

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				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.												
TERMINAL ROUTES										MISSED APPROACH						
FROM	TO			COURSE AND DISTANCE			ALTITUDE			LPV: DA LNAV/VNAV: DA LNAV: RW07 CLIMB TO 2500 DIRECT RIPPS AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 246.87 INBOUND. FAS OBST: 214 AAO 370546N/0763346W DISTANCE TO THLD FROM 203 HAT: 0.46 NM. CHART VDP AT 1.20 NM TO RW07* *LNAV ONLY. WAAS CHANNEL # 45607 REFERENCE PATH ID: W07A CHART CIRCLING ICON. LTP HAE: -24.7 M						
CVI VORTAC	MIDRE (TF) (FB) (RNP 2.00)			015.65 / 36.77			2100									
HCM VORTAC	JAWES (TF) (FO) (RNP 2.00)			189.14 / 25.80			2000									
MIDRE (IAF)	JAWES (NOPT) (TF) (FB) (RNP 1.00)			066.63 / 4.00			2000									
JAWES (IF/IAF)	JETIT (TF) (FB) (RNP 1.00)			066.67 / 6.02			2000									
JETIT (FAF)	RW07 (MAP) (TF) (FO) (RNP 0.30)			066.74 / 5.98												
(SEE FORM 8260-10)																
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SW JAWES, LT, 066.67 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: 066.74 FAF: JETIT DIST FAF TO MAP: 5.98 THLD: 5.98 4. MIN. ALT: JAWES 2000, JETIT 2000 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2000 GS ALT AT: JETIT 2000 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 58.6 34:1 IS CLEAR 8. MSA FROM: RW07 2300																
										MAG VAR: 9W			EPOCH YEAR: 1985			
MINIMUMS																
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	243	2400	203	243	2400	203	243	2400	203	243	2400	203				
LNAV/VNAV DA	474	5000	434	474	5000	434	474	5000	434	474	5000	434				
LNAV MDA	480	2400	440	480	2400	440	480	4000	440	480	4000	440				
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 -11C (13F) OR ABOVE 54C (130F). @ CAT D 800-2 1/4 CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HCM VORTAC ON V38 WESTBOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CVI VORTAC AIRWAY RADIALS 351 CW 086. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 3/8.																
CITY AND STATE NEWPORT NEWS, VA			ELEVATION: 42 TDZE: 40 AIRPORT NAME: NEWPORT NEWS/WILLIAMSBURG INTL			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 7, AMDT 4					SUP: AMDT: 3 DATED 01/13/2011			

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
ATA <div><input checked="" type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>		ALPA <div><input checked="" type="checkbox"/></div>	
APA <div><input type="checkbox"/></div>		AOPA <div><input checked="" type="checkbox"/></div>		NBAA <div><input checked="" type="checkbox"/></div>	
OTHER (specify)		<div><input checked="" type="checkbox"/> ZDC, ORF APP CON, PHF ATCT, AMGR, VA DOT</div>			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
GEORGETTE P. BARNETT				AJV-5412	11/05/2016
APPROVED BY Feb 01, 2017					
NAME:				FIFO	DATE:
JULIE MORGAN				AJV-5420	
CHANGES:					
<div>1. DELETED TERMINAL ROUTE FROM FKN VORTAC TO MIDRE (IAF).</div> <div>2. REMOVED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED...</div> <div>3. REMOVED NOTE: VDP AND BARO-VNAV NA WITH NORFOLK ALTIMETER SETTING.</div> <div>4. CHANGED BARO-VNAV CRITICAL LOW TEMPERATURE FROM -15C (5F) TO -11C (13F) AND HIGH TEMPERATURE FROM 49C (120F) TO 54C (130F).</div> <div>5. PFAF/FAF MOVED .07 NM, DISTANCE PFAF/FAF TO THLD DISTANCE CHANGED FROM 5.91 TO 5.98.</div> <div>6. REMOVED NOTE: PROCEDURE NA FOR ARRIVALS AT FKN VORTAC ON V189-260 SOUTHBOUND.</div> <div>7. LPV DA/HAT CHANGED FROM 239/200 TO 243/203.</div> <div>8. LNAV/VNAV DA: HAT CHANGED FROM 435 TO 434.</div> <div>9. LNAV MDA: HAT CHANGED FROM 441 TO 440, CAT D VISIBILITY CHANGED FROM RVR 5000 TO RVR 4000.</div> <div>10. CAT B CIRCLING MDA/HAA CHANGED FROM 520/478 TO 540/498, CAT C CHANGED FROM 520/478 TO 740/698, VISIBILITY CHANGED FROM 1 1/2 TO 2, CAT D CHANGED FROM 600/558 TO 780/738, VISIBILITY CHANGED FROM 2 TO 2 1/4.</div> <div>11. ADDED "CHART CIRCLING ICON" IN ADDITIONAL FLIGHT DATA.</div> <div>12. ADDED NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 3/8.</div> <div>13. FAS DATA: LTP LAT/LONG CHANGED FROM 370730.0115N/0763004.9695W TO 370730.0105N/0763004.9665W; FPAP LAT/LONG CHANGED FROM (SEE FORM 8260-10)</div>					
REASONS:					
<div>1/6. FKN VORTAC OTS.</div> <div>2. IAW 8260.19G PARA 8.6.6 F. (4).</div> <div>3. REMOVED BACK-UP ALTIMETER NOTES.</div> <div>4. RE-CALCULATED USING UPDATED ACT BASED ON 5 YEAR CLIMATE HISTORY (2011 - 2015).</div> <div>5. PROCEUDRE TCH CHANGED FROM 51.3 TO 58.6, RE-CALCULATED USING TCH 58.6 FT.</div> <div>7. ADDED 3 FT ADJUSTMENT DUE TO MA PENETRATION, RE-CALCULATED USING RWY TDZE OF 39.70 FT (40).</div> <div>8. RE-CALCULATED USING RWY TDZE OF 39.70 FT.</div> <div>9. RE-CALCULATED USING RWY TDZE 39.70 (40), VISIBILITY IAW 8260.3B TABLE 3-5A.</div> <div>10/11. APPLIED NEW CIRCLING CRITERIA WITH APPROPRIATE VISIBILITIES AND NOTES.</div> <div>12. IAW 8260.3B CHG 26, TABLE 3-5A AND VISI CALC.</div> <div>13. RE-CALCULATED USING UPDATED RWY INFORMATION AND TCH.</div> <div>14. INCREASED DUE TO NEW CIRCLING MINIMUMS FOR CAT D.</div> <div>15. RE-CALCUALTED USING 58.6 TCH.</div> <div>16. RE-CALCUALTED USING UPDATED RWY THLD DATA/TCH.</div> <div>(SEE FORM 8260-10)</div>					



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
RW07 (MAP)	243 MSL (CA)	066.74	
243 MSL	RIPPS (DF) (FO) (RNP 1.00)		2500

QUALITY
22
CHECKED

CITY AND STATE
NEWPORT NEWS, VA

ELEVATION: 42 TDZE: 40
AIRPORT NAME:
NEWPORT NEWS/WILLIAMSBURG INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 7, AMDT 4

SUP:
AMDT: 3
DATED: 01/13/2011

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>		ALPA <div><input type="checkbox"/></div>	
APA <div><input type="checkbox"/></div>		AOPA <div><input type="checkbox"/></div>		NBAA <div><input type="checkbox"/></div>	
OTHER (specify)		<div><input type="checkbox"/></div>		<div><input type="checkbox"/></div>	
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES: CHANGES CONT. 370816.0900N/0762833.5600W TO 370817.5390N0762830.6735W; TCH CHANGED FROM 51.3 TO 58.6; LENGTH OFFSET CHANGED FROM 0224 TO 0312; CRC REMAINDER CHANGED FROM 95752FC0 TO 1718C68B. 14. ADDED ALTERNATE MINS CEILING/VIS REQUIREMENT FOR CAT D 800-2 1/4. 15. DISTANCE TO THLD FROM 200 HAT CHANGED FROM 0.47 TO 0.46. 16. VDP DISTANCE FROM RW07 CHANGED FROM 1.20 TO 1.23. 17. PROCEDURE NA FOR ARRIVAL AT CVI NOTE CHANGED FROM "PROCEUDRE NA FOR ARRIVALS AT CVI VORTAC ON V1 SOUTHWEST BOUND TO "PROCEDURE NA FOR ARRIVAL ON CVI VORTAC AIRWAY RADIALS 351 CW 086. 18. ADDED PROCEDURE NA FOR ARRIVAL NOTE AT HCM VORTAC.					
REASONS: REASONS CONT. 17. TERMINAL ROUTE FROM FKN VORTAC TO MIDRE DELETED, CVI AIRWAY RADIALS 351 CW 086 REQUIRE TURN TO MIDRE (IAF) GREATER THAN 90 DEGREES. 18. HCM VORTAC V38 WESTBOUND TURN TO JAWES (IF/IAF) GREATER THAN 90 DEGREES.					

**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	RW07
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W07A
LTP/FTP LATITUDE	370730.0105N
LTP/FTP LONGITUDE	0763004.9665W
LTP/FTP ELLIPSOIDAL HEIGHT	-00247
FPAP LATITUDE	370817.5390N
FPAP LONGITUDE	0762830.6735W
THRESHOLD CROSSING HEIGHT (TCH)	00058.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.50
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 <u>CRC REMAINDER</u>	 1718C68B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00113
FPAP ORTHOMETRIC HEIGHT	+00113

QUALITY
22
CHECKED

CITY AND STATE NEWPORT NEWS, VA	ELEVATION: 42 AIRPORT NAME: NEWPORT NEWS/WILLIAMSBURG INTL	TDZE: 40	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 7, AMDT 4	SUP:
					AMDT: 3
					DATED: 01/13/2011

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>	ALPA <div><input type="checkbox"/></div>	APA <div><input type="checkbox"/></div>	AOPA <div><input type="checkbox"/></div>
NBAA <div><input type="checkbox"/></div>		OTHER (specify) <div><input type="checkbox"/></div>			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD																			
PART - A OBSTRUCTION DATA																			
1. APP SEGMENT		FROM		TO		OBSTRUCTION		COORDINATES		ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.						
FEEDER		CVI VORTAC		MIDRE		1. TWR (51-000956)		365505.00N/0764506.00W		409 (3C)	1000	AT691	2100						
						2. TERRAIN		363657.00N/0765218.00W		102 (100)		AS1500	1600						
FEEDER		HCM VORTAC		JAWES		3. TWR (51-000087)		371639.00N/0764505.00W		539 (3C)	1000	AT461	2000						
						4. TERRAIN		371857.00N/0764336.00W		138 (100)		AS1500	1600						
INITIAL		MIDRE		JAWES		5. AAO		370024.00N/0764142.00W		112 (2E)	1000	AT888	2000						
						6. TERRAIN		370024.00N/0764142.00W		112 (100)		AS1500	1600						
INTERMEDIATE		JAWES (IF/IAF)		JETIT		7. TWR (51-002103)		370333.00N/0764123.70W		360 (5D)	500	AT1140	2000						
						6. TERRAIN		370024.00N/0764142.00W		112 (100)		AS1500	1600						
FINAL: LPV		JETIT		RW07							ASC	MA3	243/203						
FINAL: LNAV/VNAV		JETIT		RW07		8. TREE (KPHFT1133)		370636.78N/0763047.00W		138 (1A)	23.00:1	XP65	474/434						
FINAL: LNAV		JETIT		RW07		9. AAO		370546.07N/0763346.20W		214 (2C)	250		480						
2. HOLD-IN-LIEU-OF-PT		JAWES		P-4		7. TWR (51-002103)		370333.00N/0764123.70W		360 (5D)	1000	AT640	2000						
						6. TERRAIN		370024.00N/0764142.00W		112 (100)		AS1500	1600						
3. MISSED APPROACH	MAP:		DA / DA / RW07		RIPPS		10. TREE (KPHFT0143)		370730.78N/0763016.91W		86 (1A)	ASC	2500						
	ELEV:		69/313/380				11. AAO		371115.00N/0762548.00W		214 (2C)	1000	1300						
							12. TERRAIN		371115.00N/0762548.00W		14 (0)		AS1500						
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.															
CATEGORY A		1.3 NM		REQUIRED	ACTUAL	478		13. TWR (51-000891)		370820.57N/0763123.81W		209 (1A)	300	520					
CATEGORY B		1.5 NM				498		14. TWR (51-001272)		370744.53N/0763218.67W		230 (1A)	300	540					
CATEGORY C		1.7 NM				698		15. TWR (51-001054)		370948.00N/0763208.00W		438 (2C)	300	740					
CATEGORY D		2.3 NM				738		16. TWR (51-001921)		371209.40N/0762951.50W		463 (2C)	300	780					
CATEGORY E		4.5 NM																	
5. MINIMUM SAFE ALTITUDES												PRIMARY NAVAID: RW07							
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A	
360-360		TWR (51-001802)		189/19.0		1282 (1A)		2300											
CITY AND STATE				ELEVATION: 42				FACILITY				PROCEDURE AND AMENDMENT NO:				REGION			
NEWPORT NEWS, VA				AIRPORT NAME: NEWPORT NEWS/WILLIAMSBURG INTL				RNAV				RNAV (GPS) RWY 7, AMDT 4				AEA			

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: PRECIPITOUS TERRAIN EVALUATION COMPLETED. 2. KPHF/KORF ASOS TRANSMITTED TO WMSCR. 3. SOURCE: KPHF/KORF, DISTANCE: 0/19.97, HRS OPTN: 24 VGSI DATA: NONE ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.81NM CAT C: 2.84NM CAT D: 3.70NM SEE ATTACHED AIRSPACE LETTER. RASS PRESSURE PATTERNS SAME KPHF 42.2, KORF 26.7 RA = 48.10 (CONTINGENCEY PURPOSES). CRITICAL TEMPERATURES CRITICAL LOW: -11C (13F) CRITICAL HIGH: +54C (130F) ACT: -11C APT ISA: +14.92C AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2011 - 2015) CRITICAL LOW TEMPERATURE BASED ON ACT. DESCENT RATE (FPM): STANDARD TEMP 954 H IGH TEMP 1114. USED 100' TREE HEIGHT PER FPO. NO TAA OR T DEVELOPED PER ATC. LPV, LNAV/VNAV, AND LNAV INTERMEDIATE SEGMENT HAVE SAME CONTROLLING OBSTACLE AND HIGH TERRAIN. PROCEDURE TCH 58.6 FT USED FOR IPDS BUILD. OBSTACLE (KPHFL049) PENETRATION TO RWY 20 CIRCLING VISUAL AREA REMOVED PER EASTERN FPT LTR DATED 12/15/16. XP-MAINTAIN CURRENT PUBLISHED MINIMUMS.																			
1. COMMUNICATIONS WITH:					2. WEATHER SERVICE															3. ALTIMETER SETTING									
ORF APP CON PHF TOWER ZDC ARTCC							N W S		OTHER: ASOS																				
							F A A																						
							A / C																						
SATISFACTORY ON:																				LOCATION: KPHF					ADJUSTMENT: 0/49				
4. MONITOR STATUS		PRIMARY NAVAID:																		HRS OPTN:									
		MONITOR POINT:																											
		CAT 1					CAT 3																						
5. APPROACH & RUNWAY LIGHTING				ALS																HRS OPTN:									
				(S) SALS																									
		X		MALSR 07 (PCL)																									
		X		HIRL 02 (PCL), 07 (PCL), 20 (PCL), 25 (PCL)																									
				MIRL																									
		X		REIL 20 (PCL), 25 (PCL)																									
				TDZ																									
				C/LINE																									
		X		OTHER (SPECIFY) VASI-4L 25 (PCL) PAPI-4L 02, 20																									
6. RUNWAY MARKINGS		BASIC								HRS OPTN:																			
		ALL WEATHER PIR-G 07, 25																											
		INSTRUMENT NPI-G 02, 20																											
7. RUNWAY VISUAL RANGE		APPROACH 07								HRS OPTN:																			
		MIDFIELD																											
		ROLL OUT 25																											
8. GLIDE PATH		GP ANGLE: 3.00					ELEV RWY THRESHOLD: 37.2					HRS OPTN:																	
		DISTANCE FROM RWY:					ELEV GP ANTENNA:																						
							THRESHOLD CROSSING HEIGHT: 58.6																						
9. FINAL APPROACH COURSE AIMING				X		RUNWAY THRESHOLD					FT. FROM THRESHOLD																		
				X		ON CENTERLINE					FT. FROM CENTERLINE																		
10. WAIVERS: NONE																													
PART D - PREPARED BY: GEORGETTE P. BARNETT										DATE: 11/05/2016																			
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5412																			

