

| TERMINAL ROUTES | | | | MISSED APPROACH |
|-----------------------|----------------------------|---------------------|----------|--|
| FROM | TO | COURSE AND DISTANCE | ALTITUDE | |
| CUMUL (IAF) | KOKEC (FB) | 056.34 / 8.00 | 2000 | LNAV: RW33 |
| HUNOV (IAF) | KOKEC (FB) | 236.48 / 8.00 | 2000 | CLIMB TO 2500 DIRECT NUPSY AND HOLD. |
| KOKEC (IF) | ORUDE (FB) | 326.41 / 7.00 | 2000 | |
| ORUDE (FAF) | WENAB/1.50 NM TO RW33 (FB) | 326.38 / 3.51 | | ADDITIONAL FLIGHT DATA: HOLD NW, RT, 146.30 INBOUND. CHART FAS OBST: 499 POWERLINE 303019N/0964202W ORUDE TO RW33: 3.00/40 |
| WENAB/1.50 NM TO RW33 | RW33 (MAP) (FO) | 326.37 / 1.50 | | |
| RW33 (MAP) | 760 MSL | 326.37 | | |
| 760 MSL | NUPSY (FO) | | 2500 | |

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT KOKEC
3. FAC: 326.38 FAF: ORUDE DIST FAF TO MAP: 5.01 THLD: 5.01
4. MIN. ALT: KOKEC 2000, ORUDE 2000, WENAB/1.50 NM TO RW33 880
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: GS ALT AT: OM: MM: IM:
7. GS ANGLE: TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW33 2300

MAG VAR: 6E EPOCH YEAR: 1990

| 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 | |
| LNAV MDA | 760 | 1 | 395 | 760 | 1 | 395 | | | NA | | | NA | | | | |
| CIRCLING | 1000 | 1 | 609 | 1000 | 1 | 609 | | | NA | | | NA | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |

NOTES:
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLLEGE STATION ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 CHART NOTE: CIRCLING NA EAST OF RWY 15-33.
 CHART NOTE: DME/DME RNP-0.3 NA.
 (SEE FORM 8260-10)



| | | | | |
|--------------------------------|---|------------------------------|---|-----------------------------|
| CITY AND STATE CALDWELL, TX | ELEVATION: 391 THRE: 365 AIRPORT NAME: CALDWELL MUNI | FACILITY IDENTIFIER: RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 33, ORIG | SUP: AMDT: NONE DATED |
|--------------------------------|---|------------------------------|---|-----------------------------|

| | | |
|--|---|---|
| ALL AFFECTED PROCEDURES REVIEWED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | COORDINATES OF FACILITIES | REQUIRED EFFECTIVE DATE ROUTINE |
| COORDINATED WITH: | | |
| ATA <input type="checkbox"/> | AAT <input type="checkbox"/> | ALPA <input type="checkbox"/> |
| APA <input type="checkbox"/> | AOPA <input checked="" type="checkbox"/> | NBAA <input checked="" type="checkbox"/> |
| OTHER (specify) <u>ZHU, HOU APP CON, AMGR</u> | | |
| FLIGHT CHECKED BY | | |
| NAME: | FIFO | DATE: |
| DEVELOPED BY | | |
| NAME: | FIFO | DATE: |
| JILL OLSON (COLTON CROWDER) | AJV-353 | 03/28/2012 |
| APPROVED BY | | |
| NAME: | FIFO | DATE: |
| LARRY H STROUT | AJV-353 | |
| CHANGES: | | |
| ORIGINAL | | |
| REASONS: | | |
| PER FPT REQUEST. | | |
| PDF EDITS: ADDED (FAF) DESIGNATOR, CHANGED MISSED APPROACH ALTITUDE, REMOVED MISSED APPROACH RNP VALUE, REMOVED STEPDOWN FIX ALTITUDE. | | |

QUALITY
 5
 CHECKED

**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.

NOTES, (CONT.):

CHART NOTE: PROCEDURE NA AT NIGHT.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PLANVIEW NOTE: RADAR REQUIRED.



CITY AND STATE
CALDWELL, TX

ELEVATION: 391 THRE: 365
AIRPORT NAME:
CALDWELL MUNI

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 33, ORIG

SUP:
AMDT: NONE
DATED:

| | | |
|---|---------------------------|-------------------------|
| ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO | COORDINATES OF FACILITIES | REQUIRED EFFECTIVE DATE |
| COORDINATED WITH: ATA AAT ALPA APA AOPA NBAA OTHER (specify) _____ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | |
| FLIGHT CHECKED BY | | |
| NAME: _____ | FIFO _____ | DATE: _____ |
| DEVELOPED BY | | |
| NAME: _____ | FIFO _____ | DATE: _____ |
| APPROVED BY | | |
| NAME: _____ | FIFO _____ | DATE: _____ |
| CHANGES: | | |
| REASONS: | | |

| | | |
|---|---------------------------|-------------------------|
| ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO | COORDINATES OF FACILITIES | REQUIRED EFFECTIVE DATE |
|---|---------------------------|-------------------------|

| | | | | | | |
|---------------------------------|---------------------------------|----------------------------------|---------------------------------|----------------------------------|----------------------------------|-----------------------|
| COORDINATED WITH: | | | | | | |
| ATA <input type="checkbox"/> | AAT <input type="checkbox"/> | ALPA <input type="checkbox"/> | APA <input type="checkbox"/> | AOPA <input type="checkbox"/> | NBAA <input type="checkbox"/> | 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 |
|--------|------------|-------|-----|------|------|------|-------|-----|----------------|----------|----------|----------|
| | CUMUL | CUMUL | 010 | IAF | IF | | FB | | | | | |
| | CUMUL | KOKEC | 020 | | TF | | FB | 1.0 | 056.3 (062.3T) | 008.0 | AA 02000 | |
| | HUNOV | HUNOV | 010 | IAF | IF | | FB | | | | | |
| | HUNOV | KOKEC | 020 | | TF | | FB | 1.0 | 236.5 (242.5T) | 008.0 | AA 02000 | |
| | | KOKEC | 010 | FACF | IF | | FB | | | | AA 02000 | |
| | | ORUDE | 020 | FAF | TF | | FB | 0.5 | 326.4 (332.4T) | 007.0 | AA 02000 | |
| | | WENAB | 021 | SDF | TF | | FB | 0.3 | 326.4 (332.4T) | 003.5 | AA 00880 | GS 00882 |
| | | RW33 | 030 | MAP | TF | | FO | 0.3 | 326.4 (332.4T) | 001.5 | AT 00405 | |

| MISSED APPROACH | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG (TRUE) | DISTANCE | ALTITUDE | SPEED |
|-----------------|-------|-----|-----|------|------|-------|-----|----------------|----------|----------|-------|
| | | 040 | | CA | | FB | | 326.4 (332.4T) | | AA 00760 | |
| | NUPSY | 050 | | DF | | FO | | | | AA 02500 | |
| | NUPSY | 060 | | HM | R | FO | | 146.3 (152.3T) | 004.0 | AA 02500 | |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|------------|----------|-------------|--------------|-------------|--------------|
| | CUMUL | N301620.51 | W0964352.36 | N3016.342 | W09643.873 |
| | HUNOV | N302346.18 | W0962729.17 | N3023.770 | W09627.486 |
| | KOKEC | N302003.60 | W0963541.08 | N3020.060 | W09635.685 |
| | NUPSY | N304145.92 | W0964848.95 | N3041.765 | W09648.816 |
| | ORUDE | N302616.67 | W0963926.08 | N3026.278 | W09639.435 |
| | WENAB | N302923.65 | W0964119.05 | N3029.394 | W09641.318 |
| | RW33 | N303043.57 | W0964207.37 | N3030.726 | W09642.123 |

| RUNWAY DATA | RWY | THRESHOLD ELEVATION | TCH |
|-------------|------|---------------------|-----|
| | RW33 | 00365 | 40 |



| | | | | | |
|--------------------------------|--------------------------------|-----------|----------------------|--|------------|
| CITY AND STATE CALDWELL, TX | ELEVATION: 391 | THRE: 365 | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP: |
| | AIRPORT NAME: CALDWELL MUNI | | RNAV | RNAV (GPS) RWY 33, ORIG | AMDT: NONE |
| | | | | | DATED: |

| | | |
|--|---------------------------|-------------------------|
| ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO | COORDINATES OF FACILITIES | REQUIRED EFFECTIVE DATE |
| COORDINATED WITH: <input type="checkbox"/> ATA <input type="checkbox"/> AAT <input type="checkbox"/> ALPA <input type="checkbox"/> APA <input type="checkbox"/> AOPA <input type="checkbox"/> NBAA <input type="checkbox"/> 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. | | | |
|---------------------------|--------------------------|--------------------------------|----------------------|------------------------|------------------------|-----------------------------|------------------------|-----------------|-----|------|------|
| INITIAL | CUMUL | KOKEC | 1. TOWER (48-010757) | 301449.54N/0964410.46W | 635 (1A) | 1000 | AT365 | 2000 | | | |
| | | | 2. TERRAIN | 302039.00N/0964051.00W | 352 (400) | | AS1500 | 1900 | | | |
| INITIAL | HUNOV | KOKEC | 3. TOWER (48-008144) | 302149.00N/0963434.00W | 799 (5D) | 1000 | AT201 | 2000 | | | |
| | | | 4. TERRAIN | 302303.00N/0963433.00W | 358 (400) | | AS1500 | 1900 | | | |
| INTERMEDIATE | KOKEC | ORUDE | 3. TOWER (48-008144) | 302149.00N/0963434.00W | 799 (5D) | 500 | AT701 | 2000 | | | |
| | | | 5. TERRAIN | 302330.00N/0964021.00W | 401 (400) | | AS1500 | 1900 | | | |
| FINAL: LNAV | ORUDE | WENAB/1.50 NM TO RW33 | 6. AAO | 302739.00N/0964036.00W | 572 (2C) | 250 | RA52 | 880 | | | |
| FINAL: LNAV STEPDOWN | WENAB/1.50 NM TO RW33 | RW33 | 7. POWERLINE | 303019.37N/0964202.16W | 499 (2C) | 250 | | 760 | | | |
| 2. PROCEDURE TURN | | NA | | | | | | | | | |
| 3. MISSED APPROACH | MAP: | RW33 | NUPSY | | | | ASC | 2000 | | | |
| | ELEV: | 660 | | 8. AAO | 303927.00N/0964915.00W | 759 (2C) | 1000 | 1800 | | | |
| | | | 9. TERRAIN | 303927.00N/0964915.00W | 559 (600) | | AS1000 | 1600 | | | |
| 4. CIRCLING AREA | DISTANCE | HT. ABV. ARPT. | | | | | | | | | |
| CATEGORY A | 1.3 NM | REQUIRED | 350 | ACTUAL | 609 | 10. TANK (48-005421) | 303137.00N/0964253.00W | 648 (5D) | 300 | AC50 | 1000 |
| CATEGORY B | 1.5 NM | | 450 | | 609 | 10. TANK (48-005421) | 303137.00N/0964253.00W | 648 (5D) | 300 | AC50 | 1000 |
| CATEGORY C | 1.7 NM | | 450 | | | | | | | | |
| CATEGORY D | 2.3 NM | | 550 | | | | | | | | |
| CATEGORY E | 4.5 NM | | 550 | | | | | | | | |
| 5. MINIMUM SAFE ALTITUDES | | | | PRIMARY NAVAID: RW33 | | | | | | | |
| SECTOR | OBSTRUCTION | BRG/DIST | ELEVATION (MSL) | M S A | SECTOR | OBSTRUCTION | BRG/DIST | ELEVATION (MSL) | | | |
| 360-360 | TWR (48-008192) | 327/ 15.2 | 1270 (5D) | 2300 | | | | | | | |
| CITY AND STATE | | ELEVATION: 391 | | FACILITY | | PROCEDURE AND AMENDMENT NO: | | REGION | | | |
| CALDWELL, TX | | AIRPORT NAME: CALDWELL MUNI | | RNAV | | RNAV (GPS) RWY 33, ORIG | | ASW | | | |

QUALITY
 CHECKED
 6

PART B - SUPPLEMENTAL DATA

| | | | | | |
|--|----------------------------|---------------------------|------------------|-----------------------------|---------------------|
| 1. COMMUNICATIONS WITH: | | 2. WEATHER SERVICE | | 3. ALTIMETER SETTING | |
| HOU APP CON | | NWS | OTHER: AWOS-3 | SOURCE: KRWV / KCLL | |
| | | FAA | | DISTANCE: 0 / 18.16 | |
| | | A/C | | HOURS REMOTE OPERATION: | |
| SATISFACTORY ON: | | | | | |
| X | VHF | X | UHF | HF | LOCATION: KRWV |
| ADJUSTMENT: 0 / 52 | | | | | |
| 4. MONITOR STATUS | PRIMARY NAVAID: | | | | |
| | MONITOR POINT: | | | | |
| | HRS OPTN: | CAT 1 | | | |
| | | CAT 3 | | | |
| 5. APPROACH & RUNWAY LIGHTING | ALS | | | | |
| | (S) SALS | | | | |
| | MALS | | | | |
| | HIRL | | | | |
| | X | MIRL 33, 15 | | | |
| | REIL | | | | |
| | TDZ | | | | |
| | C/LINE | | | | |
| X | OTHER (SPECIFY) PSIL 15 | | | | |
| 6. RUNWAY MARKINGS | BASIC BSC-G 33, 15 | | | | |
| | 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 | | X | RUNWAY THRESHOLD | | FT. FROM THRESHOLD |
| | | X | ON CENTERLINE | | FT. FROM CENTERLINE |
| 10. WAIVERS: NONE | | | | | |

PART C - REMARKS:

VDP NOT ESTABLISHED - UNABLE TO VERIFY ALL VISUAL SURFACES CLEAR DUE TO LACK OF SURVEY AND VDP IS LESS THAN 0.5 NM AFTER STEPDOWN.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

RASS PRESSURE PATTERNS SAME
KRWV 390.6, KCLL 320.2
RA = 51.63 FT.
SEE ATTACHED AIRSPACE LETTER.

TAA NOT USED PER FPT.

VEGETATION HEIGHT 40 FT PER FPT.

LPV AND LNAV/WNAV NOT DEVELOPED DUE TO LACK OF SURVEY.

LP NOT AUTHORIZED - 20 FT REDUCTION NOT GAINED.

KRWV AWOS-3 ON SERVICE A.
KCLL ASOS ON SERVICE A.

NIGHT TIME OPERATIONS NOT AUTHORIZED; RUNWAY DOES NOT MEET DESIGN STANDARDS.
RAPT AND TX DOT AUTHORIZE CAT A/B ONLY.

TERPS VOLUME 1 "VISUAL PORTION OF FINAL" PENETRATIONS:
20:1 (RW15)
401 TERRAIN 303112.00N/0964224.00W (9.19)
401 TERRAIN 303112.00N/0964227.00W (3.10)

USED 100 FT MAX HEIGHT FOR POWERLINE BASED ON MAP STUDY / GOOGLE EARTH EVALUATION. AWAITING VALIDATION FROM TERRAIN AND OBSTACLE TEAM.

INITIAL AND INTERMEDIATE LEG LENGTHS LONGER THAN MINIMUM 5NM PER FPT/ATC.

| | | |
|---|--|----------------------------|
| PART D - PREPARED BY: JILL OLSON (COLTON CROWDER) | | DATE: 03/28/2012 |
| TITLE: AERONAUTICAL INFORMATION SPECIALIST | | OFFICE: AJV-353 |



RADIO FIX AND HOLDING DATA RECORD

NAME: CUMUL

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 301620.51N/0964352.36W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 33

FAC PAT

AIRPORT IDENT
KRWW

CITY
CALDWELL

STATE
TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

DEVELOPED BY:

DATE: 03/22/2012

OFFICE: AJV-353

NAME: JILL OLSON (COLTON CROWDER)

APPROVED BY:

DATE:

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: HOU APP CON
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: HUNOV

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 302346.18N/0962729.17W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 33

FAC PAT

AIRPORT IDENT
KRWW

CITY
CALDWELL

STATE
TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

DEVELOPED BY:

DATE: 03/22/2012

OFFICE: AJV-353

NAME: JILL OLSON (COLTON CROWDER)

APPROVED BY:

DATE:

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: HOU APP CON
OTHER:

QUALITY
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KOKEC

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 302003.60N/0963541.08W

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 DME | HOLDING ALTITUDES MIN MAX | TEMPLATES MIN MAX |
|-----|-----|-------|------|-------------|----------------|------------------|------------------------|------------------------------|----------------------|
| 1 | SE | | WP | 146.41 | 326.41 | R | 4 | 2000 4000 | 4 6 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------------|------------------------|-----------|---------------|
| 1 | 200 | TOWER (48-008144) | 302149.00N/0963434.00W | 799 | 5D |

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 15 | | 1 | KRWV | CALDWELL | TX (US) |
| IAP | RNAV (GPS) RWY 33 | | | KRWV | CALDWELL | TX (US) |

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

DEVELOPED BY:

DATE: 03/22/2012

OFFICE: AJV-353

NAME: JILL OLSON (COLTON CROWDER)

APPROVED BY:

DATE:

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: HOU APP CON
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: NUPSY

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 304145.92N/0964848.95W

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 DME | HOLDING ALTITUDES MIN MAX | TEMPLATES MIN MAX |
|-----|-----|-------|------|-------------|----------------|------------------|------------------------|------------------------------|----------------------|
| 1 | NW | | WP | 326.30 | 146.30 | R | 4 | 2500 6000 | 5 6 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------------|------------------------|-----------|---------------|
| 1 | 200 | TOWER (48-008192) | 304416.00N/0965014.00W | 1270 | 5D |

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 15 | | | KRWV | CALDWELL | TX (US) |
| IAP | RNAV (GPS) RWY 33 | | 1 | KRWV | CALDWELL | TX (US) |

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

DEVELOPED BY: DATE: 03/22/2012 OFFICE: AJV-353 NAME: JILL OLSON (COLTON CROWDER)

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

SIGNATURE:

DISTRIBUTION: NFDC
 FPO: CEN
 ARTCC: ZHU
 ATC FACILITY: HOU APP CON
 OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: ORUDE

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 302616.67N/0963926.08W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 33

FAC PAT

AIRPORT IDENT
KRWV

CITY
CALDWELL

STATE
TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

DEVELOPED BY:

DATE: 03/22/2012

OFFICE: AJV-353

NAME: JILL OLSON (COLTON CROWDER)

APPROVED BY:

DATE:

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: HOU APP CON
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: WENAB

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 302923.65N/0964119.05W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 33

FAC PAT

AIRPORT IDENT
KRWW

CITY
CALDWELL

STATE
TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

DEVELOPED BY:

DATE: 03/22/2012

OFFICE: AJV-353

NAME: JILL OLSON (COLTON CROWDER)

APPROVED BY:

DATE:

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: HOU APP CON
OTHER:

QUALITY
CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: CALDWELL

STATE: TX

AIRPORT NAME: CALDWELL MUNI

ID: KRWV

PROCEDURE: RNAV (GPS) RWY 33

AMDT: ORIG

DOCKET#: NOT REQUIRED

(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 | <u>THLD</u> | to 1000' point | <u>3.01</u> |
| | <small>(Enter THLD, FAF, ARP, FACILITY, as appropriate)</small> | | |
| 2. Width of | <u>FINAL</u> | segment at 1000' point | <u>1.20</u> |
| | <small>(Enter appropriate segment, final, intermediate, etc.)</small> | | |
| 3. True Course of | <u>FINAL</u> | segment containing 1000' point | <u>332.38</u> |
| 4. High Terrain in | <u>FINAL</u> | segment containing 1000' point | <u>429</u> |
| 5. Distance from | <u>THLD</u> | to 1500' point | <u>4.81</u> |
| | <small>(If 1500' point in PT maneuvering area or holding pattern note in remarks)</small> | | |
| 6. Width of | <u>FINAL</u> | segment at 1500' point | <u>1.95</u> |
| 7. True Course of | <u>FINAL</u> | segment containing 1500' point | <u>332.38</u> |
| 8. High Terrain in | <u>FINAL</u> | segment containing 1500' point | <u>429</u> |
| 9. Threshold Coordinates (if straight-in) ... | <u>303041.45N</u> | / | <u>0964206.08W</u> |
| 10. ARP Coordinates | <u>303055.71N</u> | / | <u>0964214.71W</u> |
| 11. Runway Approach End and distance furthest from ARP | RWY | <u>33</u> | |
| | Distance | <u>0.27</u> | NM |
| 12. FAF Coordinates | <u>302616.67N</u> | / | <u>0963926.08W</u> |

REMARKS: Approach/Drawing attached.