

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: RW20 CLIMB TO 2000 DIRECT VINGR AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 018.76 INBOUND. CHART FAS OBST: 254 TREE 362003N/0773821W DISTANCE TO THLD FROM 200 HAT: 0.48 NM. CHART VDP AT 1.12 NM TO RW20* *LNAV ONLY. WAAS CHANNEL # 72725 REFERENCE PATH ID: W20A CHART CIRCLING ICON. LTP HAE: 8.1 M					
ZAKED (IAF)		POORK (NOPT) (TF) (FB) (RNP 1.00)			109.71 / 8.00			2000							
JOTMO (IAF)		POORK (NOPT) (TF) (FB) (RNP 1.00)			288.91 / 8.00			2000							
POORK (IF/IAF)		WAPEK (TF) (FB) (RNP 1.00)			198.81 / 8.42			2000							
WAPEK (FAF)		EXUZO/2.70 NM TO RW20 (TF) (FB) (RNP 0.30)			198.79 / 2.98										
EXUZO/2.70 NM TO RW20		RW20 (MAP) (TF) (FO) (RNP 0.30)			198.79 / 2.70										
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N POORK, RT, 198.81 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: 198.79 FAF: WAPEK DIST FAF TO MAP: 5.68 THLD: 5.68 4. MIN. ALT: POORK 2000, WAPEK 2000, EXUZO/2.70 NM TO RW20 1040* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2000 GS ALT AT: WAPEK 2000 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 51.0 34:1 IS CLEAR 8. MSA FROM: RW20 2500															
										MAG VAR: 10W			EPOCH YEAR: 2010		
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	344	1/2	200	344	1/2	200	344	1/2	200	344	1/2	200			
LNAV/VNAV DA	420	1/2	276	420	1/2	276	420	1/2	276	420	1/2	276			
LNAV MDA	520	1/2	376	520	1/2	376	520	5/8	376	520	5/8	376			
CIRCLING	560	1	415	600	1	455	760	1 3/4	615	860	2 1/4	715			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). @ CAT D 800-2 1/4 CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). CHART NOTE: CIRCLING NA E OF RWYS 2-20.															
CITY AND STATE		ELEVATION: 145 TDZE: 144			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:					SUP:			
ROANOKE RAPIDS, NC		AIRPORT NAME:			HALIFAX-NORTHAMPTON RGNL		RNAV (GPS) RWY 20, AMDT 2					AMDT: 1B			
												DATED 10/15/2015			



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></div>		AAT <div></div>		ALPA <div>X</div>	
APA <div></div>		AOPA <div>X</div>		NBAA <div>X</div>	
OTHER (specify) <div>ZDC, ARPT MGR</div>					
FLIGHT CHECKED BY					
NAME: <div>GEORGE EDWARD SEARLES</div>				FIFO FIOG	DATE: 04/14/2017
DEVELOPED BY					
NAME: <div>DANIEL D. OLSON (LEO PALMER)</div>				FIFO AJV-5422	DATE: 01/18/2017
APPROVED BY					
NAME: <div>JULIE A. MORGAN</div>				FIFO AJV-5420	DATE:
MANAGER					
CHANGES:					
<div>1. REMOVED BACKUP ALTIMETER NOTES</div> <div>2. INCREASED CIRCLING CAT C MINIMUMS FROM 600-1 1/2-455 TO 760-1 3/4-615</div> <div>3. INCREASED CIRCLING CAT D MINIMUMS FROM 700-2-555 TO 860-2 1/4-715</div> <div>4. CHANGED LPV DA AND VISIBILITY CAT A/B/C/D FROM 339-3/4 TO 344-1/2</div> <div>5. CHANGED BARO-VNAV HIGH TEMP NOTE FROM 42C (107F) TO 54 (130F)</div> <div>6. REMOVED FEEDER SEGMENT FROM FKN VORTAC TO JOTMO</div> <div>7. DELETED LVL FEEDER ROUTE</div> <div>8. NEW CONTROLLING OBSTACLES FOR CIRCLING CAT C AND D</div> <div>9. ADDED CHART CIRCLING ICON IN ADDITIONAL FLIGHT DATA.</div> <div>10. CHANGES FROM AMDT 1A AND 1B HAVE BEEN INCOORPORATED INTO THIS AMENDMENT.</div> <div>11. REMOVED NOTE: PROCEDURE NA FOR ARRIVALS ON FKN VORTAC AIRWAY RAIDALS 171 CW 288</div> <div>12. DELETED INOPERATIVE MALSR NOTES.</div>					
REASONS:					
<div>1. LOCAL ASOS ON WMSCR, RELIABLE PER FPT</div> <div>2,3, 8. NEW CIRCLING CRITERIA APPLIED</div> <div>4. CONVERTED THRESHOLD TO TOUCHDOWN ELEVATION</div> <div>5, 6, 7, 11. THE DECOMMISSIONING OF FKN VORTAC, PER FPT</div> <div>9. TERRAIN EVALUATION OBTAIN FROM QUAD CHART</div> <div>10, 12. TO MATCH CURRENT CRITERIA</div>					
<div>04/25/17: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 01/18/17.</div> <div>1. CHANGED FAS DATA, LENGTH OFFSET FROM 1080 BACK TO THE ORIGINAL 1072 VALUE.</div> <div>2. CHANGED CRC REMAINDER FROM 39F97DBD TO AE5B2927.</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
RW20 (MAP)	344 MSL (CA)	198.78	
344 MSL	VINGR (DF) (FO) (RNP 1.00)		2000

QUALITY
4
CHECKED

CITY AND STATE

ROANOKE RAPIDS, NC

ELEVATION: 145

TDZE: 144

AIRPORT NAME:

HALIFAX-NORTHAMPTON RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 20, AMDT 2

SUP:

AMDT: 1B

DATED: 10/15/2015

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:					

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIXA
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	362014.1245N
LTP/FTP LONGITUDE	0773801.7020W
LTP/FTP ELLIPSOIDAL HEIGHT	+00081
FPAP LATITUDE	361845.9400N
FPAP LONGITUDE	0773818.5300W
THRESHOLD CROSSING HEIGHT (TCH)	00051.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

AE5B2927

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00424
FPAP ORTHOMETRIC HEIGHT	+00424

QUALITY
4
CHECKED

CITY AND STATE ROANOKE RAPIDS, NC	ELEVATION: 145 AIRPORT NAME: HALIFAX-NORTHAMPTON RGNL	TDZE: 144 	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 20, AMDT 2	SUP:
					AMDT: 1B
					DATED: 10/15/2015

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.	
INITIAL		ZAKED		POORK		1. AAO		363433.00N/0774715.00W		535 (2C)	1000	AT465		2000	
						2. TERRAIN		363433.00N/0774715.00W		335 (300)		AS1500		1800	
INITIAL		JOTMO		POORK		3. AAO		363518.00N/0773724.00W		407 (2C)	1000	AT593		2000	
						4. TERRAIN		363518.00N/0773724.00W		207 (200)		AS1500		1700	
INTERMEDIATE		POORK (IF/IAF)		WAPEK		5. TOWER (37-001465)		362907.10N/0773623.10W		561 (2C)	500	AT939		2000	
						6. TERRAIN		363148.00N/0774054.00W		236 (200)		AS1500		1700	
FINAL: LPV		WAPEK		RW20							ASC			344/200	
FINAL: LNAV/VNAV		WAPEK		RW20		7. TREE (KIXAT0006)		362003.34N/0773821.22W		254 (1A)	161			420/276	
FINAL: LNAV		WAPEK		EXUZO/2.70 NM TO RW20		8. AAO		362333.00N/0773800.00W		360 (2C)	250	DG430		1040	
FINAL: LNAV STEPDOWN		EXUZO/2.70 NM TO RW20		RW20		7. TREE (KIXAT0006)		362003.34N/0773821.22W		254 (1A)	250			520	
2. HOLD-IN-LIEU-OF-PT		POORK		P-4		9. TOWER (51-001918)		363920.40N/0773420.90W		669 (5D)	1000	AT331		2000	
						10. TERRAIN		363854.00N/0774103.00W		296 (300)		AS1500		1800	
3. MISSED APPROACH	MAP:	DA / DA / RW20		VINGR							ASC			2000	
	ELEV:	174/254/420				11. TOWER (37-001436)		361102.00N/0774057.00W		522 (2C)	1000			1600	
						12. TERRAIN		360642.00N/0774457.00W		142 (100)		AS1500		1600	
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.											
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	415	13. TREE (KIXAT0173)		361949.32N/0773910.70W		258 (2C)	300	560	
CATEGORY B		1.5 NM			450		455	13. TREE (KIXAT0173)		361949.32N/0773910.70W		258 (2C)	300	HAA	600
CATEGORY C		1.7 NM			450		615	14. TOWER (37-001895)		362105.50N/0774041.30W		459 (1A)	300		760
CATEGORY D		2.3 NM			550		715	15. TOWER (37-001448)		362305.00N/0773839.00W		499 (5D)	300	AC50	860
CATEGORY E		4.5 NM			550										
5. MINIMUM SAFE ALTITUDES								PRIMARY NAVAID: RW20							
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A						
360-360	TWR (37-001057)	264/10.2	1427 (3C)	2500											
CITY AND STATE		ELEVATION: 145		FACILITY		PROCEDURE AND AMENDMENT NO:		REGION							
ROANOKE RAPIDS, NC		AIRPORT NAME: HALIFAX-NORTHAMPTON RGNL		RNAV		RNAV (GPS) RWY 20, AMDT 2		ASO							

QUALITY
4

CHECKED

PART B - SUPPLEMENTAL DATA										<div>PART C - REMARKS:</div> <div>PRECIPITOUS TERRAIN EVALUATION COMPLETED.</div> <div>VGSI DATA: 3.00/23.6.</div> <div>CRITICAL TEMPERATURES: CRITICAL LOW :-15C (+5F) CRITICAL HIGH :+54C (+130F) ACT :-15C APT ISA :-29.71C</div> <div>CRITICAL TEMPERATURE REMARKS AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION CRITICAL LOW TEMPERATURE BASED ON ACT. DESCENT RATE (FPM): STANDARD TEMP 956 HIGH TEMP 1116.</div> <div>ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.81NM CAT C: 2.84NM CAT D: 3.71NM</div> <div>NO ADDITIONAL AIRSPACE REQUIRED. RASS PRESSURE PATTERNS SAME KIXA 145.0, KASJ 68.0 RA = 62.9.</div> <div>100' TREE HEIGHT PER FPT.</div> <div>CIRCLING RESTRICTED TO WEST OF AIRPORT, TO AVOID TOWN OF HALIFAX, PER CHECKLIST REMARKS FROM FPT.</div> <div>PROCEDURE TCH 51.0' CARRIED OVER FROM PREVIOUS AMENDEMNT TO CLEAR GQS PENETRATION (SINCE REMOVED). ALSO ALLOWS FOR A 200' HAT.</div> <div><div>QUALITY 4 CHECKED</div></div>																			
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING																					
ZDC ARTCC RDU FSS						N W S		OTHER: ASOS												SOURCE:KIXA / KASJ									
						F A A														DISTANCE: 0 / 22.55									
						A / C														HOURS REMOTE OPERATION: 0/YES / 24/YES									
SATISFACTORY ON:																				LOCATION: KIXA									
X		V H F		X		U H F														H F		ADJUSTMENT: 0 / 63							
4. MONITOR STATUS		PRIMARY NAVAID:																											
		MONITOR POINT:																											
		HRS OPTN:		CAT 1																									
				CAT 3																									
5. APPROACH & RUNWAY LIGHTING				ALS																									
				(S) SALS																									
		X		MALSR 20 (PCL)																									
		X		HIRL 02 (PCL), 20 (PCL)																									
				MIRL																									
		X		REIL 02 (PCL)																									
				TDZ																									
				C/LINE																									
		X		OTHER (SPECIFY) PAPI-2L 02 (PCL), 20 (PCL)																									
6. RUNWAY MARKINGS				BASIC																									
				ALL WEATHER PIR-F 20																									
				INSTRUMENT NPI-F 02																									
7. RUNWAY VISUAL RANGE				APPROACH																									
				MIDFIELD																									
				ROLL OUT																									
8. GLIDE PATH				GP ANGLE: 3.00										ELEV RWY THRESHOLD:139.0															
				DISTANCE FROM RWY:										ELEV GP ANTENNA:															
														THRESHOLD CROSSING HEIGHT:51.0															
9. FINAL APPROACH COURSE AIMING						X		RUNWAY THRESHOLD												FT. FROM THRESHOLD									
						X		ON CENTERLINE												FT. FROM CENTERLINE									
10. WAIVERS: NONE																													
PART D - PREPARED BY: DANIEL D. OLSON (LEO PALMER)														DATE: 01/18/2017															
TITLE: AERONAUTICAL INFORMATION SPECIALIST														OFFICE: AJV-5422															