

<b>ILS - STANDARD</b> <b>INSTRUMENT APPROACH PROCEDURE</b> <b>TITLE 14 CFR PART 97.29</b>				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.											
<b>US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION</b>															
<b>TERMINAL ROUTES</b>				<b>MISSED APPROACH</b>											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	<b>ILS: DA</b> <b>LOC: 5.97 MILES AFTER ELLAS LOM OR AT I-OAJ 1.42 DME FIX</b>  <b>CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2100 DIRECT ELLAS LOM/I-OAJ 7.39 DME AND HOLD, OR AS DIRECTED BY ATC.</b>  <b>ALTERNATE MA: CLIMB TO 600 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 300 AND EWN VOR/DME R-264 TO WALLO INT AND HOLD.</b>  <b>ADDITIONAL FLIGHT DATA:</b> <b>HOLD SW, LT, 052.39 INBOUND.</b> <b>CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W WALLO INT, RT, 102.00 INBOUND.</b> <b>CHART FAS OBST: 191 TREE 344812N/0773836W</b> <b>CHART VDP AT 2.41 DME*</b> <b>DISTANCE VDP TO THLD 0.99 MILES.</b> <b>*LOC ONLY.</b>											
WALLO INT	ELLAS LOM/I-OAJ 7.39 DME	128.69 / 14.81	2100												
BEULA INT	ELLAS LOM/I-OAJ 7.39 DME	190.52 / 11.04	2100												
KROVE INT	ELLAS LOM/I-OAJ 7.39 DME	240.90 / 27.69	2600												
HELNA INT	ELLAS LOM/I-OAJ 7.39 DME	064.76 / 12.85	2100												
GOLLA INT	ELLAS LOM/I-OAJ 7.39 DME	037.71 / 8.54	2100												
UFISA/I-OAJ 18.93 DME/RADAR (IAF)	AJDOV/I-OAJ 13.50 DME (NOPT)	052.39 / 5.43 (I-OAJ)	2100												
AJDOV/I-OAJ 13.50 DME (IF)	ELLAS LOM/I-OAJ 7.39 DME	052.39 / 6.11 (I-OAJ)	2100												
1. PT <u>  R  </u> SIDE OF COURSE <u>232.39</u> OUTBOUND <u>2100</u> FT WITHIN <u>10</u> MILES OF <u>ELLAS LOM</u> (IAF) 2. _____ 3. FAC: <u>052.39</u> FAF: <u>ELLAS LOM/I-OAJ 7.39 DME</u> DIST FAF TO MAP: <u>5.97</u> THLD: <u>5.97</u> 4. MIN. ALT: <u>ELLAS LOM 2100, OGOYO/I-OAJ 3.12 DME 560*</u> 5. DIST TO THLD FROM OM: <u>5.97</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>1046</u> 6. MIN GS INCPT: <u>2100</u> GS ALT AT: <u>-</u> OM: <u>2078</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>54.9</u> 8. MSA FROM: <u>OA LOM 3100</u>				MAG VAR: <b>8W</b> EPOCH YEAR: <b>1990</b>											
<b>MINIMUMS</b>															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		ILS: STANDARD #      LOC: NA									
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
S-ILS 05	289	1/2	200	289	1/2	200	289	1/2	200	289	1/2	200			
S-LOC 05	560	1/2	471	560	1/2	471	560	1	471	560	1	471			
CIRCLING	560	1	467	560	1	467	560	1 1/2	467	660	2	567			
<b>OGOYO FIX MINIMUMS (DME REQUIRED)</b>															
S-LOC 05	460	1/2	371	460	1/2	371	460	5/8	371	460	5/8	371			
CIRCLING	500	1	407	560	1	467	560	1 1/2	467	660	2	567			
NOTES: CHART PLANVIEW NOTE: ADF OR DME REQUIRED. # NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: VDP NA WITH WILMINGTON ALTIMETER SETTING. *660 WHEN USING WILMINGTON ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILMINGTON ALTIMETER SETTING AND (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 93      TDZE: 89		FACILITY IDENTIFIER: I-OAJ		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
JACKSONVILLE, NC		AIRPORT NAME: ALBERT J ELLIS				ILS OR LOC RWY 5, AMDT 9B 25 JUNE 2015				AMDT: 9A					
										DATED 05/29/2014					



**ILS - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29**

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.):**

INCREASE ALL DA 93 FEET AND ALL MDA 100 FEET, INCREASE S-LOC 5 CATS C/D VISIBILITY 1/4 MILE, INCREASE CIRCLING CAT C VISIBILITY 1/8 MILE; INCREASE OGOYO FIX MINIMUMS, S-LOC 5 CATS C/D VISIBILITY 3/8 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 5 CATS C/D VISIBILITY TO 1 3/8 MILE, INCREASE OGOYO FIX MINIMUMS S-LOC 5 CATS C/D VISIBILITY TO 1 MILE.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING WILMINGTON ALTIMETER SETTING, INCREASE S-ILS 5 ALL CATS VISIBILITY TO 7/8 MILE, INCREASE S-LOC 5 CATS C/D VISIBILITY TO 1 5/8 MILE, INCREASE OGOYO FIX MINIMUMS S-LOC 5 CATS C/D VISIBILITY TO 1 3/8 MILE.

CHART NOTE: ADF REQUIRED.

CHART PLANVIEW NOTE: RADAR REQUIRED FOR ARRIVALS AT UFISA.

QUALITY  
9  
CHECKED

CITY AND STATE

JACKSONVILLE, NC

ELEVATION: 93

TDZE: 89

AIRPORT NAME:

ALBERT J ELLIS

FACILITY  
IDENTIFIER:  
I-OAJ

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 5, AMDT 9B


25 JUNE 2015

SUP:

AMDT: 9A

DATED: 05/29/2014

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION								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.				
ILS STANDARD INSTRUMENT APPROACH PROCEDURE												
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.29												
ARINC SUMMARY - 424-18 - ILS												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	BEULA	BEULA	010		IF		FB					
	BEULA	ELLAS	020		TF		FB				AA 02100	
	BEULA	ELLAS	030	IAF	PI	L	FB		277.4 ( )	010.0	AA 02100	
	GOLLA	GOLLA	010		IF		FB					
	GOLLA	ELLAS	020		TF		FB				AA 02100	
	GOLLA	ELLAS	030	IAF	PI	L	FB		277.4 ( )	010.0	AA 02100	
	HELNA	HELNA	010		IF		FB					
	HELNA	ELLAS	020		TF		FB				AA 02100	
	HELNA	ELLAS	030	IAF	PI	L	FB		277.4 ( )	010.0	AA 02100	
	KROVE	KROVE	010		IF		FB					
	KROVE	ELLAS	020		TF		FB				AA 02600	
	KROVE	ELLAS	030	IAF	PI	L	FB		277.4 ( )	010.0	AA 02100	
	UFISA	UFISA	010	IAF	IF		FB					
	UFISA	AJDOV	020		CF		FB		052.4 ( )	005.4	AA 02100	
	WALLO	WALLO	010		IF		FB					
	WALLO	ELLAS	020		TF		FB				AA 02100	
	WALLO	ELLAS	030	IAF	PI	L	FB		277.4 ( )	010.0	AA 02100	
		AJDOV	010	FACF	IF		FB				AA 02100	GI 02100
		ELLAS	020	FAF	CF		FB		052.0 ( )	006.1	GI 02100	GS 02078
		RW05	030	MAP	CF		FO		052.0 ( )	006.0	AT 00144	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		052.4 ( )		AA 00600	
		OA	050		DF	L	FO				AA 02100	
		OA	060		HM	L	FO		052.4 ( )	T01.0	AA 02100	
POINT DATA	WAYPOINT	LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS				
	NCA (DME)	N344225.71		W0772625.08		N3442.429		W07726.418				
	IOAJ (DME)	N345023.26		W0773604.51		N3450.388		W07736.075				
	BEULA	N345604.89		W0774140.51		N3456.082		W07741.675				
	GOLLA	N343736.04		W0774723.58		N3437.601		W07747.393				
	HELNA	N343757.88		W0775517.20		N3437.965		W07755.287				
	KROVE	N350142.77		W0771522.44		N3501.713		W07715.374				
	WALLO	N345235.24		W0775744.89		N3452.587		W07757.748				
	AJDOV	N344040.46		W0774728.47		N3440.674		W07747.475				
	ELLAS	N344503.26		W0774217.73		N3445.054		W07742.296				
	UFISA	N343646.77		W0775204.13		N3436.780		W07752.069				
	RW05	N344919.89		W0773713.47		N3449.332		W07737.225				
	IOAJ (LOC)	N345021.91		W0773559.83		N3450.365		W07735.997				
	OA	N344501.84		W0774215.97		N3445.031		W07742.266				



CITY AND STATE <b>JACKSONVILLE, NC</b>	ELEVATION: <b>93</b>	TDZE: <b>89</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: <b>ALBERT J ELLIS</b>		<b>I-OAJ</b>	<b>ILS OR LOC RWY 5, AMDT 9B</b> 25 JUNE 2015	AMDT: <b>9A</b>
					DATED: <b>05/29/2014</b>

## U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

## ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.29

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.

## RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW05	00089	55

QUALITY  
15  
CHECKED

CITY AND STATE

JACKSONVILLE, NC

ELEVATION: 93

TDZE: 89

AIRPORT NAME:

ALBERT J ELLIS

FACILITY  
IDENTIFIER:

I-OAJ

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

ILS OR LOC RWY 5, AMDT 9B

25 JUNE 2015

SUP:

AMDT: 9A

DATED: 05/29/2014

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION								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.				
LOC STANDARD INSTRUMENT APPROACH PROCEDURE												
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.25												
ARINC SUMMARY - 424-18 - LOC												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	BEULA	BEULA	010		IF		FB					
	BEULA	ELLAS	020		TF		FB				AA 02100	
	BEULA	ELLAS	030	IAF	PI	L	FB		277.4 ( )	010.0	AA 02100	
	GOLLA	GOLLA	010		IF		FB					
	GOLLA	ELLAS	020		TF		FB				AA 02100	
	GOLLA	ELLAS	030	IAF	PI	L	FB		277.4 ( )	010.0	AA 02100	
	HELNA	HELNA	010		IF		FB					
	HELNA	ELLAS	020		TF		FB				AA 02100	
	HELNA	ELLAS	030	IAF	PI	L	FB		277.4 ( )	010.0	AA 02100	
	KROVE	KROVE	010		IF		FB					
	KROVE	ELLAS	020		TF		FB				AA 02600	
	KROVE	ELLAS	030	IAF	PI	L	FB		277.4 ( )	010.0	AA 02100	
	UFISA	UFISA	010	IAF	IF		FB					
	UFISA	AJDOV	020		CF		FB		052.4 ( )	005.4	AA 02100	
	WALLO	WALLO	010		IF		FB					
	WALLO	ELLAS	020		TF		FB				AA 02100	
	WALLO	ELLAS	030	IAF	PI	L	FB		277.4 ( )	010.0	AA 02100	
		AJDOV	010	FACF	IF		FB				AA 02100	
		ELLAS	020	FAF	CF		FB		052.0 ( )	006.1	AA 02100	
		OGOYO	021	SDF	CF		FB		052.0 ( )	004.3	AA 00560	
		RW05	030	MAP	CF		FO		052.0 ( )	001.7	AT 00144	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		052.4 ( )		AA 00600	
		OA	050		DF	L	FO				AA 02100	
		OA	060		HM	L	FO		052.4 ( )	T01.0	AA 02100	
POINT DATA	WAYPOINT	LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS				
	NCA (DME)	N344225.71		W0772625.08		N3442.429		W07726.418				
	IOAJ (DME)	N345023.26		W0773604.51		N3450.388		W07736.075				
	BEULA	N345604.89		W0774140.51		N3456.082		W07741.675				
	GOLLA	N343736.04		W0774723.58		N3437.601		W07747.393				
	HELNA	N343757.88		W0775517.20		N3437.965		W07755.287				
	KROVE	N350142.77		W0771522.44		N3501.713		W07715.374				
	WALLO	N345235.24		W0775744.89		N3452.587		W07757.748				
	AJDOV	N344040.46		W0774728.47		N3440.674		W07747.475				
	ELLAS	N344503.26		W0774217.73		N3445.054		W07742.296				
	OGOYO	N344806.87		W0773840.12		N3448.115		W07738.669				
	UFISA	N343646.77		W0775204.13		N3436.780		W07752.069				
	RW05	N344919.89		W0773713.47		N3449.332		W07737.225				
CITY AND STATE	ELEVATION: 93		TDZE: 89		FACILITY IDENTIFIER:		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:			SUP:		
JACKSONVILLE, NC	AIRPORT NAME:		ALBERT J ELLIS		I-OAJ		ILS OR LOC RWY 5, AMDT 9B			AMDT: 9A		
							25 JUNE 2015			DATED: 05/29/2014		

QUALITY  
 15  
 CHECKED

<b>U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION</b> <b>LOC STANDARD INSTRUMENT APPROACH PROCEDURE</b> <b>FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.25</b>				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.	
IOAJ (LOC) OA		N345021.91 N344501.84	W0773559.83 W0774215.97	N3450.365 N3445.031	W07735.997 W07742.266
RUNWAY DATA		THRESHOLD ELEVATION	TCH		
RWY RW05		00089	55		
CITY AND STATE JACKSONVILLE, NC		ELEVATION: <b>93</b> AIRPORT NAME: ALBERT J ELLIS	TDZE: <b>89</b> FACILITY IDENTIFIER: I-OAJ	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: ILS OR LOC RWY 5, AMDT 9B 25 JUNE 2015	
				SUP: AMDT: <b>9A</b> DATED: <b>05/29/2014</b>	

