

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29										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		ILS: DA LOC: 5.98 NM AFTER STEVE INT/I-DHY 5.70 DME OR AT I-DHY 0.29 DME												
HCM VORTAC				HASBA INT/I-DHY 11.61 DME				127.10 / 24.56				2000		CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 2500 ON HEADING 080 AND ON CCV VORTAC R-254 TO HASBA INT/I-DHY 11.61 DME AND HOLD. ALTERNATE MA (DO NOT CHART): CLIMB TO 2000 THEN RIGHT TURN DIRECT HCM VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 246.81 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W LT, 103.60 INBOUND. FAS OBST: 214 AAO 371007N/0762516W CHART VDP AT 0.92 DME* DISTANCE VDP TO THLD 1.21 NM. *LOC ONLY. CHART IN PLANVIEW: HCM VORTAC. CHART CIRCLING ICON. CHART IN PLAINVIEW: HCM 24.56 DME AND ORF 21.25 DME AT HASBA.												
ORF VORTAC				HASBA INT/I-DHY 11.61 DME				358.23 / 21.25				2000														
CCV VORTAC (IAF)				HASBA INT/I-DHY 11.61 DME (NOPT)				254.10 / 14.40				2000														
HASBA INT/I-DHY 11.61 DME (IF/IAF)				STEVE INT/I-DHY 5.70 DME				246.81 / 5.92 (I-DHY)				2000														
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																										
2. HOLD NE HASBA, RT, 246.81 INBOUND, 2000 FT. IN LIEU OF PT (IAF)																										
3. FAC: 246.81 FAF: STEVE INT/I-DHY 5.70 DME DIST FAF TO MAP: 5.98 THLD: 5.98																										
4. MIN. ALT: HASBA 2000, STEVE 2000																										
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1041																										
6. MIN GS INCPT: 2000 GS ALT AT: STEVE INT/I-DHY 5.70 DME 2000 OM: - MM: - IM: -																										
7. GS ANGLE: 3.00 TCH: 55.2																										
8. MSA FROM: ORF VORTAC 360-090 1800, 090-360 2300																										
MAG VAR: 9W EPOCH YEAR: 1985																										
MINIMUMS																										
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A			ILS: STANDARD #			LOC: 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											
S-ILS 25	241	3/4	200	241	3/4	200	241	3/4	200	241	3/4	200														
S-LOC 25	480	1	439	480	1	439	480	1 1/4	439	480	1 1/4	439														
CIRCLING	520	1	478	540	1	498	740	2	698	780	2 1/4	738														
NOTES: CHART PLANVIEW NOTE: TRANSITIONS TO HASBA INT MAY REQUIRE THE USE OF CROSSING RADIAL FROM ANOTHER TRANSITION FACILITY OR THE USE OF THE TRANSITIONS FACILITY'S DME.																										
# @ NA WHEN CONTROL TOWER CLOSED. # CAT C 700-2, CAT D 800-2 1/4 @ CAT D 800-2 1/4																										
CITY AND STATE NEWPORT NEWS, VA				ELEVATION: 42 TDZE: 41 AIRPORT NAME: NEWPORT NEWS/WILLIAMSBURG INTL				FACILITY IDENTIFIER: I-DHY		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 25, AMDT 2				SUP: AMDT: 1C DATED 04/28/2016												

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"/></div>		ZDC, ORF APP CON, PHF ATCT, AMGR, VA DOT			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME: <div>GEORGETTE P. BARNETT</div>				FIFO AJV-5412	DATE: 12/15/2016
APPROVED BY Mar 30, 2017					
NAME: <div>JULIE A. MORGAN</div>				FIFO AJV-5420	DATE:
CHANGES:					
<div>1. PFAF/FAF MOVED 0.10 NM, DISTANCE FROM PFAF/FAF TO THLD CHANGED FROM 5.89 TO 5.98.</div> <div>2. INTERMEDIATE SEGMENT LENGTH CHANGED FROM 6.01 NM TO 5.92 NM.</div> <div>3. DELETED NOTE "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED..."</div> <div>4. DELETED NOTE "VDP NA WITH NORFOLK INTL ALTIMETER SETTING."</div> <div>5. DELETED NOTE " WHEN VGSI INOP CIRCLING RWY 20 NA AT NIGHT."</div> <div>6. CHANGED PRIMARY MISSED APPROACH HOLDING FROM HCM VORTAC TO RIPPS INT, UPDATED MA INSTRUCTIONS.</div> <div>7. ADDED ALTERNATE MA WITH INSTRUCTIONS TO HCM VORTAC.</div> <div>8. CHANGED MSA FACILITY FROM HENRY (PJS) NDB TO ORF VORTAC.</div> <div>9. S-LOC 25 CAT D VISIBILITY CHANGED FROM 1 1/2 TO 1 1/4.</div> <div>10. CIRCLING MDA/HAA CAT B 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 ALTERNATE MINS CEILING/VIS REQUIREMENTS FOR CAT C AND D.</div>					
REASONS:					
<div>1/2. RE-CALCULATION USING TCH 55.2 FT.</div> <div>3. IAW 8260.19G PARA 8.6.6 F. (4).</div> <div>4. REMOVED BACK-UP ALTIMETER NOTES.</div> <div>5. OBSTACLE (KPHFL049) PENETRATION (20:1) TO RWY 20 REMOVED PER EASTERN FPT.</div> <div>6/7. PER ATC REQUEST.</div> <div>8. HENRY (PJS) NDB SCHEDULED FOR DECOMMISSION.</div> <div>9. UPDATED VISIBILITY IAW 8260.3B TABLE 3-5A AND AFS VISI CALCULATOR.</div> <div>10/11. APPLIED NEW CIRCLING CRITERIA.</div> <div>12. INCREASED DUE TO NEW CIRCLING MINIMUMS FOR CAT C AND D.</div>					
<div>03/28/17: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/15/16. (GPB)</div> <div>CHANGED PRIMARY MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 2500 ON HEADING 087 AND ON CCV VORTAC R-253 TO RIPPS INT/CCV 17.5 DME AND HOLD" TO "CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 2500 ON HEADING 080 AND ON CCV VORTAC R-254 TO HASBA INT/I-DHY 11.61 DME AND HOLD."</div> <div>ADDITIONAL FLT DATA: CHANGED "HOLD E, RT, 253.04 INBOUND" TO "HOLD NE, RT, 246.81 INBOUND."</div>					



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		HCM VORTAC		HASBA INT/I-DHY		1. TWR (51-000651)		371709.00N/0763049.00W		539 (2C)		1000		AT461		2000			
				11.61 DME		2. TERRAIN		372854.00N/0764006.00W		125 (100)				AS1500		1600			
FEEDER		ORF VORTAC		HASBA INT/I-DHY		3. TWR (51-000042)		370218.10N/0761827.54W		525 (1A)		1000		AT475		2000			
				11.61 DME		4. TERRAIN		365727.00N/0761536.00W		33 (0)				AS1500		1500			
INITIAL		CCV VORTAC		HASBA INT/I-DHY		5. AAO		371957.00N/0760024.00W		230 (4E)		1000		AT770		2000			
				11.61 DME		6. TERRAIN		371957.00N/0760024.00W		30 (0)				AS1500		1500			
INTERMEDIATE		HASBA INT/I-DHY		STEVE INT/I-DHY		7. AAO		371500.00N/0761500.00W		200 (2D)		500		AT1300		2000			
		11.61 DME		5.70 DME		8. TERRAIN		371754.00N/0761845.00W		0 (0)				AS1500		1500			
		(IF/IAF)																	
FINAL: ILS		STEVE INT/I-DHY		DA								ASC				241/200			
		5.70 DME																	
FINAL: LOC		STEVE INT/I-DHY		5.98 NM AFTER		9. AAO		371007.26N/0762516.19W		214 (2C)		250				480			
		5.70 DME		STEVE INT/I-DHY															
				5.70 DME OR AT															
				I-DHY 0.29 DME															
2. HOLD-IN-LIEU-OF-PT		HASBA		P-4		10. AAO		371933.00N/0761621.00W		223 (4E)		1000		AT777		2000			
						11. TERRAIN		371933.00N/0761621.00W		23 (0)				AS1500		1500			
3. MISSED APPROACH	MAP:		5.98 NM AFTER		HASBA INT/I-DHY						ASC				2500				
			STEVE INT/I-DHY		11.61 DME		12. TWR (51-000309)		371234.00N/0763234.00W		568 (5D)		1000		1600				
	ELEV:		72/230				13. TERRAIN		371321.00N/0763412.00W		102 (100)				AS1500				
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.															
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	478	15. TWR (51-000891)		370820.50N/0763123.80W		209 (1A)		300		520			
CATEGORY B		1.5 NM			450		498	16. TWR (51-001272)		370744.53N/0763218.67W		230 (1A)		300		540			
CATEGORY C		1.7 NM			450		698	17. TWR (51-001054)		370948.00N/0763208.00W		438 (2C)		300		740			
CATEGORY D		2.3 NM			550		738	18. TWR (51-001921)		371209.40N/0762951.50W		463 (2C)		300		780			
CATEGORY E		4.5 NM			550														
5. MINIMUM SAFE ALTITUDES																			
PRIMARY NAVAID: ORF VORTAC																			
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A	
360-090		TWR (51-001347)		029/24.0		756 (5D)		1800											
090-360		TWR (51-001802)		258/15.4		1282 (1A)		2300											
CITY AND STATE				ELEVATION: 42				FACILITY				PROCEDURE AND AMENDMENT NO:				REGION			
NEWPORT NEWS, VA				AIRPORT NAME: NEWPORT NEWS/WILLIAMSBURG INTL				I-DHY				ILS OR LOC RWY 25, AMDT 2				4 AEA CHECKED			

PART B - SUPPLEMENTAL DATA										<div>PART C - REMARKS:</div> <div>PRECIPITOUS TERRAIN EVALUATION COMPLETED.</div> <div>2. KPHF/KORF ASOS TRANSMITTED TO WMSCR.</div> <div>3. SOURCE: KPHF/KORF, DISTANCE: 19.97, HRS OPTN: 24</div> <div>ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.</div> <div>CAT A: 1.30NM</div> <div>CAT B: 1.81NM</div> <div>CAT C: 2.84NM</div> <div>CAT D: 3.70NM</div> <div>SEE ATTACHED AIRSPACE LETTER.</div> <div>RASS PRESSURE PATTERNS SAME</div> <div>KPHF 42.2, KORF 26.7</div> <div>RA = 48.1 (CONTINGENCY PURPOSES).</div> <div>VGSI DATA: 3.00/TCH 55</div> <div>100' VEGETATION USED PER FPO.</div> <div>ILS AND LOC INTERMEDIATE SEGMENT HAVE SAME CONTROLLING OBSTACLE AND HIGH TERRAIN.</div> <div>OBSTACLE (KPHFL049) PENETRATION TO RWY 20 CIRCLING VISUAL AREA REMOVED PER EASTERN FPT LTR DATED 12/15/16.</div> <div>MISSED APPROACH OBSTACLES CONT.</div> <div>ALTERNATE:</div> <div>ASC 2000</div> <div>12. TWR (51-000309) 371234.00N/0763234.00W 568 (5D)</div> <div>1000 1600</div> <div>14. TERRAIN 372236.00N/0764833.00W 148 (100) AS1500 1600</div> <div>QUALITY 4 CHECKED</div>																			
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING																					
PHF TOWER ZDC ARTCC ORF APP CON						N W S		OTHER: ASOS												SOURCE:KPHF / KORF									
						F A A														DISTANCE: 0 / 19.96									
						A / C														HOURS REMOTE OPERATION: 24 / BACKUP									
SATISFACTORY ON:																													
X		V H F		X		U H F														H F		LOCATION: KPHF				ADJUSTMENT: 0			
4. MONITOR STATUS		PRIMARY NAVAID: I-DHY																											
		MONITOR POINT: PHF ATCT																											
		HRS OPTN:		CAT 1		OPEN																							
				CAT 3		CLOSED																							
5. APPROACH & RUNWAY LIGHTING				ALS																									
				(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																									
				ALL WEATHER PIR-G 07, 25																									
				INSTRUMENT NPI-G 02, 20																									
7. RUNWAY VISUAL RANGE				APPROACH 07																									
				MIDFIELD																									
				ROLL OUT 25																									
8. GLIDE PATH				GP ANGLE: 3.00								ELEV RWY THRESHOLD:39.2																	
				DISTANCE FROM RWY: 1041								ELEV GP ANTENNA: 35.9																	
												THRESHOLD CROSSING HEIGHT:55.2																	
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: 12/15/2016																	
TITLE: AERONAUTICAL INFORMATION SPECIALIST												OFFICE: AJV-5412																	