US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

# ILS - STANDARD
# INSTRUMENT APPROACH PROCEDURE
# TITLE 14 CFR PART 97.29

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 |
|---|---|---|---|
| YINNZ INT/ATL 25.22 DME/RADAR (IAF) | PENCL/I-OMO 13.89 DME/RADAR | 019.00 / 7.87 (HDG) & 094.97 / 8.80 (I-OMO) | 4000 |
| POOBA/I-OMO 20.17 DME/RADAR (IAF) | PENCL/I-OMO 13.89 DME/RADAR | 094.97 / 6.28 (I-OMO) | 4000 |
| PENCL/I-OMO 13.89 DME/RADAR (IF) | ZMANN/I-OMO 10.91 DME/RADAR | 094.97 / 2.99 (I-OMO) | 4000 |
| ZMANN/I-OMO 10.91 DME/RADAR | DAELE/I-OMO 6.80 DME/RADAR | 094.97 / 4.10 (I-OMO) | 2700 |

## MISSED APPROACH

ILS: DA
LOC: 5.16 MILES AFTER DAELE/OMO 6.80 DME/RADAR

CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 3000 ON ATL VORTAC R-185 TO SCARR INT/ATL 15.00 DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 180 AND PDK VOR/DME R-195 TO SCARR INT/PDK 30.54 DME AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT POOBA/I-OMO 20.17 DME/RADAR
3. FAC: 094.97 FAF: DAELE/I-OMO 6.80 DME/RADAR DIST FAF TO MAP: 5.16 THLD: 5.16
4. MIN. ALT: POOBA 4000, PENCL 4000, ZMANN 4000, DAELE 2700
5. DIST TO THLD FROM OM: - MM: - IM: 860 150 HAT: 1754 100 HAT: 800 GS ANT: 1150
6. MIN GS INCPT: 2700 GS ALT AT: DAELE 2700 OM: - MM: - IM: 1100
7. GS ANGLE: 3.00 TCH: 57.8
8. MSA FROM: ATL VORTAC 3100

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 005.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S SCARR INT/PDK 30.54 DME, RT, 014.96 INBOUND.
CHART FAS OBST: 1193 TOWER 333656N/0843008W
CHART VDP AT 3.04 DME*;
DISTANCE VDP TO THLD 1.39 MILES.
*LOC ONLY.
CHART (DMGXB) AT INTERSECTION OF YINNZ DR LEG AND INTERMEDIATE COURSE.
CHART LOC RWY 9L.
CHART LOC RWY 8R.
CHART LOC RWY 8L.

MAG VAR: 5W EPOCH YEAR: 2015

## MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A ILS: STANDARD LOC: 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 |
| S-ILS 10 | 1200 | 1800 | 200 | 1200 | 1800 | 200 | 1200 | 1800 | 200 | 1200 | 1800 | 200 | | | |
| S-LOC 10 | 1500 | 2400 | 500 | 1500 | 2400 | 500 | 1500 | 5000 | 500 | 1500 | 5000 | 500 | | | |

NOTES:
SA CATEGORY I ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 10: CAT A, B, C, D, RA
157, RVR 1400, HATh 150, DA 1150 MSL.
CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 10: CAT A, B, C, D, RA
107, RVR 1200, HATh 100, DA 1100 MSL.
(SEE FORM 8260-10)

QUALITY CHECKED

| CITY AND STATE | ELEVATION: 1026 THRE: 1000 | FACILITY IDENTIFIER: | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| ATLANTA, GA | AIRPORT NAME: HARTSFIELD - JACKSON ATLANTA INTL | I-OMO | ILS OR LOC RWY 10, AMDT 2B, 11/15/2012 ILS RWY 10 (SA CAT I), ILS RWY 10 (CAT II), ILS RWY 10 (CAT III) | AMDT: 2A |
| | | | | DATED 03/08/2012 |

| ALL AFFECTED PROCEDURES REVIEWED? | COORDINATES OF FACILITIES | REQUIRED EFFECTIVE DATE |
|---|---|---|
| [ ] YES [X] NO | | 11/15/2012 |

COORDINATED WITH:

| ATA | AAT | ALPA | APA | AOPA | NBAA | OTHER (specify) |
|---|---|---|---|---|---|---|
| X | | X | X | X | X | X ZTL, ATL APP CON, ATL AIRPORT MANAGER |

| FLIGHT CHECKED BY | | |
|---|---|---|
| NAME: JERROLD ROBERT KUZIA | FIFO FIOG | DATE: 04/19/2011 |

| DEVELOPED BY | | |
|---|---|---|
| NAME: KELLY DEAN | FIFO AJV-352 | DATE: 05/16/2012 |

| APPROVED BY | | |
|---|---|---|
| NAME: DARRYEL ADAMS MANAGER | FIFO AJV-352 | DATE: |

CHANGES:

1. LINE 3 FAC CHANGED FROM 093.97 TO 094.97.
2. PRIMARY MISSED APPROACH ATL RADIAL CHANGED FROM 180 TO 185.
3. PRIMARY MISSED APPROACH HOLDING ATL RADIAL CHANGED FROM 180/360 TO 185/005.
4. TERMINAL ROUTE FROM YINNZ INT/ATL 25.22 DME/RADAR (IAF) TO PENCL/I-OMO 13.89 DME/RADAR COURSE AND DISTANCE CHANGED FROM 018.00 / 7.87 (HDG) & 093.97 / 8.80 (I-OMO) TO 019.00 / 7.87 (HDG) & 094.97 / 8.80 (I-OMO).
5. TERMINAL ROUTE FROM POOBA/I-OMO 20.17 DME/RADAR (IAF) TO PENCIL/I-OMO 13.89 DME/RADAR COURSE AND DISTANCE CHANGED FROM 093.97 / 6.28 (I-OMO) TO 094.97 / 6.28 (I-OMO).
6. TERMINAL ROUTE FROM PENCL/I-OMO 13.89 DME/RADAR (IF) TO ZMANN/I-OMO 10.91 DME/RADAR COURSE AND DISTANCE CHANGED FROM 093.97 / 2.99 (I-OMO) TO 094.97 / 2.99 (I-OMO).
7. TERMINAL ROUTE FROM ZMANN/I-OMO 10.91 DME/RADAR TO DAELE/I-OMO 6.80 DME/RADAR COURSE AND DISTANCE CHANGED FROM 093.97 / 4.10 (I-OMO) TO 094.97 / 4.10 (I-OMO).
8. CHANGED ILS LOC UNUSABLE FOR ROLLOUT GUIDANCE NOTE.
9. LOC MAP CHANGED FROM RW10 TO 5.16NM AFTER DAELE.

REASONS:

1., 4., 5., 6., 7. I-OMO MAG/VAR CHANGED FROM 4W TO 5W.
2., 3. ATL VORTAC MAG/VAR CHANGED FROM 0W TO 5W.
8. STANDARDIZE/MATCH NOTE ON PRM PROCEDURE.
9. CURRENT FORMAT TO MATCH THE FAF TO MAP VALUE CURRENTLY CHARTED.

QUALITY CHECKED

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NOTES, (CONT.):
CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS-10: CAT IIIa CAT A,B,C,D, RVR 700. CAT IIIb NA. CAT IIIc NA.
CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE S-LOC CATS C/D VISIBILITY TO 1 3/8.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 9L OR 8R OR 8L, OR RWYS 9L AND 8L.
CHART NOTE: DME OR RADAR REQUIRED.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART NOTE: LOCALIZER NOT SUITABLE FOR ELECTRONIC ROLLOUT GUIDANCE.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.

QUALITY CHECKED

| CITY AND STATE | ELEVATION: 1026 THRE: 1000 | FACILITY IDENTIFIER: | PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| ATLANTA, GA | AIRPORT NAME: HARTSFIELD - JACKSON ATLANTA INTL | I-OMO | ILS OR LOC RWY 10, AMDT 2B, 11/15/2012<br>ILS RWY 10 (SA CAT I) , ILS RWY 10 (CAT II),<br>ILS RWY 10 (CAT III) | AMDT: 2A<br>DATED: 03/08/2012 |

| 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**

# ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.29**

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 PACKET - 424-18 - ILS

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ATL   K7011690VTH  N33374466W084260626    N33374268W084260626W0050010002     NARATLANTA
        SUSAD KATLK7 IOMO  K7011155 IT                     IOMON33371245W084245396     009700     NARHARTSFIELD - JACKSON ATLANTA I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT  DAELE K70    C     N33371266W084330279                     W0046     NAR           DAELE
        SUSAEAENRT  DMGXB K70    W     N33371101W084520479                     W0044     NAR           CNF(DMGXB)
        SUSAEAENRT  PENCL K70    C     N33371173W084413216                     W0045     NAR           PENCL
        SUSAEAENRT  POOBA K70    C     N33371041W084490342                     W0044     NAR           POOBA
        SUSAEAENRT  SCARR K70    C   L N33224310W084260625                     W0046     NAR           SCARR
        SUSAEAENRT  YINNZ K70    C     N33293627W084544065                     W0043     NAR           YINNZ
        SUSAEAENRT  ZMANN K70    C     N33371219W084375769                     W0045     NAR           ZMANN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KATLK7AATL     0     123YHN33381212W084254031W005001026         1800018000C    MNAR    HARTSFIELD - JACKSON ATLANTA I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KATLK7FI10   APOOBA 010POOBAK7EA0E  A    IF                                  + 04000     18000                 0 NS
        SUSAP KATLK7FI10   APOOBA 020PENCLK7EA0E  B    TF                                  + 04000                           0 NS
        SUSAP KATLK7FI10   APOOBA 030ZMANNK7EA0EE      CF IOMOK7      2750010909500030PI  + 04000                           0 NS
        SUSAP KATLK7FI10   AYINNZ 010YINNZK7EA0E  A    IF                                             18000                  0 NS
        SUSAP KATLK7FI10   AYINNZ 020DMGXBK7EA0E       TF                                  + 04000                           0 NS
        SUSAP KATLK7FI10   AYINNZ 030POOBAK7EA0E       TF                                  + 04000                           0 NS
        SUSAP KATLK7FI10   AYINNZ 040PENCLK7EA0E  B    TF                                  + 04000                           0 NS
        SUSAP KATLK7FI10   AYINNZ 050ZMANNK7EA0EE      CF IOMOK7      2750010909500030PI  + 04000                           0 NS
        SUSAP KATLK7FI10   I      010ZMANNK7EA0E  I    IF IOMOK7      27500109        PI  J 040000270018000                 0 NS
        SUSAP KATLK7FI10   I      020DAELEK7EA0E  F    CF IOMOK7      2750006809500041PI  H 0270002700        -300ATL   K7D 0 NS
        SUSAP KATLK7FI10   I      030RW10 K7PG0GY M    CF IOMOK7      2750001609500052PI    01058             -300          0 NS
        SUSAP KATLK7FI10   I      040         0  M     CA                      0950      + 01400                           0 NS
        SUSAP KATLK7FI10   I      050SCARRK7EA0EY  R   CFYATL K7      1850015018500150D   + 03000                           0 NS
        SUSAP KATLK7FI10   I      060SCARRK7EA0EE  R   HM                      0050T010    + 03000                           0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KATLK7GRW10    0090000950 N33371298W084265236+0000    +0275501000000058150IIOMO3
```

QUALITY CHECKED 4

| CITY AND STATE | ELEVATION: 1026 THRE: 1000 | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| ATLANTA, GA | AIRPORT NAME: HARTSFIELD - JACKSON ATLANTA INTL | I-OMO | ILS OR LOC RWY 10, AMDT 2B, 11/15/2012<br>ILS RWY 10 (SA CAT I), ILS RWY 10 (CAT II),<br>ILS RWY 10 (CAT III) | AMDT: 2A<br>DATED: 03/08/2012 |

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

COORDINATED WITH:

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

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

CHANGES:

REASONS:

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```
                1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KATLK7IIOMO3   011155RW10 N33371302W0842453990950N33370893W0842638761010 11500400300W00505800985

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KATLK7SATL  K7D                0   18018003125                                                                          M
```

QUALITY CHECKED

| CITY AND STATE | ELEVATION: 1026 THRE: 1000 | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| ATLANTA, GA | AIRPORT NAME: HARTSFIELD - JACKSON ATLANTA INTL | I-OMO | ILS OR LOC RWY 10, AMDT 2B, 11/15/2012<br>ILS RWY 10 (SA CAT I), ILS RWY 10 (CAT II),<br>ILS RWY 10 (CAT III) | AMDT: 2A<br>DATED: 03/08/2012 |

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

COORDINATED WITH:

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

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

CHANGES:

REASONS:

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ARINC SUMMARY - 424-18 - ILS

| ROUTES | TRANSITION | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG(TRUE) | DISTANCE | ALTITUDE | SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | POOBA | POOBA | 010 | IAF | IF | | FB | | | | AA 04000 | |
| | POOBA | PENCL | 020 | | TF | | FB | | | | AA 04000 | |
| | POOBA | ZMANN | 030 | | CF | | FB | | 095.0() | 003.0 | AA 04000 | |
| | YINNZ | YINNZ | 010 | IAF | IF | | FB | | | | | |
| | YINNZ | DMGXB | 020 | | TF | | FB | | | | AA 04000 | |
| | YINNZ | POOBA | 030 | | TF | | FB | | | | AA 04000 | |
| | YINNZ | PENCL | 040 | | TF | | FB | | | | AA 04000 | |
| | YINNZ | ZMANN | 050 | | CF | | FB | | 095.0() | 003.0 | AA 04000 | |
| | | ZMANN | 010 | FACF | IF | | FB | | | | AA 04000 GI 02700 | |
| | | DAELE | 020 | FAF | CF | | FB | | 095.0() | 004.1 | GI 02700 GS 02700 | |
| | | RW10 | 030 | MAP | CF | | FO | | 095.0() | 005.2 | AT 01058 | |

| MISSED APPROACH | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG(TRUE) | DISTANCE | ALTITUDE | SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 040 | | CA | | FB | | 095.0() | | AA 01400 | |
| | SCARR | 050 | | CF | R | FO | | 185.0() | 015.0 | AA 03000 | |
| | SCARR | 060 | | HM | R | FO | | 005.0() | T01.0 | AA 03000 | |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|---|---|---|---|---|---|
| | ATL | N333744.66 | W0842606.26 | N3337.744 | W08426.104 |
| | IOMO (DME) | N333712.45 | W0842453.96 | N3337.208 | W08424.899 |
| | DAELE | N333712.66 | W0843302.79 | N3337.211 | W08433.047 |
| | DMGXB | N333711.01 | W0845204.79 | N3337.184 | W08452.080 |
| | PENCL | N333711.73 | W0844132.16 | N3337.196 | W08441.536 |
| | POOBA | N333710.41 | W0844903.42 | N3337.174 | W08449.057 |
| | SCARR | N332243.10 | W0842606.25 | N3322.718 | W08426.104 |
| | YINNZ | N332936.27 | W0845440.65 | N3329.605 | W08454.678 |
| | ZMANN | N333712.19 | W0843757.69 | N3337.203 | W08437.962 |
| | RW10 | N333712.98 | W0842652.36 | N3337.216 | W08426.873 |
| | IOMO (LOC) | N333713.02 | W0842453.99 | N3337.217 | W08424.900 |

| RUNWAY DATA | RWY | THRESHOLD ELEVATION | TCH |
|---|---|---|---|
| | RW10 | 01000 | 58 |

QUALITY 4 CHECKED

| CITY AND STATE | ELEVATION: 1026 THRE: 1000 | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| ATLANTA, GA | AIRPORT NAME: HARTSFIELD - JACKSON ATLANTA INTL | I-OMO | ILS OR LOC RWY 10, AMDT 2B, 11/15/2012<br>ILS RWY 10 (SA CAT I), ILS RWY 10 (CAT II),<br>ILS RWY 10 (CAT III) | AMDT: 2A<br>DATED: 03/08/2012 |

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

COORDINATED WITH:

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

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

CHANGES:

REASONS:

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

**LOC STANDARD INSTRUMENT APPROACH PROCEDURE**

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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 PACKET - 424-18 - LOC

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ATL   K7011690VTH  N33374466W084260626    N33374268W084260626W0050010002     NARATLANTA
        SUSAD KATLK7 IOMO  K7011155 IT                     IOMON33371245W084245396     009700     NARHARTSFIELD - JACKSON ATLANTA I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   DAELE K70    C     N33371266W084330279                     W0046     NAR           DAELE
        SUSAEAENRT   DMGXB K70    W     N33371101W084520479                     W0044     NAR           CNF(DMGXB)
        SUSAEAENRT   PENCL K70    C     N33371173W084413216                     W0045     NAR           PENCL
        SUSAEAENRT   POOBA K70    C     N33371041W084490342                     W0044     NAR           POOBA
        SUSAEAENRT   SCARR K70    C   L N33224310W084260625                     W0046     NAR           SCARR
        SUSAEAENRT   YINNZ K70    C     N33293627W084544065                     W0043     NAR           YINNZ
        SUSAEAENRT   ZMANN K70    C     N33371219W084375769                     W0045     NAR           ZMANN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KATLK7AATL     0     123YHN33381212W084254031W005001026         1800018000C    MNAR    HARTSFIELD - JACKSON ATLANTA I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KATLK7FL10   APOOBA 010POOBAK7EA0E  A    IF                                  + 04000     18000                 0 NS
        SUSAP KATLK7FL10   APOOBA 020PENCLK7EA0E  B    TF                                  + 04000                           0 NS
        SUSAP KATLK7FL10   APOOBA 030ZMANNK7EA0EE      CF IOMOK7      2750010909500030PI  + 04000                           0 NS
        SUSAP KATLK7FL10   AYINNZ 010YINNZK7EA0E  A    IF                                          18000                     0 NS
        SUSAP KATLK7FL10   AYINNZ 020DMGXBK7EA0E       TF                                  + 04000                           0 NS
        SUSAP KATLK7FL10   AYINNZ 030POOBAK7EA0E       TF                                  + 04000                           0 NS
        SUSAP KATLK7FL10   AYINNZ 040PENCLK7EA0E  B    TF                                  + 04000                           0 NS
        SUSAP KATLK7FL10   AYINNZ 050ZMANNK7EA0EE      CF IOMOK7      2750010909500030PI  + 04000                           0 NS
        SUSAP KATLK7FL10   L      010ZMANNK7EA0E  I    IF IOMOK7      27500109        PI  + 04000     18000                 0 NS
        SUSAP KATLK7FL10   L      020DAELEK7EA0E  F    CF IOMOK7      2750006809500041PI  + 02700                 ATL   K7D 0 NS
        SUSAP KATLK7FL10   L      030RW10 K7PG0GY M    CF IOMOK7      2750001609500052PI    01058            -300           0 NS
        SUSAP KATLK7FL10   L      040         0  M     CA                     0950        + 01400                           0 NS
        SUSAP KATLK7FL10   L      050SCARRK7EA0EY  R   CFYATL K7      1850015018500150D   + 03000                           0 NS
        SUSAP KATLK7FL10   L      060SCARRK7EA0EE  R   HM                     0050T010    + 03000                           0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KATLK7GRW10    0090000950 N33371298W084265236+0000    +0275501000000058150IIOMO3
```

QUALITY CHECKED 4

| CITY AND STATE | ELEVATION: 1026 THRE: 1000 | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| ATLANTA, GA | AIRPORT NAME: HARTSFIELD - JACKSON ATLANTA INTL | I-OMO | ILS OR LOC RWY 10, AMDT 2B, 11/15/2012<br>ILS RWY 10 (SA CAT I), ILS RWY 10 (CAT II),<br>ILS RWY 10 (CAT III) | AMDT: 2A<br>DATED: 03/08/2012 |

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

COORDINATED WITH:

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

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

CHANGES:

REASONS:

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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KATLK7IIOMO3   011155RW10 N33371302W0842453990950N33370893W0842638761010 11500400300W00505800985

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KATLK7SATL  K7D                0   18018003125                                                                        M
```

QUALITY CHECKED 4

| CITY AND STATE | ELEVATION: 1026 THRE: 1000 | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| ATLANTA, GA | AIRPORT NAME: HARTSFIELD - JACKSON ATLANTA INTL | I-OMO | ILS OR LOC RWY 10, AMDT 2B, 11/15/2012<br>ILS RWY 10 (SA CAT I), ILS RWY 10 (CAT II),<br>ILS RWY 10 (CAT III) | AMDT: 2A<br>DATED: 03/08/2012 |

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

COORDINATED WITH:

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

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

CHANGES:

REASONS:

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

# LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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 - LOC

| ROUTES | TRANSITION | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG(TRUE) | DISTANCE | ALTITUDE | SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | POOBA | POOBA | 010 | IAF | IF | | FB | | | | AA 04000 | |
| | POOBA | PENCL | 020 | | TF | | FB | | | | AA 04000 | |
| | POOBA | ZMANN | 030 | | CF | | FB | | 095.0() | 003.0 | AA 04000 | |
| | YINNZ | YINNZ | 010 | IAF | IF | | FB | | | | | |
| | YINNZ | DMGXB | 020 | | TF | | FB | | | | AA 04000 | |
| | YINNZ | POOBA | 030 | | TF | | FB | | | | AA 04000 | |
| | YINNZ | PENCL | 040 | | TF | | FB | | | | AA 04000 | |
| | YINNZ | ZMANN | 050 | | CF | | FB | | 095.0() | 003.0 | AA 04000 | |
| | | ZMANN | 010 | FACF | IF | | FB | | | | AA 04000 | |
| | | DAELE | 020 | FAF | CF | | FB | | 095.0() | 004.1 | AA 02700 | |
| | | RW10 | 030 | MAP | CF | | FO | | 095.0() | 005.2 | AT 01058 | |

| MISSED APPROACH | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG(TRUE) | DISTANCE | ALTITUDE | SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 040 | | CA | | FB | | 095.0() | | AA 01400 | |
| | SCARR | 050 | | CF | R | FO | | 185.0() | 015.0 | AA 03000 | |
| | SCARR | 060 | | HM | R | FO | | 005.0() | T01.0 | AA 03000 | |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|---|---|---|---|---|---|
| | ATL | N333744.66 | W0842606.26 | N3337.744 | W08426.104 |
| | IOMO (DME) | N333712.45 | W0842453.96 | N3337.208 | W08424.899 |
| | DAELE | N333712.66 | W0843302.79 | N3337.211 | W08433.047 |
| | DMGXB | N333711.01 | W0845204.79 | N3337.184 | W08452.080 |
| | PENCL | N333711.73 | W0844132.16 | N3337.196 | W08441.536 |
| | POOBA | N333710.41 | W0844903.42 | N3337.174 | W08449.057 |
| | SCARR | N332243.10 | W0842606.25 | N3322.718 | W08426.104 |
| | YINNZ | N332936.27 | W0845440.65 | N3329.605 | W08454.678 |
| | ZMANN | N333712.19 | W0843757.69 | N3337.203 | W08437.962 |
| | RW10 | N333712.98 | W0842652.36 | N3337.216 | W08426.873 |
| | IOMO (LOC) | N333713.02 | W0842453.99 | N3337.217 | W08424.900 |

| RUNWAY DATA | RWY | THRESHOLD ELEVATION | TCH |
|---|---|---|---|
| | RW10 | 01000 | 58 |

| CITY AND STATE | ELEVATION: 1026 THRE: 1000 | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| ATLANTA, GA | AIRPORT NAME: HARTSFIELD - JACKSON ATLANTA INTL | I-OMO | ILS OR LOC RWY 10, AMDT 2B, 11/15/2012<br>ILS RWY 10 (SA CAT I), ILS RWY 10 (CAT II),<br>ILS RWY 10 (CAT III) | AMDT: 2A<br>DATED: 03/08/2012 |

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

COORDINATED WITH:

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

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

CHANGES:

REASONS:

# STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

| 1. APP SEGMENT | FROM | TO | OBSTRUCTION | COORDINATES | ELEV. MSL | ROC | ALT. ADJUSTMENTS | MIN. ALT. |
|---|---|---|---|---|---|---|---|---|
| INITIAL | YINNZ INT/ATL | PENCL/I-OMO | 1. TOWER (13-001534) | 333627.00N/0845412.00W | 1959 (2C) | 1000 | AT1041 | 4000 |
| | 25.22 DME/RADAR | 13.89 DME/RADAR | 2. TERRAIN | 333348.00N/0850100.00W | 1371 (1400) | | AS1500 | 2900 |
| INITIAL | POOBA/I-OMO | PENCL/I-OMO | 3. TOWER (13-002953) | 334035.00N/0844825.00W | 1430 (4D) | 1000 | AT1570 | 4000 |
| | 20.17 DME/RADAR | 13.89 DME/RADAR | 4. TERRAIN | 334106.00N/0844815.00W | 1162 (1200) | | AS1500 | 2700 |
| INTERMEDIATE | PENCL/I-OMO | ZMANN/I-OMO | 5. TOWER (13-002040) | 334115.00N/0844143.00W | 1281 (4D) | 500 | AT2219 | 4000 |
| | 13.89 DME/RADAR | 10.91 DME/RADAR | 6. TERRAIN | 334054.00N/0844051.00W | 1027 (1000) | | AS1500 | 2500 |
| INTERMEDIATE: | ZMANN/I-OMO | DAELE/I-OMO 6.80 | 7. TOWER (13-003558) | 333442.00N/0843804.00W | 1253 (2C) | 500 | AT947 | 2700 |
| STEPDOWN | 10.91 DME/RADAR | DME/RADAR | 8. TERRAIN | 333509.00N/0843742.00W | 1021 (1000) | | AS1500 | 2500 |
| FINAL: ILS | DAELE/I-OMO 6.80 | RW10 | | | | ASC | | 1200/200 |
| | DME/RADAR | | | | | | | |
| FINAL: ILS SA CAT I | DAELE/I-OMO 6.80 | RW10 | | | | ASC | | 1150/150 |
| | DME/RADAR | | | | | | | |
| FINAL: ILS CAT II | DAELE/I-OMO 6.80 | RW10 | | | | ASC | | 1100/100 |
| | DME/RADAR | | | | | | | |
| 2. PROCEDURE TURN | NA | | | | | | | |
| 3. MISSED APPROACH MAP: | DA / DA / DA / | SCARR INT/ATL | | | | ASC | | 3000 |
| | 5.16 MILES | 15.00 DME | 10. TOWER (13-001628) | 332719.00N/0842435.00W | 1387 (2C) | 1000 | | 2400 |
| ELEV: | 1031/1250 | | 11. TERRAIN | 333627.00N/0842648.00W | 1021 (1000) | | AS1500 | 2500 |

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

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: ATL VORTAC

| SECTOR | OBSTRUCTION | BRG/DIST | ELEVATION (MSL) | M S A | SECTOR | OBSTRUCTION | BRG/DIST | ELEVATION (MSL) | M S A |
|---|---|---|---|---|---|---|---|---|---|
| 360-360 | TWR (13-000006) | 032/ 11.3 | 2049 (5D) | 3100 | | | | | |

| CITY AND STATE | ELEVATION: 1026 / AIRPORT NAME: | FACILITY | PROCEDURE AND AMENDMENT NO: | REGION |
|---|---|---|---|---|
| ATLANTA, GA | HARTSFIELD - JACKSON ATLANTA INTL | I-OMO | ILS OR LOC RWY 10, AMDT 2B, 11/15/2012 ILS RWY 10 (SA CAT I) , ILS RWY 10 (CAT II), ILS RWY 10 (CAT III) | ASO |

## PART B - SUPPLEMENTAL DATA

| 1. COMMUNICATIONS WITH: | 2. WEATHER SERVICE | | | 3. ALTIMETER SETTING |
|---|---|---|---|---|
| ATL APP CON<br>ATL TOWER<br>ZTL ARTCC | | N W S | OTHER:<br>ASOS | SOURCE: KATL |
| | | F A A | | DISTANCE: |
| | | A / C | | HOURS REMOTE OPERATION: |
| SATISFACTORY ON: | | | | |
| X V H F X U H F H F | LOCATION: | | | ADJUSTMENT: 0 |

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

| | | |
|---|---|---|
| 5. APPROACH & RUNWAY LIGHTING | X | ALSF-2 10, 28, 08L, 27L, 09R |
| | | (S) SALS |
| | X | MALS 27R MALSR 09L, 26L, 26R |
| | X | HIRL 09L, 10, 28, 08L, 08R, 27L, 26L, 26R, 09R, 27R |
| | | MIRL |
| | | REIL |
| | X | TDZ 10, 28, 08L, 27L, 26R, 09R |
| | X | C/L 09L, 10, 28, 08L, 08R, 27L, 26L, 26R, 09R, 27R |
| | X | OTHER (SPECIFY)<br>PAPI-4R 09L, 27L, 27R PAPI-4L 08L, 08R, 26L, 26R, 09R |

| | | |
|---|---|---|
| 6. RUNWAY MARKINGS | BASIC | |
| | ALL WEATHER | PIR-G 09L, 10, 28, 08L, 08R, 27L, 26L, 26R, 09R, 27R |
| | INSTRUMENT | |
| 7. RUNWAY VISUAL RANGE | APPROACH | 09L, 10, 28, 08L, 08R, 27L, 26L, 26R, 09R, 27R |
| | MIDFIELD | 09L, 10, 28, 08L, 08R, 27L, 26L, 26R, 09R, 27R |
| | ROLL OUT | 09L, 10, 28, 08L, 08R, 27L, 26L, 26R, 09R, 27R |

| | | |
|---|---|---|
| 8. GLIDE PATH | GP ANGLE: 3.00 | ELEV RWY THRESHOLD: 1000.3 |
| | DISTANCE FROM RWY: 1150 | ELEV GP ANTENNA: 994.8 |
| | | THRESHOLD CROSSING HEIGHT: 57.8 |

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

10. WAIVERS: NONE

| | |
|---|---|
| PART D - PREPARED BY: KELLY DEAN | DATE: 05/16/2012 |
| TITLE: AERONAUTICAL INFORMATION SPECIALIST | OFFICE: AJV-352 |

## PART C - REMARKS:

FLIGHT CHECK RDH 57.78 FT, (ORDER 8260.3B CHG 19).

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

BACK-UP ALTIMETER NOT REQUIRED DUE TO REDUNDANT LOCAL SOURCES.

NO ADDITIONAL AIRSPACE REQUIRED.

CIRCLING NOT AUTHORIZED PER ATC.

4D AC APPLIED TO THE FOLLOWING OBSTACLES, THIS INFORMATION TAKEN FROM PREVIOUS 8260-9.
1193' MSL TOWER (OBS #9)
1430' MSL TOWER (OBS #3)
1281' MSL TOWER (OBS #5)

ALTERNATE MISSED APPROACH TO SCARR INT/PDK 30.54 DME ASC, 3000.

MISSED APPROACH OBSTACLES CONT.
ALTERNATE:
ASC 3000
10. TOWER (13-001628) 332719.00N/0842435.00W 1387 (2C)
1000 2400
11. TERRAIN 333627.00N/0842648.00W 1021 (1000) AS1500
2500

QUALITY CHECKED

# STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

| 1. APP SEGMENT | FROM | TO | OBSTRUCTION | COORDINATES | ELEV. MSL | ROC | ALT. ADJUSTMENTS | MIN. ALT. |
|---|---|---|---|---|---|---|---|---|
| FINAL: LOC | DAELE/I-OMO 6.80 | 5.16 MILES AFTER | 9. TOWER (13-001841) | 333656.00N/0843008.00W | 1193 (4D) | 250 | AC50 | 1500 |
| | DME/RADAR | DAELE/OMO 6.80 | | | | | | |
| | | DME/RADAR | | | | | | |

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

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

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID:

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

| CITY AND STATE | | FACILITY | PROCEDURE AND AMENDMENT NO: | REGION |
|---|---|---|---|---|
| ATLANTA, GA | ELEVATION: 1026<br>AIRPORT NAME: HARTSFIELD - JACKSON ATLANTA INTL | I-OMO | ILS OR LOC RWY 10, AMDT 2B, 11/15/2012<br>ILS RWY 10 (SA CAT I) , ILS RWY 10 (CAT II), ILS RWY 10 (CAT III) | ASO |

## PART B - SUPPLEMENTAL DATA

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

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

# RADIO FIX AND HOLDING DATA RECORD

INFO ONLY

**NAME:** ATLANTA VORTAC **STATE:** GA **COUNTRY:** US

**LATITUDE/LONGITUDE:** 333744.66N/0842606.26W **TYPE:**

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

**FIX MAKE-UP FACILITIES:**

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC NM | DIST FROM FAC FEET | MRA | MAA |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ATLANTA | ATL | VORTAC | H | | | | | | | 45000 |

**EXPANDED SERVICE VOLUME (ESV):**

| FAC IDENT | FAC TYPE | RADIAL/BEARING | DISTANCE | MIN ALTITUDE | MAX ALTITUDE |
|---|---|---|---|---|---|
| ON FILE | | | | | |

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

**CONTROLLING OBSTRUCTIONS:**

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|---|---|---|---|---|---|
| UPN | 265 | TOWER (13-003629) | 334441.00N/0842136.00W | 2049 | 2C |

**HOLDING RESTRICTIONS:**
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3100.

**REMARKS:**
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| DP | BIRMINGHAM | | | KBHM | BIRMINGHAM | AL (US) |
| DP | ATLANTA | | | KATL | ATLANTA | GA (US) |
| DP | HERKO (RNAV) | | | KATL | ATLANTA | GA (US) |
| DP | CHATTANOOGA | | | KCHA | CHATTANOOGA | TN (US) |
| DP | KNOXVILLE | | | KTYS | KNOXVILLE | TN (US) |
| DP | TITAN (OBSTACLE) | | | KBNA | NASHVILLE | TN (US) |
| EN ROUTE | J14 | | | | | (US) |
| EN ROUTE | J239 | | | | | (US) |
| EN ROUTE | J43 | | | | | (US) |
| EN ROUTE | J45 | | | | | (US) |
| EN ROUTE | J52 | | | | | (US) |
| EN ROUTE | J89 | | | | | (US) |
| EN ROUTE | J91 | | | | | (US) |
| EN ROUTE | V179 | | | | | (US) |
| EN ROUTE | V18 | | | | | (US) |
| EN ROUTE | V222 | | | | | (US) |
| EN ROUTE | V323 | | | | | (US) |
| EN ROUTE | V325 | | | | | (US) |
| EN ROUTE | V97 | | | | | (US) |
| IAP | ILS OR LOC RWY 08L | | | KATL | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 08R | | | KATL | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 09L | | | KATL | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 09R | | | KATL | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 10 | | | KATL | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 26L | | | KATL | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 26R | | | KATL | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 27L | | | KATL | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 27R | | | KATL | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 28 | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 08L (CAT II)(SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 08L (CAT III)(SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 08L (SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 08R (SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 09L (SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 09R (CAT II)(SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 09R (SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 09R(CAT III)(SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (CAT II) (SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (CAT III)(SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 26L (SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 26R (CAT II)(SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 26R (SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 27L (CAT II)(SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 27L (SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 27R (SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 28 (SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 28 (CAT II) (SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 08L (CAT II) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 08L (CAT III) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 09R (CAT II) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 10 (CAT II) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 10 (CAT III) | | | KATL | ATLANTA | GA (US) |

QUALITY 4 CHECKED

| | | | | | |
|---|---|---|---|---|---|
| IAP | ILS RWY 10 (SA CAT I) | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 26R (CAT II) | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 27L (CAT II) | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 28 (CAT II) | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 28 (SA CAT I) | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 9R (CAT III) | | KATL | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 31 | | KFFC | ATLANTA | GA (US) |
| IAP | NDB RWY 31 | | KFFC | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 08 | | KFTY | ATLANTA | GA (US) |
| IAP | NDB RWY 08 | | KFTY | ATLANTA | GA (US) |
| IAP | VOR-A | | KFTY | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 20L | | KPDK | ATLANTA | GA (US) |
| IAP | RNAV (GPS) RWY 27 | | KPDK | ATLANTA | GA (US) |
| IAP | VOR/DME RWY 20L | | KPDK | ATLANTA | GA (US) |
| IAP | VOR/DME RWY 27 | | KPDK | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 27 | | KRYY | ATLANTA | GA (US) |
| IAP | VOR/DME RWY 10 | | K9A1 | COVINGTON | GA (US) |
| IAP | ILS OR LOC/DME RWY 31 | | KPUJ | DALLAS | GA (US) |
| IAP | ILS OR LOC/DME RWY 5 | | KGVL | GAINESVILLE | GA (US) |
| IAP | HI-TACAN X RWY 23 | | KNBC | BEAUFORT | SC (US) |
| IAP | HI-TACAN Y RWY 23 | | KNBC | BEAUFORT | SC (US) |
| IAP | HI-TACAN Z RWY 23 | | KNBC | BEAUFORT | SC (US) |
| STAR | CANUK (RNAV) | | KATL | ATLANTA | GA (US) |
| STAR | ERLIN (RNAV) | | KATL | ATLANTA | GA (US) |
| STAR | FLCON (RNAV) | | KATL | ATLANTA | GA (US) |
| STAR | HERKO (RNAV) | | KATL | ATLANTA | GA (US) |
| STAR | HONIE (RNAV) | | KATL | ATLANTA | GA (US) |
| STAR | LA GRANGE | | KATL | ATLANTA | GA (US) |
| STAR | PECHY (RNAV) | | KATL | ATLANTA | GA (US) |
| STAR | ROME | | KATL | ATLANTA | GA (US) |
| STAR | RPTOR (RNAV) | | KATL | ATLANTA | GA (US) |
| STAR | SINCA | | KATL | ATLANTA | GA (US) |
| STAR | WHINZ | | KATL | ATLANTA | GA (US) |
| STAR | AWSON | | KPDK | ATLANTA | GA (US) |
| STAR | BUNNI | | KPDK | ATLANTA | GA (US) |
| STAR | DIFFI | | KPDK | ATLANTA | GA (US) |
| STAR | ADENA (RNAV) | | KCLT | CHARLOTTE | NC (US) |
| STAR | UNARM | | KCLT | CHARLOTTE | NC (US) |
| STAR | VOLLS | 1 | KBNA | NASHVILLE | TN (US) |

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 7 **DATE OF REVISION:** 11/15/2012

**REASON FOR REVISION:**
UPDATED FAC 1 FROM 0E MAGVAR (ACTIVE) TO 5W (PENDING).
UPDATED FIX USE.

**DEVELOPED BY:** **DATE:** 04/25/2012 **OFFICE:** AJV-352 **NAME:** MICHAEL CURRAN

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

**SIGNATURE:**

**DISTRIBUTION:** **NFDC**
**FPO:** EST
**ARTCC:** ZTL
**ATC FACILITY:** ATL APP CON
**OTHER:**

QUALITY CHECKED 4

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** DAELE **STATE:** GA **COUNTRY:** US

**LATITUDE/LONGITUDE:** 333712.66N/0843302.79W **TYPE:** WP, RADAR, 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 | ATLANTA | I-OMO | LOC/DME | | 274.97 | 269.97 | 6.80 | 6.80 | 41336 | 2700 | 5400 |

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

**REMARKS:**
ATLANTA (FAC 1) USED TO ESTABLISH FIX COORDINATES

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | ILS OR LOC RWY 10 | 1 | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (CAT II)(SCP) | 1 | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (CAT III)(SCP) | 1 | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (SCP) | 1 | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 10 (CAT II) | 1 | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 10 (CAT III) | 1 | | KATL | ATLANTA | GA (US) |
| IAP | RNAV (GPS) Y RWY 10 | | | KATL | ATLANTA | GA (US) |
| IAP | RNAV (RNP) Z RWY 10 | | | KATL | ATLANTA | GA (US) |

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

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

**REASON FOR REVISION:**
CHANGED FAC 1 MAG BRG FROM 273.97 TO 274.97.
UPDATED FIX USE AND REMARKS.

**DEVELOPED BY:** **DATE:** 05/16/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

**SIGNATURE:**

**DISTRIBUTION:** **NFDC**
**FPO:** EST
**ARTCC:** ZTL
**ATC FACILITY:** ATL/ATL
**OTHER:**

QUALITY CHECKED

INFO ONLY

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** DMGXB **STATE:** GA **COUNTRY:** US

**LATITUDE/LONGITUDE:** 333711.01N/0845204.79W **TYPE:** CNF

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

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | ILS OR LOC RWY 10 | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (CAT II) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (CAT III) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 10 (CAT II) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 10 (CAT III) | | | KATL | ATLANTA | GA (US) |

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 05/05/2011

**DEVELOPED BY:** **DATE:** 01/11/2011 **OFFICE:** AVN-110 **NAME:** GEORGETTE BARNETT

**APPROVED BY:** **DATE:** **OFFICE:** AVN-110 **NAME:** DARRYEL ADAMS

**SIGNATURE:**

**DISTRIBUTION:** **NFDC**
**FPO:** EST
**ARTCC:** ZTL
**ATC FACILITY:** ATL/ATL
**OTHER:**

QUALITY CHECKED

INFO ONLY

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** PEACHTREE VOR/DME **STATE:** GA **COUNTRY:** US

**LATITUDE/LONGITUDE:** 335232.27N/0841755.73W **TYPE:**

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

**FIX MAKE-UP FACILITIES:**

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC NM | DIST FROM FAC FEET | MRA | MAA |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | PEACHTREE | PDK | VOR/DME | L | | | | | | | 17500 |

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

**PATTERNS:**

| PAT | DIR | IDENT | TYPE | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG LENGTH TIME | LEG LENGTH DME | HOLDING ALTITUDES MIN | HOLDING ALTITUDES MAX | TEMPLATES MIN | TEMPLATES MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | E | PDK | VOR/DME | 104.00 | 284.00 | L | 1 | | 4000 | 6000 | 4 | 5 |
| 2 | N | PDK | VOR/DME | 360.00 | 180.00 | L | 1 | | 3500 | 14000 | 4 | 10 |

**CONTROLLING OBSTRUCTIONS:**

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|---|---|---|---|---|---|
| 1 | 200 | TOWER (13-000409) | 334827.00N/0842027.00W | 2049 | 2C |
| 2 | 200 | TOWER (13-000001) | 335039.00N/0841513.00W | 1709 | 4D |

**REASON FOR NONSTANDARD HOLDING:**
PAT 1 ATC REQUEST
PAT 2 ATC REQUEST

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

**REMARKS:**
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | ILS OR LOC 27L | | | KATL | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 10 | | | KATL | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 26L | | 2 | KATL | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 26R (ALT MISS) | | 2 | KATL | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 27R | | | KATL | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 28 | | | KATL | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 8L (ALT MISS) | | 2 | KATL | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 8R (ALT MISS) | | 2 | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (CAT II) (SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (CAT III) (SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 26L (SCP) (ALT MISS) | | 2 | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 26R (SCP) | | 2 | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 27L (SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 27R (SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 28 (CAT II) (SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 28 (SCP) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 8L (CAT II) (SCP) (ALT MISS) | | 2 | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 8L (CAT III) (SCP) (ALT MISS) | | 2 | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 8L (SCP) (ALT MISS) | | 2 | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 8R (SCP) (ALT MISS) | | 2 | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 10 (CAT II) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 10 (CAT III) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 28 (CAT II) | | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 8L (CAT II) (ALT MISS) | | 2 | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 8L (CAT III) (ALT MISS) | | 2 | KATL | ATLANTA | GA (US) |
| IAP | VOR RWY 27L | | | KATL | ATLANTA | GA (US) |
| IAP | VOR-A | | | KFTY | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 20L | | | KPDK | ATLANTA | GA (US) |
| IAP | RNAV (GPS) RWY 27 | | | KPDK | ATLANTA | GA (US) |
| IAP | RNAV (GPS) Y RWY 20L | | | KPDK | ATLANTA | GA (US) |
| IAP | VOR/DME RWY 20L | | | KPDK | ATLANTA | GA (US) |
| IAP | VOR/DME-A | | | KPDK | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 27 | | | KRYY | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 25 | | | KLZU | LAWRENCEVILLE | GA (US) |
| IAP | NDB RWY 25 | | | KLZU | LAWRENCEVILLE | GA (US) |
| IAP | RNAV (GPS) RWY 7 | | | KLZU | LAWRENCEVILLE | GA (US) |
| IAP | VOR/DME RWY 7 | | | KLZU | LAWRENCEVILLE | GA (US) |

QUALITY 4 CHECKED

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1 **DATE OF REVISION:** 05/05/2011

**REASON FOR REVISION:**
UPDATED FIX USE: USE TYPE.
UPDATED CONTROLLING OBSTACLES FOR HOLDING PATTERNS.

| | | | |
|---|---|---|---|
| **DEVELOPED BY:** | **DATE:** 10/29/2010 | **OFFICE:** AVN-110 | **NAME:** MATTHEW GALLANT |
| **APPROVED BY:** | **DATE:** 03/17/2011 | **OFFICE:** AVN-110 | **NAME:** DARRYEL ADAMS |
| | **SIGNATURE:** | | |

**DISTRIBUTION:**
**NFDC**
**FPO:** EST
**ARTCC:** ZTL
**ATC FACILITY:** ATL APP CON
**OTHER:**

QUALITY CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** PENCL **STATE:** GA **COUNTRY:** US

**LATITUDE/LONGITUDE:** 333711.73N/0844132.16W **TYPE:** WP, RADAR, 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 | ATLANTA | I-OMO | LOC/DME | | 274.97 | 269.97 | 13.89 | 13.89 | | 2700 | 5400 |

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

**REMARKS:**
ATLANTA (FAC 1) USED TO ESTABLISH FIX COORDINATES

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | ILS OR LOC RWY 10 | 1 | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (CAT II)(SCP) | 1 | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (CAT III)(SCP) | 1 | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (SCP) | 1 | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 10 (CAT II) | 1 | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 10 (CAT III) | 1 | | KATL | ATLANTA | GA (US) |
| IAP | RNAV (GPS) Y RWY 10 | | | KATL | ATLANTA | GA (US) |
| IAP | RNAV (RNP) Z RWY 10 | | | KATL | ATLANTA | GA (US) |

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 3 **DATE OF REVISION:** 11/15/2012

**REASON FOR REVISION:**
CHANGED FAC 1 MAG BRG FROM 273.97 TO 274.97.
UPDATED FIX USE AND REMARKS.

**DEVELOPED BY:** **DATE:** 05/16/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

**SIGNATURE:**

**DISTRIBUTION:**
**NFDC**
**FPO:** EST
**ARTCC:** ZTL
**ATC FACILITY:** ATL/ATL
**OTHER:**

QUALITY CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** POOBA **STATE:** GA **COUNTRY:** US

**LATITUDE/LONGITUDE:** 333710.41N/0844903.42W **TYPE:** WP, RADAR, 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 | ATLANTA | I-OMO | LOC/DME | | 274.97 | 269.97 | 20.17 | 20.17 | | 2700 | 5400 |

**EXPANDED SERVICE VOLUME (ESV):**

| FAC IDENT | FAC TYPE | RADIAL/BEARING | DISTANCE | MIN ALTITUDE | MAX ALTITUDE |
|---|---|---|---|---|---|
| I-OMO | LOC/DME | R-275 | 21 | 2700 | 6000 |

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

**REMARKS:**
ATLANTA (FAC 1) USED TO ESTABLISH FIX COORDINATES

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | ILS OR LOC RWY 10 | 1 | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (CAT II)(SCP) | 1 | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (CAT III)(SCP) | 1 | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (SCP) | 1 | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 10 (CAT II) | 1 | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 10 (CAT III) | 1 | | KATL | ATLANTA | GA (US) |
| IAP | RNAV (GPS) Y RWY 10 | | | KATL | ATLANTA | GA (US) |
| IAP | RNAV (RNP) Z RWY 10 | | | KATL | ATLANTA | GA (US) |

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 3 **DATE OF REVISION:** 11/15/2012

**REASON FOR REVISION:**
CHANGED FAC 1 MAG BRG FROM 273.97 TO 274.97.
CHANGED ESV RADIAL FROM 274 TO 275.
UPDATED FIX USE AND REMARKS.

**DEVELOPED BY:** **DATE:** 05/16/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

**SIGNATURE:**

**DISTRIBUTION:**
**NFDC**
**FPO:** EST
**ARTCC:** ZTL
**ATC FACILITY:** ATL/ATL
**OTHER:**

QUALITY CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** SCARR **STATE:** GA **COUNTRY:** US

**LATITUDE/LONGITUDE:** 332243.10N/0842606.25W **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 | ATLANTA | ATL | VORTAC | H | 185.00 | 180.00 | 15.00 | 15.00 | | 3000 | 17500 |
| 2 | LAGRANGE | LGC | VORTAC | H | 061.84 | 062.84 | | 43.55 | | 3000 | 17500 |
| 3 | PEACHTREE | PDK | VOR/DME | L | 194.96 | 192.96 | 30.54 | 30.54 | | 3000 | 17500 |

**EXPANDED SERVICE VOLUME (ESV):**

| FAC IDENT | FAC TYPE | RADIAL/BEARING | DISTANCE | MIN ALTITUDE | MAX ALTITUDE |
|---|---|---|---|---|---|
| LGC | VORTAC | R-062 | 44 | 3000 | 17500 |

**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 | S | ATL | VORTAC | 185.00 | 005.00 | R | 1 | | 3000 | 14000 | 5 | 11 |
| 2 | S | | WP | 185.00 | 005.00 | R | | 4 | 3000 | 14000 | 5 | 11 |
| 3 | S | PDK | VOR/DME | 194.96 | 014.96 | R | 1 | | 3000 | 6000 | 6 | 7 |

**CONTROLLING OBSTRUCTIONS:**

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|---|---|---|---|---|---|
| 1 | 200 | TOWER (13-001628) | 332719.00N/0842435.00W | 1387 | 2C |
| 2 | 200 | TOWER (13-001628) | 332719.00N/0842435.00W | 1387 | 2C |
| 3 | 200 | TOWER (13-001628) | 332719.00N/0842435.00W | 1387 | 2C |

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

**REMARKS:**
ATLANTA (FAC 1) AND LAGRANGE (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | ILS OR LOC RWY 10 | 1, 2 | 1 | KATL | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 10 (ALT MISS) | 2, 3 | 3 | KATL | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 28 | 1, 2 | 1 | KATL | ATLANTA | GA (US) |
| IAP | ILS OR LOC RWY 28 (ALT MISS) | 2, 3 | 3 | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (CAT II)(SCP) | 1, 2 | 1 | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (CAT II)(SCP) (ALT MISS) | 2, 3 | 3 | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (CAT III)(SCP) | 1, 2 | 1 | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (CAT III)(SCP) (ALT MISS) | 2, 3 | 3 | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (SCP) | 1, 2 | 1 | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (SCP) (ALT MISS) | 2, 3 | 3 | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 28 (CAT II)(SCP) | 1, 2 | 1 | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 28 (CAT II)(SCP) (ALT MISS) | 2, 3 | 3 | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 28 (SCP) | 1, 2 | 1 | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 28 (SCP) (ALT MISS) | 2, 3 | 3 | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 10 (CAT II) | 1, 2 | 1 | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 10 (CAT II) (ALT MISS) | 2, 3 | 3 | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 10 (CAT III) | 1, 2 | 1 | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 10 (CAT III) (ALT MISS) | 2, 3 | 3 | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 10 (SA CAT 1) | 1, 2 | 1 | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 10 (SA CAT I) (ALT MISS) | 2, 3 | 3 | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 28 (CAT II) | 1, 2 | 1 | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 28 (CAT II) (ALT MISS) | 2, 3 | 3 | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 28 (SA CAT 1) | 1, 2 | 1 | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 28 (SA CAT I) (ALT MISS) | 2, 3 | 3 | KATL | ATLANTA | GA (US) |
| IAP | RNAV (GPS) Y RWY 10 | | 2 | KATL | ATLANTA | GA (US) |
| IAP | RNAV (GPS) Y RWY 28 | | 2 | KATL | ATLANTA | GA (US) |
| IAP | RNAV (RNP) Z RWY 10 | | 2 | KATL | ATLANTA | GA (US) |
| IAP | RNAV (RNP) Z RWY 28 | | 2 | KATL | ATLANTA | GA (US) |

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 7 **DATE OF REVISION:** 11/15/2012

**REASON FOR REVISION:**
CHANGED FAC 1 MAG BRG FROM 180 TO 185.
CHANGED HOLDING PATTERN 1 CRS FROM 180/360 TO 185/005.
CHANGED HOLDING PATTERN 2 CRS FROM 182/002 TO 185/005.
UPDATED FIX USE AND REMARKS.

| | | | |
|---|---|---|---|
| **DEVELOPED BY:** | **DATE:** 05/16/2012 | **OFFICE:** AJV-352 | **NAME:** KELLY DEAN |
| **APPROVED BY:** | **DATE:** | **OFFICE:** AJV-352 | **NAME:** DARRYEL ADAMS |
| | **SIGNATURE:** | | |

**DISTRIBUTION:**
**NFDC**
**FPO:** EST
**ARTCC:** ZTL
**ATC FACILITY:** ATL/ATL
**OTHER:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** YINNZ **STATE:** GA **COUNTRY:** US

**LATITUDE/LONGITUDE:** 332936.27N/0845440.65W **TYPE:** WP, RADAR, 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 | ATLANTA | ATL | VORTAC | H | 256.34 | 251.34 | 25.22 | 25.22 | | 4000 | 17500 |
| 2 | LAGRANGE | LGC | VORTAC | H | 028.06 | 029.06 | 30.46 | 30.46 | | 4000 | 17500 |

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

**REMARKS:**
ATLANTA (FAC 1) AND LAGRANGE (FAC 2) USED TO ESTABLISH FIX COORDINATES

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | ILS OR LOC RWY 10 | 1, 2 | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (CAT II)(SCP) | 1, 2 | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (CAT III)(SCP) | 1, 2 | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (SCP) | 1, 2 | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 10 (CAT II) | 1, 2 | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 10 (CAT III) | 1, 2 | | KATL | ATLANTA | GA (US) |
| IAP | RNAV (GPS) Y RWY 10 | | | KATL | ATLANTA | GA (US) |
| IAP | RNAV (RNP) Z RWY 10 | | | KATL | ATLANTA | GA (US) |

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1 **DATE OF REVISION:** 11/15/2012

**REASON FOR REVISION:**
CHANGED FAC 1 MAG BRG FROM 251.34 TO 256.34.
UPDATED FIX USE AND REMARKS.

**DEVELOPED BY:** **DATE:** 05/16/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

**SIGNATURE:**

**DISTRIBUTION:**
**NFDC**
**FPO:** EST
**ARTCC:** ZTL
**ATC FACILITY:** ATL/ATL
**OTHER:**

QUALITY CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** ZMANN **STATE:** GA **COUNTRY:** US

**LATITUDE/LONGITUDE:** 333712.19N/0843757.69W **TYPE:** WP, RADAR, 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 | ATLANTA | I-OMO | LOC/DME | | 274.97 | 269.97 | 10.91 | 10.91 | | 2700 | 5400 |

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

**REMARKS:**
ATLANTA (FAC 1) USED TO ESTABLISH FIX COORDINATES

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | ILS OR LOC RWY 10 | 1 | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (CAT II)(SCP) | 1 | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (CAT III)(SCP) | 1 | | KATL | ATLANTA | GA (US) |
| IAP | ILS PRM RWY 10 (SCP) | 1 | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 10 (CAT II) | 1 | | KATL | ATLANTA | GA (US) |
| IAP | ILS RWY 10 (CAT III) | 1 | | KATL | ATLANTA | GA (US) |
| IAP | RNAV (GPS) Y RWY 10 | | | KATL | ATLANTA | GA (US) |
| IAP | RNAV (RNP) Z RWY 10 | | | KATL | ATLANTA | GA (US) |

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 3 **DATE OF REVISION:** 11/15/2012

**REASON FOR REVISION:**
CHANGED FAC 1 MAG BRG FROM 273.97 TO 274.97.
UPDATED FIX USE AND REMARKS.

**DEVELOPED BY:** **DATE:** 05/16/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

**SIGNATURE:**

**DISTRIBUTION:**
**NFDC**
**FPO:** EST
**ARTCC:** ZTL
**ATC FACILITY:** ATL/ATL
**OTHER:**

QUALITY CHECKED