

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	LPV: DA LNAV/VNAV: DA LNAV: RW18L CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2000 DIRECT ZORMI AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 094.44 INBOUND. CHART FAS OBST: 198 TREE 301516N/0815203W DISTANCE TO THLD FROM 250 HAT: 0.63 NM. WAAS CHANNEL # 56616 REFERENCE PATH ID: W18A CHART R2903A, R2904A CHART CIRCLING ICON LTP HAE: -4 M	
ESLAC (IAF)	COTAP (NOPT) (FB)	274.62 / 6.00	2000		
BRAET (IAF)	COTAP (NOPT) (FB)	094.50 / 6.00	2000		
COTAP (IF/IAF)	MAUGA (FB)	184.56 / 6.00	1700		
MAUGA (FAF)	SOLSE/2.00 NM TO RW18L (FB)	184.56 / 2.93			
SOLSE/2.00 NM TO RW18L	RW18L (MAP) (FO)	184.56 / 2.00			
RW18L (MAP)	1000 MSL	184.56	1000		
1000 MSL	ZORMI (FO)		2000		
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N COTAP, RT, 184.56 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>184.56</u> FAF: <u>MAUGA</u> DIST FAF TO MAP: <u>4.93</u> THLD: <u>4.93</u> 4. MIN. ALT: COTAP 2000, MAUGA 1700, SOLSE/2.00 NM TO RW18L 760* 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>1700</u> GS ALT AT: <u>MAUGA 1700</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>50.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 5W EPOCH YEAR: 2000	
MINIMUMS					
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A	STANDARD @	
CATEGORY =====>	A		B		C
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
LPV DA	329	1	250	329	1
LNAV/VNAV DA	368	1	289	368	1
LNAV MDA	460	1	381	460	1
CIRCLING					
	540	1	460	560	1
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING JACKSONVILLE INTL ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. (SEE FORM 8260-10)					
CITY AND STATE		ELEVATION: 80 TDZE: 79		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
JACKSONVILLE, FL		AIRPORT NAME:		RNAV (GPS) RWY 18L, AMDT 1	
		CECIL		13 NOVEMBER 2014	
		FACILITY IDENTIFIER: RNAV		SUP: <u> </u>	
				AMDT: <u>ORIG</u>	
				DATED <u>06/03/2010</u>	

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART PROFILE NOTE: VGSJ AND RNAV GLIDEPATH NOT COINCIDENT.

*LNAV ONLY

CHART PLANVIEW NOTE AT ESLAC: MAX 210K

CHART PLANVIEW NOTE AT BRAET: MAX 210K

CHART NOTE: NIGHT LANDING RWY 18L NA

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JACKSONVILLE INTL ALTIMETER SETTING AND INCREASE ALL DA 52 FEET AND ALL MDA 60 FEET.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CATS C/D VISIBILITY TO 1 1/8 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, WHEN USING JACKSONVILLE INTL ALTIMETER SETTING, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/8 MILE AND LNAV CATS C/D VISIBILITY TO 1 3/8 MILE.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV AND LNAV/VNAV ALL CATS AND LNAV CAT A/B VISIBILITIES.

CHART NOTE: WHEN USING JACKSONVILLE INTL ALTIMETER SETTING, INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS AND LNAV CAT A/B VISIBILITIES.

TAA

	FROM	TO	ALT
1.	095/30 CW 275/30 (NOPT)	095/23 CW 275/23	2700
2.	095/23 CW 275/23	COTAP (IF/IAF) (FB)	2000
3.	275/30 CW 005/30	ESLAC (IAF) (FB)	2100
4.	005/30 CW 095/30	BRAET (IAF) (FB)	2000

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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	KVQQ
RUNWAY	RW18L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	301406.0615N
LTP/FTP LONGITUDE	0815226.7785W
LTP/FTP ELLIPSOIDAL HEIGHT	-00040
FPAP LATITUDE	301202.3005N
FPAP LONGITUDE	0815225.6875W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	108.00
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

7215F562

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00241
FPAP ORTHOMETRIC HEIGHT	+00241

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KVQQK7FR18L	ABRAET	010BRAETK7EA0E	A	IF					18000210		A-JS	
SUSAP	KVQQK7FR18L	ABRAET	020COTAPK7EA0EE	B	010TF		09450060	+	02000			A JS	
SUSAP	KVQQK7FR18L	ACOTAP	010COTAPK7EA0EE	AR	HF		18460040	+	02000	18000		A JS	
SUSAP	KVQQK7FR18L	AESLAC	010ESLACK7EA0E	A	IF					18000210		A-JS	
SUSAP	KVQQK7FR18L	AESLAC	020COTAPK7EA0EE	B	010TF		27460060	+	02000			A JS	
SUSAP	KVQQK7FR18L	R	010COTAPK7EA0E	I	IF			+	02000	18000		A JS	
SUSAP	KVQQK7FR18L	R	020MAUGAK7EA1E	F	051TF		18460060	+	01700			A JS	
SUSAP	KVQQK7FR18L	R	020MAUGAK7EA2WALPV			ALNAV/VNAV	ALNAV					JS	
SUSAP	KVQQK7FR18L	R	021SOLSEK7EA0E	S	031TF		18460029	V	0076000766		-300	A JS	
SUSAP	KVQQK7FR18L	R	030RW18LK7PG0GY	M	031TF		18460020		00129		-300	A JS	
SUSAP	KVQQK7FR18L	R	040		0 M CA		1846	+	01000			A JS	
SUSAP	KVQQK7FR18L	R	050ZORMIK7EA0EY	R	DF			+	02000			A JS	
SUSAP	KVQQK7FR18L	R	060ZORMIK7EA0EE	R	HM		09440040	+	02000			A JS	

[illegible][illegible]

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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
	BRAET	BRAET	010	IAF	IF		FB					AB 210
	BRAET	COTAP	020		TF		FB	1.0	094.5 (089.5T)	006.0	AA 02000	
	COTAP	COTAP	010	IAF	HF	R	FO		184.6 (179.6T)	004.0	AA 02000	
	ESLAC	ESLAC	010	IAF	IF		FB					AB 210
	ESLAC	COTAP	020		TF		FB	1.0	274.6 (269.6T)	006.0	AA 02000	
		COTAP	010	FACF	IF		FB				AA 02000	
		MAUGA	020	FAF	TF		FB	0.5	184.6 (179.6T)	006.0	AA 01700	
		SOLSE	021	SDF	TF		FB	0.3	184.6 (179.6T)	002.9	AA 00760	GS 00766
		RW18L	030	MAP	TF		FO	0.3	184.6 (179.6T)	002.0	AT 00129	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		184.6 (179.6T)		AA 01000	
	ZORMI	050		DF	R	FO				AA 02000	
	ZORMI	060		HM	R	FO		094.4 (089.4T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BRAET	N302500.44	W0815928.73	N3025.007	W08159.479
	COTAP	N302503.39	W0815232.60	N3025.057	W08152.543
	ESLAC	N302505.98	W0814536.46	N3025.100	W08145.608
	MAUGA	N301902.73	W0815229.41	N3019.046	W08152.490
	SOLSE	N301606.34	W0815227.84	N3016.106	W08152.464
	ZORMI	N301250.40	W0820626.27	N3012.840	W08206.438
	RW18L	N301406.06	W0815226.78	N3014.101	W08152.446

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18L	00079	50

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