

<b>RNAV - STANDARD</b> <b>INSTRUMENT APPROACH PROCEDURE</b> <b>TITLE 14 CFR PART 97.33</b>				Bearings, headings, courses, 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 in feet RVR.															
<b>TERMINAL ROUTES</b>										<b>MISSED APPROACH</b>									
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW02  CLIMB TO 2000 DIRECT PANLE AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD N, RT, 201.84 INBOUND. CHART FAS OBST: 191 TOWER 370619N/0763015W CHART FAS OBST: 198 CTRL TWR 370747N/0763016W DISTANCE TO THLD FROM 203 HAT: 0.45 NM. CHART VDP AT 1.14 NM TO RW02* *LNAV ONLY. WAAS CHANNEL # 61020 REFERENCE PATH ID: W02A CHART CIRCLING ICON. LTP HAE: -24.7 M									
HCM VORTAC		NUTYI (TF) (FO) (RNP 2.00)		174.57 / 31.13				2300											
EVINN (IAF)		NUTYI (NOPT) (TF) (FB) (RNP 1.00)		302.26 / 15.16				2300											
WAKS (IAF)		NUTYI (NOPT) (TF) (FB) (RNP 1.00)		113.02 / 25.71				2300											
NUTYI (IF/IAF)		BCOAT (TF) (FB) (RNP 1.00)		021.77 / 6.04				1700											
BCOAT (FAF)		SOLOC/1.80 NM TO RW02 (TF) (FB) (RNP 0.30)		021.79 / 3.16															
(SEE FORM 8260-10)																			
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD S NUTYI, RT, 021.77 INBOUND, 2300 FT. IN LIEU OF PT (IAF) 3. FAC: 021.79 FAF: BCOAT DIST FAF TO MAP: 4.96 THLD: 4.96 4. MIN. ALT: NUTYI 2300, BCOAT 1700, SOLOC/1.80 NM TO RW02 660* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 1700 GS ALT AT: BCOAT 1700 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 60.0 34:1 IS CLEAR 8. MSA FROM: RW02 2300																MAG VAR: 9W		EPOCH YEAR: 1985	
<b>MINIMUMS</b>																			
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		STANDARD @									
CATEGORY >>>>>		A		B		C		D		E									
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA				
LPV DA	241	1	203	241	1	203	241	1	203	241	1	203							
LNAV/VNAV DA	476	1 1/2	438	476	1 1/2	438	476	1 1/2	438	476	1 1/2	438							
LNAV MDA	460	1	422	460	1	422	460	1 1/4	422	460	1 1/4	422							
CIRCLING	520	1	478	540	1	498	740	2	698	780	2 1/4	738							
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). @ CAT D 800-2 1/4 CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).																			
CITY AND STATE		ELEVATION: 42 TDZE: 38		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:									
NEWPORT NEWS, VA		AIRPORT NAME:		NEWPORT NEWS/WILLIAMSBURG INTL		RNAV (GPS) RWY 2, AMDT 1B				AMDT: 1A									
						22 JUNE 2017				DATED 10/17/2013									



**US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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**TERMINAL ROUTES, (CONT.):**

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SOLOC/1.80 NM TO RW02	RW02 (MAP) (TF) (FO) (RNP 0.30)	021.79 / 1.80	
RW02 (MAP)	241 MSL	021.79	
241 MSL	PANLE (DF) (FO) (RNP 1.00)		2000



CITY AND STATE  
**NEWPORT NEWS, VA**

**ELEVATION: 42**      **TDZE: 38**  
 AIRPORT NAME:  
**NEWPORT NEWS/WILLIAMSBURG INTL**

FACILITY  
 IDENTIFIER:  
**RNAV**

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
**RNAV (GPS) RWY 2, AMDT 1B**  
 22 JUNE 2017

SUP:  
 AMDT: **1A**  
 DATED: **10/17/2013**

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPHF
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	370727.9390N
LTP/FTP LONGITUDE	0762957.8260W
LTP/FTP ELLIPSOIDAL HEIGHT	-00247
FPAP LATITUDE	370854.9335N
FPAP LONGITUDE	0762933.1350W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0760
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 <u>CRC REMAINDER</u>	 83CF64B2

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00114
FPAP ORTHOMETRIC HEIGHT	+00114

QUALITY  
19  
CHECKED

CITY AND STATE  NEWPORT NEWS, VA	ELEVATION: 42 AIRPORT NAME:  NEWPORT NEWS/WILLIAMSBURG INTL	TDZE: 38	FACILITY IDENTIFIER:  RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  RNAV (GPS) RWY 2, AMDT 1B  22 JUNE 2017	SUP:
					AMDT: 1A
					DATED: 10/17/2013