| Flight Procedure Tracking Form | Action: FLIGHT CHECK | Task Type: IAP | Date Open: 12/11/2009 | Task #: 20080623217709 01003 | Request #: 20080623217709 |
|---|---|---|---|---|---|
| Procedure: VOR/DME RWY 23 AMDT 2 | | Airport ID: KX35 | Airport: MARION COUNTY | | Reimbursable #: |
| City: DUNNELLON | ST: FL | GPS #: | | Estimated Chart Date: 04/05/2012 | FICO #: |
| Fac ID: OCF | Fac. Type: VORTAC | | Specialist: DAVID JENNER | | |

## Procedure Review

P3

| | Rec'd | Rel'd | Full Name | Comments |
|---|---|---|---|---|
| Lead: | 09/13/2011 | 12/05/2011 | JILL OLSON | |
| QA: | 12/05/2011 | 12/07/2011 | SCOTT BEARD | |
| Liaison: | 12/07/2011 | | Terrell | |

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

pg 1 of 2

DUNNELLON, FL MARION COUNTY (KX35) VOR/DME RWY 23, AMDT 2 ENROUTE-NO FC: 2.21.12 PUB: 4.5.12

ATTACHED FORMS: 8260-5; 8260-10; 8260-9; 8260-2(S): ALICS-INT, REV 2; OCALA (OCF) VTAC, REV 14; UPUFA-INT, REV 1; ZALIR-INT, ORIG.

CONTACT: DON SMITH, JILL OLSON, AJV-352 LEADS, 405.954.1036/0414:

# VOR/DME RWY 23

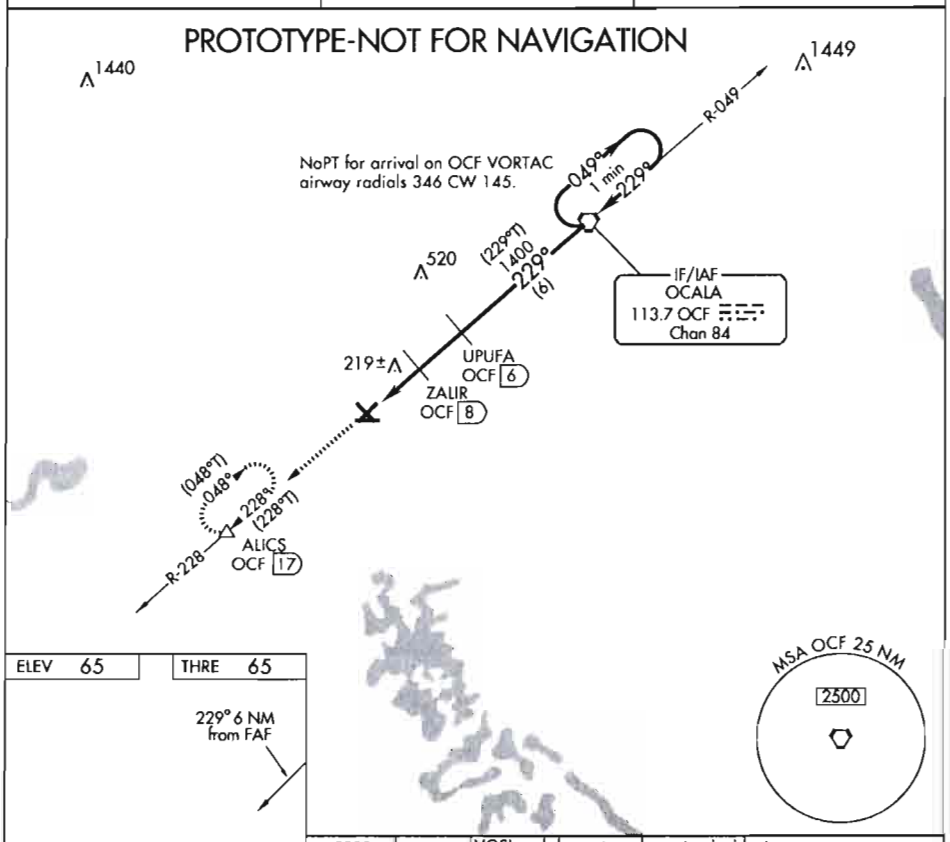
DUNNELLON/ MARION COUNTY (X35)

| APP CRS | Rwy ldg | 4941 |
|---|---|---|
| 229° | THRE | 65 |
| | Apt Elev | 65 |

NA Visibility reduction by helicopters NA. Use Ocala altimeter setting, when not received, use Leesburg altimeter setting and increase all MDA 60 feet; increase S-23 Cats C and D visibility 1/8 miles. Procedure NA at night.

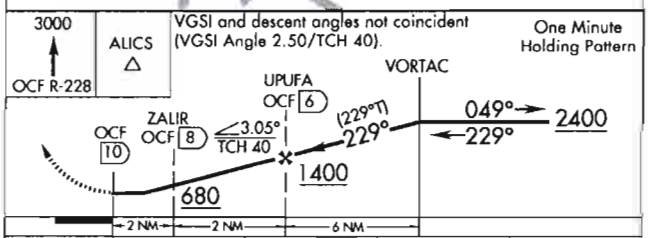
MISSED APPROACH: Climb to 3000 on OCF VORTAC R-228 to ALICS/OCF 17 DME and hold, continue climb-in-hold to 3000.

| OCALA AWOS-3 | JACKSONVILLE APP CON | UNICOM |
|---|---|---|
| 128.125 | 118.6 251.15 | 122.8 (CTAF) |




ELEV 65 THRE 65

229° 6 NM from FAF




| CATEGORY | A | B | C | D |
|---|---|---|---|---|
| S-23 | 540-1 475 (500-1) | | 540-1 3/8 475 (500-1 3/8) | |
| CIRCLING | 540-1 475 (500-1) | 560-1 495 (500-1) | 560-1½ 495 (500-1½) | 620-2 555 (600-2) |

MIRL Rwy 5-23



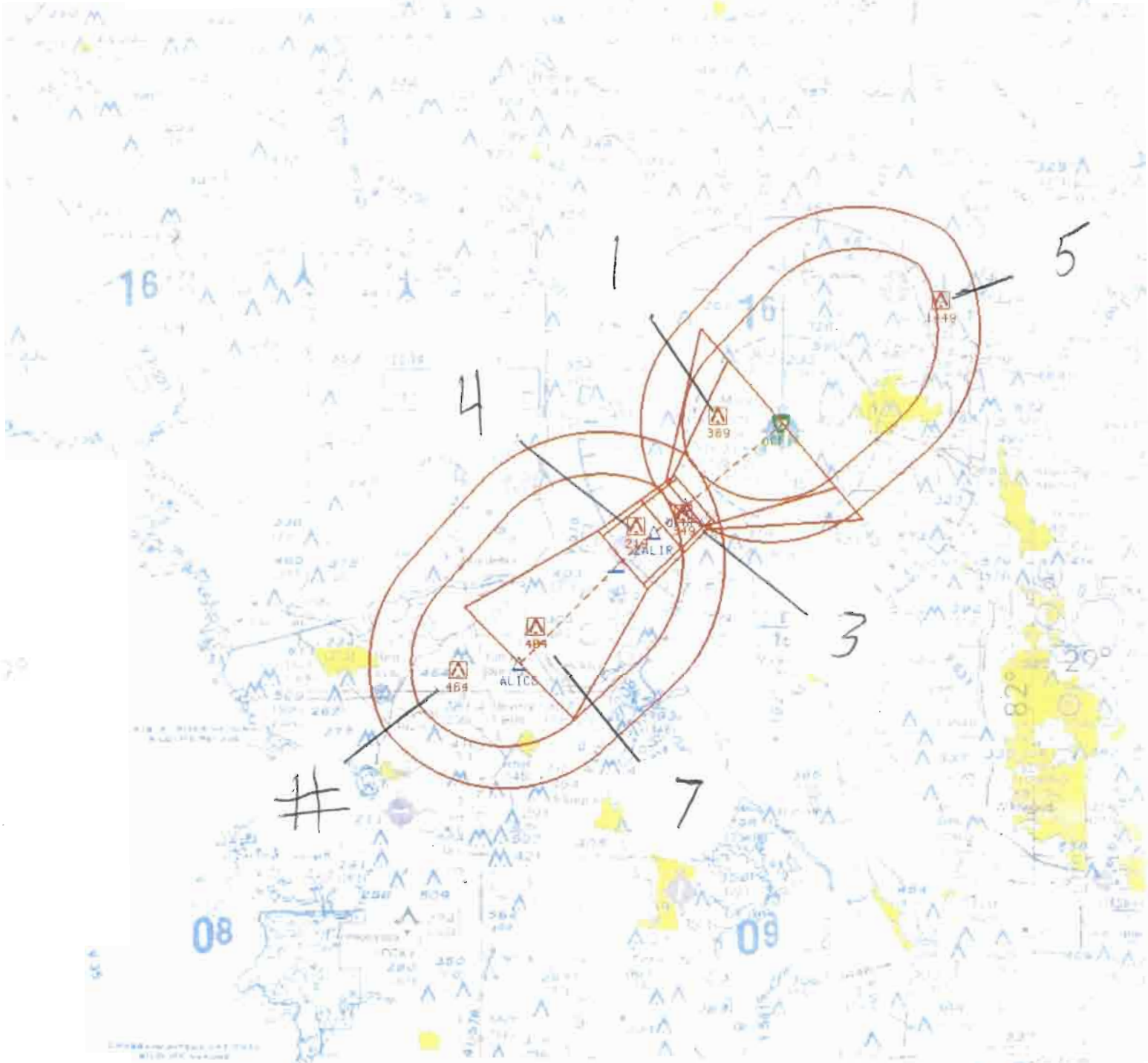
29°04'N-82°23'W

DUNNELLON/ MARION COUNTY (X35)
VOR/DME RWY 23

NM 7 14 21 28 35 42 49

FT 42000 84000 126000 168000 210000 252000 294000

*fpodej | x35vor23 (PROD) | 15 Nov 2011 08:18:22 | 1" = 41666.7 feet (MAP)*



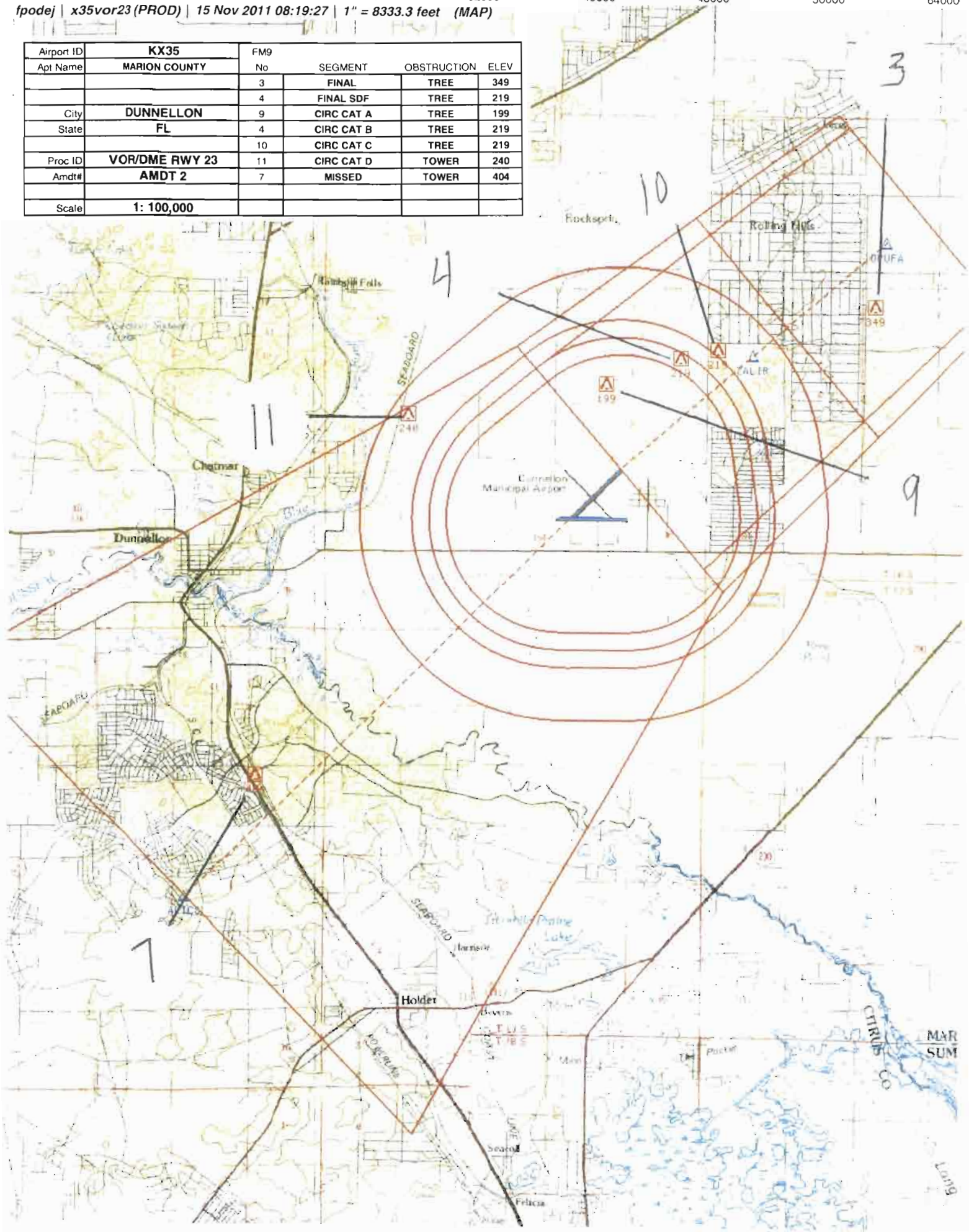

| Airport ID | KX35 | FM 9 | | | |
|---|---|---|---|---|---|
| Apt Name | MARION COUNTY | No | SEGMENT | OBSTRUCTION | ELEV |
| | | | | | |
| | | 1 | OCF INTERMD | AAO | 389 |
| City | DUNNELLON | 3 | FINAL | AAO | 349 |
| State | FL | 4 | FINAL SDF | TREE | 219 |
| | | 7 | MISSED | TOWER | 404 |
| Proc ID | VOR/DME RWY 23 | 5 | HOLDNLU | TOWER | 1449 |
| Amdt# | AMDT 2 | # | HOLDING | TOWER | 464 |
| | | | | | |
| Scale | 1: 500,000 | | | | |

NM 1 2 3 4 5 6 7 8 9 10

FT 8000 16000 24000 32000 40000 48000 56000 64000

*fpodej | x35vor23 (PROD) | 15 Nov 2011 08:19:27 | 1" = 8333.3 feet (MAP)*

| | | FM9 | | | |
|---|---|---|---|---|---|
| Airport ID | **KX35** | | | | |
| Apt Name | **MARION COUNTY** | No | SEGMENT | OBSTRUCTION | ELEV |
| | | 3 | **FINAL** | **TREE** | **349** |
| | | 4 | **FINAL SDF** | **TREE** | **219** |
| City | **DUNNELLON** | 9 | **CIRC CAT A** | **TREE** | **199** |
| State | **FL** | 4 | **CIRC CAT B** | **TREE** | **219** |
| | | 10 | **CIRC CAT C** | **TREE** | **219** |
| Proc ID | **VOR/DME RWY 23** | 11 | **CIRC CAT D** | **TOWER** | **240** |
| Amdt# | **AMDT 2** | 7 | **MISSED** | **TOWER** | **404** |
| | | | | | |
| Scale | **1: 100,000** | | | | |



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

**VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE**

**FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23**

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 |
|---|---|---|---|
| OCF VORTAC (IF/IAF) | UPUFA/6.00 DME | 229.49 / 6.00 | 1400 |

## MISSED APPROACH

**MAP: OCF 10.00 DME FIX**

**CLIMB TO 3000 ON OCF VORTAC R-228 TO ALICS/OCF 16.99 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.**

ADDITIONAL FLIGHT DATA:

**HOLD NE, RT, 227.77 INBOUND.**
**CHART FAS OBST: 219 TREE 290519N/0822128W**
**UPUFA TO RW23: 3.05/40.**

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD NE OCF VORTAC, RT, 229.49 INBOUND, 2400 FT. IN LIEU OF PT (IAF)**
3. FAC **229.49** FAF **UPUFA/6.00 DME** DIST FAF TO MAP ____ THLD **4.00**
4. MIN. ALT **OCF VORTAC 2400, UPUFA 1400, ZALIR/8.00 DME 680**
8. MSA FROM: **OCF VORTAC 2500**

MAG VAR: **0E** EPOCH YEAR: **1970**

## MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

| CATEGORY =====> | A | | | B | | | C | | | D | | | E | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MDA | VIS | HAT/HAA | MDA | VIS | HAT/HAA | MDA | VIS | HAT/HAA | MDA | VIS | HAT/HAA | MDA | VIS | HAT/HAA |
| S-23 | 540 | 1 | 475 | 540 | 1 | 475 | 540 | 1 3/8 | 475 | 540 | 1 3/8 | 475 | | | |
| CIRCLING | 540 | 1 | 475 | 560 | 1 | 495 | 560 | 1 1/2 | 495 | 620 | 2 | 555 | | | |

NOTES:

**CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.**
**CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON OCF VORTAC AIRWAY RADIALS 346 CW 145.**
**CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.**
**CHART NOTE: USE OCALA ALTIMETER SETTING, WHEN NOT RECEIVED, USE LEESBURG ALTIMETER SETTING AND (SEE FORM 8260-10)**

QUALITY 2 CHECKED

| CITY AND STATE | ELEVATION: 65 THRE: 65 | FACILITY IDENTIFIER: | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: | SUP |
|---|---|---|---|---|
| **DUNNELLON, FL** | AIRPORT NAME: **MARION COUNTY** | **OCF** | **VOR/DME RWY 23, AMDT 2** | AMDT **1B** |
| | | | | DATE **09/24/2009** |

| 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] **ZJX, JAX APP CON, AMGR** |

| FLIGHT CHECKED BY | | |
|---|---|---|
| NAME: | FIFO | DATE: |
| **DEVELOPED BY** | | |
| NAME: **DONALD E. SMITH (DAVID E. JENNER)** | FIFO **AJV-352** | DATE: **10/25/2011** |
| **APPROVED BY** | | |
| NAME: **DARRYEL ADAMS** **MANAGER** | FIFO **AJV-352** | DATE: |

CHANGES:

**1. FAF NAME CHANGED FROM VIKIN TO UPUFA.**
**2. FAF ALTITUDE LOWERED FROM 1700 TO 1400 AND MOVED FROM 5.00 NM TO 6.00 NM FROM OCF VORTAC (IF), DIST FAF TO THLD CHANGED FROM 5.00 TO 4.00.**
**3. SDF ADDED.**
**4. MISSED APPROACH INSTRUCTIONS UPDATED AND C-I-H ADDED.**
**5. FAC CHANGED FROM 229.48 TO 229.49,**
**6. HOLD-IN-LIEU INBOUND COURSE CHANGED FROM 229.48 TO 229.49.**
**7. CIRCLING MDA FOR CATS B - C UPDATED FROM 540 TO 560.**
**8. ADDED SECONDARY RASS AND UPDATED RASS NOTE.**
**9. NOTE "VGSI AND DESCENT ANGLES NOT COINCIDENT" MOVED FROM ADDITIONAL FLIGHT DATA TO NOTES.**
**10. THLD ELEVATION USED FOR MINIMUMS INSTEAD OF TDZE.**
**11. ADDED NOTE, "VISIBILITY REDUCTION BY HELICOPTERS NA."**
**12. ADDED NOTE, " PROCEDURE NA AT NIGHT".**

REASONS:

**1. FIX MOVED 1 NM OR MORE.**
**2. FIX MOVED TO GET THE REQUIRED DISTANCE BETWEEN THE IF AND FAF, ALTITUDE LOWERED TO GET OPTIMUM DESCENT GRADIENT BETWEEN FAF AND MAP.**
**3. SDF ADDED TO GET THE SAME MDA AS CURRENT PROCEDURE.**
**4. IAPA STUDY AND 8260.3B PARA 277 E.**
**5. IAPA STUDY AND TO ENSURE FAC SUPPORTED STRAIGHT-IN MINIMA.**
**6. IAPA STUDY AND TO KEEP THE INBOUND COURSE ALIGNED WITH FAC.**
**7. NEW CONTROLLING OBSTACLES.**
**8. ADDED SECONDARY RASS.**
**9. IAW 8260-19D PAR 855 N (2).**
**10. IAW 8260-19D PARA 854 J (1).**
**11. IAW 8260-19D PARA 854 I (3).**
**12. IAW 9260-19D PARA 854 M (2) (A) AND DUE TO NO SURVEY AT AIRPORT.**

QUALITY 2 CHECKED

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.

**NOTES, (CONT.):**
**INCREASE ALL MDA 60 FEET; INCREASE S-23 CATS C AND D VISIBILITY 1/8 MILE.**
**CHART NOTE: PROCEDURE NA AT NIGHT.**

QUALITY 2 CHECKED

| CITY AND STATE | ELEVATION: 65 THRE: 65 | FACILITY IDENTIFIER: | PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| DUNNELLON, FL | AIRPORT NAME: MARION COUNTY | OCF | VOR/DME RWY 23, AMDT 2 | AMDT: 1B |
| | | | | DATED: 09/24/2009 |

| 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:

QUALITY 2 CHECKED

# STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

| 1. APP SEGMENT | FROM | TO | OBSTRUCTION | COORDINATES | ELEV. MSL | ROC | ALT. ADJUSTMENTS | MIN. ALT. |
|---|---|---|---|---|---|---|---|---|
| INTERMEDIATE | OCF VORTAC | UPUFA/6.00 DME | 1. AAO | 291036.00N/0821703.00W | 389 (4D) | 500 | AT511 | 1400 |
| | (IF/IAF) | | 2. TERRAIN | 291036.00N/0821703.00W | 189 (200) | | AS1000 | 1200 |
| | | | | | | | | |
| FINAL | UPUFA/6.00 DME | ZALIR/8.00 DME | 3. AAO | 290555.17N/0821855.79W | 349 (2C) | 250 | RA78 | 680 |
| | | | | | | | | |
| FINAL: STEPDOWN | ZALIR/8.00 DME | OCF 10.00 DME | 4. TREE | 290519.20N/0822128.21W | 219 (2C) | 250 | RA28 XP43 | 540 |
| | | FIX | | | | | | |
| 2. HOLD-IN-LIEU-OF-PT | OCF VORTAC | P-4 | 5. TOWER (12-002347) | 291607.00N/0820450.00W | 1449 (5D) | 1000 | AT515 SA-564 | 2400 |
| | | | 6. TERRAIN | 291742.00N/0821321.00W | 230 (200) | | AS1500 | 1700 |
| 3. MISSED APPROACH — MAP: | OCF 10.00 DME | ALICS/OCF 16.99 | | | | ASC | | 3000 |
| | FIX | DME | 7. TOWER (12-000581) | 290031.18N/0822659.99W | 404 (1A) | 1000 | | 1500 |
| ELEV: | 262 | | 8. TERRAIN | 290045.00N/0822927.00W | 178 (200) | | AS1500 | 1700 |

| 4. CIRCLING AREA | DISTANCE | HT. ABV. ARPT. REQUIRED | HT. ABV. ARPT. ACTUAL | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| CATEGORY A | 1.3 NM | 350 | 475 | 9. TREE | 290501.24N/0822227.02W | 199 (2C) | 300 | RA28 | 540 |
| CATEGORY B | 1.5 NM | 450 | 495 | 4. TREE | 290519.20N/0822128.21W | 219 (2C) | 300 | RA28 | 560 |
| CATEGORY C | 1.7 NM | 450 | 495 | 10. TREE | 290524.96N/0822059.08W | 219 (2C) | 300 | RA28 | 560 |
| CATEGORY D | 2.3 NM | 550 | 555 | 11. TOWER (12-002823) | 290440.00N/0822502.00W | 240 (5D) | 300 | RA28 AC50 | 620 |
| CATEGORY E | 4.5 NM | 550 | | | | | | | |

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: OCF VORTAC

| SECTOR | OBSTRUCTION | BRG/DIST | ELEVATION (MSL) | M S A | SECTOR | OBSTRUCTION | BRG/DIST | ELEVATION (MSL) | M S A |
|---|---|---|---|---|---|---|---|---|---|
| 360-360 | TWR (12-002347) | 054/ 09.4 | 1449 (5D) | 2500 | | | | | |
| | | | | | | | | | |

QUALITY CHECKED

| CITY AND STATE | ELEVATION: 65 / AIRPORT NAME: | FACILITY | PROCEDURE AND AMENDMENT NO: | REGION |
|---|---|---|---|---|
| DUNNELLON, FL | MARION COUNTY | OCF VORTAC | VOR/DME RWY 23, AMDT 2 | ASO |

## PART B - SUPPLEMENTAL DATA

| 1. COMMUNICATIONS WITH: | 2. WEATHER SERVICE | | | 3. ALTIMETER SETTING |
|---|---|---|---|---|
| ZJX ARTCC<br>JAX APP CON | | N W S | OTHER: | SOURCE: KOCF / KLEE |
| | | F A A | AWOS-3 | DISTANCE: 10.37 / 33.15 |
| SATISFACTORY ON: | | A / C | | HOURS REMOTE OPERATION: 24 / 24 |
| X V H F X U H F H F | LOCATION: KOCF | | | ADJUSTMENT: 28 / 78 |

| | | |
|---|---|---|
| 4. MONITOR STATUS | PRIMARY NAVAID: OCF VORTAC | |
| | MONITOR POINT: AOCC | |
| | HRS OPTN: CAT 1 | |
| | HRS OPTN: CAT 3 | 24 |
| 5. APPROACH & RUNWAY LIGHTING | | ALS |
| | | (S) SALS |
| | | MALS |
| | | HIRL |
| | X | MIRL 05 (PCL), 27 (PCL), 23 (PCL), 09 (PCL) |
| | | REIL |
| | | TDZ |
| | | C/LINE |
| | X | OTHER (SPECIFY)<br>PAPI-2L 05 (PCL), 23 (PCL) |
| 6. RUNWAY MARKINGS | BASIC BSC-F 27 | |
| | ALL WEATHER | |
| | INSTRUMENT NPI-P 23 | |
| 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: DONALD E. SMITH (DAVID E. JENNER) | DATE: 10/25/2011 |
| TITLE: AERONAUTICAL INFORMATION SPECIALIST | OFFICE: AJV-352 |

## PART C - REMARKS:

VDP NOT ESTABLISHED - ALTIMETER ADJUSTMENTS IN USE.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

RASS PRESSURE PATTERNS SAME
KX35 65.2, KOCF 89.7
RA = 27.29.
SEE ATTACHED AIRSPACE LETTER.

RASS PRESSURE PATTERNS SAME
KX35 65.2, KLEE 75.9
RA=77.75

100' VEGETATION AND 200' AAO USED IN PROCEDURE, VEGETATION HEIGHT SAME AS CURRENT PROCEDURE.

KOCF AWOS AND KLEE ASOS ARE ON SERVICE A.

VGSI INFO: 2.50/40.

20:1 AND 34:1 NOT CLEAR - UNABLE TO VERIFY SLOPE DUE TO SURVEY ACCURACY.

XP=TO KEEP MDA SAME AS CURRENT PROCEDURE.

QUALITY 2 CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** ALICS **STATE:** FL **COUNTRY:** US

**LATITUDE/LONGITUDE:** 285911.22N/0822755.41W **TYPE:** WP, 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 | OCALA | OCF | VORTAC | L | 227.77 | 227.77 | 16.99 | 16.99 | | 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 | NE | OCF | VORTAC | 227.77 | 227.77 | R | 1 | | 3000 | 6000 | 5 | 6 |
| 2 | NE | | WP | 050.24 | 230.24 | R | | 4 | 3000 | 6000 | 5 | 6 |

**CONTROLLING OBSTRUCTIONS:**

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|---|---|---|---|---|---|
| 1 | 200 | TOWER (12-004178) | 285826.00N/0823116.00W | 464 | 2D |
| 1 | 310 | TOWER (12-002913) | 285245.40N/0822915.60W | 658 | 2C |
| 2 | 200 | TOWER (12-004178) | 285826.00N/0823116.00W | 464 | 2D |
| 2 | 310 | TOWER (12-002913) | 285245.40N/0822915.60W | 658 | 2C |

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

**PROCEDURES REQUIRING CLIMB-IN-HOLD:**

| PAT | PROCEDURE TITLE | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|
| 1 | VOR/DME RWY 23 | KX35 | DUNNELLON | FL (US) |
| 2 | RNAV (GPS) RWY 23 | KX35 | DUNNELLON | FL (US) |

**REMARKS:**
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | RNAV (GPS) RWY 23 | | 2 | KX35 | DUNNELLON | FL (US) |
| IAP | VOR/DME RWY 23 | 1 | 1 | KX35 | DUNNELLON | FL (US) |

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2 **DATE OF REVISION:** 04/05/2012

**REASON FOR REVISION:**
UPDATED FIX COORDINATES, FIX MOVED 0.51 NM SOUTHEAST.
UPDATED FAC 1 TRUE/MAG BRG, DME AND MAA.
FAC 1,ADDED DIST FROM FAC 16.99.
UPDATED HOLDING PATTERN 1 COURSE INBOUND, CHANGED FROM 229.48 TO 227.77.
UPDATED HOLDING PATTERN 2 COURSE INBOUND, CHANGED FROM 233.40 TO 230.24.
CHANGED MAX HOLDING ALTITUDE FOR PATS 1 AND 2 FROM 10000 TO 6000.
ADDED MAX TEMPLATE PATS 1 AND 2.
UPDATED HOLDING PATS 1 AND 2 CONTROLLING OBSTACLE.
ADDED 310 CONTROLLING OBST FOR PAT 1 AND PAT 2.
MOVED HOLDING RESTRICTION FROM REMARKS TO HOLDING RESTRICTIONS BLOCK.
ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED IN REMARKS.
DELETED "WP COLLOCATED WITH DME FIX" REMARK.

**DEVELOPED BY:** **DATE:** 10/18/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (DAVID JENNER)

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

**SIGNATURE:**

**DISTRIBUTION:** **NFDC**
**FPO:** EST
**ARTCC:** ZJX
**ATC FACILITY:** JAX APP CON
**OTHER:**

QUALITY 2 CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** OCALA VORTAC **STATE:** FL **COUNTRY:** US

**LATITUDE/LONGITUDE:** 291038.92N/0821334.80W **TYPE:**

**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 | FAC FEET | MRA | MAA |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | OCALA | OCF | VORTAC | L | | | | | | | 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 | NE | OCF | VORTAC | 049.49 | 229.49 | R | 1 | | 2400 | 6000 | 4 | 5 |

**CONTROLLING OBSTRUCTIONS:**

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|---|---|---|---|---|---|
| 1 | 200 | TOWER (12-002347) | 291607.00N/0820450.00W | 1449 | 5D |

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

**REMARKS:**
PAT 1: OBSTACLE LOCATED 1845 FT FROM INNER EDGE OF SECONDARY
PRECIPITOUS TERRAIN EVALUATION COMPLETED REMARK.

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| DP | LAMMA | | | KDAB | DAYTONA BEACH | FL (US) |
| DP | ROYES | | | KDAB | DAYTONA BEACH | FL (US) |
| DP | JACKSONVILLE | | | KJAX | JACKSONVILLE | FL (US) |
| DP | CITRUS | | | KMCO | ORLANDO | FL (US) |
| DP | ORLANDO | | | KMCO | ORLANDO | FL (US) |
| DP | MALRY | | | KORL | ORLANDO | FL (US) |
| DP | SOAPS | | | KORL | ORLANDO | FL (US) |
| DP | SANFORD | | | KSFB | ORLANDO | FL (US) |
| DP | ST PETE | | | KPIE | ST PETERSBURG/CLEARWATER | FL (US) |
| DP | TAMPA | | | KTPA | TAMPA | FL (US) |
| EN ROUTE | T211 | | | | | (US) |
| EN ROUTE | V157 | | | | | (US) |
| EN ROUTE | V159-295 | | | | | (US) |
| EN ROUTE | V441-V537 | | | | | (US) |
| EN ROUTE | V537 | | | | | (US) |
| EN ROUTE | V581 | | | | | (US) |
| IAP | VOR/DME-A | | | KCGC | CRYSTAL RIVER | FL (US) |
| IAP | RNAV (GPS) RWY 23 | | | KX35 | DUNNELLON | FL (US) |
| IAP | VOR/DME RWY 23 | | 1 | KX35 | DUNNELLON | FL (US) |
| IAP | ILS OR LOC RWY 29 | | | KGNV | GAINESVILLE | FL (US) |
| IAP | VOR RWY 29 | | | KGNV | GAINESVILLE | FL (US) |
| IAP | RNAV (GPS) RWY 19 | | | KX40 | INVERNESS | FL (US) |
| IAP | NDB RWY 31 | | | KLEE | LEESBURG | FL (US) |
| IAP | RNAV (GPS) RWY 13 | | | KLEE | LEESBURG | FL (US) |
| IAP | ILS OR LOC/DME RWY 36 | | | KOCF | OCALA | FL (US) |
| IAP | VOR RWY 36 | | | KOCF | OCALA | FL (US) |
| IAP | ILS OR LOC RWY 27L | | | KSFB | ORLANDO | FL (US) |
| IAP | VOR RWY 23 | | | KX60 | WILLISTON | FL (US) |
| STAR | PIGLT (RNAV) | | | KISM | ORLANDO | FL (US) |
| STAR | BITHO | | | KMCO | ORLANDO | FL (US) |
| STAR | LEESE | | | KMCO | ORLANDO | FL (US) |
| STAR | MINEE | | | KMCO | ORLANDO | FL (US) |
| STAR | PIGLT(RNAV) | | | KMCO | ORLANDO | FL (US) |
| STAR | PIGLT (RNAV) | | | KORL | ORLANDO | FL (US) |
| STAR | BAYPO (RNAV) | | | KTPA | TAMPA | FL (US) |
| STAR | DADES (RNAV) | | | KTPA | TAMPA | FL (US) |
| STAR | FOOXX (RNAV) | | | KTPA | TAMPA | FL (US) |

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 14 **DATE OF REVISION:** 04/05/2012

**REASON FOR REVISION:**
UPDATED FIX USE.
UPDATED HOLDING PAT 1 INBOUND CRS, CHANGED FROM 229.00 TO 229.49.
UPDATED REQUIRED CHARTING.

QUALITY 2 CHECKED

| | | | |
|---|---|---|---|
| **DEVELOPED BY:** | **DATE:** 10/21/2011 | **OFFICE:** AJV-352 | **NAME:** DONALD SMITH (DAVID JENNER) |
| **APPROVED BY:** | **DATE:** | **OFFICE:** AJV-352 | **NAME:** DARRYEL ADAMS |
| | **SIGNATURE:** | | |

**DISTRIBUTION:**
**NFDC**
**FPO:** EST
**ARTCC:** ZJX
**ATC FACILITY:** JAX APP CON
**OTHER:**

QUALITY 2 CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** UPUFA **STATE:** FL **COUNTRY:** US

**LATITUDE/LONGITUDE:** 290644.38N/0821847.27W **TYPE:** 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 | OCALA | OCF | VORTAC | L | 229.49 | 229.49 | 6.00 | 6.00 | 36456 | 1400 | 17500 |

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

**REMARKS:**
NAMED CHANGED FROM VIKIN TO UPUFA.

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | VOR/DME RWY 23 | 1 | | KX35 | DUNNELLON | FL (US) |

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1 **DATE OF REVISION:** 04/05/2012

**REASON FOR REVISION:**
CHANGED FIX NAME FROM VIKIN TO UPUFA.
UPDATED FIX COORDINATES, FIX MOVED 1 NM SOUTHWEST.
UPDATED FIX USE.
UPDATED FAC 1 MAG/TRUE BRG FROM 229.48/229.48 TO 229.49/229.49.
FAC 1 DME CHANGED FROM 5 NM TO 6 NM.
ADDED FAC 1 DIST FROM FAC INFORMATION.
RAISED MRA/MAA FROM 1000/5000 TO 1400/17500.

**DEVELOPED BY:** **DATE:** 10/21/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (DAVID JENNER)

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

**SIGNATURE:**

**DISTRIBUTION:**
**NFDC**
**FPO:** EST
**ARTCC:** ZJX
**ATC FACILITY:** JAX APP CON
**OTHER:**

QUALITY 2 CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** ZALIR **STATE:** FL **COUNTRY:** US

**LATITUDE/LONGITUDE:** 290526.15N/0822031.34W **TYPE:** DME

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

**FIX MAKE-UP FACILITIES:**

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC NM | DIST FROM FAC FEET | MRA | MAA |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | OCALA | OCF | VORTAC | L | 229.49 | 229.49 | 8.00 | 8.00 | | 580 | 17500 |

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | VOR/DME RWY 23 | 1 | | KX35 | DUNNELLON | FL (US) |

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 04/05/2012

**DEVELOPED BY:** **DATE:** 10/21/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (DAVID JENNER)

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

**SIGNATURE:**

**DISTRIBUTION:**
**NFDC**
**FPO:** EST
**ARTCC:** ZJX
**ATC FACILITY:** JAX APP CON
**OTHER:**

QUALITY 2 CHECKED

# TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **DUNNELLON** STATE: **FL**

AIRPORT NAME: **MARION COUNTY** ID: **KX35**

PROCEDURE: **VOR/DME RWY 23** AMDT: **2**

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

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

1. Distance from **THLD** to 1000' point **3.33**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **2.67**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **229.49**
4. High Terrain in **FINAL** segment containing 1000' point **159**
5. Distance from **THLD** to 1500' point **9.40**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **INTERMEDIATE** segment at 1500' point **6.13**
7. True Course of **INTERMEDIATE** segment containing 1500' point **229.49**
8. High Terrain in **INTERMEDIATE** segment containing 1500' point **189**
9. Threshold Coordinates (if straight-in) ... **290407.84N** / **0822215.36W**
10. ARP Coordinates ..... **290342.40N** / **0822235.70W**
11. Runway Approach End and distance furthest from ARP.....RWY **23**
    Distance **0.52** NM
12. FAF Coordinates ..... **290644.38N** / **0821847.27W**
    (Click to Select)

**REMARKS: Approach/Drawing attached.**