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|--|--------|---|---------|--|-----|--|--------|--|---------|------------------------------|-------|-----------------------------|--------|-----|---------|
| 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 | | | | | | | | | | MISSED APPROACH | | | | | |
| FROM | | TO | | COURSE AND DISTANCE | | ALTITUDE | | LP: DUUUD LNAV: DUUUD | | | | | | | |
| DRROP (IAF) | | NTOOO (TF) (FB) (RNP 1.00) | | 184.47 / 3.56 | | 8100 | | CLIMB TO 6200 THEN CLIMBING LEFT TURN TO 8700 DIRECT NSPYR AND HOLD. | | | | | | | |
| NTOOO | | HALFF (TF) (FB) (RNP 1.00) | | 184.45 / 3.56 | | 7100 | | | | | | | | | |
| HALFF (IF) | | PYYPP (TF) (FB) (RNP 1.00) | | 154.39 / 4.00 | | 6700 | | ADDITIONAL FLIGHT DATA: HOLD S, LT, 338.25 INBOUND. CHART FAS OBST: 5752 RD (N) 395451N/1050815W CHART FAS OBST: 5855 BLDG 395440N/1050854W 5929 AAO 395648N/1051133W WAAS CHANNEL # 77938 REFERENCE PATH ID: W12A CHART CIRCLING ICON. PYYPP TO DUUUD: 3.00/40.6 FICTITIOUS THRESHOLD POINT (CFVDG) DO NOT CHART. FAC CROSSES RWY C/L EXTENDED 5190 FT FROM THLD. CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 19.98 DEGREES. LTP HAE: 1708.7 M | | | | | | | |
| PYYPP (FAF) | | DUUUD (MAP) (TF) (FO) (RNP 0.30) | | 135.25 / 2.32 | | | | | | | | | | | |
| DUUUD (MAP) | | 6200 MSL (CA) | | 135.25 | | 6200 | | | | | | | | | |
| 6200 MSL | | NSPYR (DF) (FO) (RNP 1.00) | | | | 8700 | | | | | | | | | |
| 1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) | | | | | | | | | | MAG VAR: 9E EPOCH YEAR: 2015 | | | | | |
| 2. PROFILE STARTS AT HALFF _____ | | | | | | | | | | | | | | | |
| 3. FAC: 135.25 FAF: PYYPP DIST FAF TO MAP: 2.32 THLD: 3.14 | | | | | | | | | | | | | | | |
| 4. MIN. ALT: HALFF 7100, PYYPP 6700 | | | | | | | | | | | | | | | |
| 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 CLEAR | | | | | | | | | | | | | | | |
| 8. MSA FROM: DUUUD 15200 | | | | | | | | | | | | | | | |
| 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 |
| LP MDA | 6020 | 1 | 359 | 6020 | 1 | 359 | 6020 | 1 | 359 | 6020 | 1 | 359 | | | |
| LNAV MDA | 6120 | 1 | 459 | 6120 | 1 | 459 | 6120 | 1 3/8 | 459 | 6120 | 1 3/8 | 459 | | | |
| CIRCLING | 6180 | 1 | 507 | 6240 | 1 | 567 | 6360 | 2 | 687 | 6860 | 3 | 1187 | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| NOTES: CHART NOTE: DME/DME RNP-0.3 NA. @ CAT D 1200-3 | | | | | | | | | | | | | | | |
| CITY AND STATE DENVER, CO | | ELEVATION: 5673 TDZE: 5661 AIRPORT NAME: ROCKY MOUNTAIN METROPOLITAN | | FACILITY IDENTIFIER: RNAV | | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 12L, ORIG | | | | | | SUP: AMDT: NONE DATED | | | |

| | | | | | |
|--|--|---------------------------|--|---|---------------------|
| ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div> | | COORDINATES OF FACILITIES | | REQUIRED EFFECTIVE DATE <div>ROUTINE</div> | |
| COORDINATED WITH: <div><div>ATA<div></div></div><div>AAT<div></div></div><div>ALPA<div>X</div></div><div>APA<div></div></div><div>AOPA<div>X</div></div><div>NBAA<div>X</div></div><div>OTHER (specify)<div>ZDV, DEN APP CON, BJC ATCT, AMGR</div></div></div> | | | | | |
| FLIGHT CHECKED BY | | | | | |
| NAME: | | | | FIFO | DATE: |
| DEVELOPED BY <i>Digitally signed by</i> | | | | | |
| NAME: <div>BEV L BORDY (ANDREA CHANEY)</div> | | | | FIFO AJV-5433 | DATE: 02/10/2017 |
| APPROVED BY | | | | | |
| NAME: <div>PATRICK MULQUEEN</div> <div>MANAGER</div> | | | | FIFO AJV-5430 | DATE: |
| CHANGES: ORIGINAL PROCEDURE | | | | | |
| REASONS: AIRPORT - FPT REQUEST 05/11/17: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/10/17 1. CHANGED THE MISSED APPROACH HOLDING ALTITUDE AT NSPYR (MAP SECTION ON 8260-9) FROM 9500 TO 8700. 2. CHANGED THE ARINC CODING OF THE MISSED APPROACH HOLDING ALTITUDE AT NSPYR FROM 9500 TO 8700. | | | | | |



**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - 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.

FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u> | <u>DATA</u> |
|--|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KBJC |
| RUNWAY | RW12L |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W12A |
| LTP/FTP LATITUDE | 395444.0850N |
| LTP/FTP LONGITUDE | 1050800.0810W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +17087 |
| FPAP LATITUDE | 395332.4250N |
| FPAP LONGITUDE | 1050653.1715W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00040.6 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.00 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 0000 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 0.0 |
| <u>CRC REMAINDER</u> | B4DC156F |

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K2 |
| LTP ORTHOMETRIC HEIGHT | +17253 |
| FPAP ORTHOMETRIC HEIGHT | +17253 |

QUALITY
9
CHECKED

| | | | | |
|----------------------------------|---|----------------------------|--|------------|
| CITY AND STATE DENVER, CO | ELEVATION: 5673 AIRPORT NAME: ROCKY MOUNTAIN METROPOLITAN | TDZE: 5661 RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 12L, ORIG | SUP: |
| | | | | AMDT: NONE |
| | | | | DATED: |

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

| | |
|--|--|
| STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD | |
|--|--|

PART - A OBSTRUCTION DATA

[illegible]

QUALITY
9
CHECKED

| PART B - SUPPLEMENTAL DATA | | | | | | | | | | |
|--|-------|------------------------------|--|-----------------------|-------|----------------------------|----------------------|---|---------------------|--|
| 1. COMMUNICATIONS WITH: | | | | 2. WEATHER SERVICE | | | 3. ALTIMETER SETTING | | | |
| BJC TOWER DEN APP CON | | | | | N W S | OTHER: AWOS-3 | | SOURCE:KBJC / KDEN | | |
| | | | | | F A A | | | DISTANCE: 0 / 20.65 | | |
| | | | | | A / C | | | HOURS REMOTE OPERATION: 0/YES / 24/YES | | |
| SATISFACTORY ON: | | | | | | | | | | |
| X | V H F | X | U H F | | H F | LOCATION: KBJC | | | ADJUSTMENT: 0 / 82 | |
| 4. MONITOR STATUS | | PRIMARY NAVAID: | | | | | | | | |
| | | MONITOR POINT: | | | | | | | | |
| | | HRS OPTN: | CAT 1 | | | | | | | |
| | | | CAT 3 | | | | | | | |
| 5. APPROACH & RUNWAY LIGHTING | | | ALS | | | | | | | |
| | | | (S) SALS | | | | | | | |
| | | X | MALSR 30R (PCL) | | | | | | | |
| | | X | HIRL 12L (PCL), 30R (PCL) | | | | | | | |
| | | X | MIRL 03 (PCL), 12R (PCL), 21 (PCL), 30L (PCL) | | | | | | | |
| | | X | REIL 12L (PCL), 12R (PCL), 30L (PCL) | | | | | | | |
| | | | TDZ | | | | | | | |
| | | | C/LINE | | | | | | | |
| | | X | OTHER (SPECIFY) PAPI-2L 03 (PCL), 12R (PCL), 21 (PCL), 30L (PCL) PAPI-4L 12L (PCL), 30R (PCL) | | | | | | | |
| 6. RUNWAY MARKINGS | | BASIC BSC-G 03, 21 | | | | | | | | |
| | | ALL WEATHER PIR-G 12L, 30R | | | | | | | | |
| | | INSTRUMENT NPI-G 12R; -F 30L | | | | | | | | |
| 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 5190 | | | | | FT. FROM THRESHOLD | |
| | | | X | ON CENTERLINE | | | | | FT. FROM CENTERLINE | |
| 10. WAIVERS: NONE | | | | | | | | | | |
| PART D - PREPARED BY: BEV L BORDY (ANDREA CHANEY) | | | | | | DATE: 02/10/2017 | | | | |
| TITLE: AERONAUTICAL INFORMATION SPECIALIST | | | | | | OFFICE: AJV-5433 | | | | |
| PART C - REMARKS: | | | | | | | | | | |
| VDP NOT ESTABLISHED - VDP TOO CLOSE TO MAP. | | | | | | | | | | |
| PRECIPITOUS TERRAIN EVALUATION COMPLETED. | | | | | | | | | | |
| ORDER 8260.3 CHAPTER 2 APPLIED TO 5929 AAO 395648N/1051133W | | | | | | | | | | |
| KBJC AWOS-3 IS ON WMSCR. KDEN ASOS IS ON WMSCR. RASS PRESSURE PATTERNS SAME. KBJC 5673.4, KDEN 5433.8. RA=81.2 | | | | | | | | | | |
| VGSI DATA: 3.00/40.6 | | | | | | | | | | |
| AVERAGE VEGETATION HEIGHT OF 25 FT PER FPT. | | | | | | | | | | |
| LPV AND LNAV/VNAV NA - GQS PENETRATED. LPV AND LNAV/VNAV: 5661 LT POLE (KBJCT000244) 395454.620N/1050742.830W (0.14 FT) 5662 APP LT (KBJCT000251) 395456.310N/1050741.790W (0.11 FT) | | | | | | | | | | |
| MAG VAR NOT UPDATED PER FPT REQUEST. | | | | | | | | | | |
| COURSE REVERSAL NOT DEVELOPED PER FPT. | | | | | | | | | | |
| FEEDER NOT DEVELOPED PER FPT. | | | | | | | | | | |
| TAA NOT DEVELOPED PER FPT. | | | | | | | | | | |
| OBSTACLE 11: POLE (KBJCT001350). OBSTACLE 13: POLE (KBJCT001372). | | | | | | | | | | |
| WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DENVER INTL ALTIMETER SETTING AND INCREASE ALL MDAS 100 FT. INCREASE LP VISIBILITY CAT C AND D 3/8 SM AND LNAV CAT C AND D AND CIRCLING CAT C VISIBILITY 1/4 SM. | | | | | | | | | | |
| ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.41NM CAT B: 2.02NM CAT C: 3.21NM CAT D: 4.23NM | | | | | | | | | | |
| SEE ATTACHED AIRSPACE LETTER. | | | | | | | | | | |

