

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 JETIT INT/I-PHF 7.58 DME OR AT I-PHF 1.60 DME									
HCM VORTAC			JAWES INT/I-PHF 13.60 DME			187.14 / 25.80			2000			CLIMB TO 2500 ON HEADING 067 AND ON CCV VORTAC R-253 TO RIPPS INT/CCV 17.50 DME AND HOLD. ALTERNATE MA (DO NOT CHART): CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2000 DIRECT HCM VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 253.04 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W HCM VORTAC, LT, 103.60 INBOUND. FAS OBST: 214 AAO 370546N/0763346W CHART VDP AT 2.81 DME* DISTANCE VDP TO THLD 1.20 NM. *LOC ONLY. CHART CIRCLING ICON.									
CVI VORTAC			MIDRE INT/I-PHF 17.60 DME			015.65 / 36.77			2100												
MIDRE INT/I-PHF 17.60 DME (IAF)			JAWES INT/I-PHF 13.60 DME (NOPT)			066.80 / 4.00 (I-PHF)			2000												
JAWES INT/I-PHF 13.60 DME (IF/IAF)			JETIT INT/I-PHF 7.58 DME			066.80 / 6.02 (I-PHF)			2000												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)												MAG VAR: 9W EPOCH YEAR: 1985									
2. HOLD SW JAWES, LT, 066.80 INBOUND, 2000 FT. IN LIEU OF PT (IAF)																					
3. FAC: 066.80 FAF: JETIT INT/I-PHF 7.58 DME 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: 1100																					
6. MIN GS INCPT: 2000 GS ALT AT: JETIT INT/I-PHF 7.58 DME 2000 OM: - MM: - IM: -																					
7. GS ANGLE: 3.00 TCH: 58.6																					
8. MSA FROM: ORF VORTAC 360-090 1800, 090-360 2300																					
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 07	280	2400	240	280	2400	240	280	2400	240	280	2400	240									
S-LOC 07	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:																					
# @ 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: 40 AIRPORT NAME: NEWPORT NEWS/WILLIAMSBURG INTL			FACILITY IDENTIFIER: I-PHF		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 7, AMDT 34					SUP: AMDT: 33A DATED 10/17/2013								

QUALITY
22
CHECKED

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	AAT	ALPA	APA	AOPA	NBAA
<div><input checked="" type="checkbox"/></div>	<div><input type="checkbox"/></div>	<div><input checked="" type="checkbox"/></div>	<div><input type="checkbox"/></div>	<div><input checked="" type="checkbox"/></div>	<div><input checked="" type="checkbox"/></div>
OTHER (specify) ZDC, ORF APP CON, PHF ATCT, AMGR, VA DOT					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
GEORGETTE P. BARNETT				AJV-5412	12/15/2016
APPROVED BY Feb 03, 2017					
NAME:				FIFO	DATE:
JULIE A. MORGAN				AJV-5420	
CHANGES:					
<div>1. PFAF/FAF MOVED .07 NM, DISTANCE FROM PFAF/FAF TO THLD CHANGED FROM 5.91 TO 5.98.</div> <div>2. INTERMEDIATE SEGMENT LENGTH CHANGED FROM 6.09 TO 6.02.</div> <div>3. DELETED NOTE "WHEN LOCAL ALTIMETER NOT RECEIVED..."</div> <div>4. ADDED "CHART CIRCLING ICON" IN ADDITIONAL FLIGHT DATA.</div> <div>5. DELETED TERMINAL ROUTE FROM FKN VORTAC TO MIDRE (IAF).</div> <div>6. DELETED HENRY (PJS) NDB BEARING 375 FROM PRIMARY MISSED APPROACH FIX AT RIPPS INT.</div> <div>7. CHANGED ALTERNATE MISSED APPROACH HOLDING FROM RIPPS INT TO HARCUM VORTAC.</div> <div>8. MSA FACILITY CHANGED FROM HENRY (PJS) NDB TO NORFOLK VORTAC.</div> <div>9. CHANGED CAT B CIRCLING MDA/HAA 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 2/14.</div> <div>10. ADDED ALTERNATE MINS CEILING/VIS REQUIREMENT OF 700-2 CAT C AND 800-2 1/4 CAT D FOR ILS AND LOC.</div> <div>11. DELETED NOTE: WHEN VGSI INOP CIRCLING...</div> <div>12. DELETED NOTE: VDP NA WITH NORFOLK INTL ALTIMETER SETTING.</div> <div>13. DELETED ALTERNATE MINIMUMS NOTE: NA WHEN LOCAL WEATHER NOT AVAILABLE.</div> <div>(SEE FORM 8260-10)</div>					
REASONS:					
<div>1/2. RE-CALCULATION USING TCH 58.6 FT.</div> <div>3. IAW 8260.19G PARA 8.6.6 F. (4).</div> <div>4/9. APPLIED NEW CIRCLING CRITERIA WITH APPROPRIATE NOTES.</div> <div>5. FKN VORTAC OTS.</div> <div>6/7/8. HENRY (PJS) NDB SCHEDULED FOR DECOMMISSION.</div> <div>10. NEW CIRCLING MINIMUMS RAISED ALT MINS FOR CAT C AND D.</div> <div>11. OBSTACLE KHPFL049 PENETRATION (20:1) TO RWY 20 CIRCLING VISUAL AREA REMOVED PER EASTERN FPT.</div> <div>12. REMOVED BACK-UP ALTIMETER NOTES.</div> <div>13. NOT REQUIRED.</div> <div>14. INCREASED DUE TO NEW CIRCLING MINIMUMS FOR CAT C AND D.</div> <div>15. RE-CALCULATED USING UPDATED HAT + TDZE. ADJUSTMENT OF 40 FT ADDED DUE TO MA PENETRATION.</div> <div>16. RE-CALCULATED USING UPDATE TDZE, VIS CHECK CALCULATOR.</div> <div>17. RE-CALCULATED USING UPDATED THLD ELEV.</div>					

QUALITY
22
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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.

QUALITY
22
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CITY AND STATE

NEWPORT NEWS, VA

ELEVATION: 42

TDZE: 40

AIRPORT NAME:

NEWPORT NEWS/WILLIAMSBURG INTL

FACILITY
IDENTIFIER:
I-PHF

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
ILS OR LOC RWY 7, AMDT 34

SUP:

AMDT: 33A

DATED: 10/17/2013

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. 14. ADDED ALTERNATE MINS CEILING AND VIS REQUIREMENTS FOR CAT C AND D. 15. S-ILS DA/HAT/VIS CHANGED FROM 290/251/RVR 4000 TO 280/240/RVR 2400. 16. S-LOC HAT CHANGED FROM 441 TO 440, CAT D VISIBILITY CHANGED FROM RVR 5000 TO RVR 4000. 17. DISTANCE VDP TO THLD CHANGED FROM 1.21 TO 1.20.					
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		HCM VORTAC		JAWES INT/I-PHF		1. TWR (51-000087)		371639.00N/0764505.00W		539 (3C)		1000		AT461		2000			
				13.60 DME		2. TERRAIN		372003.00N/0764706.00W		145 (100)				AS1500		1600			
FEEDER		CVI VORTAC		MIDRE INT/I-PHF		3. TWR (51-000784)		364814.00N/0764524.00W		1096 (1A)		1000				2100			
				17.60 DME		4. TERRAIN		363718.00N/0765212.00W		102 (100)				AS1500		1600			
INITIAL		MIDRE INT/I-PHF		JAWES INT/I-PHF		5. AAO		370145.00N/0764633.00W		309 (4D)		1000		AT691		2000			
		17.60 DME		13.60 DME		6. TERRAIN		370145.00N/0764633.00W		109 (100)				AS1500		1600			
INTERMEDIATE		JAWES INT/I-PHF		JETIT INT/I-PHF		7. TWR (51-002103)		370333.00N/0764123.70W		360 (5D)		500		AT1100		2000			
		13.60 DME		7.58 DME		8. TERRAIN		370024.00N/0764142.00W		112 (100)				AS1500		1600			
		(IF/IAF)																	
FINAL: ILS		JETIT INT/I-PHF		RW07								ASC		MA40		280/240			
		7.58 DME																	
FINAL: LOC		JETIT INT/I-PHF		5.98 NM AFTER		9. AAO		370546.07N/0763346.20W		214 (2C)		250				480			
		7.58 DME		JETIT INT/I-PHF															
				7.58 DME OR AT															
				I-PHF 1.60 DME															
2. HOLD-IN-LIEU-OF-PT		JAWES		P-4		7. TWR (51-002103)		370333.00N/0764123.70W		360 (5D)		1000		AT640		2000			
						8. TERRAIN		370024.00N/0764142.00W		112 (100)				AS1500		1600			
3. MISSED APPROACH	MAP:		DA / 5.98 NM		RIPPS INT/CCV		10. TREE (KPHFT0155)		370730.27N/0763021.59W		123 (1A)		ASC				2500		
			AFTER JETIT		17.50 DME		11. AAO		371115.00N/0762548.00W		214 (2C)		1000				1300		
	ELEV:		89/230				12. TERRAIN		370948.00N/0762730.00W		60 (100)				AS1500		1600		
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.															
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	478	15. TWR (51-000891)		370820.57N/0763123.81W		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-PHF				ILS OR LOC RWY 7, AMDT 34				AEA			

QUALITY
22
CHECKED

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:																					
1. COMMUNICATIONS WITH:					2. WEATHER SERVICE					3. ALTIMETER SETTING					PRECIPITOUS TERRAIN EVALUATION COMPLETED.																
ORF APP CON ZDC ARTCC PHF TOWER							N W S		OTHER: ASOS					SOURCE:KPHF / KORF					2. KPHF/KORF ASOS TRANSMITTED TO WMSCR. 3. SOURCE: KPHF/KORF, DISTANCE: 0/19.97, HRS OPTN: 24												
							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-PHF																													
		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: 37.2																			
				DISTANCE FROM RWY: 1100								ELEV GP ANTENNA: 32.5																			
												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: 12/15/2016																					
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5412																					

THE FOLLOWING LIST OF OBSTACLES (TREES) PENETRATE THE
ILS OR LOC RWY 7 MA SEGMENT. EASTERN FPT WILL
COORDINATE AT A LATER DATE TO HAVE THE PROCEDURE
AMENDED TO ATTAIN THE LOWEST MINIMUMS POSSIBLE ONCE
CONFIRMATION HAS BEEN RECEIVED THAT THE TREES HAVE
BEEN REMOVED/TOPPED. KPHFT0155, KPHFT2980, KPHFT2985,
KPHFT2983, KPHFT2982, KPHFT0147, KPHFT0143, KPHFT2976.

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 (FOR CONTINGENCY PURPOSES).

100' VEGETATION USED PER FPO.

ILS AND LOC INTERMEDIATE SEGMENT HAVE SAME CONTROLLING
OBSTACLE AND HIGH TERRAIN.

PROCEDURE TCH USED: 58.6

OBSTACLE (KPHFL049) PENETRATION TO RWY 20 CIRCLING
VISUAL AREA REMOVED PER EASTERN FPT LTR DATED
12/15/16.

MISSED APPROACH OBSTACLES CONT.
ALTERNATE:
10. TREE (KPHFT0155) 370730.27N/0763021.59W 123 (1A)
ASC 2000
13. TOWER (51-000309) 371234.00N/0763234.00W 568 (5D)
1000 1600
14. TERRAIN 371900.00N/0764336.00W 138 (100) AS1500
1600

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