

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: RW09R CLIMB TO 700 THEN CLIMBING RIGHT TURN TO 2000 DIRECT COURAGE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 274.62 INBOUND. CHART FAS OBST: 177 TREE 301331N/0815316W DISTANCE TO THLD FROM 261 HAT: 0.65 NM. CHART VDP AT 0.90 MILES TO RW09R* *LNAV ONLY. WAAS CHANNEL # 50516 REFERENCE PATH ID: W09A CHART CIRCLING ICON CHART R2903 A/C/D, R2904A LTP HAE: -4.8 M	
IMAHA (IAF) LIKFO (IAF) ZORMI (IF/IAF) SHARL (FAF) TOTWY/2.00 NM TO RW09R RW09R (MAP) 700 MSL	ZORMI (NOPT) (FB) ZORMI (NOPT) (FB) SHARL (FB) TOTWY/2.00 NM TO RW09R (FB) RW09R (MAP) (FO) 700 MSL COURAGE (FO)	184.44 / 6.00 004.44 / 6.00 094.44 / 5.96 094.50 / 3.25 094.50 / 2.00 094.50	2000 2000 1800 700 2000		
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD W ZORMI, RT, 094.44 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: 094.50 FAF: SHARL DIST FAF TO MAP: 5.25 THLD: 5.25 4. MIN. ALT: ZORMI 2000, SHARL 1800, TOTWY/2.00 NM TO RW09R 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: 1800 GS ALT AT: SHARL 1800 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: 3.00 TCH: 53.0 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	HAT/HAA
LPV DA	351	3/4	274	351	3/4
LNAV/VNAV DA	338	3/4	261	338	3/4
LNAV MDA	440	3/4	363	440	3/4
CIRCLING					
540	1	460	560	1	480
600	1 1/2	520	640	2	560
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING JACKSONVILLE INTL ALTIMETER SETTING. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. 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 3/4 SM NOT AUTHORIZED. (SEE FORM 8260-10)					
CITY AND STATE JACKSONVILLE, FL		ELEVATION: 80 TDZE: 77 AIRPORT NAME: CECIL		FACILITY IDENTIFIER: RNAV	
PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9R, AMDT 1 13 NOVEMBER 2014		SUP: AMDT: ORIG DATED 01/13/2011			

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.

NOTES, (CONT.):

CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT.

CHART PLANVIEW NOTE AT IMAHA: MAX 210K

CHART PLANVIEW NOTE AT LIKFO: 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 LPV AND LNAV/VNAV ALL CATS VISIBILITY TO 7/8 MILE, AND LNAV ALL CATS VISIBILITY TO 1 MILE.

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

TAA

	FROM	TO	ALT
1.	004/30 CW 184/30 (NOPT)	ZORMI (IF/IAF) (FB)	2000
2.	184/30 CW 274/30	IMAHA (IAF) (FB)	2100
3.	274/30 CW 004/30	LIKFO (IAF) (FB)	2100

QUALITY
CHECKED

CITY AND STATE

JACKSONVILLE, FL

ELEVATION: 80

TDZE: 77

AIRPORT NAME:

CECIL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 9R, AMDT 1

13 NOVEMBER 2014

SUP:

AMDT: ORIG

DATED: 01/13/2011

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KVQQ
RUNWAY	RW09R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	301256.3305N
LTP/FTP LONGITUDE	0815330.0065W
LTP/FTP ELLIPSOIDAL HEIGHT	-00048
FPAP LATITUDE	301257.0220N
FPAP LONGITUDE	0815147.1735W
THRESHOLD CROSSING HEIGHT (TCH)	00053.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

658D5710

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00233
FPAP ORTHOMETRIC HEIGHT	+00233

CITY AND STATE

JACKSONVILLE, FL

ELEVATION: 80

TDZE: 77

AIRPORT NAME:

CECIL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 9R, AMDT 1

13 NOVEMBER 2014

SUP:

AMDT: ORIG

DATED: 01/13/2011

QUALITY
4

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.

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KVQQK7FR09R	AIMAHA	010IMAHAK7EA0E	A	IF					18000210		A-JS	
SUSAP	KVQQK7FR09R	AIMAHA	020ZORMIK7EA0EE	B	010TF		18440060	+	02000			A JS	
SUSAP	KVQQK7FR09R	ALIKFO	010LIKFOK7EA0E	A	IF					18000210		A-JS	
SUSAP	KVQQK7FR09R	ALIKFO	020ZORMIK7EA0EE	B	010TF		00440060	+	02000			A JS	
SUSAP	KVQQK7FR09R	AZORMI	010ZORMIK7EA0EE	AR	HF		09440040	+	02000	18000		A JS	
SUSAP	KVQQK7FR09R	R	010ZORMIK7EA0E	I	IF			+	02000	18000		A JS	
SUSAP	KVQQK7FR09R	R	020SHARLK7EA1E	F	051TF		09440060	+	01800			A JS	
SUSAP	KVQQK7FR09R	R	020SHARLK7EA2WALPV			ALNAV/VNAV	ALNAV					JS	
SUSAP	KVQQK7FR09R	R	021TOTWYK7EA0E	S	031TF		09450033	V	0076000767		-300	A JS	
SUSAP	KVQQK7FR09R	R	030RW09RK7PG0GY	M	031TF		09450020		00130		-300	A JS	
SUSAP	KVQQK7FR09R	R	040	0	M	CA	0945	+	00700			A JS	
SUSAP	KVQQK7FR09R	R	050COURAK7EA0EY	R	DF			+	02000			A JS	
SUSAP	KVQQK7FR09R	R	060COURAK7EA0EE	R	HM		27460040	+	02000			A JS	

[illegible][illegible]

CITY AND STATE JACKSONVILLE, FL	ELEVATION: 80	TDZE: 77	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 9R, AMDT 1 13 NOVEMBER 2014	SUP:
	AIRPORT NAME: CECIL		RNAV		AMDT: ORIG
					DATED: 01/13/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR 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.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	IMAHA	IMAHA	010	IAF	IF		FB					AB 210
	IMAHA	ZORMI	020		TF		FB	1.0	184.4 (179.4T)	006.0	AA 02000	
	LIKFO	LIKFO	010	IAF	IF		FB					AB 210
	LIKFO	ZORMI	020		TF		FB	1.0	004.4 (359.4T)	006.0	AA 02000	
	ZORMI	ZORMI	010	IAF	HF	R	FO		094.4 (089.4T)	004.0	AA 02000	
		ZORMI	010	PACF	IF		FB				AA 02000	
		SHARL	020	PAF	TF		FB	0.5	094.4 (089.4T)	006.0	AA 01800	
		TOTWY	021	SDF	TF		FB	0.3	094.5 (089.5T)	003.3	AA 00760	GS 00767
		RW09R	030	MAP	TF		FO	0.3	094.5 (089.5T)	002.0	AT 00130	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		094.5 (089.5T)		AA 00700	
	COURA	050		DF	R	FO				AA 02000	
	COURA	060		HM	R	FO		274.6 (269.6T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COURA	N300047.09	W0814525.29	N3000.785	W08145.422
	IMAHA	N301851.24	W0820630.34	N3018.854	W08206.506
	LIKFO	N300649.56	W0820622.21	N3006.826	W08206.370
	SHARL	N301253.71	W0815933.25	N3012.895	W08159.554
	TOTWY	N301255.36	W0815548.51	N3012.923	W08155.809
	ZORMI	N301250.40	W0820626.27	N3012.840	W08206.438
	RW09R	N301256.33	W0815330.01	N3012.939	W08153.500

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09R	00077	53

CITY AND STATE JACKSONVILLE, FL	ELEVATION: 80	TDZE: 77	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 9R, AMDT 1 13 NOVEMBER 2014	SUP:
	AIRPORT NAME: CECIL		RNAV		AMDT: ORIG
					DATED: 01/13/2011