

FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
VOR STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.23

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 ID</u> KJGG	<u>PROCEDURE NAME</u> VOR-B	<u>ORIGINAL/AMENDMENT</u> 3A	<u>CITY</u> WILLIAMSBURG	<u>STATE</u> VA		
<u>AIRPORT ELEVATION</u> 49	<u>TDZE</u>	<u>SUPERSEDED</u> VOR-B	<u>ORIGINAL/AMENDMENT</u> 3	<u>DATED</u> 01/13/2011	<u>MAG VAR</u> 7W	<u>EPOCH YEAR</u> 1965
<u>FACILITY</u> HCM	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 7 OCTOBER 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**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>
HCM VORTAC	IF/IAF	HIGAL INT/HCM 8.00 DME					188.04	8.00	2000

**MISSED APPROACH**

**MAP:**

4.43 NM AFTER HIGAL INT/HCM 8.00 DME OR AT MAFZE/HCM 12.43 DME FIX

**MISSED APPROACH INSTRUCTIONS:**

CLIMBING RIGHT TURN TO 2000 DIRECT HCM VORTAC AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF      (IAF)
2. PROFILE STARTS AT HCM VORTAC
3. FAC: 188.04      FAF: HIGAL INT/HCM 8.00 DME      DIST FAF TO MAP: 4.43      DIST FAF TO THLD:
4. MIN ALT: HCM VORTAC 2000, HIGAL INT/HCM 8.00 DME 2000
8. MSA FROM: HCM VORTAC 1700

**EQUIPMENT REQUIREMENTS NOTES:**

**NOTES:**

CHART NOTE: PROCEDURE NA AT NIGHT.

CHART NOTE: RWY 13, 31 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.



**ADDITIONAL FLIGHT DATA:**  
FAC CROSSES MIDPOINT OF RWY 13-31.  
HOLD W, LT, 103.60 INBOUND.  
CHART FAS OBST: 482 TOWER (51-000946) 371959N/0764231W.  
CHART CIRCLING ICON.

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

**ALTERNATE:** NA ☐ CAT A, B, C 1100-3, 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
CIRCLING	1060	3	1011	1060	3	1011	1060	3	1011		NA				

- CHANGES - REASONS**  
1. MOVED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE NEWPORT NEWS ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET TO BACK -9 FOR CONTINGENCY PURPOSE.  
2. UPDATED CHART NOTE: FROM VISIBILITY REDUCTION BY HELICOPTERS NA TO RWY 13, 31 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. - .19I 8-6-11K(3).  
3. ADDITIONAL FLIGHT DATA ADDED "CHART CIRCLING ICON" - NEW CIRCLING RADIUS EVALUATED.

**COORDINATED WITH:**  
A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ **OTHER:** ZDC, ORF APP CON, AMGR

<b>FLIGHT CHECKED BY</b> STEPHEN BAUER <i>Digitally signed by</i>	<i>JOHN BORDY</i> Aug 16, 2021	<b>OFFICE</b> FICO	<b>DATE</b> 08/11/2021	
<b>DEVELOPED BY</b> HEIDI SNIDER <i>Digitally signed by</i>	<i>HEIDI SNIDER</i> Jun 14, 2021	<b>OFFICE</b> AJV-A422	<b>DATE</b> 06/08/2021	
<b>APPROVED BY</b> MARLON ROBINSON <i>Digitally signed by</i>	<i>JOHN BORDY</i> Aug 16, 2021	<b>OFFICE</b> AJV-A420	<b>DATE</b>	<b>TITLE</b> MANAGER

