Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: STAR	Date Open: 05/05/2010	Task #: 2008041414764718002	Request #: 20080414147647
Procedure: STAR TUXXI TWO WEST PALM BEACH FL KPBI		Airport ID: KPBI	Airport: PALM BEACH INTL		Reimbursable #:
City: WEST PALM BEACH	ST: FL	GPS #:		Estimated Chart Date: 09/20/2012	FICO #:
Fac ID:	Fac. Type: Proc TR	Specialist: KELLY DEAN			

Procedure Review

P1

	Rec'd	Rel'd	Full Name	Comments
Lead:	03/13/2012	06/01/2012	STEVEN SZUKALA	
QA:	06/01/2012	06/01/2012	STEVEN SZUKALA	
Liaison:	06/01/2012		Alfonso	HARD DATE - REQUEST POSSIBLE TABLE TOP REVIEW

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

pg 2.12

WEST PALM BEACH, FL PALM BEACH INTL (KPBI) TUXXI TWO (STAR) ENROUTE-YES HARD DATE 9.20.12

ATTACHED FORMS: 7100-4; 7100-3; 8260-2(S): ORMOND BEACH (OMN) VTAC, REV 9; STOOP-INT, REV 12; TREASURE (TRV) VTAC, REV 16; (INFO ONLY) FILBE-INT, REV 1; HURDE-INT, REV 2, OBEYS-INT, REV 1; PAHOKEE (PHK) VTAC, REV 9; PALM BEACH (PBI) VTAC, REV 10; TUXXI-INT, REV 1.

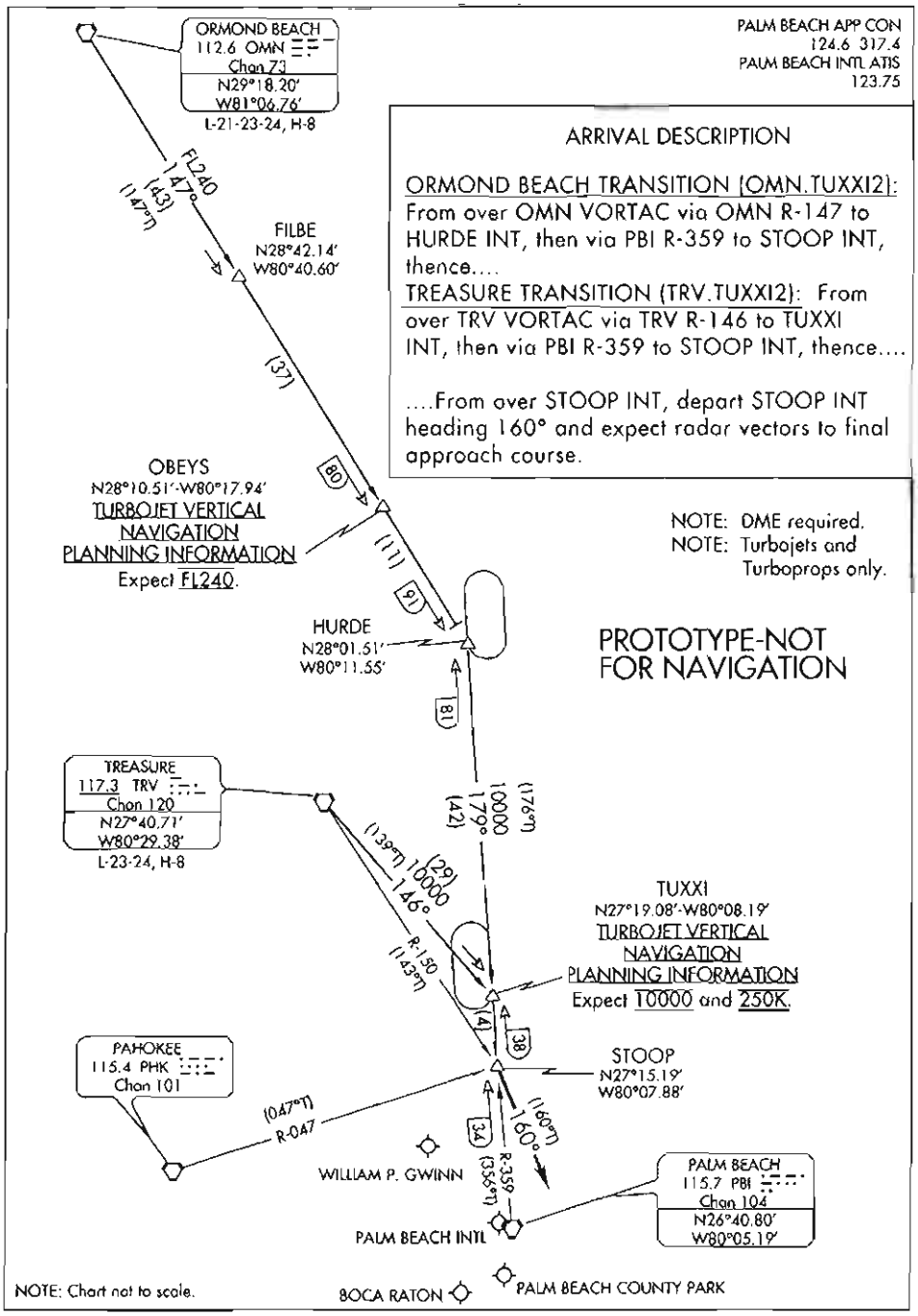
CONTACT: DON SMITH, AJV-352 LEAD, 405.954.1036;

(TUXXI.TUXXI2) PRE-FIG

ST-449 (FAA)

TUXXI TWO ARRIVAL

WEST PALM BEACH, FLORIDA



TUXXI TWO ARRIVAL

WEST PALM BEACH, FLORIDA

(TUXXI.TUXXI2) PRE-FIG

US Department of Transportation
Federal Aviation Administration

STAR - Standard Terminal Arrival

1. Bearings, headings, courses and radials are listed to the nearest hundredth (e.g. 360.00)
2. Distances are in nautical miles to nearest hundredth (e.g. 00.00)
3. Altitudes are minimum altitudes unless otherwise indicated

(1) Transition Routes

(a) Transition Name	(b) Transition Computer Codes	(c) From RNAV WP/FIX/NAVAID	(d) To RNAV WP/FIX/NAVAID	(e) Mag Course/ Distance	(f) MEA	(g) MOCA	(h) MAA	(i) Crossing Altitudes / Fixes
Ormond Beach	OMN.TUXXI2	OMN VORTAC	FILBE INT	147.36 / 42.66 (OMN R-147)	FL240			
		FILBE INT	OBEYS INT	147.36 / 37.34 (OMN R-147)	FL240			
		OBEYS INT	HURDE INT	147.36 / 10.60 (OMN R-147)	FL240			
		HURDE INT	TUXXI INT	179.00 / 42.42 (PBI R-359)	10,000			
		TUXXI INT	STOOP INT	179.00 / 3.89 (PBI R-359)	10,000			
Treasure	TRV.TUXXI2	TRV VORTAC	TUXXI INT	145.76 / 28.64 (TRV R-146)	10,000			
		TUXXI INT	STOOP INT	179.00 / 3.89 (PBI R-359)	10,000			

(2) Arrival Route Description:
From over STOOP INT, depart STOOP INT heading 160 and expect radar vectors to final approach course.

(3) Procedural Data Notes: NOTE: DME Required. NOTE: Chart not to scale. NOTE: Turbojets and Turboprops only.

Chart at TUXXI: TURBOJET VERTICAL NAVIGATION PLANNING INFORMATION: Expect to cross TUXXI at 10,000 and 250 KIAS.
Chart at OBEYS: TURBOJET VERTICAL NAVIGATION PLANNING INFORMATION: Expect to cross OBEYS at FL240.

(4) Fixes and/or Holding Patterns:
Chart PHK VORTAC, PBI VORTAC.
Chart holding at TUXXI (HOLD N, RT, 179.00 INBOUND), HURDE (HOLD N, LT, 179.00 INBOUND)

(5) Communications:
PALM BEACH APP CON, Palm Beach International ATIS

QUALITY CHECKED

(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
TUXXI	TWO	TUXXI.TUXXI2	ONE	10/27/2005	9/20/2012

FAA Form 7100-4 (7/02)

(12) Airports Served			
Airport Name	PALM BEACH INTL (PBI)	City/State	WEST PALM BEACH, FL
Airport Name	WILLIAM P GWINN (06FA)	City/State	JUPITER, FL
Airport Name	PALM BEACH COUNTY PARK (LNA)	City/State	WEST PALM BEACH, FL
Airport Name	BOCA RATON (BCT)	City/State	BOCA RATON, FL
Airport Name		City/State	
Airport Name		City/State	

(13) Lost Communications Procedure:

None

(14) Remarks:

(15) Additional Flight Data:

CHART TRV R-150 at STOOP
CHART PHK R-047 at STOOP

QUALITY CHECKED

(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
TUXXI	TWO	TUXXI.TUXXI2	ONE	10/27/2005	9/20/2012

FAA Form 7100-4 (7/02)

(16) Continuation:

(17) Changes:

1- VRB VORTAC changed to TRV VORTAC.
2- TRV MAG VAR changed from 4 to 7 degrees.
3- Note Added TUXXI Restriction for Speeds.
4- Add DME Mileage to STOOP INT

(18) Reasons for Changes:

1- VERO BEACH VORTAC changed name to TREASURE VORTAC.
2- TREASURE MAG VAR change from -4 TO -7.
3- ATC Request.
4- Missing from Original

05/30/12 THIS IS A CORRECTED COPY OF THE FORM DEVELOPED ON 05/18/12. CHANGED TUXXI TO STOOP FROM 359.00 TO 179.00.
08/03/12 THIS IS A CORRECTED COPY OF THE FORM CORRECTED ON 05/30/12. CHANGED TRV TO TUXXI R-145 TO R-146.

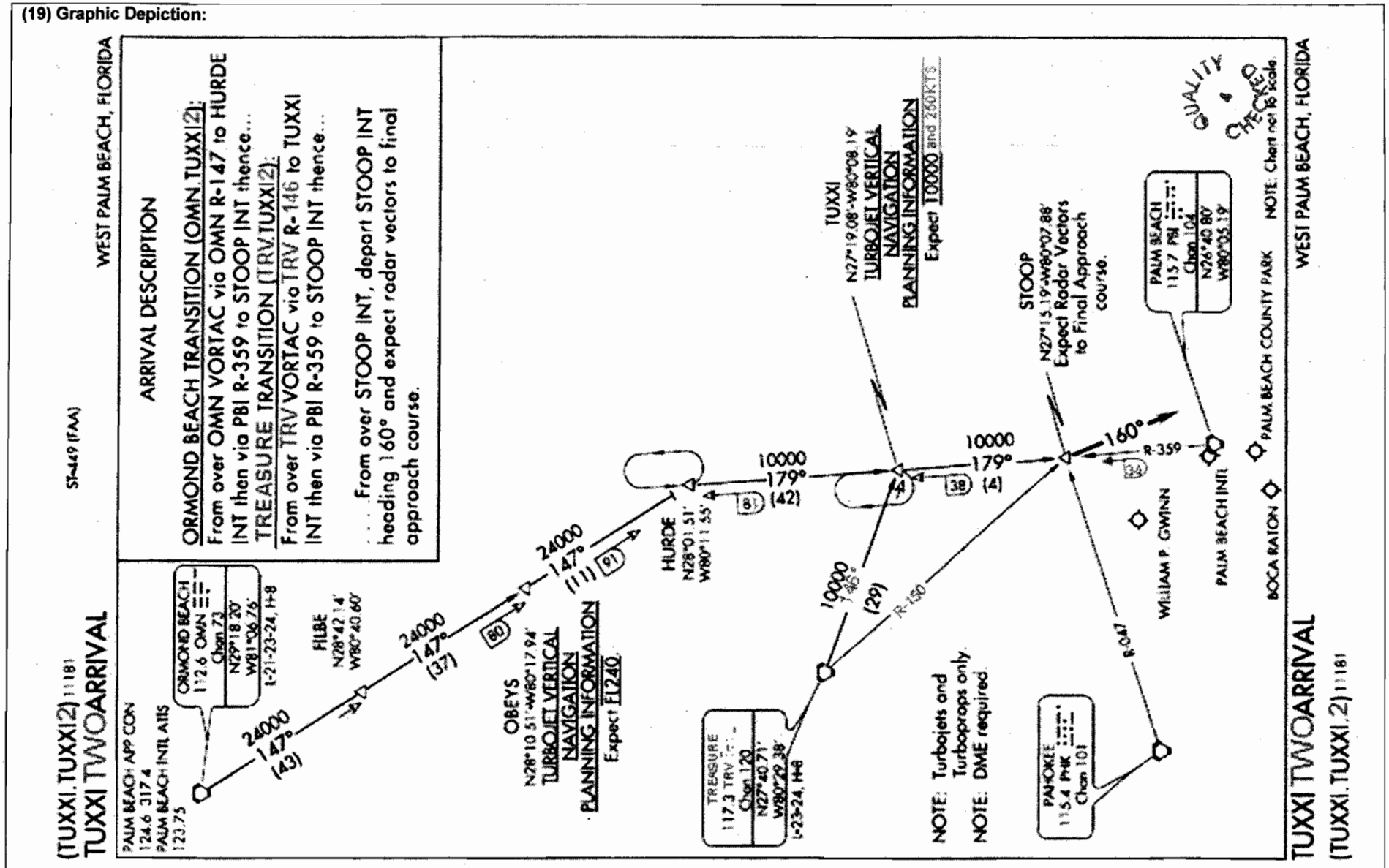
QUALITY CHECKED

	Name *(Typed and Signed)*, Title and Organization		DATE
Developed By	Scott A. Bronger, ATCS, ATO-ESA-ZMA-7B		May 30, 2012
Approved	**FIFO**		
	Reg. ATD		

(5) Arrival Name	(6) Number	(7) STAR Computer Code	(8) Superseded Nr.	(9) Dated	(10) Effective Date
TUXXI	TWO	TUXXI.TUXXI2	ONE	10/27/2005	9/20/2012

FAA Form 7100-4 (7/02)

(19) Graphic Depiction:



(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
TUXXI	TWO	TUXXI.TUXXI2	ONE	10/27/2005	9/20/2012

FAA Form 7100-4 (7/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

ARINC PACKET - 424-18 - STAR

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        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        OMN   K7011260VTH  N29181177W081064561    N29181177W081064561E0000000242     NARORMOND BEACH
        SUSAD        TRV   K7011730VTHA N27404233W080292301    N27404233W080292301W0070000112     NARTREASURE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FILBE K70    C     N28420824W080403583                      W0064     NAR           FILBE
        SUSAEAENRT   HURDE K70    C     N28013082W080113293                      W0066     NAR           HURDE
        SUSAEAENRT   OBEYS K70    C     N28103031W080175641                      W0065     NAR           OBEYS
        SUSAEAENRT   STOOP K70    C   L N27151110W080075277                      W0065     NAR           STOOP
        SUSAEAENRT   TUXXI K70    C     N27190471W080081118                      W0065     NAR           TUXXI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
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                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAP KPBIK7ETUXXI21OMN   020FILBEK7EA0E       TF                     14740427
        SUSAP KPBIK7ETUXXI21OMN   030OBEYSK7EA0E       TF                     14740373
        SUSAP KPBIK7ETUXXI21OMN   040HURDEK7EA0E  H    TF                     14740106
        SUSAP KPBIK7ETUXXI21OMN   050TUXXIK7EA0E  H    TF                     17900424
        SUSAP KPBIK7ETUXXI21OMN   060STOOPK7EA0EE      TF                     17900039
        SUSAP KPBIK7ETUXXI21TRV   010TRV  K7D 0V       IF                                                  18000
        SUSAP KPBIK7ETUXXI21TRV   020TUXXIK7EA0E  H    TF                     14580286
        SUSAP KPBIK7ETUXXI21TRV   030STOOPK7EA0EE      TF                     17900039
        SUSAP KPBIK7ETUXXI22ALL   010STOOPK7EA0E       IF                                                  18000
        SUSAP KPBIK7ETUXXI22ALL   020KPBI K7PA0AE      VM                     1600

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPBIK7GRW10L   0100000988 N26405898W080061692+0000    -0021500016119952150IIPBI1
        SUSAP KPBIK7GRW10R   0080000987 N26405160W080063060+0000    -0021000017000040075V
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(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
TUXXI	TWO	TUXXI.TUXXI2	ONE	10/27/2005	20 SEP 2012

FAA Form 7100-3 (9/02)

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SUSAP KPBIK7GRW14    0069311412 N26413060W080061448+0000    -0021100017000051150R
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SUSAP KPBIK7GRW28R   0100002788 N26405513W080044896+0000    -0020900018081360150IIPWB1
SUSAP KPBIK7GRW32    0069313212 N26404485W080052387+0000    -0021500016041857150R
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(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
TUXXI	TWO	TUXXI.TUXXI2	ONE	10/27/2005	20 SEP 2012

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	OMN	OMN	010		IF		FB					
	OMN	FILBE	020		TF		FB		147.4()	042.7		
	OMN	OBEYS	030		TF		FB		147.4()	037.3		
	OMN	HURDE	040		TF		FB		147.4()	010.6		
	OMN	TUXXI	050		TF		FB		179.0()	042.4		
	OMN	STOOP	060		TF		FB		179.0()	003.9		
	TRV	TRV	010		IF		FB					
	TRV	TUXXI	020		TF		FB		145.8()	028.6		
	TRV	STOOP	030		TF		FB		179.0()	003.9		
	ALL	STOOP	010		IF		FB					
	ALL	KPBI	020		VM		FB		160.0()			

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
OMN	N291811.77	W0810645.61	N2918.196	W08106.760
TRV	N274042.33	W0802923.01	N2740.706	W08029.384
FILBE	N284208.24	W0804035.83	N2842.137	W08040.597
HURDE	N280130.82	W0801132.93	N2801.514	W08011.549
OBEYS	N281030.31	W0801756.41	N2810.505	W08017.940
STOOP	N271511.10	W0800752.77	N2715.185	W08007.880
TUXXI	N271904.71	W0800811.18	N2719.079	W08008.186
RW10L	N264058.98	W0800616.92	N2640.983	W08006.282
RW10R	N264051.60	W0800630.60	N2640.860	W08006.510
RW14	N264130.60	W0800614.48	N2641.510	W08006.241
RW28L	N264047.80	W0800502.50	N2640.797	W08005.042
RW28R	N264055.13	W0800448.96	N2640.919	W08004.816
RW32	N264044.85	W0800523.87	N2640.748	W08005.398

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW10L	00016	52
RW10R	00017	40
RW14	00017	51
RW28L	00015	40
RW28R	00018	60
RW32	00016	57

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
TUXXI	TWO	TUXXI.TUXXI2	ONE	10/27/2005	20 SEP 2012

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

ARINC PACKET - 424-18 - STAR

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        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        OMN   K7011260VTH  N29181177W081064561    N29181177W081064561E0000000242     NARORMOND BEACH
        SUSAD        TRV   K7011730VTHA N27404233W080292301    N27404233W080292301W0070000112     NARTREASURE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FILBE K70    C     N28420824W080403583                      W0064     NAR           FILBE
        SUSAEAENRT   HURDE K70    C     N28013082W080113293                      W0066     NAR           HURDE
        SUSAEAENRT   OBEYS K70    C     N28103031W080175641                      W0065     NAR           OBEYS
        SUSAEAENRT   STOOP K70    C   L N27151110W080075277                      W0065     NAR           STOOP
        SUSAEAENRT   TUXXI K70    C     N27190471W080081118                      W0065     NAR           TUXXI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 06FAK7A        0     070YHN26542935W080194229W005000028         1800018000P    MNAR    WILLIAM P GWINN

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SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAP 06FAK7ETUXXI210MN   010OMN  K7D 0V       IF                                          18000
        SUSAP 06FAK7ETUXXI210MN   020FILBEK7EA0E       TF                     14740427
        SUSAP 06FAK7ETUXXI210MN   030OBEYSK7EA0E       TF                     14740373
        SUSAP 06FAK7ETUXXI210MN   040HURDEK7EA0E  H    TF                     14740106
        SUSAP 06FAK7ETUXXI210MN   050TUXXIK7EA0E  H    TF                     17900424
        SUSAP 06FAK7ETUXXI210MN   060STOOPK7EA0EE      TF                     17900039
        SUSAP 06FAK7ETUXXI21TRV   010TRV  K7D 0V       IF                                          18000
        SUSAP 06FAK7ETUXXI21TRV   020TUXXIK7EA0E  H    TF                     14580286
        SUSAP 06FAK7ETUXXI21TRV   030STOOPK7EA0EE      TF                     17900039
        SUSAP 06FAK7ETUXXI22ALL   010STOOPK7EA0E       IF                                          18000
        SUSAP 06FAK7ETUXXI22ALL   02006FA K7PA0AE      VM                     1600

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
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        SUSAP 06FAK7GRW27    0070032750 N26542936W080190627+0000    -0018400028024150150D
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(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
TUXXI	TWO	TUXXI.TUXXI2	ONE	10/27/2005	20 SEP 2012

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	OMN	OMN	010		IF		FB					
	OMN	FILBE	020		TF		FB		147.4()	042.7		
	OMN	OBEYS	030		TF		FB		147.4()	037.3		
	OMN	HURDE	040		TF		FB		147.4()	010.6		
	OMN	TUXXI	050		TF		FB		179.0()	042.4		
	OMN	STOOP	060		TF		FB		179.0()	003.9		
	TRV	TRV	010		IF		FB					
	TRV	TUXXI	020		TF		FB		145.8()	028.6		
	TRV	STOOP	030		TF		FB		179.0()	003.9		
	ALL	STOOP	010		IF		FB					
	ALL	06FA	020		VM		FB		160.0()			

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
OMN	N291811.77	W0810645.61	N2918.196	W08106.760
TRV	N274042.33	W0802923.01	N2740.706	W08029.384
FILBE	N284208.24	W0804035.83	N2842.137	W08040.597
HURDE	N280130.82	W0801132.93	N2801.514	W08011.549
OBEYS	N281030.31	W0801756.41	N2810.505	W08017.940
STOOP	N271511.10	W0800752.77	N2715.185	W08007.880
TUXXI	N271904.71	W0800811.18	N2719.079	W08008.186
RW09	N265429.35	W0802018.31	N2654.489	W08020.305
RW27	N265429.36	W0801906.27	N2654.489	W08019.105

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW09	00028	54
RW27	00028	50

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
TUXXI	TWO	TUXXI.TUXXI2	ONE	10/27/2005	20 SEP 2012

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

ARINC PACKET - 424-18 - STAR

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NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        OMN   K7011260VTH  N29181177W081064561    N29181177W081064561E0000000242     NARORMOND BEACH
        SUSAD        TRV   K7011730VTHA N27404233W080292301    N27404233W080292301W0070000112     NARTREASURE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FILBE K70    C     N28420824W080403583                      W0064     NAR           FILBE
        SUSAEAENRT   HURDE K70    C     N28013082W080113293                      W0066     NAR           HURDE
        SUSAEAENRT   OBEYS K70    C     N28103031W080175641                      W0065     NAR           OBEYS
        SUSAEAENRT   STOOP K70    C   L N27151110W080075277                      W0065     NAR           STOOP
        SUSAEAENRT   TUXXI K70    C     N27190471W080081118                      W0065     NAR           TUXXI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLNAK7ALNA     0     034YHN26353500W080050623W006000014         1800018000C    MNAR    PALM BEACH COUNTY PARK

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLNAK7ETUXXI21OMN   010OMN  K7D 0V       IF                                                  18000
        SUSAP KLNAK7ETUXXI21OMN   020FILBEK7EA0E       TF                     14740427
        SUSAP KLNAK7ETUXXI21OMN   030OBEYSK7EA0E       TF                     14740373
        SUSAP KLNAK7ETUXXI21OMN   040HURDEK7EA0E  H    TF                     14740106
        SUSAP KLNAK7ETUXXI21OMN   050TUXXIK7EA0E  H    TF                     17900424
        SUSAP KLNAK7ETUXXI21OMN   060STOOPK7EA0EE      TF                     17900039
        SUSAP KLNAK7ETUXXI21TRV   010TRV  K7D 0V       IF                                                  18000
        SUSAP KLNAK7ETUXXI21TRV   020TUXXIK7EA0E  H    TF                     14580286
        SUSAP KLNAK7ETUXXI21TRV   030STOOPK7EA0EE      TF                     17900039
        SUSAP KLNAK7ETUXXI22ALL   010STOOPK7EA0E       IF                                                  18000
        SUSAP KLNAK7ETUXXI22ALL   020KLNA K7PA0AE      VM                     1600

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
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        SUSAP KLNAK7GRW09    0034890980 N26352873W080052751+0000    -0022300012000045075V
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(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
TUXXI	TWO	TUXXI.TUXXI2	ONE	10/27/2005	20 SEP 2012

FAA Form 7100-3 (9/02)

```
SUSAP KLNAK7GRW15    0034211580 N26355389W080050744+0000    -0021900014000043100V
SUSAP KLNAK7GRW21    0032562180 N26355178W080050255+0000    -0021900014000044075V
SUSAP KLNAK7GRW27    0034892780 N26352755W080044910+0000    -0022300013000045075V
SUSAP KLNAK7GRW33    0034213380 N26352398W080044973+0000    -0022200013000044100V
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
TUXXI	TWO	TUXXI.TUXXI2	ONE	10/27/2005	20 SEP 2012

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	OMN	OMN	010		IF		FB					
	OMN	FILBE	020		TF		FB		147.4()	042.7		
	OMN	OBEYS	030		TF		FB		147.4()	037.3		
	OMN	HURDE	040		TF		FB		147.4()	010.6		
	OMN	TUXXI	050		TF		FB		179.0()	042.4		
	OMN	STOOP	060		TF		FB		179.0()	003.9		
	TRV	TRV	010		IF		FB					
	TRV	TUXXI	020		TF		FB		145.8()	028.6		
	TRV	STOOP	030		TF		FB		179.0()	003.9		
	ALL	STOOP	010		IF		FB					
	ALL	KLNA	020		VM		FB		160.0()			

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
OMN	N291811.77	W0810645.61	N2918.196	W08106.760
TRV	N274042.33	W0802923.01	N2740.706	W08029.384
FILBE	N284208.24	W0804035.83	N2842.137	W08040.597
HURDE	N280130.82	W0801132.93	N2801.514	W08011.549
OBEYS	N281030.31	W0801756.41	N2810.505	W08017.940
STOOP	N271511.10	W0800752.77	N2715.185	W08007.880
TUXXI	N271904.71	W0800811.18	N2719.079	W08008.186
RW03	N263524.42	W0800521.55	N2635.407	W08005.359
RW09	N263528.73	W0800527.51	N2635.479	W08005.459
RW15	N263553.89	W0800507.44	N2635.898	W08005.124
RW21	N263551.78	W0800502.55	N2635.863	W08005.043
RW27	N263527.55	W0800449.10	N2635.459	W08004.818
RW33	N263523.98	W0800449.73	N2635.400	W08004.829

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW03	00013	41
RW09	00012	45
RW15	00014	43
RW21	00014	44
RW27	00013	45
RW33	00013	44

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
TUXXI	TWO	TUXXI.TUXXI2	ONE	10/27/2005	20 SEP 2012

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

ARINC PACKET - 424-18 - STAR

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        OMN   K7011260VTH  N29181177W081064561    N29181177W081064561E0000000242     NARORMOND BEACH
        SUSAD        TRV   K7011730VTHA N27404233W080292301    N27404233W080292301W0070000112     NARTREASURE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FILBE K70    C     N28420824W080403583                      W0064     NAR           FILBE
        SUSAEAENRT   HURDE K70    C     N28013082W080113293                      W0066     NAR           HURDE
        SUSAEAENRT   OBEYS K70    C     N28103031W080175641                      W0065     NAR           OBEYS
        SUSAEAENRT   STOOP K70    C   L N27151110W080075277                      W0065     NAR           STOOP
        SUSAEAENRT   TUXXI K70    C     N27190471W080081118                      W0065     NAR           TUXXI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBCTK7ABCT     0     062YHN26224260W080062770W005000013         1800018000C    MNAR    BOCA RATON

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBCTK7ETUXXI21OMN   010OMN  K7D 0V       IF                                                  18000
        SUSAP KBCTK7ETUXXI21OMN   020FILBEK7EA0E       TF                     14740427
        SUSAP KBCTK7ETUXXI21OMN   030OBEYSK7EA0E       TF                     14740373
        SUSAP KBCTK7ETUXXI21OMN   040HURDEK7EA0E  H    TF                     14740106
        SUSAP KBCTK7ETUXXI21OMN   050TUXXIK7EA0E  H    TF                     17900424
        SUSAP KBCTK7ETUXXI21OMN   060STOOPK7EA0EE      TF                     17900039
        SUSAP KBCTK7ETUXXI21TRV   010TRV  K7D 0V       IF                                                  18000
        SUSAP KBCTK7ETUXXI21TRV   020TUXXIK7EA0E  H    TF                     14580286
        SUSAP KBCTK7ETUXXI21TRV   030STOOPK7EA0EE      TF                     17900039
        SUSAP KBCTK7ETUXXI22ALL   010STOOPK7EA0E       IF                                                  18000
        SUSAP KBCTK7ETUXXI22ALL   020KBCT K7PA0AE      VM                     1600

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBCTK7GRW05    0062760494 N26222525W080064648+0000    -0022400012069640150R
        SUSAP KBCTK7GRW23    0062762293 N26230209W080060650+0000    -0022100013037840150R
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
TUXXI	TWO	TUXXI.TUXXI2	ONE	10/27/2005	20 SEP 2012

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	OMN	OMN	010		IF		FB					
	OMN	FILBE	020		TF		FB		147.4()	042.7		
	OMN	OBEYS	030		TF		FB		147.4()	037.3		
	OMN	HURDE	040		TF		FB		147.4()	010.6		
	OMN	TUXXI	050		TF		FB		179.0()	042.4		
	OMN	STOOP	060		TF		FB		179.0()	003.9		
	TRV	TRV	010		IF		FB					
	TRV	TUXXI	020		TF		FB		145.8()	028.6		
	TRV	STOOP	030		TF		FB		179.0()	003.9		
	ALL	STOOP	010		IF		FB					
	ALL	KBCT	020		VM		FB		160.0()			

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
OMN	N291811.77	W0810645.61	N2918.196	W08106.760
TRV	N274042.33	W0802923.01	N2740.706	W08029.384
FILBE	N284208.24	W0804035.83	N2842.137	W08040.597
HURDE	N280130.82	W0801132.93	N2801.514	W08011.549
OBEYS	N281030.31	W0801756.41	N2810.505	W08017.940
STOOP	N271511.10	W0800752.77	N2715.185	W08007.880
TUXXI	N271904.71	W0800811.18	N2719.079	W08008.186
RW05	N262225.25	W0800646.48	N2622.421	W08006.775
RW23	N262302.09	W0800606.50	N2623.035	W08006.108

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW05	00012	40
RW23	00013	40

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
TUXXI	TWO	TUXXI.TUXXI2	ONE	10/27/2005	20 SEP 2012

FAA Form 7100-3 (9/02)

RADIO FIX AND HOLDING DATA RECORD

NAME: ORMOND BEACH VORTAC **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 291811.71N/0810645.71W **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	ORMOND BEACH	OMN	VORTAC	H							45000

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	NW	OMN	VORTAC	336.00	156.00	L	1		1600	6000	4	5
2	SE	OMN	VORTAC	154.00	334.00	L	1		1600	6000	4	5
3	N	OMN	VORTAC	342.00	162.00	R	1		1600	6000	4	5
4	N	OMN	VORTAC	356.00	176.00	L	1-1 1/2		6000	45000	7	29
5	N		WP	001.00	181.00	L		5	6000	18000	6	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-002625)	291529.00N/0810745.00W	378	5D
2	200	TOWER (12-003334)	291411.52N/0810421.49W	381	2C
3	200	TOWER (12-002625)	291529.00N/0810745.00W	378	5D
4	230	TOWER (12-003334)	291411.52N/0810421.49W	381	2C
5	200	TOWER (12-003334)	291411.52N/0810421.49W	381	2C

REASON FOR NONSTANDARD HOLDING:
PAT 4 ATC REQUEST
PAT 1 ZJX REQUEST
PAT 5 ATC REQUESTED

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER W158A.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PENDING DATA COORDINATES 291811.77N/0810645.61W NOT UPDATED AT THIS TIME PER MANAGEMENT.

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	SAWGY			KJAX	JACKSONVILLE	FL (US)
DP	MELBOURNE			KMLB	MELBOURNE	FL (US)
DP	CITRUS			KMCO	ORLANDO	FL (US)
DP	JAGUAR			KMCO	ORLANDO	FL (US)
DP	JEEMY			KMCO	ORLANDO	FL (US)
DP	MCCOY			KMCO	ORLANDO	FL (US)
DP	ORLANDO			KMCO	ORLANDO	FL (US)
DP	SANFORD			KSFB	ORLANDO	FL (US)
EN ROUTE	J45					(US)
EN ROUTE	J79					(US)
EN ROUTE	J79-103					(US)
EN ROUTE	T207-208					(US)
EN ROUTE	V152-437					(US)
EN ROUTE	V3					(US)
EN ROUTE	V3-533					(US)
EN ROUTE	V437					(US)
EN ROUTE	V51					(US)
IAP	ILS OR LOC RWY 25R			KDAB	DAYTONA BEACH	FL (US)
IAP	ILS OR LOC RWY 7L			KDAB	DAYTONA BEACH	FL (US)
IAP	RNAV (GPS) RWY 16			KDAB	DAYTONA BEACH	FL (US)
IAP	RNAV (GPS) RWY 25L			KDAB	DAYTONA BEACH	FL (US)
IAP	RNAV (GPS) RWY 7L			KDAB	DAYTONA BEACH	FL (US)
IAP	RNAV (GPS) RWY 7R			KDAB	DAYTONA BEACH	FL (US)
IAP	VOR RWY 16			KDAB	DAYTONA BEACH	FL (US)
IAP	RNAV (GPS) RWY 23			KDED	DELAND	FL (US)
IAP	VOR/DME RWY 23		1	KDED	DELAND	FL (US)
IAP	NDB RWY 29			KEVB	NEW SMYRNA BEACH	FL (US)
IAP	RNAV (GPS) RWY 25			KEVB	NEW SMYRNA BEACH	FL (US)
IAP	RNAV (GPS) RWY 29			KEVB	NEW SMYRNA BEACH	FL (US)
IAP	NDB OR GPS RWY 18			KX50	NEW SMYRNA BEACH	FL (US)
IAP	ILS OR LOC RWY 35L			KMCO	ORLANDO	FL (US)
IAP	ILS RWY 35L (CAT II)			KMCO	ORLANDO	FL (US)
IAP	ILS RWY 35L (CAT III)			KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 27			KSFB	ORLANDO	FL (US)

4

IAP	ILS OR LOC RWY 9L		KSFB	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 9R		KSFB	ORLANDO	FL (US)
IAP	NDB-C		KSFB	ORLANDO	FL (US)
IAP	VOR RWY 17	3	KOMN	ORMOND BEACH	FL (US)
IAP	RNAV (GPS) RWY 11		KXFL	PALM COAST	FL (US)
IAP	RNAV (GPS) RWY 24		KXFL	PALM COAST	FL (US)
IAP	RNAV (GPS) RWY 29		KXFL	PALM COAST	FL (US)
IAP	RNAV (GPS) RWY 6		KXFL	PALM COAST	FL (US)
IAP	VOR-A	2	KXFL	PALM COAST	FL (US)
IAP	ILS RWY 31		KSGJ	ST AUGUSTINE	FL (US)
IAP	RNAV (GPS) RWY 31		KSGJ	ST AUGUSTINE	FL (US)
IAP	VOR RWY 13		KSGJ	ST AUGUSTINE	FL (US)
IAP	VOR RWY 31		KSGJ	ST AUGUSTINE	FL (US)
IAP	GPS RWY 15		KX21	TITUSVILLE	FL (US)
STAR	CAYSL (RNAV)		KBCT	BOCA RATON	FL (US)
STAR	FISEL (RNAV)		KFLL	FORT LAUDERDALE	FL (US)
STAR	GISSH		KFLL	FORT LAUDERDALE	FL (US)
STAR	SHFTY (RNAV)		KFMY	FORT MYERS	FL (US)
STAR	ANNEY		KHST	HOMESTEAD	FL (US)
STAR	HILEY (RNAV)		KHST	HOMESTEAD	FL (US)
STAR	ANNEY		KX51	HOMESTEAD	FL (US)
STAR	HILEY (RNAV)		KX51	HOMESTEAD	FL (US)
STAR	POGIE		KJAX	JACKSONVILLE	FL (US)
STAR	FRWAY (RNAV)		K06FA	JUPITER	FL (US)
STAR	ANNEY		K07FA	KEY LARGO	FL (US)
STAR	HILEY (RNAV)		K07FA	KEY LARGO	FL (US)
STAR	ANNEY		KMIA	MIAMI	FL (US)
STAR	HILEY RNAV		KMIA	MIAMI	FL (US)
STAR	ANNEY		KTMB	MIAMI	FL (US)
STAR	HILEY (RNAV)		KTMB	MIAMI	FL (US)
STAR	BITHO	4	KMCO	ORLANDO	FL (US)
STAR	BUGGZ (RNAV)		KMCO	ORLANDO	FL (US)
STAR	CWRLD	5	KMCO	ORLANDO	FL (US)
STAR	FATHE		KMCO	ORLANDO	FL (US)
STAR	GUASP		KMCO	ORLANDO	FL (US)
STAR	LEESE		KMCO	ORLANDO	FL (US)
STAR	PIGLT (RNAV)		KMCO	ORLANDO	FL (US)
STAR	CORLL		KSFB	ORLANDO	FL (US)
STAR	FRWAY (RNAV)		KF45	WEST PALM BEACH	FL (US)
STAR	FRWAY (RNAV)		KPBI	WEST PALM BEACH	FL (US)
STAR	TUXXI		KPBI	WEST PALM BEACH	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
1. ADDED REMARK, PRECIPITOUS TERRAIN EVALUATION COMPLETED.
2. MOVED REMARK, HOLDING LIMITED TO ESTABLISHED PATTERNS, TO HOLDING RESTRICTIONS.
3. ADDED REMARK, PENDING DATA COORDINATES 291811.77N/0810645.61W NOT UPDATED AT THIS TIME PER MANAGEMENT.

DEVELOPED BY: **DATE:** 03/28/2012 **OFFICE:** AJV-352 **NAME:** DAVID SAUER

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZJX
ATC FACILITY: ZMA ARTCC
OTHER:

QUALITY CHECKED 4

RADIO FIX AND HOLDING DATA RECORD

NAME: STOOP **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 271511.10N/0800752.77W **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	PALM BEACH	PBI	VORTAC	H	359.00	356.00	34.37	34.37		3000	17500
2	PAHOKEE	PHK	VORTAC	H	046.72	046.72		41.14		2000	17500
3	TREASURE	TRV	VORTAC	H	149.99	142.99	31.84	31.84		2000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
PHK	VORTAC	R-047	42	2000	14600

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

REMARKS:
TREASURE (FAC 3) AND PALM BEACH (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V295	1, 2, 3				FL (US)
EN ROUTE	V492	1, 2, 3				FL (US)
EN ROUTE	V537	1, 2, 3				FL (US)
IAP	RNAV (GPS) RWY 30			KSUA	STUART	FL (US)
STAR	CAYSL (RNAV)			KBCT	BOCA RATON	FL (US)
STAR	FRWAY (RNAV)			K06FA	JUPITER	FL (US)
STAR	FRWAY (RNAV)			KF45	WEST PALM BEACH	FL (US)
STAR	FRWAY (RNAV)			KPBI	WEST PALM BEACH	FL (US)
STAR	TUXXI			KPBI	WEST PALM BEACH	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
FAC 3 IDENT (VRB) CHANGED TO TRV.
UPDATED REMARKS.

DEVELOPED BY: **DATE:** 03/29/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY: PBI APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 274042.33N/0802923.01W **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	FEET	MRA	MAA
1	TREASURE	TRV	VORTAC	H							45000

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	N	TRV	VORTAC	347.04	167.04	L	1-1 1/2		10000	24000	4	19
2	N	TRV	VORTAC	348.00	168.00	R	1-1 1/2		2000	24000	4	19
3	NW	TRV	VORTAC	336.95	156.95	R		4	2000	6000	4	5
4	N		WP	351.09	171.09	L		8	13000	45000	12	31
5	NW	TRV	VORTAC	303.00	123.00	R	1		2000	6000	4	5
6	N		WP	348.10	168.10	L		10	10000	16000	15	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-002803)	274408.00N/0802726.00W	524	5D
2	200	TOWER (12-002803)	274408.00N/0802726.00W	524	5D
3	200	TOWER (12-002803)	274408.00N/0802726.00W	524	5D
4	230	TOWER (12-002803)	274408.00N/0802726.00W	524	5D
5	200	TOWER (12-003485)	274431.00N/0803923.00W	398	5D
6	230	TOWER (12-002803)	274408.00N/0802726.00W	524	5D

REASON FOR NONSTANDARD HOLDING:
PAT 4 AVOID ADJACENT AIRSPACE
PAT 6 ATC REQUEST
PAT 1 AVOID ADJACENT AIRSPACE

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRECIPITOUS TERRAIN EVAL COMPLETED.
PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER W-497B.
PAT 2 HOLDING ATC REQUEST.
PAT 5 ALTERNATE MISSED APPROACH HOLDING. (DO NOT CHART)

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	MELBOURNE			KMLB	MELBOURNE	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	PALM BEACH			KPBI	WEST PALM BEACH	FL (US)
EN ROUTE	BR62V					(US)
EN ROUTE	J45					(US)
EN ROUTE	J79					(US)
EN ROUTE	V159					(US)
EN ROUTE	V225					(US)
EN ROUTE	V295					(US)
EN ROUTE	V3					(US)
EN ROUTE	V51					(US)
EN ROUTE	V537					(US)
IAP	ILS OR LOC RWY 10R			KFPR	FORT PIERCE	FL (US)
IAP	NDB RWY 28L			KFPR	FORT PIERCE	FL (US)
IAP	NDB-A			KFPR	FORT PIERCE	FL (US)
IAP	RNAV (GPS) RWY 10R			KFPR	FORT PIERCE	FL (US)
IAP	RNAV (GPS) RWY 28L			KFPR	FORT PIERCE	FL (US)
IAP	VOR/DME RWY 14		3	KFPR	FORT PIERCE	FL (US)
IAP	ILS OR LOC RWY 09R			KMLB	MELBOURNE	FL (US)
IAP	LOC BC RWY 27L			KMLB	MELBOURNE	FL (US)
IAP	RNAV (GPS) RWY 09L			KMLB	MELBOURNE	FL (US)
IAP	RNAV (GPS) RWY 09R			KMLB	MELBOURNE	FL (US)
IAP	RNAV (GPS) RWY 27L			KMLB	MELBOURNE	FL (US)
IAP	RNAV (GPS) RWY 27R			KMLB	MELBOURNE	FL (US)
IAP	RNAV (GPS) RWY 14			KOBE	OKEECHOBEE	FL (US)
IAP	RNAV (GPS) RWY 23			KOBE	OKEECHOBEE	FL (US)
IAP	VOR RWY 11R			KVRB	VERO BEACH	FL (US)
IAP	VOR/DME RWY 29L		5	KVRB	VERO BEACH	FL (US)
STAR	CAYSL (RNAV)			KBCT	BOCA RATON	FL (US)

STAR	BLUFI		KFLL	FORT LAUDERDALE	FL (US)
STAR	FISEL (RNAV)		KFLL	FORT LAUDERDALE	FL (US)
STAR	GISSH		KFLL	FORT LAUDERDALE	FL (US)
STAR	ANNEY	1	KHST	HOMESTEAD	FL (US)
STAR	HILEY (RNAV)	6	KHST	HOMESTEAD	FL (US)
STAR	ANNEY	1	KX51	HOMESTEAD	FL (US)
STAR	HILEY (RNAV)	6	KX51	HOMESTEAD	FL (US)
STAR	FRWAY (RNAV)		K06FA	JUPITER	FL (US)
STAR	ANNEY	1	K07FA	KEY LARGO	FL (US)
STAR	HILEY (RNAV)	6	K07FA	KEY LARGO	FL (US)
STAR	ANNEY	1	KMIA	MIAMI	FL (US)
STAR	HILEY (RNAV)	6	KMIA	MIAMI	FL (US)
STAR	LONNI (RNAV)	4	KMIA	MIAMI	FL (US)
STAR	ANNEY	1	KTMB	MIAMI	FL (US)
STAR	HILEY (RNAV)	6	KTMB	MIAMI	FL (US)
STAR	BAIRN (RNAV)		KMCO	ORLANDO	FL (US)
STAR	CWRLD (RNAV)		KMCO	ORLANDO	FL (US)
STAR	GOOFY		KMCO	ORLANDO	FL (US)
STAR	FRWAY (RNAV)		KF45	WEST PALM BEACH	FL (US)
STAR	FRWAY (RNAV)		KPBI	WEST PALM BEACH	FL (US)
STAR	TUXXI		KPBI	WEST PALM BEACH	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
FIX NAME CHANGED FROM VERO BEACH VORTAC TO TREASURE VORTAC.
CHANGED HOLD PATTERN 3 MAX TEMPLATE FROM 16 TO 5; CHANGED LEG LENGTH FROM TIME TO DME.
CHANGED INBOUND COURSE TO PAT 2, 3, 4, 5, 6, ADDED 3 DEGREES FOR MAGVAR CHANGE.
CHANGED HOLD PAT 1 INBOUND COURSE FROM 165 TO 167.04 AND MIN ALTITUDE TO 10000.

DEVELOPED BY: **DATE:** 03/16/2012 **OFFICE:** AJV-352 **NAME:** STEVE BRUMMETT

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZMA
ATC FACILITY: VRB ATCT
OTHER: DAB APP CON/MLB TWR

RADIO FIX AND HOLDING DATA RECORD

NAME: FILBE **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 284208.24N/0804035.83W **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	ORMOND BEACH	OMN	VORTAC	H	147.36	147.36	42.66	42.66		24000	45000

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

REMARKS:
ORMOND BEACH (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	CAYSL (RNAV)			KBCT	BOCA RATON	FL (US)
STAR	FRWAY (RNAV)			K06FA	JUPITER	FL (US)
STAR	FRWAY (RNAV)			KF45	WEST PALM BEACH	FL (US)
STAR	FRWAY (RNAV)			KPBI	WEST PALM BEACH	FL (US)
STAR	TUXXI	1		KPBI	WEST PALM BEACH	FL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 02/09/2012

REASON FOR REVISION:
1. DELETED FAC 2, OBEYS.
2. ADDED FAC 1 DIST FROM FAC IN NM.

DEVELOPED BY: **DATE:** 08/17/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (DAVID SAUER)

APPROVED BY: **DATE:** 12/27/2011 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY:
OTHER:

QUALITY 4 CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: HURDE **STATE:** OA **COUNTRY:** US

LATITUDE/LONGITUDE: 280130.82N/0801132.93W **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	ORMOND BEACH	OMN	VORTAC	H	147.36	147.36	90.60	90.60		24000	45000
2	PALM BEACH	PBI	VORTAC	H	359.00	356.00	80.68	80.68		10000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
PBI	VORTAC	R-359	81	10000	45000

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	N	PBI	VORTAC	359.00	179.00	L		6	10000	45000	11	31
2	N		WP	001.97	181.97	L		8	18000	45000	17	30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	SHIP	280130.82N/0801132.93W	208	2C
2	265	SHIP	280130.82N/0801132.93W	208	2C

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

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
ORMOND BEACH (FAC 1) USED TO ESTABLISH FIX COORDINATES
PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER W497B.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	CAYSL (RNAV)			KBCT	BOCA RATON	FL (US)
STAR	FRWAY (RNAV)		2	K06FA	JUPITER	FL (US)
STAR	FRWAY (RNAV)		2	KF45	WEST PALM BEACH	FL (US)
STAR	FRWAY (RNAV)		2	KPBI	WEST PALM BEACH	FL (US)
STAR	TUXXI	1, 2	1	KPBI	WEST PALM BEACH	FL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 02/09/2012

REASON FOR REVISION:
1. DELETED FAC 3, TUXXI.
2. ADDED FAC 1 AND 2 DIST FROM FAC IN NM.
3. ADDED PAT 2.
4. CHANGED PAT 1 CONTROLLING OBSTRUCTION FROM 200' AAO TO 208' SHIP.
5. ADDED REMARK, PRECIPITOUS TERRAIN EVALUATION COMPLETED.
6. MOVED REMARK, HOLDING LIMITED TO ESTABLISHED PATTERN, TO HOLDING RESTRICTIONS.
7. UPDATED ESV FORMAT.

DEVELOPED BY: **DATE:** 08/18/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (DAVID SAUER)

APPROVED BY: **DATE:** 12/27/2011 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZMA
ATC FACILITY: PBI APP CON
OTHER:

QUALITY 4 CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: OBEYS **STATE:** OA **COUNTRY:** US

LATITUDE/LONGITUDE: 281030.31N/0801756.41W **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	ORMOND BEACH	OMN	VORTAC	H	147.36	147.36	80.00	80.00		24000	45000

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

REMARKS:
ORMOND BEACH (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	CAYSL (RNAV)			KBCT	BOCA RATON	FL (US)
STAR	FRWAY (RANV)			K06FA	JUPITER	FL (US)
STAR	FRWAY (RANV)			KF45	WEST PALM BEACH	FL (US)
STAR	FRWAY (RNAV)			KPBI	WEST PALM BEACH	FL (US)
STAR	TUXXI	1		KPBI	WEST PALM BEACH	FL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 02/09/2012

REASON FOR REVISION:
1. DELETED FAC 2, HURDE.
2. ADDED FAC 1 DIST FROM FAC IN NM.

DEVELOPED BY: **DATE:** 08/17/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (DAVID SAUER)

APPROVED BY: **DATE:** 12/27/2011 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY: PWM APP CON
OTHER:

QUALITY 4 CHECKED

INFO ONLY

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 264657.87N/0804129.16W **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	FEET	MRA	MAA
1	PAHOKEE	PHK	VORTAC	H							45000

FIX RESTRICTIONS:
SPECIAL ILS OR LOC/DME RWY 9, K06FA, JUPITER, FL

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	S	PHK	VORTAC	182.15	002.15	R	1		1800	5000	5	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	265	TOWER (12-001705)	264236.00N/0805359.00W	611	5D
1	230	TOWER (12-003734)	263955.74N/0803837.45W	491	1A

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 2000.

REMARKS:
PRECIPITOUS TERRAIN EVAL COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ALICO			KRSW	FORT MYERS	FL (US)
DP	SCUBY			KRSW	FORT MYERS	FL (US)
DP	MIAMI			KHWO	HOLLYWOOD	FL (US)
DP	MELBOURNE			KMLB	MELBOURNE	FL (US)
DP	MIAMI			KMIA	MIAMI	FL (US)
DP	POTTR			KMIA	MIAMI	FL (US)
DP	MIAMI			KOPF	MIAMI	FL (US)
DP	MIAMI			KTMB	MIAMI	FL (US)
DP	NAPLES			KAPF	NAPLES	FL (US)
DP	CITRUS			KMCO	ORLANDO	FL (US)
DP	ORLANDO			KMCO	ORLANDO	FL (US)
DP	SANFORD			KSFB	ORLANDO	FL (US)
DP	ST. PETE			KPIE	ST PETERSBURG-CLEARWATER	FL (US)
DP	TAMPA			KTPA	TAMPA	FL (US)
DP	PALM BEACH			KPBI	WEST PALM BEACH	FL (US)
EN ROUTE	J53					FL (US)
EN ROUTE	J81					FL (US)
EN ROUTE	V267					FL (US)
EN ROUTE	V437					FL (US)
EN ROUTE	V492					FL (US)
EN ROUTE	V51					FL (US)
EN ROUTE	V601					FL (US)
IAP	ILS OR LOC RWY 10R			KFPR	FORT PIERCE	FL (US)
IAP	ILS OR LOC/DME RWY 9		1	K06FA	JUPITER	FL (US)
IAP	RNAV (GPS) RWY 32			KOBE	OKEECHOBEE	FL (US)
IAP	RNAV (GPS) RWY 17			KPHK	PAHOKEE	FL (US)
IAP	RNAV (GPS) RWY 35			KPHK	PAHOKEE	FL (US)
IAP	VOR/DME-A			KPHK	PAHOKEE	FL (US)
IAP	RNAV (GPS) RWY 12			KSUA	STUART	FL (US)
IAP	ILS OR LOC RWY 8R			KF45	WEST PALM BEACH	FL (US)
IAP	RNAV (GPS) RWY 13			KF45	WEST PALM BEACH	FL (US)
IAP	RNAV (GPS) RWY 8R			KF45	WEST PALM BEACH	FL (US)
IAP	VOR RWY 8R			KF45	WEST PALM BEACH	FL (US)
IAP	VOR OR GPS RWY 15			KLNA	WEST PALM BEACH	FL (US)
IAP	ILS OR LOC RWY 10L			KPBI	WEST PALM BEACH	FL (US)
IAP	ILS OR LOC RWY 28R			KPBI	WEST PALM BEACH	FL (US)
STAR	BRDGE			KCLW	CLEARWATER	FL (US)
STAR	FORTL			KFLL	FORT LAUDERDALE	FL (US)
STAR	CYPRESS			KMIA	MIAMI	FL (US)
STAR	CYPRESS			KMIA	MIAMI	FL (US)
STAR	SSCOT (RNAV)			KMIA	MIAMI	FL (US)
STAR	BAIRN			KMCO	ORLANDO	FL (US)
STAR	GOOFY			KMCO	ORLANDO	FL (US)
STAR	BRDGE			KSPG	ST PETERSBURG	FL (US)
STAR	BRDGE			KPIE	ST PETERSBURG-CLEARWATER	FL (US)
STAR	BRDGE			KMCF	TAMPA	FL (US)
STAR	BRDGE			KTPA	TAMPA	FL (US)

STAR	DEAKK (RNAV)	KTPA	TAMPA	FL (US)
STAR	BRDGE	KTPF	TAMPA	FL (US)
STAR	BRDGE	KVDF	TAMPA	FL (US)
STAR	TUXXI	KPBI	WEST PALM BEACH	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 04/08/2010

REASON FOR REVISION:
UPDATED UPN HOLDING OBS.
MOVED HOLDING REMARKS TO HOLDING RESTRICTIONS.
ADDED PRECIPITOUS TERRAIN REMARK.

DEVELOPED BY: **DATE:** 12/21/2009 **OFFICE:** AVN-110 **NAME:** PETER GETZ (ROBERT HAMILTON)

APPROVED BY: **DATE:** 02/09/2010 **OFFICE:** AVN-110 **NAME:** PETER GETZ

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY: PBI APP CON
OTHER:

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: PALM BEACH VORTAC **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 264048.19N/0800511.42W **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	FEET	MRA	MAA
1	PALM BEACH	PBI	VORTAC	H							45000

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	E	PBI	VORTAC	090.00	270.00	R	1		2000	10000	4	9
2	N	PBI	VORTAC	006.57	186.57	R	1		2000	10000	4	9
3	N	PBI	VORTAC	343.24	163.24	L	1-1 1/2		13000	45000	10	29
4	N		WP	345.19	165.19	L		10	5000	14000	10	12

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (12-004716)	263521.00N/0801243.00W	1349	5D
1	200	TOWER (12-002718)	264427.00N/0800743.00W	457	5D
2	200	TOWER (12-002502)	264759.72N/0800431.74W	544	1A
3	230	TOWER (12-002502)	264759.72N/0800431.74W	544	1A
4	200	TOWER (12-002502)	264759.72N/0800431.74W	544	1A

REASON FOR NONSTANDARD HOLDING:
PAT 3 AIR TRAFFIC
PAT 4 AIR TRAFFIC

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3000.
PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER (PAT 3 FL300) (UNPLAN FL180) OVER W-497.

REMARKS:
PAT 1 HOLDING ATC REQUEST.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	FT. LAUDERDALE			KFLL	FORT LAUDERDALE	FL (US)
DP	PREDA (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
DP	FT. LAUDERDALE			KFXE	FORT LAUDERDALE	FL (US)
DP	MIAMI			KHWO	HOLLYWOOD	FL (US)
DP	MELBOURNE			KMLB	MELBOURNE	FL (US)
DP	MIAMI			KMIA	MIAMI	FL (US)
DP	POTTER			KMIA	MIAMI	FL (US)
DP	MIAMI			KOPF	MIAMI	FL (US)
DP	MIAMI			KTMB	MIAMI	FL (US)
DP	CITRUS			KMCO	ORLANDO	FL (US)
DP	ORLANDO			KMCO	ORLANDO	FL (US)
DP	SANFORD			KSFB	ORLANDO	FL (US)
DP	FT. LAUDERDALE			KPMP	POMPANO BEACH	FL (US)
DP	PALM BEACH			KPBI	WEST PALM BEACH	FL (US)
EN ROUTE	A699					(US)
EN ROUTE	BR21V					(US)
EN ROUTE	BR54V					(US)
EN ROUTE	BR55V					(US)
EN ROUTE	BR63V					(US)
EN ROUTE	BR69V					(US)
EN ROUTE	J79					(US)
EN ROUTE	V3					(US)
EN ROUTE	V492					(US)
EN ROUTE	V531					(US)
EN ROUTE	V537					(US)
IAP	RNAV (GPS) RWY 23			KBCT	BOCA RATON	FL (US)
IAP	VOR/DME-A		2	KBCT	BOCA RATON	FL (US)
IAP	BAHMA (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
IAP	ILS OR LOC RWY 27R			KFLL	FORT LAUDERDALE	FL (US)
IAP	ILS OR LOC RWY 9L			KFLL	FORT LAUDERDALE	FL (US)
IAP	LOC/DME RWY 13			KFLL	FORT LAUDERDALE	FL (US)
IAP	ZAPPA (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
IAP	ILS OR LOC/DME RWY 9 (SPECIAL)			K06FA	JUPITER	FL (US)
IAP	RNAV (GPS) RWY 30			KSUA	STUART	FL (US)
IAP	ILS RWY 8R			KF45	WEST PALM BEACH	FL (US)
IAP	VOR RWY 8R			KF45	WEST PALM BEACH	FL (US)

QUALITY CHECKED 4

IAP	VOR OR GPS RWY 15		KLNA	WEST PALM BEACH	FL (US)
IAP	ILS OR LOC RWY 10L		KPBI	WEST PALM BEACH	FL (US)
IAP	ILS OR LOC RWY 28R		KPBI	WEST PALM BEACH	FL (US)
IAP	RNAV (GPS) Y RWY 10L		KPBI	WEST PALM BEACH	FL (US)
IAP	RNAV (GPS) Y RWY 14		KPBI	WEST PALM BEACH	FL (US)
IAP	RNAV (GPS) Y RWY 28R		KPBI	WEST PALM BEACH	FL (US)
IAP	RNAV (GPS) Y RWY 32		KPBI	WEST PALM BEACH	FL (US)
IAP	VOR RWY 10L		KPBI	WEST PALM BEACH	FL (US)
IAP	VOR RWY 14		KPBI	WEST PALM BEACH	FL (US)
IAP	VOR RWY 28R		KPBI	WEST PALM BEACH	FL (US)
IAP	VOR RWY 32		KPBI	WEST PALM BEACH	FL (US)
IAP	WLACE (RNAV)		KPBI	WEST PALM BEACH	FL (US)
STAR	CAYSL (RNAV)		KBCT	BOCA RATON	FL (US)
STAR	PRRIE (RNAV)		KBCT	BOCA RATON	FL (US)
STAR	TUXXI (RNAV)		KBCT	BOCA RATON	FL (US)
STAR	BLUFI		KFLL	FORT LAUDERDALE	FL (US)
STAR	ANNEY	3	KHST	HOMESTEAD	FL (US)
STAR	HILEY (RNAV)	4	KHST	HOMESTEAD	FL (US)
STAR	ANNEY	3	KX51	HOMESTEAD	FL (US)
STAR	HILEY (RNAV)	4	KX51	HOMESTEAD	FL (US)
STAR	FRWAY (RNAV)		K06FA	JUPITER	FL (US)
STAR	ANNEY	3	K07FA	KEY LARGO	FL (US)
STAR	HILEY (RNAV)	4	K07FA	KEY LARGO	FL (US)
STAR	ANNEY	3	KMIA	MIAMI	FL (US)
STAR	CYPRESS		KMIA	MIAMI	FL (US)
STAR	HILEY (RNAV)	4	KMIA	MIAMI	FL (US)
STAR	ANNEY	3	KTMB	MIAMI	FL (US)
STAR	HILEY (RNAV)	4	KTMB	MIAMI	FL (US)
STAR	BAIRN (RNAV)		KMCO	ORLANDO	FL (US)
STAR	FRWAY (RNAV)		KF45	WEST PALM BEACH	FL (US)
STAR	FRWAY (RNAV)		KPBI	WEST PALM BEACH	FL (US)
STAR	TUXXI		KPBI	WEST PALM BEACH	FL (US)

REQUIRED CHARTING: DP, STAR, IAP, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
1. UPDATED SURVEY DATA FOR PALM BEACH VORTAC, NEW LAT/LONGS MOVED THE FACILITY 2.02 FEET.
2. MODIFIED HOLD PAT 4 FROM 165.13 TO 163.19.
4. UPDATED FIX USE.

3/26/12. THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 2/14/12.
1. CHANGED PAT 4 CRS INBOUND FROM 163.19 TO 165.19.

DEVELOPED BY: **DATE:** 08/04/2011 **OFFICE:** AJV-352 **NAME:** STEVE BRUMMETT

APPROVED BY: **DATE:** 02/14/2012 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZMA
ATC FACILITY: PBI APP CON/ATCT, MIA APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: TUXXI **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 271904.71N/0800811.18W **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	PALM BEACH	PBI	VORTAC	H	359.00	356.00	38.26	38.26		10000	45000
2	TREASURE	TRV	VORTAC	H	145.76	138.76	28.64	28.64		10000	45000

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	N	PBI	VORTAC	359.00	179.00	R		8	10000	45000	11	31

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (12-002428)	271631.00N/0801710.00W	514	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PALM BEACH (FAC 1) USED TO ESTABLISH FIX COORDINATES
PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING WITHIN W497B.
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	FRWAY (RNAV)			KPBI	WEST PALM BEACH	FL (US)
STAR	TUXXI	1, 2	1	KPBI	WEST PALM BEACH	FL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
REMOVED FAC 3
UPDATED FIX USE
ADDED DIST FROM NM TO FAC TO FACS 1/2
ADDED PRECIP TERRAIN REMARK
UPDATED FAC 2 CRS FROM XXX.77 TO XXX.76
UPDATED CONTROLLING OBSTACLE ID

DEVELOPED BY: **DATE:** 03/27/2012 **OFFICE:** AJV-352 **NAME:** CHRISTOPHER COX

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
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ATC FACILITY:
OTHER:

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