

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**

**TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks 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 feet RVR.

<u><b>AIRPORT ID</b></u> KVQQ	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) RWY 27L	<u><b>ORIGINAL/AMENDMENT</b></u> 1B	<u><b>CITY</b></u> JACKSONVILLE	<u><b>STATE</b></u> FL		
<u><b>AIRPORT ELEVATION</b></u> 80	<u><b>TDZE</b></u> 72	<u><b>SUPERSEDED</b></u> RNAV (GPS) RWY 27L	<u><b>ORIGINAL/AMENDMENT</b></u> 1A	<u><b>DATED</b></u> 05/28/2015	<u><b>MAG VAR</b></u> 5W	<u><b>EPOCH YEAR</b></u> 2000
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 25 FEBRUARY 2021	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>		

**TAA**

<b>FROM</b>	<b>FIX TYPE</b>	<b>TO</b>	<b>FIX TYPE</b>	<b>ALTITUDE</b>
1. 185/30 CW 005/30	NOPT	JUZSO	IF/IAF	2100
2. 005/30 CW 095/30		EXKAF	IAF	2100
3. 095/30 CW 185/30		OZICO	IAF	2700

**TERMINAL ROUTES**

<b>FROM</b>	<b>FIX TYPE</b>	<b>TO</b>	<b>FIX TYPE</b>	<b>LEG TYPE</b>	<b>FO/FB</b>	<b>RNP</b>	<b>COURSE</b>	<b>DISTANCE</b>	<b>ALTITUDE</b>
EXKAF	IAF	JUZSO	NOPT	TF	FB	1.00	004.67	6.00	2100
OZICO	IAF	JUZSO	NOPT	TF	FB	1.00	184.67	6.00	2100
JUZSO	IF/IAF	OSTAF		TF	FB	1.00	274.67	6.26	1300
OSTAF	FAF	HATFI/1.80 NM TO RW27L		TF	FB	0.30	274.61	1.92	
HATFI/1.80 NM TO RW27L		RW27L	MAP	TF	FO	0.30	274.61	1.80	
RW27L	MAP	393 MSL		CA			274.61		
393 MSL		ZORMI		DF	FO	1.00			2000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW27L

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2000 DIRECT ZORMI AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

QUALITY  
22  
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD E JUZSO, RT, 274.67 INBOUND, 2100 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 274.61FAF: OSTAFDIST FAF TO MAP: 3.72DIST FAF TO THLD: 3.72

4. MIN ALT: JUZSO 2100, OSTAF 1300, HATFI/1.80 NM TO RW27L 680\*

5. DIST TO THLD FROM OM:MM:IM:150 HAT:321 HAT: 0.87GS ANT:

6. MIN GP INCPT: 1300GP ALT AT FAF : OSTAF 1300OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 50.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 27L HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART SPEED ICON IN PLANVIEW AT EXKAF: MAX 210 KIAS.  
CHART SPEED ICON IN PLANVIEW AT OZICO: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 094.44 INBOUND.  
CHART FAS OBST: 230 TOWER 301328N/0815010W.  
CHART R-2903 A/C/D.  
CHART R-2904 A.  
CHART VDP AT 0.97 NM TO RW27L\*  
\*LNAV ONLY.  
WAAS CHANNEL # 97716  
REFERENCE PATH ID: W27A  
CHART CIRCLING ICON.  
LTP HAE: -8.6 M



**MINIMUMS:**

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	393	1	321	393	1	321	393	1	321	393	1	321			
LNAV/VNAV DA	451	1	379	451	1	379	451	1	379	451	1	379			
LNAV MDA	540	1	468	540	1	468	540	1 3/8	468	540	1 3/8	468			
CIRCLING	540	1	460	560	1	480	600	1 1/2	520	640	2	560			

**CHANGES - REASONS**

1. CHANGED LNAV CATS A-D FROM "MDA/HAT 440/368" TO "MDA/HAT 540/468" - INCORPORATE FDC NOTAM 0/3800 - NEW CONTROLLING LNAV OBSTACLE IDENTIFIED.
2. CHANGED "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C OR ABOVE 54C" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C OR ABOVE 54C" - REMOVED FAHRENHEIT - IAW 8260.19H 8-6-9.S
3. ADDED RNP APCH TO PBN EQUIPMENT REQUIREMENT NOTES AND DELETED CHART NOTE DME/DME RNP -0.3 - IAW 8260.19H PARA 8-6-8B.
4. CHANGED NOTES FROM CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT TO CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
5. DELETED NOTE: NIGHT LANDING: RWY 18L NA - OBSTACLES REMOVED PER P-NOTAM AMDT 1A.
6. CHANGED NOTES FROM "CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED TO CHART NOTE: RWY 27L HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - 8260.19H 8-6-11 K (3).
7. AMENDED PROFILE LINE 2 "MAX 6000" - IAW 8260.19H PARA 8-6-7.B (2).
8. REMOVED ADDITIONAL FLIGHT DATA "DISTANCE TO THLD FROM 321 HAT: 0.85 NM" - IAW 8260.19H PARA 8-6-7.E (3).
9. ADDED PROFILE LINE 5 "321 HAT 0.87" - 8260.19H, 8-6-7.E (3).
10. CHANGED ADDITIONAL FLIGHT DATA FROM "CHART VDP AT 0.92 MILES TO RW27L\*" TO CHART VDP: .97 NM TO RW27L\*" - LNAV MDA AND VGSI TCH HAS CHANGED.
11. CHANGED ADDITIONAL FLIGHT DATA FROM "CHART FAS OBST: 174 TREE 301253N/0815119W" TO "CHART FAS OBST 230 TOWER 301328N/0815010W" - NEW TARGETS EVALUATION.
12. CHANGED MINIMUMS LNAV/VNAV VISIBILITIES ALL CATS FROM 1 1/4 TO 1 - 8260.19H, 8-6-11.N (1)(A)2.
13. CHANGED MINIMUMS LNAV VISIBILITY CATS C/D FROM 1 TO 1 3/8 - 8260.19H, 8-6-11.N (1)(A)2.
14. REMOVED REMOTE ALTIMETER STATEMENTS TO -9 FOR CONTINGENCY PURPOSES . - 8260.19H 8-6-9 F (3).

**COORDINATED WITH:**A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZJX, JAX APP CON, VQQ ATCT, AMGR**FLIGHT CHECKED BY**PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-1000) MEMO, DATED JUNE 4, 2020, SUBJECT:  
FLIGHT INSPECTION OF NEW CONTROLLING OBSTACLES.**OFFICE**Digitally signed by **DATE****JOHN BORDY**

Sep 30, 2020

**DEVELOPED BY**

JOHN BORDY (GREG LINDSEY)

Digitally signed by

**JOHN BORDY**

Sep 30, 2020

**OFFICE**

AJV-A422

**DATE**

07/21/2020

**APPROVED BY**

MARLON ROBINSON

Digitally signed by

**JOHN BORDY**

Sep 30, 2020

**OFFICE**

AJV-A420

**DATE****TITLE**  
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KVQQ
RUNWAY	RW27L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	301256.9380N
LTP/FTP LONGITUDE	0815158.7940W
LTP/FTP ELLIPSOIDAL HEIGHT	-00086
FPAP LATITUDE	301256.2565N
FPAP LONGITUDE	0815341.6275W
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	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	C899E1D2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00195
FPAP ORTHOMETRIC HEIGHT	+00195