC FEEDER SEGMENT TERMINATION CHANGED FROM EKHEV TO FIPIT; COURSE/DISTANCE CHANGED FROM 175.59/7.48 TO 175.63/8.64.
2. EXONE FEEDER SEGMENT TERMINATION CHANGED FROM HAXUB TO ZELOM; COURSE/DISTANCE CHANGED FROM 074.06/15.75 TO 090.52/13.89.
3. PEWAE FEEDER SEGMENT TERMINATION CHANGED FROM FOXIG TO HUTOM; COURSE/DISTANCE CHANGED FROM 264.24/24.23 TO 251.90/23.72.
4. REPLACED HAXUB TO EKHEV INITIAL SEGMENT WITH ZELOM TO FIPIT INITIAL SEGMENT; COURSE/DISTANCE CHANGED FROM 085.80/5.00 TO 059.99/7.31.
5. REPLACED FOXIG TO EKHEV INITIAL SEGMENT WITH HUTOM TO FIPIT INITIAL SEGMENT; COURSE/DISTANCE CHANGED FROM 265.82/5.00 TO 297.75/7.34.
6. EXONE AND PEWAE FEEDER SEGMENT MINIMUM ALTITUDES CHANGED FROM 4000 TO 5800.
7. IF/IAF RENAMED FROM EKHEV TO FIPIT.
8. INTERMEDIATE SEGMENT DISTANCE CHANGED FROM 6.10 TO 7.20.
9. DIST FAF TO MAP AND THLD CHANGED FROM 4.67 TO 4.73.
10. ADDED WUDBU STEPDOWN FIX.
11. REPLACED VDA WITH GS/TCH DATA.
12. MISSED APPROACH CHANGED FROM "CLIMBING RIGHT TURN TO 4000 DIRECT EKHEV AND HOLD" TO "CLIMB TO 2400 THEN CLIMBING RIGHT TURN TO 4000 DIRECT JAPUX AND HOLD."
13. VDP DISTANCE CHANGED FROM 1.21 TO 1.09 MILES TO RW36.

SEE 8260-10

REASONS:

1, 2, 3, 4, 5, 6. FPT REQUEST; COURSE/DISTANCES RECALCULATED FROM RELOCATED FIXES.
7. FIX MOVED GREATER THAN 1 NM.
8. PFAF COORDINATES RECALCULATED WITH 8260.54A FORMULA 2-16B; INTERMEDIATE FIX RELOCATED.
9. PFAF COORDINATES RECALCULATED WITH 8260.54A FORMULA 2-16B.
10, 15, 16. ACHIEVED LOWER VISIBILITY WITH REDUCTION OF MINIMA.
11. IAW 8260.19D PARA 852G.
12, 14. FPT REQUEST.
13. LNAV MDA LOWERED.
17. IAW 8260.3B CHAPTER 3; NO RUNWAY SURVEYS AVAILABLE - UNABLE TO VERIFY VISUAL SURFACES.
18. ADDED AND REVISED MINIMA; RECALCULATIONS IAW 8260.3B CHAPTER 3.
19. IAW 8260.19D PARA 497.
20. IAW 8260.19D PARA 855E(8).
21. ARRIVAL ANGLES GREATER THAN 90 DEG; IAW 8260.54A PARA 2.8.2.

QUALITY 2 CHECKED

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**TERMINAL ROUTES, (CONT.):**

| FROM | TO | COURSE AND DISTANCE | ALTITUDE |
|---|---|---|---|
| WUDBU/1.80 NM TO RW36 | RW36 (MAP) (FO) | 355.86 / 1.80 | |
| RW36 (MAP) | 2400 MSL | | 2400 |
| 2400 MSL | JAPUX (FO) | | 4000 |

**NOTES, (CONT.):**

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CDS VORTAC ON V404 NORTHWEST BOUND.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ALTUS/QUARTZ MOUNTAIN RGNL ALTIMETER SETTING AND INCREASE ALL DA 188 FT, ALL MDA 200 FT AND INCREASE LPV ALL CATS VISIBILITY 5/8 MILE, LNAV/VNAV ALL CATS VISIBILITY 3/4 MILE, LNAV CATS C AND D VISIBILITY 5/8 MILE, CIRCLING CAT C VISIBILITY 3/4 MILE, AND CIRCLING CAT D VISIBILITY 1/2 MILE.

CHART NOTE: BARO-VNAV AND VDP NA WITH ALTUS/QUARTZ MOUNTAIN RGNL ALTIMETER SETTING.

QUALITY 2 CHECKED

| CITY AND STATE | ELEVATION: 1954 THRE: 1954 | FACILITY IDENTIFIER: | PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| CHILDRESS, TX | AIRPORT NAME: CHILDRESS MUNI | RNAV | RNAV (GPS) RWY 36, AMDT 1 | AMDT: ORIG |
| | | | | DATED: 03/10/2011 |

| ALL AFFECTED PROCEDURES REVIEWED? | COORDINATES OF FACILITIES | REQUIRED EFFECTIVE DATE |
|---|---|---|
| ☐ YES ☐ NO | | |

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

| FLIGHT CHECKED BY | | |
|---|---|---|
| NAME: | FIFO | DATE: |
| **DEVELOPED BY** | | |
| NAME: | FIFO | DATE: |
| **APPROVED BY** | | |
| NAME: | FIFO | DATE: |

CHANGES:

**CHANGES CONT.**
**14. ADDED LPV AND LNAV/VNAV LINES OF MINIMA. 15. LNAV MDA/HAT CHANGED FROM 2380/426 TO 2340/386. 16. LNAV CATS C/D VISIBILITY CHANGED FROM 1 1/4 TO 1 1/8 MILE. 17. ADDED CHART NOTE "CIRCLING TO RWY 4, 18, 22 NA AT NIGHT." 18. UPDATED B/U ALSTG NOTE TO ADD DA ADJUSTMENT AND LPV AND LNAV/VNAV VISIBILITY ADJUSTMENTS; UPDATED LNAV AND CIRCLING VISIBILITY ADJUSTMENTS FROM "...INCREASE LNAV CAT C VISIBILITY 1/2 MILE, CAT D VISIBILITY 3/4 MILE, INCREASE CIRCLING CAT B VISIBILITY 1/4 MILE, CAT C VISIBILITY 3/4 MNILE, AND CAT D VISIBILITY 1/2 MILE." TO "...LNAV CATS C AND D VISIBILITY 5/8 MILE, CIRCLING CAT C VISIBILITY 3/4 MILE, AND CIRCLING CAT D VISIBILITY 1/2 MILE." 19. ADDED BARO-VNAV TEMPERATURE RESTRICTION NOTE. 20. ADDED BARO-VNAV RESTRICTION NOTE WITH B/U ALSTG NOTE. 21. ADDED NOTE RESTRICTING ARRIVALS AT CDS VORTAC.**

REASONS:

QUALITY 2 CHECKED

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## FAS DATA BLOCK INFORMATION

| DATA FIELD | DATA |
|---|---|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KCDS |
| RUNWAY | RW36 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W36A |
| LTP/FTP LATITUDE | 342526.1325N |
| LTP/FTP LONGITUDE | 1001710.2210W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +05674 |
| FPAP LATITUDE | 342655.3400N |
| FPAP LONGITUDE | 1001706.7200W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00040.0 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.00 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 0936 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 35.0 |
| CRC REMAINDER | 682DB517 |

## ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|---|---|
| ICAO CODE | K4 |
| LTP ORTHOMETRIC HEIGHT | +05955 |
| FPAP ORTHOMETRIC HEIGHT | +05955 |

QUALITY 2 CHECKED

| CITY AND STATE | ELEVATION: 1954 THRE: 1954 | FACILITY IDENTIFIER: | PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| CHILDRESS, TX | AIRPORT NAME: CHILDRESS MUNI | RNAV | RNAV (GPS) RWY 36, AMDT 1 | AMDT: ORIG |
| | | | | DATED: 03/10/2011 |

| ALL AFFECTED PROCEDURES REVIEWED? | COORDINATES OF FACILITIES | REQUIRED EFFECTIVE DATE |
|---|---|---|
| ☐ YES ☐ NO | | |

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

| FLIGHT CHECKED BY | | |
|---|---|---|
| NAME: | FIFO | DATE: |
| **DEVELOPED BY** | | |
| NAME: | FIFO | DATE: |
| **APPROVED BY** | | |
| NAME: | FIFO | DATE: |

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        CDS   K4011760VTLA N34220863W100172050    N34220863W100172050E0100019201     NARCHILDRESS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   EXONE K40    R   L N34120681W100421984                      E0062     NAR           EXONE
        SUSAEAENRT   FIPIT K40    W     N34132947W100173824                      E0060     NAR           FIPIT
        SUSAEAENRT   HUTOM K40    W     N34092460W100101673                      E0059     NAR           HUTOM
        SUSAEAENRT   JAPUX K40    C     N34284978W100010618                      E0058     NAR           JAPUX
        SUSAEAENRT   PEWAE K40    R   L N34142661W099422021                      E0056     NAR           PEWAE
        SUSAEAENRT   RIFUG K40    W     N34204203W100172134                      E0060     NAR           RIFUG
        SUSAEAENRT   WUDBU K40    W     N34233800W100171446                      E0060     NAR           WUDBU
        SUSAEAENRT   ZELOM K40    W     N34103087W100254164                      E0060     NAR           ZELOM

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCDSK4ACDS     0     059YHN34260160W100171680E006001954         1800018000C    MNAR    CHILDRESS MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCDSK4FR36   ACDS   010CDS  K4D 0V       IF                                                18000                A JS
        SUSAP KCDSK4FR36   ACDS   020FIPITK4EA0EY   020TF                    17560086    + 04000                            A JS
        SUSAP KCDSK4FR36   ACDS   030FIPITK4EA0EE AR   HF                    35590040    + 04000                            A JS
        SUSAP KCDSK4FR36   AEXONE 010EXONEK4EA0E       IF                                                18000                A JS
        SUSAP KCDSK4FR36   AEXONE 020ZELOMK4EA0E  A 020TF                    09050139    + 05800                            A JS
        SUSAP KCDSK4FR36   AEXONE 030FIPITK4EA0EE B 010TF                    06000073    + 04000                            A JS
        SUSAP KCDSK4FR36   APEWAE 010PEWAEK4EA0E       IF                                                18000                A JS
        SUSAP KCDSK4FR36   APEWAE 020HUTOMK4EA0E  A 020TF                    25190237    + 05800                            A JS
        SUSAP KCDSK4FR36   APEWAE 030FIPITK4EA0EE B 010TF                    29780073    + 04000                            A JS
        SUSAP KCDSK4FR36   R      010FIPITK4EA0E  I    IF                                  + 04000     18000                  A JS
        SUSAP KCDSK4FR36   R      020RIFUGK4EA1E  F 051TF                    35590072    + 03500                  RW36  K4PGA JS
        SUSAP KCDSK4FR36   R      020RIFUGK4EA2WALPV       ALNAV/VNAV ALNAV                                                    JS
        SUSAP KCDSK4FR36   R      021WUDBUK4EA0E S  031TF                    35590029    V 0256002567        -300           A JS
        SUSAP KCDSK4FR36   R      030RW36 K4PG0GY M 031TF                    35590018      01994             -300           A JS
        SUSAP KCDSK4FR36   R      040         0  M     CA                    3559        + 02400                            A JS
        SUSAP KCDSK4FR36   R      050JAPUXK4EA0EY  R   DF                                  + 04000                            A JS
        SUSAP KCDSK4FR36   R      060JAPUXK4EA0EE  R   HM                    05770040    + 04000                            A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
```

QUALITY 2 CHECKED

| CITY AND STATE | ELEVATION: 1954 THRE: 1954 | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| **CHILDRESS, TX** | AIRPORT NAME: **CHILDRESS MUNI** | **RNAV** | **RNAV (GPS) RWY 36, AMDT 1** | AMDT: **ORIG** |
| | | | | DATED: **03/10/2011** |

| ALL AFFECTED PROCEDURES REVIEWED? | COORDINATES OF FACILITIES | REQUIRED EFFECTIVE DATE |
|---|---|---|
| ☐ YES ☐ NO | | |

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

| FLIGHT CHECKED BY | | |
|---|---|---|
| NAME: | FIFO | DATE: |
| **DEVELOPED BY** | | |
| NAME: | NFPG | DATE: |
| **APPROVED BY** | | |
| NAME: | NFPG | DATE: |

CHANGES:

REASONS:

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**

**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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```
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCDSK4GRW36    0059493559 N34252613W100171022-0100    +0567401954000040075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCDSK4PR36   RW36 001 0000W36A0N3425261325W10017102210+056740300N3426553400W100170672001067509360004 00F400350682DB517
        SUSAP KCDSK4PR36   RW36 002E      +05955+05955LPV       97432

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCDSK4SRW36 K4PG               0   18018004025                                                                        M
```

QUALITY 2 CHECKED

| CITY AND STATE | ELEVATION: 1954 THRE: 1954 | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| CHILDRESS, TX | AIRPORT NAME: CHILDRESS MUNI | RNAV | RNAV (GPS) RWY 36, AMDT 1 | AMDT: ORIG |
| | | | | DATED: 03/10/2011 |

| ALL AFFECTED PROCEDURES REVIEWED? | COORDINATES OF FACILITIES | REQUIRED EFFECTIVE DATE |
|---|---|---|
| ☐ YES ☐ NO | | |

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

| FLIGHT CHECKED BY | | |
|---|---|---|
| NAME: | FIFO | DATE: |
| **DEVELOPED BY** | | |
| NAME: | NFPG | DATE: |
| **APPROVED BY** | | |
| NAME: | NFPG | DATE: |

CHANGES:

REASONS:

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**

# RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

| ROUTES | TRANSITION | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG(TRUE) | DISTANCE | ALTITUDE | SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | CDS | CDS | 010 | | IF | | FB | | | | | |
| | CDS | FIPIT | 020 | | TF | | FO | 2.0 | 175.6(181.6T) | 008.6 | AA 04000 | |
| | CDS | FIPIT | 030 | IAF | HF | R | FO | | 355.9(001.9T) | 004.0 | AA 04000 | |
| | EXONE | EXONE | 010 | | IF | | FB | | | | | |
| | EXONE | ZELOM | 020 | IAF | TF | | FB | 2.0 | 090.5(096.5T) | 013.9 | AA 05800 | |
| | EXONE | FIPIT | 030 | | TF | | FB | 1.0 | 060.0(066.0T) | 007.3 | AA 04000 | |
| | PEWAE | PEWAE | 010 | | IF | | FB | | | | | |
| | PEWAE | HUTOM | 020 | IAF | TF | | FB | 2.0 | 251.9(257.9T) | 023.7 | AA 05800 | |
| | PEWAE | FIPIT | 030 | | TF | | FB | 1.0 | 297.8(303.8T) | 007.3 | AA 04000 | |
| | | FIPIT | 010 | FACF | IF | | FB | | | | AA 04000 | |
| | | RIFUG | 020 | FAF | TF | | FB | 0.5 | 355.9(001.9T) | 007.2 | AA 03500 | |
| | | WUDBU | 021 | SDF | TF | | FB | 0.3 | 355.9(001.9T) | 002.9 | AA 02560 GS 02567 | |
| | | RW36 | 030 | MAP | TF | | FO | 0.3 | 355.9(001.9T) | 001.8 | AT 01994 | |

| MISSED APPROACH | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG(TRUE) | DISTANCE | ALTITUDE | SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 040 | | CA | | FB | | 355.9(001.9T) | | AA 02400 | |
| | JAPUX | 050 | | DF | R | FO | | | | AA 04000 | |
| | JAPUX | 060 | | HM | R | FO | | 057.7(063.7T) | 004.0 | AA 04000 | |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|---|---|---|---|---|---|
| | CDS | N342208.63 | W1001720.50 | N3422.144 | W10017.342 |
| | EXONE | N341206.81 | W1004219.84 | N3412.114 | W10042.331 |
| | FIPIT | N341329.47 | W1001738.24 | N3413.491 | W10017.637 |
| | HUTOM | N340924.60 | W1001016.73 | N3409.410 | W10010.279 |
| | JAPUX | N342849.78 | W1000106.18 | N3428.830 | W10001.103 |
| | PEWAE | N341426.61 | W0994220.21 | N3414.444 | W09942.337 |
| | RIFUG | N342042.03 | W1001721.34 | N3420.701 | W10017.356 |
| | WUDBU | N342338.00 | W1001714.46 | N3423.633 | W10017.241 |
| | ZELOM | N341030.87 | W1002541.64 | N3410.515 | W10025.694 |
| | RW36 | N342526.13 | W1001710.22 | N3425.436 | W10017.170 |

| RUNWAY DATA | RWY | THRESHOLD ELEVATION | TCH |
|---|---|---|---|
| | RW36 | 01954 | 40 |

QUALITY 2 CHECKED

| CITY AND STATE | ELEVATION: 1954 THRE: 1954 | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| CHILDRESS, TX | AIRPORT NAME: CHILDRESS MUNI | RNAV | RNAV (GPS) RWY 36, AMDT 1 | AMDT: ORIG |
| | | | | DATED: 03/10/2011 |

| ALL AFFECTED PROCEDURES REVIEWED? | COORDINATES OF FACILITIES | REQUIRED EFFECTIVE DATE |
|---|---|---|
| ☐ YES ☐ NO | | |

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

| FLIGHT CHECKED BY | | |
|---|---|---|
| NAME: | FIFO | DATE: |
| **DEVELOPED BY** | | |
| NAME: | NFPG | DATE: |
| **APPROVED BY** | | |
| NAME: | NFPG | DATE: |

CHANGES:

REASONS:

# STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

| 1. APP SEGMENT | FROM | TO | OBSTRUCTION | COORDINATES | ELEV. MSL | ROC | ALT. ADJUSTMENTS | MIN. ALT. |
|---|---|---|---|---|---|---|---|---|
| FEEDER | CDS VORTAC | FIPIT | 1. AAO | 342157.00N/1001656.85W | 2119 (2C) | 1000 | AT881 | 4000 |
| | | | 2. TERRAIN | 342157.00N/1001656.85W | 1919 (1900) | | AS1500 | 3400 |
| FEEDER | PEWAE | HUTOM | 3. AAO | 340736.00N/1001036.00W | 2051 (4E) | 1000 | AT2749 | 5800 |
| | | | 4. TERRAIN | 340736.00N/1001036.00W | 1851 (1900) | | AS1500 | 3400 |
| FEEDER | EXONE | ZELOM | 5. AAO | 341012.00N/1004303.00W | 2513 (4E) | 1000 | AT2287 | 5800 |
| | | | 6. TERRAIN | 341003.00N/1004148.00W | 2294 (2300) | | AS1500 | 3800 |
| INITIAL | ZELOM | FIPIT | 7. AAO | 341033.00N/1002630.00W | 2267 (4E) | 1000 | AT733 | 4000 |
| | | | 8. TERRAIN | 341021.00N/1002539.00W | 2012 (2000) | | AS1500 | 3500 |
| INITIAL | HUTOM | FIPIT | 9. AAO | 341333.00N/1001936.00W | 2054 (4E) | 1000 | AT946 | 4000 |
| | | | 10. TERRAIN | 341354.00N/1001518.00W | 1854 (1900) | | AS1500 | 3400 |
| INTERMEDIATE | FIPIT (IF/IAF) | RIFUG | 11. AAO | 341430.00N/1002127.00W | 2077 (4E) | 500 | AT825 AC98 | 3500 |
| | | | 12. TERRAIN | 341836.00N/1001951.00W | 1854 (1900) | | AS1500 | 3400 |
| INTERMEDIATE | FIPIT | RIFUG | 9. AAO | 341333.00N/1001936.00W | 2054 (4E) | 500 | AT848 AC98 | 3500 |
| | | | 12. TERRAIN | 341836.00N/1001951.00W | 1854 (1900) | | AS1500 | 3400 |
| 2. HOLD-IN-LIEU-OF-PT | FIPIT | P-5 | 15. AAO | 340400.00N/1001836.00W | 2238 (4E) | 1000 | AT762 | 4000 |
| | | | 16. TERRAIN | 340454.00N/1001803.00W | 2038 (2000) | | AS1500 | 3500 |
| 3. MISSED APPROACH MAP: | DA / DA / RW36 | JAPUX | | | | ASC | | 4000 |
| | | | 17. TOWER (48-008496) | 342655.00N/1001222.00W | 2340 (5D) | 1000 | | 3400 |
| ELEV: | 1989/2215/2240 | | 18. TERRAIN | 343003.00N/1001451.00W | 1979 (2000) | | AS1500 | 3500 |

| 4. CIRCLING AREA | DISTANCE | HT. ABV. ARPT. REQUIRED | HT. ABV. ARPT. ACTUAL | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| CATEGORY A | 1.3 NM | 350 | 546 | 19. TANK (48-020748) | 342621.22N/1001609.41W | 2134 (4D) | 300 | AC50 | 2500 |
| CATEGORY B | 1.5 NM | 450 | 546 | 19. TANK (48-020748) | 342621.22N/1001609.41W | 2134 (4D) | 300 | AC50 | 2500 |
| CATEGORY C | 1.7 NM | 450 | 546 | 19. TANK (48-020748) | 342621.22N/1001609.41W | 2134 (4D) | 300 | AC50 | 2500 |
| CATEGORY D | 2.3 NM | 550 | 566 | 19. TANK (48-020748) | 342621.22N/1001609.41W | 2134 (4D) | 300 | HAA | 2520 |
| CATEGORY E | 4.5 NM | 550 | | | | | | | |

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW36

| SECTOR | OBSTRUCTION | BRG/DIST | ELEVATION (MSL) | M S A | SECTOR | OBSTRUCTION | BRG/DIST | ELEVATION (MSL) | M S A |
|---|---|---|---|---|---|---|---|---|---|
| 360-360 | TWR (48-000789) | 320/ 27.7 | 2904 (2C) | 4000 | | | | | |

QUALITY CHECKED

| CITY AND STATE | ELEVATION: 1954 / AIRPORT NAME: | FACILITY | PROCEDURE AND AMENDMENT NO: | REGION |
|---|---|---|---|---|
| CHILDRESS, TX | CHILDRESS MUNI | RNAV | RNAV (GPS) RWY 36, AMDT 1 | ASW |

## PART B - SUPPLEMENTAL DATA

| 1. COMMUNICATIONS WITH: | 2. WEATHER SERVICE | | | 3. ALTIMETER SETTING |
|---|---|---|---|---|
| ZFW ARTCC<br>FTW FSS | | N W S | OTHER:<br>ASOS | SOURCE: KCDS / KAXS |
| | | F A A | | DISTANCE: 0 / 49.66 |
| SATISFACTORY ON: | | A / C | | HOURS REMOTE OPERATION:<br>24 / BACKUP |
| X V H F X U H F H F | LOCATION: KCDS | | | ADJUSTMENT: 0 / 188 |

| | | |
|---|---|---|
| 4. MONITOR STATUS | PRIMARY NAVAID: | |
| | MONITOR POINT: | |
| | HRS OPTN: | CAT 1 |
| | | CAT 3 |
| 5. APPROACH & RUNWAY LIGHTING | | ALS |
| | | (S) SALS |
| | | MALS |
| | | HIRL |
| | X | MIRL 18 (PCL), 36 (PCL) |
| | | REIL |
| | | TDZ |
| | | C/LINE |
| | X | OTHER (SPECIFY)<br>PAPI-2L 18, 36 |
| 6. RUNWAY MARKINGS | BASIC | BSC-F 22, 04 |
| | ALL WEATHER | |
| | INSTRUMENT | NPI-G 18, 36 |
| 7. RUNWAY VISUAL RANGE | APPROACH | |
| | MIDFIELD | |
| | ROLL OUT | |
| 8. GLIDE PATH | GP ANGLE: 3.00 | ELEV RWY THRESHOLD: 1953.8 |
| | DISTANCE FROM RWY: | ELEV GP ANTENNA: |
| | | THRESHOLD CROSSING HEIGHT: 40.0 |
| 9. FINAL APPROACH COURSE AIMING | X | RUNWAY THRESHOLD — FT. FROM THRESHOLD |
| | X | ON CENTERLINE — FT. FROM CENTERLINE |

10. WAIVERS: NONE

| PART D - PREPARED BY: | DATE: |
|---|---|
| JILL OLSON (MICAH DOEDEN) | 11/01/2012 |
| TITLE: AERONAUTICAL INFORMATION SPECIALIST | OFFICE: AJV-353 |

## PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

RASS PRESSURE PATTERNS SAME
KCDS 1953.8, KAXS 1433.2
RA = 187.11.
SEE ATTACHED AIRSPACE LETTER.

SERVICE A: KCDS: YES / KAXS: YES

VGSI DATA: 3.00/40

LPV SLOPE: 34:1
LNAV/VNAV SLOPE: 22.51:1

AVERAGE COLD TEMPERATURE BASED ON 5-YEAR HISTORY (2007-2011).

TAA NOT DEVELOPED PER FPT/ATC.

OBST #19 4D ACCURACY VERIFICATION REQUESTED FROM FLIGHT CHECK.

100 FOOT VEGETATION USED FOR EVALUATION PER FPT.

UNABLE TO VERIFY VISUAL SURFACES FOR RWY 4, 18, AND 22 DUE TO LACK OF SURVEY DATA.

25 DEGREE BANK ANGLE USED IN MISSED APPROACH.

QUALITY 2 CHECKED

# STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

| 1. APP SEGMENT | FROM | TO | OBSTRUCTION | COORDINATES | ELEV. MSL | ROC | ALT. ADJUSTMENTS | MIN. ALT. |
|---|---|---|---|---|---|---|---|---|
| FINAL: LPV | RIFUG | RW36 | | | | ASC | | 2154/200 |
| FINAL: LNAV/VNAV | RIFUG | RW36 | 13. TREE | 342427.60N/1001746.00W | 2079 (2C) | 22.51:1 | AC20 | 2376/422 |
| FINAL: LNAV | RIFUG | WUDBU/1.80 NM TO RW36 | 1. AAO | 342157.00N/1001656.85W | 2119 (2C) | 250 | RA188 | 2560 |
| FINAL: LNAV STEPDOWN | WUDBU/1.80 NM TO RW36 | RW36 | 14. TREE | 342429.30N/1001748.45W | 2089 (2C) | 250 | | 2340 |

| 3. MISSED APPROACH | |
|---|---|
| MAP: | |
| ELEV: | |

| 4. CIRCLING AREA | DISTANCE | HT. ABV. ARPT. REQUIRED | HT. ABV. ARPT. ACTUAL |
|---|---|---|---|
| CATEGORY A | 1.3 NM | 350 | |
| CATEGORY B | 1.5 NM | 450 | |
| CATEGORY C | 1.7 NM | 450 | |
| CATEGORY D | 2.3 NM | 550 | |
| CATEGORY E | 4.5 NM | 550 | |

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID:

| SECTOR | OBSTRUCTION | BRG/DIST | ELEVATION (MSL) | M S A | SECTOR | OBSTRUCTION | BRG/DIST | ELEVATION (MSL) | M S A |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

QUALITY CHECKED

| CITY AND STATE | ELEVATION: 1954 AIRPORT NAME: | FACILITY | PROCEDURE AND AMENDMENT NO: | REGION |
|---|---|---|---|---|
| CHILDRESS, TX | CHILDRESS MUNI | RNAV | RNAV (GPS) RWY 36, AMDT 1 | ASW |

## PART B - SUPPLEMENTAL DATA

| 1. COMMUNICATIONS WITH: | 2. WEATHER SERVICE | | 3. ALTIMETER SETTING |
|---|---|---|---|
| SATISFACTORY ON: | N W S | OTHER: | SOURCE: |
| | F A A | | DISTANCE: |
| | A / C | | HOURS REMOTE OPERATION: |
| V H F / U H F / H F | LOCATION: | | ADJUSTMENT: |

| | | |
|---|---|---|
| 4. MONITOR STATUS | PRIMARY NAVAID: | |
| | MONITOR POINT: | |
| | HRS OPTN: | CAT 1 |
| | | CAT 3 |

| | | |
|---|---|---|
| 5. APPROACH & RUNWAY LIGHTING | | **ALS** |
| | | **(S) SALS** |
| | | **MALS** |
| | | **HIRL** |
| | | **MIRL** |
| | | **REIL** |
| | | **TDZ** |
| | | **C/LINE** |
| | | **OTHER (SPECIFY)** |

| | | |
|---|---|---|
| 6. RUNWAY MARKINGS | BASIC | |
| | ALL WEATHER | |
| | INSTRUMENT | |
| 7. RUNWAY VISUAL RANGE | APPROACH | |
| | MIDFIELD | |
| | ROLL OUT | |
| 8. GLIDE PATH | GP ANGLE: | ELEV RWY THRESHOLD: |
| | DISTANCE FROM RWY: | ELEV GP ANTENNA: |
| | | THRESHOLD CROSSING HEIGHT: |

| | | | |
|---|---|---|---|
| 9. FINAL APPROACH COURSE AIMING | | RUNWAY THRESHOLD | FT. FROM THRESHOLD |
| | | ON CENTERLINE | FT. FROM CENTERLINE |

10. WAIVERS:

| | |
|---|---|
| PART D - PREPARED BY: | DATE: |
| TITLE: | OFFICE: |

PART C - REMARKS:

QUALITY CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** CHILDRESS VORTAC **STATE:** TX **COUNTRY:** US

**LATITUDE/LONGITUDE:** 342208.63N/1001720.50W **TYPE:**

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** NO CHANGE

**FIX MAKE-UP FACILITIES:**

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC NM | DIST FROM FAC FEET | MRA | MAA |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | CHILDRESS | CDS | VORTAC | L | | | | | | | 17500 |

**HOLDING:** **HOLDING TYPE OF ACTION:** NO CHANGE

**PATTERNS:**

| PAT | DIR | IDENT | TYPE | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG LENGTH TIME | LEG LENGTH DME | HOLDING ALTITUDES MIN | HOLDING ALTITUDES MAX | TEMPLATES MIN | TEMPLATES MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | S | CDS | VORTAC | 172.00 | 352.00 | R | 1 | | 3500 | 6000 | 4 | 5 |

**CONTROLLING OBSTRUCTIONS:**

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|---|---|---|---|---|---|
| 1 | 200 | TOWER (48-003983) | 342548.00N/1001344.00W | 2204 | 3D |

**HOLDING RESTRICTIONS:**
HOLDING LIMITED TO ESTABLISHED PATTERN

**REMARKS:**
PRECIPITOUS TERRAIN EVALUATION COMPLETE

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| DP | WORTH | | | KGKY | ARLINGTON | TX (US) |
| DP | WORTH | | | KADS | DALLAS | TX (US) |
| DP | COYOTE | | | KDAL | DALLAS | TX (US) |
| DP | LOVE | | | KDAL | DALLAS | TX (US) |
| DP | WORTH | | | KDAL | DALLAS | TX (US) |
| DP | WORTH | | | KRBD | DALLAS | TX (US) |
| DP | COYOTE | | | KDFW | DALLAS-FORT WORTH | TX (US) |
| DP | FERRA (RNAV) | | | KDFW | DALLAS-FORT WORTH | TX (US) |
| DP | WORTH | | | KDFW | DALLAS-FORT WORTH | TX (US) |
| DP | WORTH | | | KDTO | DENTON | TX (US) |
| DP | WORTH | | | KAFW | FORT WORTH | TX (US) |
| DP | WORTH | | | KFTW | FORT WORTH | TX (US) |
| DP | WORTH | | | KFWS | FORT WORTH | TX (US) |
| DP | WORTH | | | KNFW | FORT WORTH | TX (US) |
| DP | WORTH | | | KGPM | GRAND PRAIRIE | TX (US) |
| DP | WORTH | | | KLNC | LANCASTER | TX (US) |
| DP | WORTH | | | KTKI | MC KINNEY | TX (US) |
| DP | WORTH | | | KHQZ | MESQUITE | TX (US) |
| EN ROUTE | V114 | | | | | (US) |
| EN ROUTE | V14 | | | | | (US) |
| EN ROUTE | V404 | | | | | (US) |
| EN ROUTE | V530 | | | | | (US) |
| IAP | RNAV (GPS) RWY 36 | | | KCDS | CHILDRESS | TX (US) |
| IAP | VOR RWY 36 | | 1 | KCDS | CHILDRESS | TX (US) |
| IAP | RNAV (GPS) RWY 2 | | | KF05 | VERNON | TX (US) |
| STAR | GREGS | | | KDAL | DALLAS | TX (US) |
| STAR | BOWIE | | | KDFW | DALLAS-FORT WORTH | TX (US) |
| STAR | MOTZA | | | KAFW | FORT WORTH | TX (US) |

**REQUIRED CHARTING:** DP, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 7 **DATE OF REVISION:** 05/02/2013

**REASON FOR REVISION:**
ADMIN REVISION TO UPDATE FACILITY IN HISTORY STATUS
UPDATED FIX USE

**DEVELOPED BY:** **DATE:** 10/30/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (MICAH DOEDEN)

**APPROVED BY:** **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

**SIGNATURE:**

**DISTRIBUTION:** **NFDC**
**FPO:** CEN
**ARTCC:** ZFW

QUALITY 2 CHECKED

**ATC FACILITY:** LTS APP CON
**OTHER:** CDS FSS

QUALITY CHECKED 2

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** EXONE **STATE:** TX **COUNTRY:** US

**LATITUDE/LONGITUDE:** 341206.81N/1004219.84W **TYPE:** INT, DME

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** MODIFY

**FIX MAKE-UP FACILITIES:**

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC NM | DIST FROM FAC FEET | MRA | MAA |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | CHILDRESS | CDS | VORTAC | L | 234.31 | 244.31 | 23.00 | 23.00 | | 5000 | 17500 |
| 2 | GUTHRIE | GTH | VORTAC | L | 314.12 | 324.12 | | 31.36 | | 5000 | 17500 |

**HOLDING:** **HOLDING TYPE OF ACTION:** NO CHANGE

**REMARKS:**
CHILDRESS (FAC 1) AND GUTHRIE (FAC 2) USED TO ESTABLISH FIX COORDINATES

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| EN ROUTE | V14 | 1, 2 | | | | (US) |
| IAP | RNAV (GPS) RWY 36 | | | KCDS | CHILDRESS | TX (US) |
| IAP | RNAV (GPS) RWY 17 | | | K41F | FLOYDADA | TX (US) |

**REQUIRED CHARTING:** IAP, CONTROLLER, EN ROUTE LOW

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2 **DATE OF REVISION:** 05/02/2013

**REASON FOR REVISION:**
REPULL FACILITY IN HISTORY STATUS.
ADDED COORDINATING FACILITIES REMARK.
UPDATED FIX USE.

**DEVELOPED BY:** **DATE:** 10/29/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (MICAH DOEDEN)

**APPROVED BY:** **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

**SIGNATURE:**

**DISTRIBUTION:**
**NFDC**
**FPO:** CEN
**ARTCC:** ZFW
**ATC FACILITY:** LBB APP CON
**OTHER:**

QUALITY 2 CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** FIPIT **STATE:** TX **COUNTRY:** US

**LATITUDE/LONGITUDE:** 341329.47N/1001738.24W **TYPE:** WP

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** ESTABLISH

**HOLDING:** **HOLDING TYPE OF ACTION:** ESTABLISH

**PATTERNS:**

| PAT | DIR | IDENT | TYPE | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG LENGTH TIME | LEG LENGTH DME | HOLDING ALTITUDES MIN | HOLDING ALTITUDES MAX | TEMPLATES MIN | TEMPLATES MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | S | | WP | 175.86 | 355.86 | R | | 4 | 4000 | 6000 | 5 | 6 |

**CONTROLLING OBSTRUCTIONS:**

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|---|---|---|---|---|---|
| 1 | 200 | AAO | 340400.00N/1001836.00W | 2238 | 4E |

**HOLDING RESTRICTIONS:**
HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | RNAV (GPS) RWY 36 | | 1 | KCDS | CHILDRESS | TX (US) |

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 05/02/2013

**DEVELOPED BY:** **DATE:** 10/29/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (MICAH DOEDEN)

**APPROVED BY:** **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

**SIGNATURE:**

**DISTRIBUTION:** **NFDC**
**FPO:** CEN
**ARTCC:** ZFW
**ATC FACILITY:**
**OTHER:**

QUALITY 2 CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** HUTOM **STATE:** TX **COUNTRY:** US

**LATITUDE/LONGITUDE:** 340924.60N/1001016.73W **TYPE:** WP

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** ESTABLISH

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | RNAV (GPS) RWY 36 | | | KCDS | CHILDRESS | TX (US) |

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 05/02/2013

**DEVELOPED BY:** **DATE:** 10/29/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (MICAH DOEDEN)

**APPROVED BY:** **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

**SIGNATURE:**

**DISTRIBUTION:**
**NFDC**
**FPO:** CEN
**ARTCC:** ZFW
**ATC FACILITY:**
**OTHER:**

QUALITY 2 CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** JAPUX **STATE:** TX **COUNTRY:** US

**LATITUDE/LONGITUDE:** 342849.78N/1000106.18W **TYPE:** WP, DME

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** ESTABLISH

**FIX MAKE-UP FACILITIES:**

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC NM | DIST FROM FAC FEET | MRA | MAA |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | CHILDRESS | CDS | VORTAC | L | 053.50 | 063.50 | 15.00 | 15.00 | | 3700 | 17500 |

**HOLDING:** **HOLDING TYPE OF ACTION:** ESTABLISH

**PATTERNS:**

| PAT | DIR | IDENT | TYPE | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG LENGTH TIME | LEG LENGTH DME | HOLDING ALTITUDES MIN | HOLDING ALTITUDES MAX | TEMPLATES MIN | TEMPLATES MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SW | | WP | 237.66 | 057.66 | R | | 4 | 4000 | 6000 | 5 | 6 |

**CONTROLLING OBSTRUCTIONS:**

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|---|---|---|---|---|---|
| 1 | 200 | TOWER (48-001711) | 342511.00N/1001117.00W | 2125 | 4D |

**HOLDING RESTRICTIONS:**
HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| EN ROUTE | V14 | 1 | | | | (US) |
| IAP | RNAV (GPS) RWY 36 | | 1 | KCDS | CHILDRESS | TX (US) |

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 05/02/2013

**DEVELOPED BY:** **DATE:** 10/29/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (MICAH DOEDEN)

**APPROVED BY:** **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

**SIGNATURE:**

**DISTRIBUTION:** **NFDC**
**FPO:** CEN
**ARTCC:** ZFW
**ATC FACILITY:**
**OTHER:**

QUALITY CHECKED 2

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** PEWAE **STATE:** TX **COUNTRY:** US

**LATITUDE/LONGITUDE:** 341426.61N/0994220.21W **TYPE:** DME

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** NO CHANGE

**FIX MAKE-UP FACILITIES:**

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC NM | DIST FROM FAC FEET | MRA | MAA |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | CHILDRESS | CDS | VORTAC | L | 094.68 | 104.68 | 30.00 | 30.00 | | 3700 | 17500 |

**HOLDING:** **HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| EN ROUTE | V114 | 1 | | | | (US) |
| IAP | GPS RWY 17 | | | K1O8 | TIPTON | OK (US) |
| IAP | RNAV (GPS) RWY 36 | | | KCDS | CHILDRESS | TX (US) |

**REQUIRED CHARTING:** IAP, CONTROLLER, EN ROUTE LOW

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2 **DATE OF REVISION:** 05/02/2013

**REASON FOR REVISION:**
ADMIN REVISION TO UPDATE FACILITY IN HISTORY STATUS.
DELETED WP FROM FIX TYPE.

**DEVELOPED BY:** **DATE:** 10/29/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (MICAH DOEDEN)

**APPROVED BY:** **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

**SIGNATURE:**

**DISTRIBUTION:** **NFDC**
**FPO:** CEN
**ARTCC:** ZFW
**ATC FACILITY:** LTS APP CON
**OTHER:**

QUALITY 2 CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** RIFUG **STATE:** TX **COUNTRY:** US

**LATITUDE/LONGITUDE:** 342042.03N/1001721.34W **TYPE:** WP

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** MODIFY

**HOLDING:** **HOLDING TYPE OF ACTION:** NO CHANGE

**REMARKS:**
8260.54A FORMULA 2-16B USED TO DETERMINE PFAF COORDINATES.

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | RNAV (GPS) RWY 36 | | | KCDS | CHILDRESS | TX (US) |

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2 **DATE OF REVISION:** 05/02/2013

**REASON FOR REVISION:**
FIX MOVED 366.15 FT SOUTH; COORDINATES UPDATED.

**DEVELOPED BY:** **DATE:** 10/26/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (MICAH DOEDEN)

**APPROVED BY:** **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

**SIGNATURE:**

**DISTRIBUTION:**
**NFDC**
**FPO:** CEN
**ARTCC:** ZFW
**ATC FACILITY:**
**OTHER:**

QUALITY 2 CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** WUDBU **STATE:** TX **COUNTRY:** US

**LATITUDE/LONGITUDE:** 342338.00N/1001714.46W **TYPE:** WP

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** ESTABLISH

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | RNAV (GPS) RWY 36 | | | KCDS | CHILDRESS | TX (US) |

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 05/02/2013

**DEVELOPED BY:** **DATE:** 10/29/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (MICAH DOEDEN)

**APPROVED BY:** **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

**SIGNATURE:**

**DISTRIBUTION:** **NFDC**
**FPO:** CEN
**ARTCC:** ZFW
**ATC FACILITY:**
**OTHER:**

QUALITY 2 CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** ZELOM **STATE:** TX **COUNTRY:** US

**LATITUDE/LONGITUDE:** 341030.87N/1002541.64W **TYPE:** WP

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** ESTABLISH

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | RNAV (GPS) RWY 36 | | | KCDS | CHILDRESS | TX (US) |

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 05/02/2013

**DEVELOPED BY:** **DATE:** 10/29/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (MICAH DOEDEN)

**APPROVED BY:** **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

**SIGNATURE:**

**DISTRIBUTION:** **NFDC**
**FPO:** CEN
**ARTCC:** ZFW
**ATC FACILITY:**
**OTHER:**

QUALITY 2 CHECKED

# TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **CHILDRESS** STATE: **TX**

AIRPORT NAME: **CHILDRESS MUNI** ID: **KCDS**

PROCEDURE: **RNAV (GPS) RWY 36** AMDT: **1**

DOCKET # :
(96-AXX-X/Required/Not Required)

**ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.**

1. Distance from **THLD** to 1000' point **3.16**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **001.86**
4. High Terrain in **FINAL** segment containing 1000' point **1989**
5. Distance from **THLD** to 1500' point **4.73**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **2.13**
7. True Course of **FINAL** segment containing 1500' point **001.86**
8. High Terrain in **FINAL** segment containing 1500' point **1989**
9. Threshold Coordinates (if straight-in) ... **342526.13N** / **1001710.22W**
10. ARP Coordinates ..... **342601.60N** / **1001716.80W**
11. Runway Approach End and distance furthest from ARP.....RWY **36**
    Distance **.60** NM
12. FAF Coordinates ..... **342042.03N** / **1001721.34W**
    (Click to Select)

**REMARKS: Approach/Drawing attached.**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** EKHEV **STATE:** TX **COUNTRY:** US

**LATITUDE/LONGITUDE:** 341439.15N/1001735.52W **TYPE:** WP

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** CANCEL

CANCELLED

**HOLDING:** **HOLDING TYPE OF ACTION:** CANCEL

**PATTERNS:**

| PAT | DIR | IDENT | TYPE | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG LENGTH TIME | LEG LENGTH DME | HOLDING ALTITUDES MIN | HOLDING ALTITUDES MAX | TEMPLATES MIN | TEMPLATES MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | S | | WP | 175.86 | 355.86 | R | | 4 | 4000 | 6000 | 5 | 6 |

**CONTROLLING OBSTRUCTIONS:**

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|---|---|---|---|---|---|
| 1 | 200 | AAO | 340454.00N/1001803.00W | 2238 | 4E |

**HOLDING RESTRICTIONS:**
HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | RNAV (GPS) RWY 36 | | 1 | KCDS | CHILDRESS | TX (US) |

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 03/10/2011

**DEVELOPED BY:** **DATE:** 10/30/2009 **OFFICE:** AVN-120 **NAME:** LARRY STROUT (DAN CAIRNS)

**APPROVED BY:** **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

**SIGNATURE:**

**DISTRIBUTION:**
**NFDC**
**FPO:** CEN
**ARTCC:** ZFW
**ATC FACILITY:**
**OTHER:**

QUALITY CHECKED 1

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** FOXIG **STATE:** TX **COUNTRY:** US

**LATITUDE/LONGITUDE:** 341429.25N/1001133.84W **TYPE:** WP

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** CANCEL

CANCELLED

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | RNAV (GPS) RWY 36 | | | KCDS | CHILDRESS | TX (US) |

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 03/10/2011

**DEVELOPED BY:** **DATE:** 10/30/2009 **OFFICE:** AVN-120 **NAME:** LARRY STROUT (DAN CAIRNS)

**APPROVED BY:** **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

**SIGNATURE:**

**DISTRIBUTION:**
**NFDC**
**FPO:** CEN
**ARTCC:** ZFW
**ATC FACILITY:**
**OTHER:**

QUALITY 2 CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** HAXUB **STATE:** TX **COUNTRY:** US

**LATITUDE/LONGITUDE:** 341448.76N/1002337.22W **TYPE:** WP

CANCELLED

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** CANCEL

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | RNAV (GPS) RWY 36 | | | KCDS | CHILDRESS | TX (US) |

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 03/10/2011

**DEVELOPED BY:** **DATE:** 10/30/2009 **OFFICE:** AVN-120 **NAME:** LARRY STROUT (DAN CAIRNS)

**APPROVED BY:** **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

**SIGNATURE:**

**DISTRIBUTION:**
**NFDC**
**FPO:** CEN
**ARTCC:** ZFW
**ATC FACILITY:**
**OTHER:**

QUALITY 2 CHECKED