

**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> KFFC	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) RWY 31	<u><b>ORIGINAL/AMENDMENT</b></u> 4	<u><b>CITY</b></u> ATLANTA	<u><b>STATE</b></u> GA		
<u><b>AIRPORT ELEVATION</b></u> 808	<u><b>TDZE</b></u> 807	<u><b>SUPERSEDED</b></u> RNAV (GPS) RWY 31	<u><b>ORIGINAL/AMENDMENT</b></u> 3	<u><b>DATED</b></u> 11/08/2018	<u><b>MAG VAR</b></u> 5W	<u><b>EPOCH YEAR</b></u> 2015
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 4 NOVEMBER 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. 223/30 CW 043/30	NOPT	223/20 CW 043/20		3500
2. 223/20 CW 043/20		INOGE	IF/IAF	2800
3. 043/30 CW 223/30		043/18 CW 223/18		3500
4. 043/18 CW 223/18		INOGE	IF/IAF	2800

**TERMINAL ROUTES**

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 21-23

<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>
INOGE	IF/IAF	BAGAY		TF	FB	1.00	313.24	6.49	2500
BAGAY	FAF	AGEHO/1.80 NM TO RW31		TF	FB	0.30	313.18	3.40	
AGEHO/1.80 NM TO RW31		RW31	MAP	TF	FO	0.30	313.18	1.80	
RW31	MAP	1500 MSL		CA			313.18		1500
1500 MSL		TIROE		DF	FO	1.00			3500

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW31

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3500 DIRECT TIROE AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SE INOGE, LT, 313.26 INBOUND, 2800 FT. IN LIEU OF PT (IF/IAF), MAX 6000.

3. FAC: 313.18FAF: BAGAYDIST FAF TO MAP: 5.20DIST FAF TO THLD: 5.20

4. MIN ALT: INOGE 2800, BAGAY 2500, AGEHO/1.80 NM TO RW31 1400

5. DIST TO THLD FROM OM:MM:IM:150 HAT:252 HAT: 0.67GS ANT:

6. MIN GP INCPT: 2500GP ALT AT FAF : BAGAY 2500OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 38.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING RWY 13 NA AT NIGHT.

CHART NOTE: RWY 31 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV. FOR INOPERATIVE ALS, INCREASE LNAV/VNAV CAT A/B VISIBILITY TO 1 1/8 SM.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -7°C OR ABOVE 54°C.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 052.93 INBOUND.

CHART FAS OBST: 1022 WATER\_TOWER (13-084005) 331940N/0843235W.

1080 AAO 331822N/0842841W.

WAAS CHANNEL # 72706

REFERENCE PATH ID: W31A

CHART CIRCLING ICON.

LTP HAE: 216.8 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, 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	1059	3/4	252	1059	3/4	252	1059	3/4	252	1059	3/4	252			
LNAV/VNAV DA	1188	1	381	1188	1	381	1188	1	381	1188	1	381			
LNAV MDA	1280	3/4	473	1280	3/4	473	1280	1 1/4	473	1280	1 1/4	473			
CIRCLING	1320	1	512	1320	1	512	1440	1 3/4	632	1540	2 1/4	732			

**CHANGES - REASONS**

1. REMOVED MSA AND CREATED TAA - ATC REQUESTED.
2. DELETED FEEDER SEGMENT FROM TIROE TO INOGE AND INITIAL SEGMENTS FROM HUSKY AND BOWLN TO INOGE - ATC REQUESTED.
3. INOGE TO BEGAY COURSE/ DISTANCE CHANGED FROM "313.26/ 6.00" TO "313.24/ 6.49" - INOGE RELOCATED.
4. MISSED APPROACH CHANGED FROM "CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 4000 DIRECT TIROE AND HOLD." TO "CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3500 DIRECT TIROE AND HOLD." - ATC REQUESTED AND RECALCULATION BASED ON PROCEDURE REDESIGN.
5. PROFILE LINE 2 INOGE HOLDING ALTITUDE CHANGED FROM "3000" TO "2800" - ATC REQUESTED AND RECALCULATION BASED ON PROCEDURE REDESIGN.
6. PROFILE LINE 4 CHANGED FROM "INOGE 3000, BAGAY 2500, AGEHO/1.80 NM TO RW31 1400" TO "INOGE 2800, BAGAY 2500, AGEHO/1.80 NM TO RW31 1400" - RECALCULATED BASED ON PROCEDURE REDESIGN; 8260.19I, 8-6-7 D.
7. PROFILE LINE 6 ADDED "252 HAT: 0.67" - 8260.19I, 8-6-7. E(3).
8. CHANGED "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -8°C OR ABOVE 54°C." TO " CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -7°C OR ABOVE 54°C." - 8260.19I, 8-6-9 R.
9. DELETED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TIROE ON V241 NORTHBOUND." AND "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BOWLN ON V97 SOUTHBOUND." - SEGMENTS DELETED
10. CHANGED LNAV/VNAV DA/HAT FROM "1189/382" TO "1188/381" - TDZE ELEVATION CHANGE
11. ADDED " CHART FAS OBST: 1022 WATER\_TOWER (13-084005) 331940N/0843235W" TO ADDITIONAL FLIGHT DATA - NEW OBSTACLE EVALUATION
12. ADDED LNAV 7:1 OBSTACLE "1080 AAO 331822N/0842841W" TO ADDITIONAL FLIGHT DATA - NEW OBSTACLE EVALUATION
13. CRC REMAINDER CHANGED FROM "84900F76" TO "FA609EEE" - FPAP COORDINATES CHANGED
14. REMOVED "\*LNAV ONLY" - 8260.19I, ATTACHMENT 3

09/15/21: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 01/29/2021.

1. NOTES: CHANGED "INOPERATIVE TABLE DOES NOT APPLY TO LPV. FOR INOPERATIVE ALS, INCREASE LNAV/VNAV CAT A/B VIS TO 1 1/8 SM." TO "INOPERATIVE TABLE DOES NOT APPLY TO LPV. FOR INOPERATIVE ALS, INCREASE LNAV/VNAV CAT A/B VISIBILITY TO 1 1/8 SM." - 8260.19I, 8-6-11, O.3(D)

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBA** ☒ **OTHER:** ZTL, ATL APP CON, AMGR

**FLIGHT CHECKED BY**

KEVIN JOHN RIESE

*Digitally signed by***ALLAN WILL**

Sep 15, 2021

**OFFICE**

FIOG

**DATE**

03/23/2021

**DEVELOPED BY**

JASON KRETSCHMER (HENRY A BRADSHAW)

*Digitally signed by***ALLAN WILL**

Sep 15, 2021

**OFFICE**

AJV-A421

**DATE**

12/04/2020

**APPROVED BY**

MARLON ROBINSON

*Digitally signed by***ALLAN WILL**

Sep 15, 2021

**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	KFFC
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	332111.3725N
LTP/FTP LONGITUDE	0843356.2180W
LTP/FTP ELLIPSOIDAL HEIGHT	+02168
FPAP LATITUDE	332206.4920N
FPAP LONGITUDE	0843519.8950W
THRESHOLD CROSSING HEIGHT (TCH)	00038.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1056
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	FA609EEE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02458
FPAP ORTHOMETRIC HEIGHT	+02458

