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 |
|---|---|---|---|
| WISKE (IAF) | WUZGO (FB) | 103.42 / 6.16 | 3000 |
| WUZGO (IF) | WAVVO (FB) | 092.87 / 6.01 | 2900 |
| WAVVO (FAF) | ZIXEL/2.20 NM TO RW09 (FB) | 092.96 / 3.05 | |
| ZIXEL/2.20 NM TO RW09 | RW09 (MAP) (FO) | 093.00 / 2.20 | |
| RW09 (MAP) | 1584 MSL | 093.00 | |
| 1584 MSL | KEYRE (FO) | | 3000 |

## MISSED APPROACH

LP: RW09
LNAV: RW09

CLIMB TO 3000 DIRECT KEYRE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT WUZGO
3. FAC: 092.96 FAF: WAVVO DIST FAF TO MAP: 5.25 THLD: 5.25
4. MIN. ALT: WUZGO 3000, WAVVO 2900, ZIXEL/2.20 NM TO RW09 1920
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: RW09 3100

## ADDITIONAL FLIGHT DATA:

HOLD E, RT, 273.20 INBOUND.
CHART FAS OBST: 1479 TREE 400746N/0801837W
CHART FAS OBST: 1420 TREE 400757N/0801840W
OBST: 1639 AAO 400801N/0802457W
WAAS CHANNEL # 82230
REFERENCE PATH ID: W09A
WAVVO TO RW09: 3.00/50
LTP HAE: 325.3 M

MAG VAR: 8W 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 |
| LP MDA | 1680 | 1 | 502 | 1680 | 1 | 502 | 1680 | 1 3/8 | 502 | 1680 | 1 3/8 | 502 | | | |
| LNAV MDA | 1740 | 1 | 556 | 1740 | 1 | 556 | 1740 | 1 5/8 | 556 | 1740 | 1 5/8 | 556 | | | |
| CIRCLING | 1800 | 1 | 616 | 1800 | 1 | 616 | 1800 | 1 3/4 | 616 | 2040 | 2 3/4 | 856 | | | |

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN AND CIRCLING RWY 9 PROCEDURES NA AT NIGHT. (SEE FORM 8260-10)

@ CAT D 900-2 3/4
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

| CITY AND STATE | ELEVATION: 1184 THRE: 1178 AIRPORT NAME: | FACILITY IDENTIFIER: | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: | SUP |
|---|---|---|---|---|
| WASHINGTON, PA | WASHINGTON COUNTY | RNAV | RNAV (GPS) RWY 9, AMDT 1 | AMDT 1 ORIG |
| | | | | DATED 08/30/2007 |

| 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] ZOB, PIT APP CON, AIRPORT MANAGER |

| FLIGHT CHECKED BY | | |
|---|---|---|
| NAME: CURT DRAPER | FIFO | DATE: 09/20/2012 |

| DEVELOPED BY | | |
|---|---|---|
| NAME: RONALD SALPINO | FIFO AJV-352 | DATE: 07/16/2012 |

| APPROVED BY | | |
|---|---|---|
| NAME: DARRYEL ADAMS MANAGER | FIFO AJV-352 | DATE: 09/27/2012 |

CHANGES:

1. RAISED SEGMENT ALTITUDE WUZGO TO WAVVO FROM 2700 TO 2900.
2. ADDED STEPDOWN FIX ZIXEL.
3. CHANGED MISSED APPROACH FROM "CLIMB TO 3000 DIRECT ANUYE AND VIA 093 TRACK TO KEYRE AND HOLD" TO CLIMB TO 3000 DIRECT KEYRE AND HOLD.
4. RAISED CAT A CIRCLING MDA FROM 1780 TO 1800.
5. RAISED SI MDA FROM 1720 TO 1740, INCREASED CAT C AND D VISIBILITY FROM 1 1/2 AND 1 3/4 TO 1 5/8.
6. ADDED NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
7. ADDED NOTE: WHEN VGSI INOP, STRAIGHT-IN AND CIRCLING RWY 9 PROCEDURES NA AT NIGHT.
8. DISTANCE FAF TO MAP INCREASED FROM 4.6 TO 5.25.
9. SEGMENT WISKE TO WUZGO CHANGED FROM 102/6.8 TO 103/6.16.
10 ADDED LP MINIMUMS.

REASONS:

1. 1500 FT OF AIRSPACED USED PER CRITERIA.
2. AAO ADDED TO FINAL INSTEAD OF ADDING JUST VEGETATION.
3. ATC REQUEST.
4. NEW CONTROLLING OBSTACLE.
5. ADDED AAO AS FINAL CONTROLLING OBSTACLE.
6. 20:1 AND 34:1 PENETRATIONS.
7. IAW 8260.19E DUE TO 20:1 AND 34:1 PENETRATIONS.
8. FAF ALTITUDE RAISED 200 FEET AND APPLIED L-V PFAF FORMULA.
9. WUZGO MOVED 3838.74 FT WEST DUE TO PFAF BEING RAISED AND MOVED TO THE WEST.
10. AFS GUIDANCE ON PUBLISHING AREA NAVIGATION GPS MINIMA RULES.

10/2/12: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 09/27/2012.

1. REMOVED GLIDESLOPE AND TCH DATA FROM LINE 7 OF THE 8260-3.
2. REMOVED GLIDESLOPE AND TCH DATA FROM LINE 8 OF THE 8260-9.

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES, (CONT.):
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WHEELING ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET, AND ALL CAT C/D VISIBILITIES 1/4 MILE.

| CITY AND STATE | ELEVATION: 1184 THRE: 1178<br>AIRPORT NAME: | FACILITY IDENTIFIER: | PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| WASHINGTON, PA | WASHINGTON COUNTY | RNAV | RNAV (GPS) RWY 9, AMDT 1 | AMDT: ORIG |
| | | | | DATED: 08/30/2007 |

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

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:

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

## FAS DATA BLOCK INFORMATION

| DATA FIELD | DATA |
|---|---|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KAFJ |
| RUNWAY | RW09 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W09A |
| LTP/FTP LATITUDE | 400809.1850N |
| LTP/FTP LONGITUDE | 0801756.7805W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +03253 |
| FPAP LATITUDE | 400816.9000N |
| FPAP LONGITUDE | 0801601.0400W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00050.0 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.00 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 1224 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 0.0 |
| CRC REMAINDER | D3FDA865 |

## ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|---|---|
| ICAO CODE | K6 |
| LTP ORTHOMETRIC HEIGHT | +03590 |
| FPAP ORTHOMETRIC HEIGHT | +03590 |

QUALITY 1 CHECKED

| CITY AND STATE | ELEVATION: 1184 THRE: 1178 | FACILITY IDENTIFIER: | PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| WASHINGTON, PA | AIRPORT NAME: WASHINGTON COUNTY | RNAV | RNAV (GPS) RWY 9, AMDT 1 | AMDT: ORIG |
| | | | | DATED: 08/30/2007 |

| 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
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   KEYRE K60    C     N40091211W080015764                      W0091     NAR           KEYRE
        SUSAEAENRT   WAVVO K60    W     N40074167W080244599                      W0089     NAR           WAVVO
        SUSAEAENRT   WISKE K60    C   L N40074489W080403394                      W0087     NAR           WISKE
        SUSAEAENRT   WUZGO K60    W     N40070969W080323414                      W0088     NAR           WUZGO
        SUSAEAENRT   ZIXEL K60    W     N40075771W080204823                      W0089     NAR           ZIXEL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAFJK6AAFJ     0     050YHN40081130W080172470W008001184         1800018000C    MNAR    WASHINGTON COUNTY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAFJK6FR09   AWISKE 010WISKEK6EA0E  A    IF                                                18000                A JS
        SUSAP KAFJK6FR09   AWISKE 020WUZGOK6EA0EE B 010TF                      10340062    + 03000                            A JS
        SUSAP KAFJK6FR09   R      010WUZGOK6EA0E  I    IF                                + 03000     18000                  A JS
        SUSAP KAFJK6FR09   R      020WAVVOK6EA1E  F 051TF                      09290060    + 02900                  RW09  K6PGA JS
        SUSAP KAFJK6FR09   R      020WAVVOK6EA2WALP        N          ALNAV                                                     JS
        SUSAP KAFJK6FR09   R      021ZIXELK6EA0E S  031TF                      09300031    V 0192001928        -300          A JS
        SUSAP KAFJK6FR09   R      030RW09 K6PG0GY M 031TF                      09300022      01228             -300          A JS
        SUSAP KAFJK6FR09   R      040         0  M     CA                      0930        + 01584                            A JS
        SUSAP KAFJK6FR09   R      050KEYREK6EA0EY      DF                                + 03000                            A JS
        SUSAP KAFJK6FR09   R      060KEYREK6EA0EE  R   HM                      27320040    + 03000                            A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAFJK6GRW09    0050040930 N40080919W080175678-0200    +0325301178000050100R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAFJK6PR09   RW09 001 0000W09A0N4008091850W08017567805+032530300N4008169000W080160104001067512240005 00F400000D3FDA865
        SUSAP KAFJK6PR09   RW09 002E      +03590+03590LP        82230

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAFJK6SRW09 K6PG                0   18018003125                                                                    M
```

QUALITY CHECKED

| CITY AND STATE | ELEVATION: 1184 THRE: 1178 | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| **WASHINGTON, PA** | AIRPORT NAME: **WASHINGTON COUNTY** | **RNAV** | **RNAV (GPS) RWY 9, AMDT 1** | AMDT: **ORIG** |
| | | | | DATED: **08/30/2007** |

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

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WISKE | WISKE | 010 | IAF | IF | | FB | | | | | |
| | WISKE | WUZGO | 020 | | TF | | FB | 1.0 | 103.4(095.4T) | 006.2 | AA 03000 | |
| | | WUZGO | 010 | FACF | IF | | FB | | | | AA 03000 | |
| | | WAVVO | 020 | FAF | TF | | FB | 0.5 | 092.9(084.9T) | 006.0 | AA 02900 | |
| | | ZIXEL | 021 | SDF | TF | | FB | 0.3 | 093.0(085.0T) | 003.1 | AA 01920 GS 01928 | |
| | | RW09 | 030 | MAP | TF | | FO | 0.3 | 093.0(085.0T) | 002.2 | AT 01228 | |

| MISSED APPROACH | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG(TRUE) | DISTANCE | ALTITUDE | SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 040 | | CA | | FB | | 093.0(085.0T) | | AA 01584 | |
| | KEYRE | 050 | | DF | | FO | | | | AA 03000 | |
| | KEYRE | 060 | | HM | R | FO | | 273.2(265.2T) | 004.0 | AA 03000 | |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|---|---|---|---|---|---|
| | KEYRE | N400912.11 | W0800157.64 | N4009.202 | W08001.961 |
| | WAVVO | N400741.67 | W0802445.99 | N4007.695 | W08024.767 |
| | WISKE | N400744.89 | W0804033.94 | N4007.748 | W08040.566 |
| | WUZGO | N400709.69 | W0803234.14 | N4007.162 | W08032.569 |
| | ZIXEL | N400757.71 | W0802048.23 | N4007.962 | W08020.804 |
| | RW09 | N400809.19 | W0801756.78 | N4008.153 | W08017.946 |

| RUNWAY DATA | RWY | THRESHOLD ELEVATION | TCH |
|---|---|---|---|
| | RW09 | 01178 | 50 |

| CITY AND STATE | ELEVATION: 1184 THRE: 1178 | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| **WASHINGTON, PA** | AIRPORT NAME: **WASHINGTON COUNTY** | **RNAV** | **RNAV (GPS) RWY 9, AMDT 1** | AMDT: **ORIG** |
| | | | | DATED: **08/30/2007** |

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

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. |
|---|---|---|---|---|---|---|---|---|
| INITIAL | WISKE | WUZGO | 1. TOWER (54-000673) | 400549.60N/0803140.71W | 1657 (5E) | 1000 | AT343 | 3000 |
| | | | 2. TERRAIN | 400648.00N/0803621.00W | 1392 (1400) | | AS1500 | 2900 |
| INTERMEDIATE | WUZGO | WAVVO | 3. TOWER (42-001525) | 400708.42N/0802514.64W | 1666 (1A) | 500 | | 2200 |
| | | | 4. TERRAIN | 400548.00N/0802742.00W | 1415 (1400) | | AS1500 | 2900 |
| FINAL: LP | WAVVO | ZIXEL/2.20 NM TO | 5. AAO | 400716.14N/0802305.08W | 1599 (2C) | 250 | AT31 RA40 | 1920 |
| | | RW09 | | | | | | |
| FINAL: LP STEPDOWN | ZIXEL/2.20 NM TO | RW09 | 6. TREE (KAFJT1071) | 400756.58N/0801839.70W | 1420 (1A) | 250 | | 1680 |
| | RW09 | | | | | | | |
| FINAL: LNAV | WAVVO | ZIXEL/2.20 NM TO | 7. AAO | 400705.69N/0802336.58W | 1619 (2C) | 250 | RA40 | 1920 |
| | | RW09 | | | | | | |
| FINAL: LNAV STEPDOWN | ZIXEL/2.20 NM TO | RW09 | 8. TREE | 400745.94N/0801837.42W | 1479 (2C) | 250 | | 1740 |
| | RW09 | | | | | | | |
| 2. PROCEDURE TURN | NA | | | | | | | |
| 3. MISSED APPROACH MAP: | RW09 / RW09 | KEYRE | | | | ASC | | 3000 |
| | | | 9. TOWER (42-000061) | 400751.00N/0801430.00W | 1721 (2C) | 1000 | | 2800 |
| ELEV: | 1580/1640 | | 10. TERRAIN | 400751.00N/0800033.00W | 1480 (1500) | | AS1500 | 3000 |

| 4. CIRCLING AREA | DISTANCE | HT. ABV. ARPT. REQUIRED | ACTUAL | OBSTRUCTION | COORDINATES | ELEV. MSL | ROC | ALT. ADJUSTMENTS | MIN. ALT. |
|---|---|---|---|---|---|---|---|---|---|
| CATEGORY A | 1.3 NM | 350 | 616 | 11. TREE (KAFJT1539) | 400908.28N/0801852.70W | 1481 (1B) | 300 | | 1800 |
| CATEGORY B | 1.5 NM | 450 | 616 | 12. TREE (KAFJT1617) | 400659.98N/0801558.53W | 1497 (1B) | 300 | | 1800 |
| CATEGORY C | 1.7 NM | 450 | 616 | 12. TREE (KAFJT1617) | 400659.98N/0801558.53W | 1497 (1B) | 300 | | 1800 |
| CATEGORY D | 2.3 NM | 550 | 856 | 9. TOWER (42-000061) | 400751.00N/0801430.00W | 1721 (2C) | 300 | | 2040 |
| CATEGORY E | 4.5 NM | 550 | | | | | | | |

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW09

| SECTOR | OBSTRUCTION | BRG/DIST | ELEVATION (MSL) | M S A | SECTOR | OBSTRUCTION | BRG/DIST | ELEVATION (MSL) | M S A |
|---|---|---|---|---|---|---|---|---|---|
| 360-360 | TOWER (42- | 039/ 25.0 | 2049 (1D) | 3100 | | | | | |
| | | | | | | | | | |

| CITY AND STATE | ELEVATION: 1184 / AIRPORT NAME: | FACILITY | PROCEDURE AND AMENDMENT NO: | REGION |
|---|---|---|---|---|
| WASHINGTON, PA | WASHINGTON COUNTY | RNAV | RNAV (GPS) RWY 9, AMDT 1 | AEA |

## PART B - SUPPLEMENTAL DATA

| 1. COMMUNICATIONS WITH: | 2. WEATHER SERVICE | | 3. ALTIMETER SETTING |
|---|---|---|---|
| ZOB APP CON<br>PIT APP CON<br>AOO FSS | N W S | OTHER:<br>AWOS-3 | SOURCE: KAFJ / KHLG |
| | F A A | | DISTANCE: 0 / 16.54 |
| | A / C | | HOURS REMOTE OPERATION: |
| SATISFACTORY ON: | | | |
| X V H F X U H F H F | LOCATION: KAFJ | | ADJUSTMENT: 0 / 40 |

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

| 5. APPROACH & RUNWAY LIGHTING | |
|---|---|
| | ALS |
| | (S) SALS |
| | MALS |
| X | HIRL 27 (PCL), 09 (PCL) |
| | MIRL |
| X | REIL 27 (PCL) |
| | TDZ |
| | C/LINE |
| X | OTHER (SPECIFY)<br>PAPI-4L 27, 09 |

| 6. RUNWAY MARKINGS | |
|---|---|
| BASIC | |
| ALL WEATHER | PIR-F 27 |
| INSTRUMENT | NPI-G 09 |

| 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 D - PREPARED BY: | DATE: |
|---|---|
| RONALD SALPINO | 07/16/2012 |
| TITLE: AERONAUTICAL INFORMATION SPECIALIST | OFFICE: AJV-352 |

## PART C - REMARKS:

VDP NOT ESTABLISHED - 20:1 PENETRATIONS.

PARA 251, 20:1 PENETRATION.

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TERPS PARAGRAPH 289 APPLIED TO 1639 AAO
400801N/0802457W

BLOCK 3: ALTIMETER SETTING
SOURCE: KAFJ/KHLG
DISTANCE: 16.54
HRS REMOTE: 24
ADJUSTMENT: 39.54

AWOS-3 AND ASOS ON SERVICE A

RWY 09 VGSI DATA: 4.00/77

WAVVO TO RW09: 3.00 / 50

VDP NA - 20:1 PENETRATIONS

TAA NOT USED, ATC REQUEST

LNAV ONLY DUE TO SURVEY TYPE

PRESSURE PATTERNS ARE THE SAME
KAFJ (1184 MSL)
KHLG (1195 MSL)

RASS ADJUSTMENT ROUNDED TO 40 AND ADDED AS NOTE

RASS PRESSURE PATTERNS SAME
KAFJ 1183.90, KHLG 1194.70
RA = 39.56.
SEE ATTACHED AIRSPACE LETTER.

LPV AND LNAV/VNAV NOT DEVELOPED DUE TO GQS PENETRATIONS.

ORDER 8260.3, VOLUME 1, VISUAL PORTION OF FINAL PENETRATIONS:
20:1
1399 TREE (KAFJT0753) 400758.94N/0801834.64W (80.38)
1371 TREE (KAFJT0564) 400801.16N/0801827.91W (79.39)
1368 TREE (KAFJT0562) 400800.15N/0801827.60W (77.14)
1402 TREE (KAFJT0831) 400758.67N/0801836.46W (76.23)
1385 TREE (KAFJT0721) 400759.82N/0801833.52W (71.10)
1373 TREE (KAFJT0653) 400759.57N/0801830.84W (69.38)
1368 TREE (KAFJT0631) 400800.29N/0801829.86W (68.46)
1373 TREE (KAFJT0667) 400800.29N/0801831.51W (67.36)
1388 TREE (KAFJT0786) 400800.00N/0801835.77W (65.48)
1402 TREE (KAFJT1069) 400758.09N/0801839.77W (63.17)
1344 TREE (KAFJT0546) 400800.86N/0801826.00W (59.64)
1251 TREE (KAFJT0339) 400800.86N/0801804.67W (53.70)
1385 TREE (KAFJT0969) 400759.09N/0801837.97W (53.57)
1379 TREE (KAFJT0871) 400800.32N/0801837.06W (51.63)
1360 TREE (KAFJT0734) 400813.83N/0801835.66W (43.98)
1240 TREE (KAFJT0343) 400812.25N/0801805.43W (40.19)
1370 TREE (KAFJT0952) 400812.90N/0801839.39W (39.15)
1265 TREE (KAFJT0403) 400804.16N/0801811.36W (38.71)
1307 TREE (KAFJT0513) 400801.17N/0801821.99W (38.29)
1296 TREE (KAFJT0488) 400801.52N/0801819.26W (38.00)
1352 TREE (KAFJT0745) 400801.45N/0801834.62W (34.56)
CONT.

# STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

| 1. APP SEGMENT | FROM | TO | OBSTRUCTION | COORDINATES | ELEV. MSL | ROC | ALT. ADJUSTMENTS | MIN. ALT. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
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| | | | | | | | | |
| 3. MISSED APPROACH | MAP: | | | | | | | |
| | | | | | | | | |
| | ELEV: | | | | | | | |

| 4. CIRCLING AREA | DISTANCE | | HT. ABV. ARPT. | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| CATEGORY A | 1.3 NM | REQUIRED | 350 | ACTUAL | | | | | | |
| 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 |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |
| | | | | | | | | | |

| CITY AND STATE | | FACILITY | PROCEDURE AND AMENDMENT NO: | REGION |
|---|---|---|---|---|
| **WASHINGTON, PA** | **ELEVATION: 1184**<br>AIRPORT NAME: **WASHINGTON COUNTY** | **RNAV** | **RNAV (GPS) RWY 9, AMDT 1** | **AEA** |

## PART B - SUPPLEMENTAL DATA

| 1. COMMUNICATIONS WITH: | 2. WEATHER SERVICE | 3. ALTIMETER SETTING |
|---|---|---|
| SATISFACTORY ON: | ☐ NWS ☐ FAA ☐ A/C OTHER: | SOURCE:<br>DISTANCE:<br>HOURS REMOTE OPERATION: |
| ☐ VHF ☐ UHF ☐ HF | 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:

**CONTINUED.**
**1358 TREE (KAFJT0808) 400801.30N/0801836.33W (33.88)**
**1360 TREE (KAFJT0858) 400808.68N/0801837.86W (33.21)**
**1359 TREE (KAFJT0863) 400808.67N/0801837.93W (31.94)**
**1358 TREE (KAFJT0847) 400808.70N/0801837.76W (31.61)**
**1361 TREE (KAFJT0920) 400810.35N/0801838.83W (31.19)**
**1360 TREE (KAFJT0912) 400810.37N/0801838.77W (30.43)**
**1359 TREE (KAFJT0897) 400811.35N/0801838.68W (30.21)**
**1309 TREE (KAFJT0537) 400801.82N/0801825.11W (28.50)**
**1266 TREE (KAFJT0429) 400803.27N/0801814.28W (28.02)**
**1300 TREE (KAFJT0520) 400802.06N/0801823.07W (27.50)**
**1363 TREE (KAFJT1046) 400807.48N/0801840.18W (26.71)**
**1343 TREE (KAFJT0740) 400812.43N/0801835.72W (26.13)**
**1356 TREE (KAFJT0921) 400810.51N/0801838.87W (26.11)**
**1288 TREE (KAFJT0498) 400802.25N/0801820.60W (25.14)**
**1360 TREE (KAFJT1043) 400807.42N/0801840.11W (23.96)**
**1361 TREE (KAFJT1049) 400807.41N/0801840.39W (23.87)**
**1331 TREE (KAFJT0692) 400801.80N/0801832.52W (21.84)**
**1272 TREE (KAFJT0465) 400802.36N/0801817.34W (21.79)**
**1345 TREE (KAFJT0803) 400810.55N/0801837.27W (21.31)**
**1307 TREE (KAFJT0551) 400802.48N/0801826.79W (20.30)**
**1366 TREE (KAFJT1127) 400758.81N/0801841.81W (19.60)**
**1351 TREE (KAFJT0988) 400808.79N/0801839.30W (18.69)**
**1251 TREE (KAFJT0418) 400804.25N/0801813.07W (18.13)**
**1259 TREE (KAFJT0439) 400804.98N/0801815.26W (17.99)**
**1345 TREE (KAFJT0879) 400808.54N/0801838.13W (17.10)**
**1340 POLE (42-020140) 400810.23N/0801837.05W (17.02)**
**1351 POLE (KAFJT1038) 400759.83N/0801839.00W (15.91)**
**1218 TREE (KAFJT0347) 400810.42N/0801805.88W (15.65)**
**1347 TREE (KAFJT0980) 400807.50N/0801838.98W (15.36)**
**1332 TREE (KAFJT0739) 400811.07N/0801835.52W (15.31)**
**1198 ROAD (KAFJT0248) 400812.17N/0801801.16W (14.67)**
**1347 TREE (KAFJT0990) 400807.16N/0801839.16W (14.51)**
**1250 TREE (KAFJT0422) 400810.39N/0801814.47W (14.42)**
**1192 ROAD (KAFJT0275) 400811.45N/0801759.63W (14.27)**
**1338 TREE (KAFJT0817) 400809.38N/0801837.40W (13.30)**
**1336 POLE (KAFJT0790) 400810.19N/0801836.98W (13.28)**
**1334 POLE (KAFJT0762) 400811.55N/0801836.70W (12.96)**
**1346 TREE (KAFJT1000) 400808.93N/0801839.52W (12.90)**
**1214 TREE (KAFJT0346) 400810.54N/0801805.69W (12.44)**
**1342 TREE (KAFJT0972) 400809.44N/0801839.16W (10.52)**
**1315 TREE (KAFJT0661) 400813.83N/0801832.72W (10.35)**
**1337 TREE (KAFJT0864) 400807.26N/0801837.80W (9.82)**
**1198 ROAD (KAFJT0299) 400811.84N/0801802.39W (9.77)**
**1334 TREE (KAFJT0827) 400809.96N/0801837.65W (8.58)**
**1330 TREE (KAFJT0773) 400809.27N/0801836.58W (8.42)**
**1338 TREE (KAFJT0930) 400809.38N/0801838.81W (7.84)**
**1335 TREE (KAFJT0886) 400808.30N/0801837.93W (7.77)**
**1336 TREE (KAFJT0888) 400808.85N/0801838.29W (7.62)**
**1308 TREE (KAFJT0640) 400802.60N/0801830.40W (7.39)**
**1330 TREE (KAFJT0791) 400808.43N/0801836.80W (7.20)**
**1199 TREE (KAFJT0320) 400808.23N/0801803.70W (6.55)**
**1199 TREE (KAFJT0321) 400808.26N/0801803.08W (6.53)**
**1283 TREE (KAFJT0530) 400803.26N/0801824.30W (6.27)**
**1199 TREE (KAFJT0322) 400808.23N/0801803.16W (6.21)**
**1327 TREE (KAFJT0765) 400809.90N/0801836.56W (5.77)**
**1299 TREE (KAFJT0579) 400802.63N/0801828.68W (5.05)**
**1314 TREE (KAFJT0693) 400813.38N/0801833.95W (4.40)**
**1243 TREE (KAFJT0432) 400806.19N/0801814.81W (4.26)**
**1193 ROAD (KAFJT0300) 400810.99N/0801802.46W (4.12)**
**1221 TREE (KAFJT0379) 400806.97N/0801809.32W (3.83)**
**1221 TREE (KAFJT0381) 400806.98N/0801809.34W (3.76)**
**1326 TREE (KAFJT0785) 400808.71N/0801836.73W (3.59)**
**1337 TREE (KAFJT1022) 400808.43N/0801839.64W (3.22)**
**1326 TREE (KAFJT0793) 400909.21N/0801836.80W (3.10)**
**1328 POLE (KAFJT0822) 400812.74N/0801837.87W (2.96)**
**1296 TREE (KAFJT0574) 400804.30N/0801828.73W (2.59)**
**CONT.**

# STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

| 1. APP SEGMENT | | FROM | TO | OBSTRUCTION | COORDINATES | ELEV. MSL | ROC | ALT. ADJUSTMENTS | MIN. ALT. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |
| 3. MISSED APPROACH | MAP: | | | | | | | | |
| | ELEV: | | | | | | | | |

| 4. CIRCLING AREA | DISTANCE | HT. ABV. ARPT. | | | |
|---|---|---|---|---|---|
| | | REQUIRED | | 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 |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |
| | | | | | | | | | |

| CITY AND STATE | ELEVATION / AIRPORT NAME | FACILITY | PROCEDURE AND AMENDMENT NO: | REGION |
|---|---|---|---|---|
| **WASHINGTON, PA** | **ELEVATION: 1184**<br>AIRPORT NAME:<br>**WASHINGTON COUNTY** | **RNAV** | **RNAV (GPS) RWY 9, AMDT 1** | **AEA** |

## PART B - SUPPLEMENTAL DATA

| 1. COMMUNICATIONS WITH: | 2. WEATHER SERVICE | 3. ALTIMETER SETTING |
|---|---|---|
| SATISFACTORY ON: | ☐ N W S ☐ F A A ☐ A / C OTHER: | SOURCE:<br>DISTANCE:<br>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:

**CONTINUED.**
**1182 TREE (KAFJT0279) 400808.03N/0801759.81W (2.07)**
**1191 ROAD (KAFJT0301) 400810.77N/0801802.46W (2.03)**
**1269 TREE (KAFJT0509) 400803.65N/0801821.86W (1.88)**
**1337 TREE (KAFJT1039) 400812.07N/0801840.44W (1.72)**
**1212 TREE (KAFJT0370) 400812.96N/0801808.24W (1.64)**

**34:1**
**1190 ROAD (KAFJT0302) 400810.63N/0801802.48W (5.59)**
**1337 TREE (KAFJT1050) 400810.53N/0801840.76W (65.48)**
**1189 ROAD (KAFJT0303) 400810.50N/0801802.51W (4.49)**
**1185 OL ON DME (KAFJT0286) 400808.65N/0801801.27W (2.83)**
**1334 TREE (KAFJT1027) 400809.31N/0801839.88W (64.17)**
**1185 OL ON LOC (KAFJT0287) 400808.65N/0801801.29W (2.78)**
**1332 TREE (KAFJT0991) 400806.59N/0801839.10W (63.24)**
**1317 TREE (KAFJT0746) 400809.15N/0801835.53W (57.02)**
**1281 TREE (KAFJT0541) 400803.85N/0801825.66W (41.11)**
**1247 TREE (KAFJT0459) 400806.30N/0801817.15W (28.10)**
**1332 POLE (KAFJT0993) 400801.56N/0801838.60W (63.08)**
**1332 POLE (42-020146) 400801.58N/0801838.66W (62.95)**
**1237 TREE (KAFJT0431) 400809.95N/0801815.09W (23.73)**
**1184 TOP OF LOC 27 (KAFJT0288) 400808.86N/0801801.32W (1.77)**
**1320 TREE (KAFJT0770) 400809.53N/0801836.57W (57.75)**
**1188 ROAD (KAFJT0305) 400810.42N/0801802.54W (3.40)**
**1186 OL ON DME (KAFJT0296) 400809.22N/0801801.99W (2.34)**
**1243 TREE (KAFJT0451) 400807.65N/0801816.57W (25.77)**
**1186 OL ON DME (KAFJT0298) 400809.21N/0801802.03W (2.24)**
**1310 TREE (KAFJT0705) 400812.05N/0801834.43W (53.27)**
**1188 OL ON LOC SHACK (KAFJT0309) 400810.97N/0801802.79W (2.97)**
**1201 TREE (KAFJT0355) 400810.07N/0801806.08W (8.25)**
**1188 OL ON LOC SHACK (KAFJT0313) 400810.97N/0801802.83W (2.88)**
**1324 TREE (KAFJT0849) 400802.27N/0801837.04W (58.81)**
**1187 ROAD (KAFJT0306) 400810.33N/0801802.58W (2.28)**
**1185 DME TOP (KAFJT0294) 400809.22N/0801801.96W (1.41)**
**1185 POLE (KAFJT0295) 400809.23N/0801801.97W (1.39)**
**1319 TREE (KAFJT0779) 400802.81N/0801835.99W (56.34)**
**1187 BLDG (KAFJT0311) 400811.04N/0801802.82W (1.92)**
**1187 BLDG (KAFJT0312) 400810.97N/0801802.82W (1.90)**
**1190 TREE (KAFJT0326) 400809.18N/0801803.49W (2.92)**
**1186 ROAD (KAFJT0307) 400810.23N/0801802.64W (1.12)**
**1309 TREE (KAFJT0714) 400810.07N/0801834.44W (51.74)**
**1186 BLDG (KAFJT0308) 400810.97N/0801802.76W (1.04)**
**1243 TREE (KAFJT0457) 400803.85N/0801816.77W (24.33)**
**1237 TREE (KAFJT0441) 400808.03N/0801815.71W (21.82)**
**1186 BLDG (KAFJT0314) 400810.97N/0801802.86W (0.81)**
**1190 TREE OUTLINE (KAFJT0328) 400811.04N/0801803.96W (2.33)**
**1319 TREE (KAFJT0806) 400807.64N/0801836.97W (55.36)**
**1317 TREE (KAFJT0778) 400809.15N/0801836.70W (54.36)**
**1189 TREE OUTLINE (KAFJT0329) 400810.96N/0801803.97W (1.28)**
**1332 TREE (KAFJT1053) 400810.27N/0801840.88W (60.14)**
**1187 POLE (KAFJT0325) 400810.00N/0801803.50W (0.10)**
**1325 TREE (KAFJT0963) 400803.17N/0801838.41E (56.92)**
**1317 ROAD (KAFJT0801) 400808.86N/0801837.03W (53.53)**
**1332 TREE (KAFJT1066) 400809.94N/0801837.03W (59.67)**
**1316 ROAD (KAFJT0788) 400809.61N/0801836.88W (53.07)**
**1317 ROAD (KAFJT0788) 400808.56N/0801837.08W (53.34)**
**1188 TREE OUTLINE (KAFJT0330) 400810.90N/0801804.03W (0.13)**
**CONT.**

# STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

| 1. APP SEGMENT | FROM | TO | OBSTRUCTION | COORDINATES | ELEV. MSL | ROC | ALT. ADJUSTMENTS | MIN. ALT. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| 3. MISSED APPROACH MAP: | | | | | | | | |
| ELEV: | | | | | | | | |

| 4. CIRCLING AREA | DISTANCE | HT. ABV. ARPT. REQUIRED | 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 |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| CITY AND STATE | ELEVATION: 1184 / AIRPORT NAME | FACILITY | PROCEDURE AND AMENDMENT NO: | REGION |
|---|---|---|---|---|
| WASHINGTON, PA | ELEVATION: 1184<br>AIRPORT NAME: WASHINGTON COUNTY | RNAV | RNAV (GPS) RWY 9, AMDT 1 | AEA |

FAA Form 8260 - 9 / April 2006 (Computer Generated)

## PART B - SUPPLEMENTAL DATA

| 1. COMMUNICATIONS WITH: | 2. WEATHER SERVICE | 3. ALTIMETER SETTING |
|---|---|---|
| SATISFACTORY ON: | N W S / F A A / A / C — OTHER: | SOURCE: / DISTANCE: / 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 | | |
| 6. RUNWAY MARKINGS | BASIC / ALL WEATHER / INSTRUMENT | |
| 7. RUNWAY VISUAL RANGE | APPROACH / MIDFIELD / ROLL OUT | |
| 8. GLIDE PATH | GP ANGLE: / DISTANCE FROM RWY: | ELEV RWY THRESHOLD: / ELEV GP ANTENNA: / THRESHOLD CROSSING HEIGHT: |
| 9. FINAL APPROACH COURSE AIMING | RUNWAY THRESHOLD / ON CENTERLINE | FT. FROM THRESHOLD / FT. FROM CENTERLINE |

10. WAIVERS:

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

## PART C - REMARKS:

**CONTINUED.**
**1240 TREE (KAFJT0456) 400807.52N/0801817.10W (21.53)**
**1344 TREE (KAFJT1144) 400759.30N/0801843.10W (64.26)**
**1188 TREE OUTLINE (KAFJT1144) 400810.86N/0801804.08W (0.01)**
**1321 TREE (KAFJT0886) 400806.39N/0801837.99W (54.71)**
**1316 ROAD (KAFJT0800) 400810.33N/0801837.18W (52.57)**
**1214 TREE (KAFJT0392) 400806.32N/0801810.35W (10.57)**
**1314 TREE (KAFJT0772) 400809.73N/0801836.61W (51.71)**
**1317 ROAD (KAFJT0815) 400810.36N/0801837.47W (52.92)**
**1317 TREE (KAFJT0816) 400807.00N/0801837.10W (52.89)**
**1316 GRD (KAFJT0802) 400814.11N/0801837.65W (52.48)**
**1316 ROAD (KAFJT0804) 400810.09N/0801837.22W (52.42)**
**1305 TREE (KAFJT0712) 400802.71N/0801833.57W (47.82)**
**1317 TREE (KAFJT0819) 400810.12N/0801837.55W (52.68)**
**1321 TREE (KAFJT0903) 400806.41N/0801838.19W (54.26)**
**1314 ROAD (KAFJT0777) 400810.05N/0801836.80W (51.37)**
**1316 ROAD (KAFJT0810) 400808.28N/0801837.13W (52.16)**
**1315 TREE (KAFJT0795) 400808.02N/0801836.84W (51.75)**
**1314 TREE (KAFJT0782) 400809.01N/0801836.73W (51.26)**
**1314 ROAD (KAFJT0781) 400810.31N/0801836.88W (51.25)**
**1313 ROAD (KAFJT0774) 400810.30N/0801836.75W (50.54)**
**1314 ROAD (KAFJT0792) 400810.32N/0801837.02W (50.93)**
**1309 TREE (KAFJT0749) 400808.92N/0801835.57W (48.87)**
**1317 ROAD (KAFJT0835) 400810.39N/0801837.83W (52.11)**
**1315 ROAD (KAFJT0813) 400807.99N/0801837.18W (50.97)**
**1279 TREE (KAFJT0557) 400803.87N/0801827.41W (36.13)**
**1320 BLDG (KAFJT0915) 400808.84N/0801838.61W (52.94)**
**1317 ROAD (KAFJT0855) 400810.15N/0801837.99W (51.68)**
**1317 POLE (KAFJT0861) 400810.08N/0801838.06W (51.51)**
**1217 TREE (KAFJT0405) 400813.17N/0801812.58W (10.27)**
**1207 TREE (KAFJT0383) 400808.02N/0801809.47W (6.01)**
**1340 TREE (KAFJT1138) 400757.43N/0801842.67W (60.75)**
**1220 TREE (KAFJT0409) 400811.55N/0801813.25W (11.32)**
**1194 TREE OUTLINE (KAFJT0359) 400810.94N/0801806.54W (0.43)**
**1314 ROAD (KAFJT0818) 400807.73N/0801837.23W (49.79)**
**1315 ROAD (KAFJT0841) 400808.04N/0801837.60W (50.03)**
**1199 TREE (KAFJT0369) 400810.81N/0801807.92W (2.26)**
**1206 TREE (KAFJT0382) 400807.17N/0801809.37W (5.02)**
**1317 ROAD (KAFJT0887) 400810.17N/0801838.42W (50.71)**
**1327 TREE (KAFJT1067) 400809.70N/0801841.03W (54.65)**
**1318 BLDG (KAFJT0924) 400808.85N/0801838.68W (50.78)**
**1198 TREE OUTLINE(KAFJT0368) 400810.98N/0801807.90W (1.35)**
**1313 ROAD (KAFJT0821) 400807.48N/0801837.27W (48.63)**
**1319 POLE (KAFJT0967) 400802.81N/0801838.38W (50.90)**
**1318 BLDG (KAFJT0939) 400808.43N/0801838.75W (50.51)**
**1315 BLDG (KAFJT0867) 400809.56N/0801838.08W (49.33)**
**1315 TREE (KAFJT0880) 400806.77N/0801837.93W (48.95)**
**1314 BLDG (KAFJT0854) 400810.02N/0801837.96W (48.72)**
**1316 BLDG (KAFJT0935) 400807.10N/0801838.57W (48.58)**
**1314 BLDG (KAFJT0860) 400810.04N/0801838.06W (48.50)**
**1314 BLDG (KAFJT0872) 400809.37N/0801838.09W (48.26)**
**1313 BLDG (KAFJT0832) 400809.86N/0801837.74W (48.18)**
**1313 BLDG (KAFJT0838) 400809.72N/0801837.76W (48.10)**
**1316 BLDG (KAFJT0965) 400808.81N/0801839.05W (47.93)**
**1313 BLDG (KAFJT0844) 400810.01N/0801837.88W (47.90)**
**1313 BLDG (KAFJT0848) 400809.88N/0801837.90W (47.82)**
**1314 RD (N) (KAFJT0885) 400808.10N/0801838.15W (47.79)**
**1313 BLDG (KAFJT0853) 400809.74N/0801837.92W (47.74)**
**1313 TREE (KAFJT0857) 400807.93N/0801837.76W (47.63)**
**1312 TREE (KAFJT0824) 400806.26N/0801837.15W (47.59)**
**1313 BLDG (KAFJT0862) 400809.36N/0801838.00W (47.46)**
**1315 TREE (KAFJT0941) 400806.47N/0801838.57W (47.41)**
**1312 RD (N) (KAFJT0830) 400807.50N/0801837.44W (47.25)**
**1313 BLDG (KAFJT0874) 400809.38N/0801838.18W (47.05)**
**CONT.**

# STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

| 1. APP SEGMENT | FROM | TO | OBSTRUCTION | COORDINATES | ELEV. MSL | ROC | ALT. ADJUSTMENTS | MIN. ALT. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| 3. MISSED APPROACH MAP: | | | | | | | | |
| ELEV: | | | | | | | | |

| 4. CIRCLING AREA | DISTANCE | HT. ABV. ARPT. REQUIRED | 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 |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |
| | | | | | | | | | |

| CITY AND STATE | ELEVATION: 1184 / AIRPORT NAME: | FACILITY | PROCEDURE AND AMENDMENT NO: | REGION |
|---|---|---|---|---|
| **WASHINGTON, PA** | **WASHINGTON COUNTY** | **RNAV** | **RNAV (GPS) RWY 9, AMDT 1** | **AEA** |

**FAA Form 8260 - 9 / April 2006 (Computer Generated)**

## PART B - SUPPLEMENTAL DATA

| 1. COMMUNICATIONS WITH: | 2. WEATHER SERVICE | 3. ALTIMETER SETTING |
|---|---|---|
| SATISFACTORY ON: | [ ] N W S [ ] F A A [ ] A / C OTHER: | SOURCE:<br>DISTANCE:<br>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 | | |
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| | | |
|---|---|---|
| 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:

**CONTINUED.**
**1315 TREE (KAFJT0964) 400806.52N/0801838.79W (46.93)**
**1311 RD (N) (KAFJT0828) 400807.12N/0801837.33W (46.40)**
**1342 TREE (KAFJT1226) 400814.16N/0801851.78W (46.35)**
**1313 BLDG (KAFJT0904) 400808.83N/0801838.46W (46.27)**
**1313 BLDG (KAFJT0911) 400808.40N/0801838.54W (45.98)**
**1311 BLDG (KAFJT0843) 400809.59N/0801837.81W (45.95)**
**1313 RD (N) (KAFJT0922) 400808.16N/0801838.60W (45.78)**
**1311 TREE (KAFJT0883) 400807.99N/0801838.11W (44.85)**
**1310 BLDG (KAFJT0869) 400809.94N/0801838.13W (44.31)**
**1312 BLDG (KAFJT0947) 400808.87N/0801838.90W (44.28)**
**1312 BLDG (KAFJT0950) 400808.72N/0801838.90W (44.24)**
**1309 BLDG (KAFJT0837) 400809.63N/0801837.75W (44.10)**
**1312 BLDG (KAFJT0955) 400808.45N/0801838.95W (44.06)**
**1309 BLDG (KAFJT0840) 400809.55N/0801837.76W (44.05)**
**1310 BLDG (KAFJT0875) 400809.76N/0801838.24W (44.01)**
**1310 BLDG (KAFJT0877) 400809.45N/0801838.22W (43.98)**
**1312 BLDG (KAFJT0961) 400808.89N/0801839.04W (43.97)**
**1310 BLDG (KAFJT0881) 400809.97N/0801838.30W (43.93)**
**1312 RD (N) (KAFJT0966) 400808.21N/0801838.99W (43.91)**
**1309 BLDG (KAFJT0846) 400809.64N/0801837.86W (43.85)**
**1312 BLDG (KAFJT0973) 400808.73N/0801839.08W (43.84)**
**1309 BLDG (KAFJT0851) 400809.55N/0801837.87W (43.80)**
**1310 BLDG (KAFJT0892) 400809.47N/0801838.40W (43.58)**
**1308 RD (N) (KAFJT0833) 400806.68N/0801837.38W (43.18)**
**1310 GRD (KAFJT0908) 400813.98N/0801839.13W (43.08)**
**1317 LT SUPPORT STRUCTURE (KAFJT1092) 400758.97N/0801840.52W (43.04)**
**1311 BLDG (KAFJT0962) 400808.30N/0801838.98W (42.95)**
**1311 POLE (KAFJT0979) 400808.65N/0801839.09W (42.79)**
**1311 BLDG (KAFJT0981) 400808.32N/0801839.10W (42.69)**
**1317 TREE (KAFJT1096) 400801.00N/0801840.91W (42.68)**
**1310 BLDG (KAFJT0929) 400806.86N/0801838.52W (42.63)**
**1308 RD (N) (KAFJT0873) 400807.52N/0801837.91W (42.19)**
**1310 FENCE (KAFJT0960) 400808.90N/0801839.03W (42.00)**
**1310 FENCE (KAFJT0970) 400808.70N/0801839.06W (41.88)**
**1307 LT SUPPORT STRUCTURE (KAFJT0845) 400810.20N/0801837.92W (41.86)**
**1310 FENCE (KAFJT0974) 400808.65N/0801839.07W (41.84)**
**1311 BLDG (KAFJT1007) 400808.36N/0801839.49W (41.81)**
**1310 FENCE (KAFJT0982) 400808.91N/0801839.21W (41.59)**
**1310 FENCE (KAFJT0985) 400808.68N/0801839.24W (41.46)**
**1301 TREE (KAFJT0741) 400808.28N/0801835.26W (41.41)**
**1307 LT SUPPORT STRUCTURE (KAFJT0870) 400810.22N/0801838.17W (41.29)**
**1304 LT SUPPORT STRUCTURE (KAFJT0797) 400810.26N/0801837.12W (40.69)**
**1304 LT SUPPORT STRUCTURE (KAFJT0798) 400810.21N/0801837.12W (40.68)**
**1307 BLDG (KAFJT0898) 400807.36N/0801838.25W (40.37)**
**1308 BLDG (KAFJT0949) 400806.88N/0801838.68W (40.27)**
**1307 TREE (KAFJT0906) 400808.05N/0801838.41W (40.19)**
**1307 BLDG (KAFJT0909) 400806.83N/0801838.33W (40.05)**
**1307 FENCE (KAFJT0919) 400810.05N/0801838.79W (39.84)**
**1307 FENCE (KAFJT0928) 400809.87N/0801838.83W (39.70)**
**1307 FENCE (KAFJT0931) 400809.75N/0801838.87W (39.58)**
**1307 BLDG (KAFJT0937) 400807.40N/0801838.61W (39.56)**
**1304 LT SUPPORT STRUCTURE (KAFJT0825) 400807.86N/0801837.35W (39.55)**
**1303 TREE (KAFJT0805) 400807.23N/0801836.91W (39.39)**
**1307 FENCE (KAFJT0944) 400809.26N/0801838.90W (39.38)**
**(ADDITIONAL OBSTACLES LISTED ON MFR DUE TO SIAP LIMITATIONS)**

WASHINGTON, PA
KAFJ
RNAV (GPS) RWY 9, AMDT 1

**MFR: Continued 34:1 penetrations for KAFJ RWY 09.**

1321 TREE (KAFJT1181) 400757.67N/0801845.23W (35.99)
1295 TREE (KAFJT0733) 400808.21N/0801835.01W (35.96)
1305 BLDG (KAFJT1003) 400808.51N/0801839.48W (35.87)
1305 BLDG (KAFJT1013) 400808.13N/0801839.53W (35.66)
1287 TREE (KAFJT0659) 400804.67N/0801831.62W (34.76)
1300 RD (N) (KAFJT0856) 400805.75N/0801837.49W (34.68)
1302 FENCE (KAFJT0933) 400807.85N/0801838.65W (34.59)
1302 FENCE (KAFJT0934) 400807.74N/0801838.65W (34.56)
1302 RD (N) (KAFJT0938) 400802.60N/0801838.07W (34.55)
1292 TREE (KAFJT0718) 400809.27N/0801834.46W (34.49)
1303 POLE (KAFJT0989) 400807.76N/0801839.20W (34.31)
1304 TREE (KAFJT1026) 400807.67N/0801839.67W (34.22)
1294 GRD (KAFJT0747) 400809.71N/0801835.63W (33.94)
1301 FENCE (KAFJT0940) 400807.65N/0801838.68W (33.47)
1300 RD (N) (KAFJT0923) 400802.92N/0801838.01W (32.77)
1296 TREE (KAFJT0796) 400805.68N/0801836.58W (32.74)
1299 BLDG (KAFJT0891) 400807.67N/0801838.20W (32.57)
1299 BLDG (KAFJT0899) 400807.37N/0801838.25W (32.37)
1290 TREE (KAFJT0722) 400804.78N/0801834.09W (32.17)
1299 BLDG (KAFJT0925) 400807.70N/0801838.56W (31.75)
1278 TREE (KAFJT0583) 400803.93N/0801828.95W (31.64)
1287 TREE (KAFJT0696) 400804.39N/0801832.98W (31.59)
1299 BLDG (KAFJT0932) 400807.38N/0801838.60W (31.58)
1286 TREE (KAFJT0686) 400810.73N/0801833.27W (31.57)
1297 RD (N) (KAFJT0868) 400805.14N/0801837.58W (31.32)
1298 RD (N) (KAFJT0910) 400803.24N/0801837.93W (31.04)
1288 TREE (KAFJT0717) 400809.11N/0801834.41W (30.56)
1297 RD (N) (KAFJT0905) 400803.51N/0801837.87W (30.24)
1296 RD (N) (KAFJT0878) 400804.59N/0801837.68W (29.95)
1288 TREE (KAFJT0723) 400803.95N/0801834.11W (29.91)
1296 RD (N) (KAFJT0882) 400804.43N/0801837.70W (29.87)
1299 BLDG (KAFJT1005) 400807.81N/0801839.42W (29.83)
1299 BLDG (KAFJT1008) 400807.76N/0801839.44W (29.77)
1288 GRD (KAFJT0727) 400809.28N/0801834.82W (29.67)
1298 GRD (KAFJT0983) 400809.90N/0801839.33W (29.57)
1296 RD (N) (KAFJT0900) 400803.71N/0801837.84W (29.36)
1274 TREE (KAFJT0567) 400813.73N/0801829.54W (28.83)
1298 BLDG (KAFJT1009) 400807.70N/0801839.44W (28.75)
1298 BLDG (KAFJT1010) 400807.82N/0801839.47W (28.72)
1284 TREE (KAFJT0695) 400805.46N/0801833.09W (28.62)
1295 RD (N) (KAFJT0890) 400804.07N/0801837.78W (28.59)
1291 GRD (KAFJT0775) 400807.07N/0801836.40W (28.51)
1281 TREE (KAFJT0668) 400812.18N/0801832.83W (27.95)

1297 BLDG (KAFJT0999) 400807.81N/0801839.38W (27.92)
1296 FENCE (KAFJT0975) 400802.25N/0801838.34W (27.85)
1297 BLDG (KAFJT1004) 400807.68N/0801839.40W (27.84)
1301 TREE (KAFJT1080) 400808.39N/0801841.27W (27.77)
1297 BLDG (KAFJT1012) 400807.70N/0801839.48W (27.66)
1269 TREE (KAFJT0550) 400804.97N/0801826.91W (27.55)
1295 FENCE (KAFJT0959) 400802.51N/0801838.29W (27.03)
1308 TREE (KAFJT1154) 400801.14N/0801844.08W (26.50)
1320 TREE (KAFJT1219) 400813.29N/0801850.86W (26.22)
1285 TREE (KAFJT0731) 400807.87N/0801834.89W (26.15)
1294 FENCE (KAFJT0954) 400802.61N/0801838.28W (26.08)
1278 TREE (KAFJT0660) 400806.36N/0801831.85W (25.67)
1292 RD (N) (KAFJT0918) 400804.52N/0801838.14W (24.89)
1290 RD (N) (KAFJT0852) 400803.45N/0801837.19W (24.77)
1297 TREE (KAFJT1063) 400804.13N/0801840.36W (24.74)
1280 TREE (KAFJT0701) 400809.20N/0801833.77W (24.04)
1291 GRD (KAFJT0946) 400806.63N/0801838.64W (23.30)
1272 TREE (KAFJT0626) 400812.73N/0801831.11W (23.00)
1284 TREE (KAFJT0757) 400803.55N/0801835.42W (22.83)
1276 TREE (KAFJT0673) 400803.08N/0801831.92W (22.67)
1286 RD (N) (KAFJT0820) 400803.40N/0801836.80W (21.65)
1289 RD (N) (KAFJT0945) 400804.59N/0801838.39W (21.34)
1303 TREE (KAFJT1162) 400759.86N/0801844.43W (20.37)
1270 TREE (KAFJT0642) 400806.96N/0801830.92W (19.94)
1287 FENCE (KAFJT0936) 400803.21N/0801838.14W (19.55)
1285 GRD (KAFJT0865) 400805.75N/0801837.63W (19.37)
1287 RD (N) (KAFJT0971) 400804.66N/0801838.61W (18.86)
1281 GRD (KAFJT0766) 400806.38N/0801836.17W (18.85)
1285 FENCE (KAFJT0901) 400804.26N/0801837.92W (18.32)
1243 TREE (KAFJT0486) 400805.67N/0801819.66W (18.22)
1252 TREE (KAFJT0523) 400804.50N/0801823.55W (18.07)
1273 TREE (KAFJT0694) 400808.57N/0801833.41W (17.69)
1281 RD (N) (KAFJT0799) 400803.36N/0801836.37W (17.61)
1235 TREE (KAFJT0458) 400804.83N/0801816.90W (16.29)
1271 TREE (KAFJT0690) 400808.57N/0801833.26W (16.04)
1278 RD (N) (KAFJT0771) 400803.34N/0801835.87W (15.75)
1284 RD (N) (KAFJT0986) 400804.72N/0801838.82W (15.39)
1272 GRD (KAFJT0708) 400808.65N/0801834.11W (15.12)
1283 RD (N) (KAFJT0992) 400804.65N/0801838.94W (14.10)
1283 RD (N) (KAFJT0996) 400804.82N/0801839.01W (13.99)
1227 TREE (KAFJT0435) 400809.71N/0801815.35W (13.07)
1282 RD (N) (KAFJT0997) 400804.59N/0801838.98W (13.00)
1283 BLDG (KAFJT1034) 400803.80N/0801839.38W (12.88)
1262 TREE (KAFJT0628) 400805.93N/0801830.40W (12.86)
1272 GRD (KAFJT0737) 400807.44N/0801835.02W (12.74)
1282 BLDG (KAFJT1036) 400803.41N/0801839.35W (11.85)
1260 TREE (KAFJT0619) 400808.72N/0801830.36W (11.67)
1281 RD (N) (KAFJT1014) 400804.92N/0801839.18W (11.63)

1281 BLDG (KAFJT1024) 400803.81N/0801839.19W (11.32)
1280 RD (N) (KAFJT1002) 400804.50N/0801839.02W (10.88)
1272 RD (N) (KAFJT0760) 400803.32N/0801835.51W (10.56)
1276 GRD (KAFJT0859) 400803.96N/0801837.36W (10.52)
1270 GRD (KAFJT0750) 400806.42N/0801835.32W (9.79)
1264 TREE (KAFJT0685) 400808.54N/0801832.94W (9.76)
1270 RD (N) (KAFJT0751) 400803.34N/0801834.99W (9.75)
1277 GRD (KAFJT0927) 400804.87N/0801838.26W (9.71)
1258 TREE (KAFJT0621) 400810.54N/0801830.60W (9.60)
1232 TREE (KAFJT0475) 400806.14N/0801818.70W (9.53)
1255 TREE (KAFJT0569) 400809.16N/0801829.17W (9.49)
1278 RD (N) (KAFJT1011) 400804.36N/0801839.09W (8.69)
1247 TREE (KAFJT0538) 400806.32N/0801825.80W (8.43)
1288 TREE (KAFJT1142) 400814.34N/0801844.74W (8.41)
1257 TREE (KAFJT0623) 400810.46N/0801830.69W (8.37)
1237 TREE (KAFJT0500) 400804.67N/0801821.32W (8.19)
1223 TREE (KAFJT0440) 400810.89N/0801815.97W (7.97)
1249 TREE (KAFJT0549) 400806.13N/0801826.88W (7.92)
1267 RD (N) (KAFJT0735) 400803.38N/0801834.52W (7.83)
1232 TREE (KAFJT0484) 400803.31N/0801819.17W (7.73)
1277 RD (N) (KAFJT1030) 400805.10N/0801839.51W (6.92)
1270 GRD (KAFJT0794) 400804.93N/0801836.44W (6.86)
1265 RD (N) (KAFJT0726) 400803.43N/0801834.14W (6.71)
1305 TREE (KAFJT1241) 400811.12N/0801852.60W (6.70)
1223 TREE (KAFJT0448) 400812.53N/0801817.03W (5.98)
1228 TREE (KAFJT0473) 400807.12N/0801818.64W (5.92)
1275 RD (N) (KAFJT1016) 400804.24N/0801839.12W (5.59)
1275 BLDG (KAFJT1021) 400803.74N/0801839.09W (5.53)
1236 TREE (KAFJT0511) 400813.51N/0801823.21W (5.17)
1217 TREE (KAFJT0424) 400812.41N/0801814.74W (5.16)
1286 TREE (KAFJT1151) 400813.11N/0801845.21W (5.03)
1292 TREE (KAFJT1191) 400756.85N/0801846.01W (5.00)
1227 TREE (KAFJT0472) 400808.77N/0801818.80W (4.98)
1222 TREE (KAFJT0449) 400808.92N/0801816.63W (4.96)
1253 TREE (KAFJT0615) 400807.23N/0801830.12W (4.83)
1274 RD (N) (KAFJT1023) 400804.05N/0801839.16W (4.45)
1274 BLDG (KAFJT1028) 400803.38N/0801839.24W (4.09)
1275 RD (N) (KAFJT1044) 400805.33N/0801839.91W (4.07)
1276 GRD (KAFJT1061) 400809.09N/0801840.89W (3.81)
1250 TREE (KAFJT0594) 400805.75N/0801829.42W (3.04)
1273 GRD (KAFJT1029) 400802.62N/0801839.19W (3.01)
1272 GRD (KAFJT1001) 400805.48N/0801839.13W (2.88)
1275 GRD (KAFJT1060) 400814.06N/0801841.46W (2.80)
1260 RD (N) (KAFJT0715) 400803.49N/0801833.69W (2.75)
1204 TREE (KAFJT0385) 400812.69N/0801810.15W (2.67)
1274 GRD (KAFJT1052) 400809.91N/0801840.71W (2.43)
1233 TREE (KAFJT0512) 400806.91N/0801822.46W (2.18)
1248 TREE (KAFJT0577) 400805.29N/0801828.95W (1.99)

1271 BLDG (KAFJT0998) 400803.67N/0801838.89W (1.96)
1271 BLDG (KAFJT1015) 400803.32N/0801839.01W (1.60)
1207 TREE (KAFJT0401) 400810.75N/0801812.04W (0.87)
1257 RD (N) (KAFJT0702) 400803.57N/0801833.24W (0.79)
1249 TREE (KAFJT0617) 400810.37N/0801830.54W (0.69)
1230 TREE (KAFJT0502) 400808.67N/0801822.00W (0.68)
1198 TREE OUTLINE (KAFJT0372) 400810.97N/0801808.21W (0.64)
1249 TREE (KAFJT0622) 400809.88N/0801830.56W (0.52)
1246 TREE (KAFJT0573) 400809.35N/0801829.29W (0.27)
1230 TREE (KAFJT0506) 400812.47N/0801822.72W (0.02)

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** KEYRE **STATE:** PA **COUNTRY:** US

**LATITUDE/LONGITUDE:** 400912.11N/0800157.64W **TYPE:** WP, 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 | WASHINGTON | I-AFJ | LOC/DME | | 093.04 | 085.04 | 12.37 | 12.36 | | 3000 | 5600 |
| 2 | ALLEGHENY | AGC | VOR/DME | L | 186.13 | 177.13 | 7.52 | 7.52 | | 3000 | 5600 |

**HOLDING:** **HOLDING TYPE OF ACTION:** MODIFY

**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 | E | I-AFJ | LOC/DME | 093.04 | 273.04 | R | 1 | | 3000 | 5000 | 4 | 5 |
| 2 | E | | WP | 093.20 | 273.20 | R | | 4 | 3000 | 6000 | 5 | 6 |

**CONTROLLING OBSTRUCTIONS:**

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|---|---|---|---|---|---|
| 1 | 200 | TOWER (42-000770) | 400816.00N/0795729.00W | 1690 | 5E |
| 2 | 200 | TOWER (42-000770) | 400816.00N/0795729.00W | 1690 | 5E |

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

**REMARKS:**
FACILITY 1 - DME FACILITY COORDINATES 400809.22N/0801801.96W

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | ILS OR LOC RWY 27 | 1, 2 | 1 | KAFJ | WASHINGTON | PA (US) |
| IAP | RNAV (GPS) RWY 27 | | 2 | KAFJ | WASHINGTON | PA (US) |
| IAP | RNAV (GPS) RWY 9 | | 2 | KAFJ | WASHINGTON | PA (US) |

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2 **DATE OF REVISION:** 11/15/2012

**REASON FOR REVISION:**
1. UPDATED DME FACILITY COORDINATES.
2. UPDATED FAC 1 BEARING FROM 085.02 TO 085.04.
3. MOVED FIX 33.49 FEET SOUTHEAST.
4. CHANGED FAC 2 BEARING FROM 177.16 TO 177.13 AND ADDED DME DISTANCE.
5. REMOVED FAC 3.
6. UPDATED FIX USE.
7. CHANGED FPO FROM NYC TO EASTERN.
8. UPDATED HOLDING PATTERN OBSTACLE ID FROM 39-0770 TO 42-000770.

**DEVELOPED BY:** **DATE:** 06/01/2012 **OFFICE:** AJV-352 **NAME:** RONALD SALPINO

**APPROVED BY:** **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

**SIGNATURE:**

**DISTRIBUTION:**
**NFDC**
**FPO:** EST
**ARTCC:** ZOB
**ATC FACILITY:** PIT APP CON
**OTHER:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** WAVVO **STATE:** PA **COUNTRY:** US

**LATITUDE/LONGITUDE:** 400741.67N/0802445.99W **TYPE:** WP

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

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

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | RNAV (GPS) RWY 9 | | | KAFJ | WASHINGTON | PA (US) |

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2 **DATE OF REVISION:** 11/15/2012

**REASON FOR REVISION:**
1. FIX RELOCATED 3784.23 FT WEST.
2. FAC 1 REMOVED.
3. FIX USE UPDATED.
4. FPO CHANGED FROM NY TO EASTERN.

**DEVELOPED BY:** **DATE:** 05/24/2012 **OFFICE:** AJV-352 **NAME:** RONALD SALPINO

**APPROVED BY:** **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

**SIGNATURE:**

**DISTRIBUTION:**
**NFDC**
**FPO:** EST
**ARTCC:** ZOB
**ATC FACILITY:** PIT APP CON
**OTHER:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** WISKE **STATE:** WV **COUNTRY:** US

"INFO ONLY"

**LATITUDE/LONGITUDE:** 400744.89N/0804033.94W **TYPE:** WP, INT, 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 | BELLAIRE | AIR | VOR/DME | H | 051.00 | 044.00 | 9.35 | 9.35 | | 3300 | 18000 |
| 2 | NEWCOMERSTOWN | CTW | VOR/DME | L | 106.00 | 099.00 | | 37.29 | | 3300 | 18000 |

**HOLDING:** **HOLDING TYPE OF ACTION:** MODIFY

**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 | AIR | VOR/DME | 051.00 | 051.00 | L | 1-1 1/2 | | 3300 | 17500 | 6 | 18 |
| 2 | SW | | WP | 231.00 | 051.00 | L | | 4 | 3100 | 14000 | 5 | 11 |
| 3 | SW | | WP | 233.82 | 053.82 | L | | 10 | 3100 | 17500 | 7 | 17 |

**CONTROLLING OBSTRUCTIONS:**

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|---|---|---|---|---|---|
| 1 | 200 | TOWER (39-000899) | 400340.00N/0804508.00W | 2025 | 2C |
| 2 | 200 | TOWER (39-000899) | 400340.00N/0804508.00W | 2025 | 2C |
| 3 | 200 | TOWER (39-000899) | 400340.00N/0804508.00W | 2025 | 2C |

**REASON FOR NONSTANDARD HOLDING:**
PAT 1 ZOB REQUESTED LEFT TURNS DUE TO OBSTACLE DEPT ROUTES FROM KPIT
PAT 3 ATC REQUEST.

**HOLDING RESTRICTIONS:**
PAT 3 CHART 210K ICON
HOLDING LIMITED TO ESTABLISHED PATTERNS.

**REMARKS:**
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| EN ROUTE | V117 | 1, 2 | 1 | | | (US) |
| EN ROUTE | V443 | 1, 2 | | | | (US) |
| IAP | RNAV (GPS) RWY 14 | | 2 | K2G2 | STEUBENVILLE | OH (US) |
| IAP | RNAV (GPS) RWY 32 | | 2 | K2G2 | STEUBENVILLE | OH (US) |
| IAP | RNAV (GPS) RWY 10 | | | KAGC | PITTSBURGH | PA (US) |
| IAP | VOR-A | 1, 2 | | KAGC | PITTSBURGH | PA (US) |
| IAP | RNAV (GPS) RWY 10L | | | KPIT | PITTSBURGH | PA (US) |
| IAP | RNAV (GPS) RWY 14 | | | KPIT | PITTSBURGH | PA (US) |
| IAP | RNAV (GPS) Y RWY 10C | | | KPIT | PITTSBURGH | PA (US) |
| IAP | RNAV (GPS) Y RWY 10R | | | KPIT | PITTSBURGH | PA (US) |
| IAP | RNAV (RNP) Z RWY 10C | | | KPIT | PITTSBURGH | PA (US) |
| IAP | RNAV (RNP) Z RWY 10R | | | KPIT | PITTSBURGH | PA (US) |
| IAP | RNAV (GPS) RWY 9 | | | KAFJ | WASHINGTON | PA (US) |
| IAP | VOR-B | 1, 2 | | KAFJ | WASHINGTON | PA (US) |
| IAP | RNAV (GPS) RWY 24 | | | KMPG | MOUNDSVILLE | WV (US) |
| IAP | RNAV (GPS) RWY 21 | | | KHLG | WHEELING | WV (US) |
| IAP | VOR RWY 21 | 1, 2 | | KHLG | WHEELING | WV (US) |
| STAR | FEWGA RNAV | | 3 | KPIT | PITTSBURGH | PA (US) |
| STAR | WISKE | | 1 | KPIT | PITTSBURGH | PA (US) |
| STAR | FEWGA RNAV | | 3 | KAFJ | WASHINGTON | PA (US) |

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 15 **DATE OF REVISION:** 12/17/2009

**REASON FOR REVISION:**
ADD DISTANCE FROM FAC IN NM'S UNDER FIX MAKE-UP FACILITIES FOR FAC 1 & 2.
ADD PATTERN 3 FOR FEWGA RNAV STAR INTO KPIT.
UPDATE FIX USE.
REMOVED FAC 3 FROM FIX MAKE-UP FACILITIES.
ADDED PRECIPITOUS TERRAIN STATEMENT TO REMARKS.

**DEVELOPED BY:** **DATE:** 07/22/2009 **OFFICE:** AVN-110 **NAME:** CARLOS ESCALANTE

**APPROVED BY:** **DATE:** 11/04/2009 **OFFICE:** AVN-110 **NAME:** PETER GETZ

**SIGNATURE:**

**DISTRIBUTION:**
**NFDC**
**FPO:** EST
**ARTCC:** ZOB
**ATC FACILITY:** PIT
**OTHER:**

QUALITY 1 CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** WUZGO **STATE:** PA **COUNTRY:** US

**LATITUDE/LONGITUDE:** 400709.69N/0803234.14W **TYPE:** WP

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

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

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | RNAV (GPS) RWY 9 | | | KAFJ | WASHINGTON | PA (US) |

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2 **DATE OF REVISION:** 11/15/2012

**REASON FOR REVISION:**
1. UPDATED FIX USE.
2. FIX MOVED 3838.74 FT WEST.
3. CHANGED FPO FROM NYC TO EASTERN.

**DEVELOPED BY:** **DATE:** 06/01/2012 **OFFICE:** AJV-352 **NAME:** RONALD SALPINO

**APPROVED BY:** **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

**SIGNATURE:**

**DISTRIBUTION:**
**NFDC**
**FPO:** EST
**ARTCC:** ZOB
**ATC FACILITY:** PIT APP CON
**OTHER:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** ZIXEL **STATE:** PA **COUNTRY:** US

**LATITUDE/LONGITUDE:** 400757.71N/0802048.23W **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 9 | | | KAFJ | WASHINGTON | PA (US) |

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 11/15/2012

**DEVELOPED BY:** **DATE:** 05/24/2012 **OFFICE:** AJV-352 **NAME:** RONALD SALPINO

**APPROVED BY:** **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

**SIGNATURE:**

**DISTRIBUTION:**
**NFDC**
**FPO:** EST
**ARTCC:** ZOB
**ATC FACILITY:** PIT APP CON
**OTHER:**

# TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **WASHINGTON** STATE: **FL**

AIRPORT NAME: **WASHINGTON COUNTY** ID: **KAAF**

PROCEDURE: **RNAV (GPS) RWY 9** AMDT: **1**

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 (Enter THLD, FAF, ARP, FACILITY, as appropriate) | **THLD** | to 1000' point | **3.58** |
| 2. Width of (Enter appropriate segment, final, intermediate, etc.) | **FINAL** | segment at 1000' point | **1.20** |
| 3. True Course of | **FINAL** | segment containing 1000' point | **084.96T** |
| 4. High Terrain in | **FINAL** | segment containing 1000' point | **1419** |
| 5. Distance from (If 1500' point in PT maneuvering area or holding pattern note in remarks) | **THLD** | to 1500' point | **5.25** |
| 6. Width of | **FINAL** | segment at 1500' point | **2.13** |
| 7. True Course of | **FINAL** | segment containing 1500' point | **084.96T** |
| 8. High Terrain in | **FINAL** | segment containing 1500' point | **1419** |

9. Threshold Coordinates (if straight-in) ... **400809.19N** / **0801756.78W**

10. ARP Coordinates ..... **400811.30N** / **0802445.99W**

11. Runway Approach End and distance furthest from ARP ..... RWY **27**

Distance **0.41** NM

12. FAF Coordinates ..... **400741.67N** / **0802445.99W**

**REMARKS: Approach/Drawing attached.**