

**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>AIRPORT</u> BROOKSVILLE-TAMPA BAY RGNL	<u>AIRPORT ID</u> KBKV	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27	<u>ORIGINAL/AMENDMENT</u> 1D	<u>CITY</u> BROOKSVILLE	<u>STATE</u> FL	
<u>AIRPORT ELEVATION</u> 76	<u>TDZE</u> 69	<u>SUPERSEDED</u> RNAV (GPS) RWY 27	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 07/24/2014	<u>MAG VAR</u> 4W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 31 JANUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TAA**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>ALTITUDE</b></u>
1. 184/30 CW 004/30	NOPT	AZBOG	IF/IAF	2000
2. 004/30 CW 094/30		004/20 CW 094/20		3000
3. 004/20 CW 094/20		PABBI	IAF	2000
4. 094/30 CW 184/30		OZIME	IAF	2000

**TERMINAL ROUTES**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
PABBI	IAF	AZBOG	NOPT	TF	FB	1.00	003.91	5.00	2000
OZIME	IAF	AZBOG	NOPT	TF	FB	1.00	183.91	5.00	2000
AZBOG	IF/IAF	IGNAQ		TF	FB	1.00	273.91	6.18	1800
IGNAQ	FAF	RW27	MAP	TF	FO	0.30	273.86	5.19	
RW27	MAP	442 MSL		CA			273.86		
442 MSL		ASKEH		DF	FO	1.00			2000

**MISSED APPROACH**

**MAP:**

LPV: DA  
 LNAV/VNAV: DA  
 LNAV: RW27

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2000 DIRECT ASKEH AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD E AZBOG, RT, 273.91 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 273.86FAF: IGNAQDIST FAF TO MAP: 5.19DIST FAF TO THLD: 5.19

4. MIN ALT: AZBOG 2000, IGNAQ 1800

5. DIST TO THLD FROM OM:MM:IM:150 HAT:373 HAT: 1.00GS ANT:

6. MIN GP INCPT: 1800GP ALT AT FAF : IGNAQ 1800OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 55.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C OR ABOVE 48C.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 2.96/TCH 57).

ADDITIONAL FLIGHT DATA:

CHART VDP AT 1.42 NM TO RW27\*  
\*LNAV ONLY  
WAAS CHANNEL #86408  
REFERENCE PATH ID: W27A  
CHART FAS OBST: 296 TREE 282909N/0822321W.  
HOLD W, RT, 093.70 INBOUND  
LTP HAE: -5.4 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	442	1 1/4	373	442	1 1/4	373	442	1 1/4	373	442	1 1/4	373			
LNAV/VNAV DA	595	1 3/4	526	595	1 3/4	526	595	1 3/4	526	595	1 3/4	526			
LNAV MDA	620	1	551	620	1	551	620	1 5/8	551	620	1 3/4	551			
CIRCLING	680	1	604	680	1	604	680	1 3/4	604	680	2	604			



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>
BROOKSVILLE-TAMPA BAY RGNL	KBKV	RNAV (GPS) RWY 27	1D	BROOKSVILLE	FL

**CHANGES - REASONS**

- 1. CHANGED AZBOG TO IGNAQ SEGMENT RNP FROM 0.50 TO READ 1.00 IN TERMINAL ROUTES SECTION - INTERMEDIATE SEGMENT RNP VALUE NOW 1.0 PER CRITERIA.
- 2. ADDED MAX HOLDING 6000 ON LINE 2 - NEW DOCUMENTATION REQUIREMENT.
- 3. ADDED IS CLEAR TO 20:1 ON LINE 7 - REQUIRED DOCUMENTATION BY CRITERIA.
- 4. ADDED RNP APCH TO PBN REQUIREMENTS NOTE SECTION - REQUIRED BY CRITERIA.
- 5. CHANGED CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS BELOW 1 SM NA TO READ CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED IN NOTES SECTION - 34:1 SURFACE PENETRATED/REQUIRED DOCUMENTATION BY CRITERIA/REQUIRED BY IFDC 8/3059.
- 6. REMOVED CHART NOTE: DME/DME RNP-0.3 NA FROM NOTES SECTION - NO LONGER REQUIRED BY CRITERIA.
- 7. CHANGED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F) TO READ CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C OR ABOVE 48C IN NOTES SECTION - FARENHEIT TEMPERATURE EQUIVALENTS NO LONGER DOCUMENTED.
- 8. CHANGED CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT TO READ CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 2.96/TCH 57) IN NOTES SECTION - ANGLE IS A FLIGHT CHECK VALUE.
- 9. REMOVED ALL REFERENCE OF TAMPA INTL AS BACK-UP ALTIMETER SETTING AND MOVED TO BACK OF -9 AS CONTINGENCY NOTE - LOCAL WEATHER TRANSMITTED ON WMSCR AND DEEMED RELIABLE.
- 10. CHANGED FAS OBST FROM 368 TOWER TO 296 TREE - 368 TOWER NO LIES WITHIN THE SECONDARY AREA AND IS NO LONGER THE CONTROLLING OBSTACLE.
- 11. ADDED VDP - 20:1 VISUAL SURFACE IS CLEAR.
- 12. CHANGED LNAV CAT C VISIBILITY FROM 1 1/2 TO 1 5/8 - NEW VISIBILITY TABLE APPLIED.
- 13. CRC REMAINDER CHANGED FROM 7FF555EA TO D0074066 - LTP AND FPAP LAT/LONG UPDATED.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZJX, TPA ATCT, BKV APT MGR, ATA

FLIGHT CHECKED BY

JEFFREY ECKAMN

DEVELOPED BY

MICHAEL R. GARRITY JR.

APPROVED BY

JULIE MORGAN

Digitally signed by  
MICHAEL GARRITY  
Sep 25, 2018

OFFICE

FICO

OFFICE

AJV-5421

OFFICE

AJV-5420

DATE

10/21/18

DATE

09/04/2018

DATE

Digitally signed by  
ALLAN WILL  
Oct 26, 2018

Digitally signed by  
ALLAN WILL  
Oct 26, 2018

TITLE  
MANAGER



**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBKV
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	282833.5055N
LTP/FTP LONGITUDE	0822655.7595W
LTP/FTP ELLIPSOIDAL HEIGHT	-00054
FPAP LATITUDE	282833.1975N
FPAP LONGITUDE	0822836.8635W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	D0074066

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00211
FPAP ORTHOMETRIC HEIGHT	+00211

