

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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
ISO VORTAC	ZAMUV (FB)	183.39 / 16.98	3100	LPV: DA LNAV/VNAV: DA LNAV: RW23
ZAMUV (IAF)	FONPO (NOPT) (FB)	142.45 / 8.00	3100	
FONPO (IF/IAF)	YOTUR (FB)	232.51 / 7.16	2100	CLIMB TO 2100 DIRECT CUVAL AND HOLD.
YOTUR (FAF)	ZOTUS/1.90 NM TO RW23 (FB)	232.45 / 4.26		
ZOTUS/1.90 NM TO RW23	RW23 (MAP) (FO)	232.42 / 1.90		ADDITIONAL FLIGHT DATA: HOLD SW, LT, 052.29 INBOUND. CHART FAS OBST: 196 TREE 345111N/0773547W CHART FAS OBST: 197 TREE 345007N/0773548W DISTANCE TO THLD FROM 200 HATH: 0.48 NM. CHART VDP AT 1.01 MILES TO RW23* *LNAV ONLY. WAAS CHANNEL # 62827 REFERENCE PATH ID: W23A LTP HAE: -9.2 M
RW23 (MAP)	291 MSL	232.42		
291 MSL	CUVAL (FO)		2100	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NE FONPO, LT, 232.51 INBOUND, 3100 FT. IN LIEU OF PT (IAF)
- FAC: 232.45 FAF: YOTUR DIST FAF TO MAP: 6.16 THLD: 6.16
- MIN. ALT: FONPO 3100, YOTUR 2100, ZOTUS/1.90 NM TO RW23 740*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2100 GS ALT AT: YOTUR 2100 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 47.0 34:1 IS CLEAR
- MSA FROM: RW23 3100

MAG VAR: 8W EPOCH YEAR: 1990

MINIMUMS															
TAKEOFF:	SEE FAA FORM 8260-15A FOR THIS AIRPORT											ALTERNATE: NA		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	291	3/4	200	291	3/4	200	291	3/4	200	291	3/4	200			
LNAV/VNAV DA	495	1 3/8	404	495	1 3/8	404	495	1 3/8	404	495	1 3/8	404			
LNAV MDA	460	1	369	460	1	369	460	1	369	460	1	369			
CIRCLING	500	1	407	560	1	467	560	1 1/2	467	660	2	567			

NOTES:
 CHART NOTE: BARO-VNAV NA WHEN USING WILMINGTON ALTIMETER SETTING. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 15C (5F) OR ABOVE 43C (109F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON ISO VORTAC AIRWAY RADIALS 130 CW 256.
 (SEE FORM 8260-10)



CITY AND STATE JACKSONVILLE, NC	ELEVATION: 93 THRE: 91 AIRPORT NAME: ALBERT J ELLIS	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, ORIG 31 MAY 2012	SUP: AMDT: NONE DATED
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RNAV - STANDARD
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NOTES, (CONT.):

CHART NOTE: VDP NA WITH WILMINGTON ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILMINGTON ALTIMETER SETTING AND INCREASE ALL DA 93 FT AND ALL MDA 100 FT, INCREASE LPV ALL CATS VISIBILITY 1/4 MILE, AND LNAV/VNAV ALL CATS AND LNAV CATS C/D VISIBILITY 3/8 MILE.

CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT FONPO ON V56 WESTBOUND.

QUALITY
 2
 CHECKED

CITY AND STATE JACKSONVILLE, NC	ELEVATION: 93 THRE: 91	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, ORIG 31 MAY 2012	SUP:
	AIRPORT NAME: ALBERT J ELLIS			AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOAJ
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	345010.0600N
LTP/FTP LONGITUDE	0773613.8900W
LTP/FTP ELLIPSOIDAL HEIGHT	-00092
FPAP LATITUDE	344906.2900N
FPAP LONGITUDE	0773729.6100W
THRESHOLD CROSSING HEIGHT (TCH)	00047.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0584
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER D21D6ED8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00276
FPAP ORTHOMETRIC HEIGHT	+00276



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