

**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 9	<u>ORIGINAL/AMENDMENT</u> 1D	<u>CITY</u> BROOKSVILLE	<u>STATE</u> FL
<u>AIRPORT ELEVATION</u> 76	<u>TDZE</u> 76	<u>SUPERSEDED</u> RNAV (GPS) RWY 9	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 07/24/2014	<u>MAG VAR</u> 4W
<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>	<u>EPOCH YEAR</u> 2000

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 004/30 CW 094/30	NOPT	004/15 CW 094/15		3000
1. 004/15 CW 094/15		ASKEH	IF/IAF	2000
1. 094/30 CW 184/30	NOPT	ASKEH	IF/IAF	2000
2. 184/30 CW 274/30		DEWIX	IAF	2000
3. 274/30 CW 004/30		JUNAV	IAF	2000

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
DEWIX	IAF	ASKEH	NOPT	TF	FB	1.00	183.70	5.00	2000
JUNAV	IAF	ASKEH	NOPT	TF	FB	1.00	003.70	5.00	2000
ASKEH	IF/IAF	OWAGO		TF	FB	1.00	093.70	6.20	1800
OWAGO	FAF	RW09	MAP	TF	FO	0.30	093.75	5.18	
RW09	MAP	476 MSL		CA			093.75		
476 MSL		AZBOG		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LNAV/VNAV: DA
LNAV: RW09

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT AZBOG AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- 2. HOLD W ASKEH, RT, 093.70 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 093.75 **FAF:** OWAGO **DIST FAF TO MAP:** 5.18 **DIST FAF TO THLD:** 5.18
- 4. **MIN ALT:** ASKEH 2000, OWAGO 1800
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **431 HAT:** 1.19 **GS ANT:**
- 6. **MIN GP INCPT:** 1800 **GP ALT AT FAF :** OWAGO 1800 **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 57.3
- 8. **MSA FROM:**

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

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 2.91/TCH 58).
 CHART NOTE: FOR INOPERATIVE ALS INCREASE LNAV CAT D VISIBILITY TO 1 1/4 SM.

ADDITIONAL FLIGHT DATA:

CHART VDP AT 1.16 NM TO RW09*
 *LNAV ONLY
 CHART FAS OBST: 239 TOWER 282909N/0823119W.
 HOLD E, RT, 273.91 INBOUND

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												
LNAV/VNAV DA	507	1	431	507	1	431	507	1	431	507	1	431				
LNAV MDA	500	3/4	424	500	3/4	424	500	3/4	424	500	1	424				
CIRCLING	680	1	604	680	1	604	680	1 3/4	604	680	2	604				



CHANGES - REASONS

1. CHANGED ASKEH TO OWAGO SEGMENT RNP FROM 0.50 TO READ 1.00 IN TERMINAL ROUTES SECTION - INTERMEDIATE SEGMENT RNP VALUE NOW 1.0 PER CRITERIA.
2. ADDED CA SEGMENT TO TERMINAL ROUTES SECTION - CA IS REQUIRED FIRST LEG FOR RNAV MISSED APPROACHES.
3. ADDED MAX 6000 TO HOLD-IN-LIEU - NEW DOCUMENTATION REQUIREMENT.
4. CHANGED DISTANCE TO THLD FROM 415 HAT: 1.14 NM TO READ DISTANCE TO THLD FROM 431 HAT: 1.19 NM - TO MITIGATE LNAV/VNAV MISSED APPROACH PENETRATION BY AMDT 1A.
5. ADDED IS CLEAR TO 20:1 ON LINE 7 - REQUIRED DOCUMENTATION BY CRITERIA.
6. ADDED RNP APCH TO PBN REQUIREMENTS NOTE SECTION - REQUIRED BY CRITERIA.
7. REMOVED CHART NOTE: DME/DME RNP-0.3 NA FROM NOTES SECTION - NO LONGER REQUIRED BY CRITERIA.
8. REMOVED CHART NOTE: CIRCLING RWY 3/21/27 NA AT NIGHT FROM NOTES SECTION - CIRCLING VISUAL SEGMENTS ARE CLEAR.
9. 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.
10. REMOVED ALL REFERENCE OF TAMPA INTL ALTIMETER SETTING NOTES AND PLACED IN REMARKS SECTION OF -9 - LOCAL WEATHER TRANSMITTED ON WMSCR AND DEEMED RELIABLE.
11. CHANGED CHART NOTE: FOR INOPERATIVE MALSR INCREASE LNAV CAT D VISIBILITY TO 1 1/4 MILE TO READ CHART NOTE: FOR INOPERATIVE ALS INCREASE LNAV CAT D VISIBILITY TO 1 1/4 SM - NEW VISIBILITY TABLE VALUES APPLIED.
12. ADDED CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 2.91/TCH 58) TO NOTES SECTION - ANGLE AND TCH ARE BASED ON FLIGHT CHECK RESULTS.
13. ADDED VDP TO ADDITIONAL FLIGHT DATA SECTION - STRAIGHT-IN VISUAL SURFACES ARE CLEAR.
14. CHANGED LNAV CAT A/B VISIBILITY FROM 1/2 TO 3/4 SM - NEW VISIBILITY TABLE APPLIED.
15. INCORPORATED P-NOTAM AMENDMENTS 1A-1C - 8260.19H PARA 8-3-4C(2).



COORDINATED WITH:

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

FLIGHT CHECKED BY

JEFFREY ECKMAN

OFFICE

FICO

DATE

10/21/18

Digitally signed by

ALLAN WILL

Oct 26, 2018

DEVELOPED BY

MICHAEL R. GARRITY JR.

Digitally signed by

MICHAEL GARRITY

Sep 24, 2018

OFFICE

AJV-5421

DATE

08/28/2018

APPROVED BY

JULIE MORGAN

OFFICE

AJV-5420

DATE

Digitally signed by

ALLAN WILL

Oct 26, 2018

TITLE

MANAGER

