Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 04/25/2012	Task #: 2009082417735803066	Request #: 20090824177358
Procedure: RNAV (GPS) Z RWY 32 AMDT 2B		Airport ID: KJAX	Airport: JACKSONVILLE INTL		Reimbursable #:
City: JACKSONVILLE	ST: FL	GPS #:		Estimated Chart Date: 01/10/2013	FICO #:
Fac ID:	Fac. Type: LPV	Specialist: DAVID SAUER			

LPV

Procedure Review

P1

	Rec'd	Rel'd	Full Name	Comments
Lead:	05/17/2012	10/01/2012	STEVEN SZUKALA	
QA:	10/01/2012	10/01/2012	STEVEN SZUKALA	
Liaison:	10/01/2012		Spurlin	REQUEST POSSIBLE TABLE TOP REVIEW

Procedure Comments:

Remark Type: INFORMATION

pg 6 of 8

JACKSONVILLE, FL JACKSONVILLE INTL (KJAX) RNAV (GPS) Z RWY 32, AMDT 2B (LPV) ENROUTE-NO FC: 11.27.12 PUB: 1.10.13

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): POTME, REV 4; (INFO ONLY) BUNDE-INT, REV 2; FIVOX, REV 2; OSBAJ, REV 2; YUSKU, ORIG.

CONTACT: DON SMITH/MARLON ROBINSON-AJV-352 LEADS, 405.954.1036 / 405.954.3636

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BUNDE (IAF)	POTME (FB)	348.24 / 17.63	2100
POTME (IF)	FIVOX (FB)	316.63 / 6.70	1700
FIVOX (FAF)	YUSKU/2.10 NM TO RW32 (FB)	316.58 / 3.01	
YUSKU/2.10 NM TO RW32	RW32 (MAP) (FO)	316.56 / 2.10	
RW32 (MAP)	336 MSL	316.56	
336 MSL	OSBAJ (FO)		2000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW32

CLIMB TO 2000 DIRECT OSBAJ AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT POTME
3. FAC: 316.58 FAF: FIVOX DIST FAF TO MAP: 5.11 THLD: 5.11
4. MIN. ALT: POTME 2100, FIVOX 1700, YUSKU/2.10 NM TO RW32 740*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1700 GS ALT AT: FIVOX 1700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR
8. MSA FROM: RW32 2700

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 136.44 INBOUND.
CHART FAS OBST: 129 TREE 302809N/0814038W
CHART: 442 STACK 302523N/0813627W
CHART MAYPORT LOW/HIGH MOA.
DISTANCE TO THLD FROM 312 HATH: 0.82 NM.
CHART VDP AT 0.89 MILES TO RW32*
*LNAV ONLY.
WAAS CHANNEL # 40199
REFERENCE PATH ID: W32A
LTP HAE: -21 M

MAG VAR: 6W EPOCH YEAR: 2010

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	336	1	312	336	1	312	336	1	312	336	1	312			
LNAV/VNAV DA	387	1 1/4	363	387	1 1/4	363	387	1 1/4	363	387	1 1/4	363			
LNAV MDA	380	1	356	380	1	356	380	1	356	380	1	356			
CIRCLING	520	1	491	520	1	491	520	1 1/2	491	640	2	611			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -5C (23F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BUNDE ON V51 SOUTHBOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 29 THRE: 24	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 32
JACKSONVILLE, FL	AIRPORT NAME: JACKSONVILLE INTL	RNAV	RNAV (GPS) Z RWY 32, AMDT 2B	AMDT: 2A
				DATED 04/05/2012

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		**CONCURRENT**

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
X		X	X	X	X	X **ZJX, KJAX APP CON, KJAX ATCT, KJAX AMGR, ANG**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: **DAVID SAUER**	FIFO **AJV-352**	DATE: **08/06/2012**
APPROVED BY		
NAME: **DARRYEL ADAMS** **MANAGER**	FIFO **AJV-352**	DATE:

CHANGES:

1. CHANGED PROCEDURE NAME FROM "RNAV (GPS) RWY 32" TO "RNAV (GPS) Z RWY 32".
2. CHANGED MISSED APPROACH AND HOLDING ALTITUDE FROM 2800 TO 2000.
3. CHANGED FAS DATA CRC.

REASONS:

1. ADDED RNP RWY 32 PROCEDURE.
2. MATCH HOLDING ON RNAV (GPS) Z RWY 14 AND ATC REQUEST.
3. RE-CALCULATED VALUE.

PDF EDITS:
1. 8260-3. TERMINAL ROUTES: ADDED (FAF) NEXT TO FIVOX, DELETED SDF ALTITUDE *740, CHANGED MISSED APPROACH 336 TO 2000.
2. 8260-10, ARINC: DELETED "020" FROM SEGMENTS HM LEG IN COLUMNS 45-47.
3. 8260-10, FLIGHT INSPECTION SUMMARY: DELETED "2.0" FROM MISSED APPROACH RNP.

EFFECTIVE CONCURRENT WITH: KJAX RNAV (RNP) Y RWY 32.

QUALITY 4 CHECKED

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KJAX
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	302842.2410N
LTP/FTP LONGITUDE	0814056.1330W
LTP/FTP ELLIPSOIDAL HEIGHT	-00210
FPAP LATITUDE	302940.2800N
FPAP LONGITUDE	0814214.5000W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0400
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	2F6CE083

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00073
FPAP ORTHOMETRIC HEIGHT	+00073

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 29 THRE: 24	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 32
JACKSONVILLE, FL	AIRPORT NAME: JACKSONVILLE INTL	RNAV	RNAV (GPS) Z RWY 32, AMDT 2B	AMDT: 2A DATED: 04/05/2012

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

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BUNDE K70    C   L N30041069W081242099                      W0062     NAR           BUNDE
        SUSAEAENRT   FIVOX K70    W     N30252257W081362685                      W0061     NAR           FIVOX
        SUSAEAENRT   OSBAJ K70    W     N30371193W081522585                      W0060     NAR           OSBAJ
        SUSAEAENRT   POTME K70    W     N30210033W081303397                      W0062     NAR           POTME
        SUSAEAENRT   YUSKU K70    W     N30272014W081390535                      W0061     NAR           YUSKU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJAXK7AJAX     0     100YHN30293860W081411630W006000029         1800018000C    MNAR    JACKSONVILLE INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJAXK7FR32-Z ABUNDE 010BUNDEK7EA0E  A    IF                                                18000                A JS
        SUSAP KJAXK7FR32-Z ABUNDE 020POTMEK7EA0EE B 010TF                      34820176    + 02100                                A JS
        SUSAP KJAXK7FR32-Z R      010POTMEK7EA0E  I    IF                                + 02100     18000                A JS
        SUSAP KJAXK7FR32-Z R      020FIVOXK7EA1E  F 051TF                      31660067    + 01700                 RW32  K7PGA JS
        SUSAP KJAXK7FR32-Z R      020FIVOXK7EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP KJAXK7FR32-Z R      021YUSKUK7EA0E S  031TF                      31660030    V 0074000742        -300             A JS
        SUSAP KJAXK7FR32-Z R      030RW32 K7PG0GY M 031TF                      31660021      00074             -300             A JS
        SUSAP KJAXK7FR32-Z R      040         0  M     CA                      3166        + 00336                            A JS
        SUSAP KJAXK7FR32-Z R      050OSBAJK7EA0EY      DF                                + 02000                            A JS
        SUSAP KJAXK7FR32-Z R      060OSBAJK7EA0EE  R   HM                      13640040    + 02000                            A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJAXK7GRW32    0077013165 N30284224W081405613+0000    -0021000024000050150R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJAXK7PR32-Z RW32 001Z0000W32A0N3028422410W08140561330-002100300N3029402800W08142145000106750400000500F4005002F6CE083
        SUSAP KJAXK7PR32-Z RW32 002E      +00073+00073LPV       40199

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJAXK7SRW32 K7PG                0   18018002725                                                                       M
```

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 29 THRE: 24	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 32
JACKSONVILLE, FL	AIRPORT NAME: JACKSONVILLE INTL	RNAV	RNAV (GPS) Z RWY 32, AMDT 2B	AMDT: 2A
				DATED: 04/05/2012

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

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BUNDE	BUNDE	010	IAF	IF		FB					
	BUNDE	POTME	020		TF		FB	1.0	348.2(342.2T)	017.6	AA 02100	
		POTME	010	FACF	IF		FB				AA 02100	
		FIVOX	020	FAF	TF		FB	0.5	316.6(310.6T)	006.7	AA 01700	
		YUSKU	021	SDF	TF		FB	0.3	316.6(310.6T)	003.0	AA 00740 GS 00742	
		RW32	030	MAP	TF		FO	0.3	316.6(310.6T)	002.1	AT 00074	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		316.6(310.6T)		AA 00336	
	OSBAJ	050		DF		FO				AA 02000	
	OSBAJ	060		HM	R	FO		136.4(130.4T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BUNDE	N300410.69	W0812420.99	N3004.178	W08124.350
	FIVOX	N302522.57	W0813626.85	N3025.376	W08136.448
	OSBAJ	N303711.93	W0815225.85	N3037.199	W08152.431
	POTME	N302100.33	W0813033.97	N3021.006	W08130.566
	YUSKU	N302720.14	W0813905.35	N3027.336	W08139.089
	RW32	N302842.24	W0814056.13	N3028.704	W08140.936

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW32	00024	50

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 29 THRE: 24	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 32
JACKSONVILLE, FL	AIRPORT NAME: JACKSONVILLE INTL	RNAV	RNAV (GPS) Z RWY 32, AMDT 2B	AMDT: 2A
				DATED: 04/05/2012

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	BUNDE	POTME	1. AAO	300551.00N/0812628.00W	369 (2C)	1000	AT731	2100
			2. TERRAIN	300545.00N/0812721.00W	112 (100)		AS1500	1600
INTERMEDIATE: LNAV	POTME	FIVOX	3. STACK (12-002017)	302552.00N/0813302.00W	660 (5D)	500	SA-126 AT666	1700
			4. TERRAIN	302212.00N/0813003.00W	92 (100)		AS1500	1600
FINAL: LPV	FIVOX	RW32				ASC	XP112	336/312
FINAL: LNAV/VNAV	FIVOX	RW32	5. TOWER (12-020471)	302738.94N/0814030.84W	120 (1A)	22.4:1		387/363
FINAL: LNAV	FIVOX	YUSKU/2.10 NM TO RW32	6. AAO	302556.72N/0813808.21W	249 (2C)	250	DG241	740
FINAL: LNAV STEPDOWN	YUSKU/2.10 NM TO RW32	RW32	7. TREE	302808.54N/0814037.54W	129 (2C)	250		380
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	DA / DA / RW32	OSBAJ				ASC		2000
			8. TOWER (12-000840)	303631.00N/0814955.00W	492 (5D)	1000		1500
ELEV:	122/226/280		9. TERRAIN	303630.00N/0815439.00W	92 (100)		AS1500	1600
			10. TANK (12-003074)	302936.00N/0814036.00W	202 (1B)	300		520
			10. TANK (12-003074)	302936.00N/0814036.00W	202 (1B)	300		520
			10. TANK (12-003074)	302936.00N/0814036.00W	202 (1B)	300		520
			11. TOWER (12-003375)	302924.85N/0813805.34W	286 (5D)	300	AC50	640

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	ACTUAL
CATEGORY A	1.3 NM	350	491
CATEGORY B	1.5 NM	450	491
CATEGORY C	1.7 NM	450	491
CATEGORY D	2.3 NM	550	611
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW32

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (13-001501)	358/ 20.7	1641 (5D)	2700					

QUALITY CHECKED

CITY AND STATE	ELEVATION: 29 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
JACKSONVILLE, FL	JACKSONVILLE INTL	RNAV	RNAV (GPS) Z RWY 32, AMDT 2B	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
JAX APP CON JAX TOWER	N W S	OTHER: ASOS	SOURCE: KJAX
	F A A		DISTANCE:
SATISFACTORY ON:	A / C		HOURS REMOTE OPERATION:
X V H F X U H F H F	LOCATION: KJAX		ADJUSTMENT: 0

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	
5. APPROACH & RUNWAY LIGHTING	X	ALSF-2 08
		(S) SALS
	X	MALSR 14, 26
	X	HIRL 08, 14, 26, 32
		MIRL
	X	REIL 32
	X	TDZ 08, 14, 26
	X	C/L 08, 14, 26, 32
	X	OTHER (SPECIFY) PAPI-4R 26 PAPI-4L 08, 14, 32
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 08, 14, 26, 32
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	08, 26
	MIDFIELD	
	ROLL OUT	08, 26
8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 24.0
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 50.0
9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD FT. FROM THRESHOLD
	X	ON CENTERLINE FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: DAVID SAUER	DATE: 08/06/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TERPS PARAGRAPH 289 APPLIED TO 442 STACK 302523N/0813627W

KJAX ASOS-3 IS ON SERVICE A, REDUNDANT WEATHER AVAILABLE INCLUDING NWS, BACK-UP WEATHER NOT REQUIRED.

VGSI DATA: 3.05/TCH 67.9.

NO ADDITIONAL AIRSPACE REQUIRED.

ORDER 8260.3, VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS:
34:1
121 TREE (KJAX0064) 302825.27N/0814023.32W (5.97)
115 TREE (KJAXA005) 302825.85N/0814023.37W (1.19)

PROCEDURE DESIGNED WITHOUT TAA PER ATC AND FPT; IF POTME TO BE USED AS TERMINATION POINT IN FUTURE STAR DEVELOPMENT.

LPV:
SURFACE 34:1

LNAV/VNAV:
SURFACE: 22.4:1

AVERAGE COLD TEMPERATURE BASED ON 5 YEAR HISTORY (2011: 22F, 2010: 20F, 2009: 21F, 2008: 25F, 2007: 23F).
ACT -5.44C (-5)

OBSTACLE 1 200 FT AAO VERIFIED ON QUAD CHART (2C AC APPLIED).

OBSTACLE 3 LOCATED 1762.07 FT INTO SECONDARY AREA.

OBSTACLE 6 200 FT AAO VERIFIED ON QUAD CHART (2C AC APPLIED).

XP: ADJUSTMENT USED TO MATCH AMDT 1 MINIMUMS. MANUAL EVALUATION OF PRECISION SURFACES COMPLETED USING 90 FT VEGETATION PER FPT. ALL OTHER AREAS EVALUATED USING 100 FT VEGETATION.

QUALITY 4 ARCHIVED

RADIO FIX AND HOLDING DATA RECORD

NAME: POTME **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 302100.33N/0813033.97W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Z RWY 32			KJAX	JACKSONVILLE	FL (US)
IAP	RNAV (RNP) Y RWY 32			KJAX	JACKSONVILLE	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 01/10/2013

REASON FOR REVISION:
1. DELETED REMARK, PRECIPITOUS TERRAIN EVALUATION COMPLETE.
2. UPDATED FIX USE.

DEVELOPED BY: **DATE:** 07/27/2012 **OFFICE:** AJV-352 **NAME:** DAVID SAUER

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

SIGNATURE:

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

QUALITY CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: BUNDE **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 300410.69N/0812420.99W **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	CRAIG	CRG	VORTAC	H	164.41	161.41	17.00	17.00		2100	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	CRG	VORTAC	164.41	344.41	R		4	2100	17500	5	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-020213)	300615.04N/0812810.84W	516	1A

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V51	1				(US)
IAP	RNAV (GPS) RWY 25			KHEG	JACKSONVILLE	FL (US)
IAP	RNAV (GPS) Z RWY 32			KJAX	JACKSONVILLE	FL (US)
IAP	ILS RWY 31	1	1	KSGJ	ST AUGUSTINE	FL (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 12/15/2011

REASON FOR REVISION:
ADDED 17.00 NM TO DIST FROM FAC FOR CRAIG (CRG) VORTAC UNDER FIX MAKE-UP FACILITIES.
PAT 1 CONTROLLING OBSTACLE CHANGED FROM 520 MSL TOWER (10-3026) TO 516 MSL TOWER (12-020213) PER NEW OBSTACLE DATA.
ADDED HOLDING RESTRICTIONS NOTE; ADDED PRECIPITOUS TERRAIN NOTE TO REMARKS.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 09/02/2011 **OFFICE:** AJV-352 **NAME:** SEAN BARBEE

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

SIGNATURE:

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

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: FIVOX **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 302522.57N/0813626.85W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Z RWY 32			KJAX	JACKSONVILLE	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 12/15/2011

REASON FOR REVISION:
FIX MOVED 455.24 FT.
DELETED KJAX R31 FROM FIX MAKE-UP FACILITIES
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 06/24/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (SEAN BARBEE)

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

SIGNATURE:

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

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: OSBAJ **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 303711.93N/0815225.85W **TYPE:** WP

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

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	NW		WP	316.44	136.44	R		4	2000	10000	4	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-000840)	303631.00N/0814955.00W	492	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Z RWY 14		1	KJAX	JACKSONVILLE	FL (US)
IAP	RNAV (GPS) Z RWY 32		1	KJAX	JACKSONVILLE	FL (US)
IAP	RNAV (RNP) Y RWY 32		1	KJAX	JACKSONVILLE	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 12/15/2011

REASON FOR REVISION:
FIX MOVED 1.76NM.
DELETED KJAX R13 FROM FIX MAKE-UP FACILITIES.
HOLDING CRS INBOUND CHANGED FROM 133.46 TO 136.44; UPDATED HOLDING OBSTACLE DATA.
UPDATED REMARKS AND HOLDING RESTRICTIONS.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 09/01/2011 **OFFICE:** AJV-352 **NAME:** SEAN BARBEE

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

SIGNATURE:

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

QUALITY CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: YUSKU **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 302720.14N/0813905.35W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Z RWY 32			KJAX	JACKSONVILLE	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 12/15/2011

DEVELOPED BY: **DATE:** 09/02/2011 **OFFICE:** AJV-352 **NAME:** SEAN BARBEE

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: KJAX APP CON, KJAX ATCT
OTHER: