

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION NDB STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27										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		MAP: AKQ NDB								
SWING INT			AKQ NDB			247.45 / 10.57			2000		CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 2000 DIRECT AKQ NDB AND HOLD.								
HPW VORTAC			AKQ NDB			171.07 / 21.46			2000										
										ADDITIONAL FLIGHT DATA: HOLD SW, RT, 023.89 INBOUND. CHART FAS OBST: 365 TOWER 370328N/0765625W CHART CIRCLING ICON. FAC CROSSES RWY C/L EXTENDED 4066 FT FROM THLD.									
1. PT <u>R</u> SIDE OF COURSE <u>023.89</u> OUTBOUND <u>2000</u> FT WITHIN <u>10</u> MILES OF <u>AKQ NDB</u> (IAF)																			
2.																			
3. FAC <u>203.89</u> FAF										DIST FAF TO MAP THLD									
4. MIN. ALT																			
8. MSA FROM: <u>AKQ NDB 2300</u>										MAG VAR: <u>11W</u> EPOCH YEAR: <u>2020</u>									
MINIMUMS																			
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A X									
CATEGORY =====>		A			B			C			D			E					
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA				
S-20	1120	3	1010	1120	3	1010	1120	3	1010	1120	3	1010							
CIRCLING	1120	3	1009	1120	3	1009	1120	3	1009	1120	3	1009							
NOTES:																			
CHART NOTE: PROCEDURE NA AT NIGHT.																			
CITY AND STATE WAKEFIELD, VA				ELEVATION: 111 TDZE: 110 AIRPORT NAME:  WAKEFIELD MUNI				FACILITY IDENTIFIER: AKQ		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 20, AMDT 5				SUP AMDT 4D DATE 11/18/2010					



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>X</div> ORF APPCH, ZDC , AMGR, VA AIRPORT AUTHORITY			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
VICTOR B. NASO (DANIEL BOWMAN)				AJV-5413	04/11/2017
APPROVED BY					
NAME:				FIFO	DATE:
GEORGE DAVIS				AJV-5410	
MANAGER					
CHANGES:					
<div>1. CHANGED HAT FROM 1007 TO 1010.</div> <div>2. CHANGED HAA FROM 1007 TO 1009.</div> <div>3. ADDED "CHART CIRCLING ICON" TO ADDITIONAL FLIGHT DATA.</div> <div>4. CHANGED FAS OBSTACLE FROM 233 T-L TO 365 TOWER AT 370327.56N/07656.25W (51-002200).</div> <div>5. CHANGED FINAL, PT OUTBOUND 2 DEGREES AND MISSED APPROACH HOLDING FROM 022.00 TO 023.89.</div> <div>6. AIRPORT MAG VAR CHANGED FROM 6W 1985 TO 11W 2020, AKQ NDB FROM 9W 1985 TO 11W 2020.</div> <div>7. AIRPORT ELEV CHANGED FROM 113 TO 111.</div> <div>8. TDZE CHANGED FROM 113 TO 110.</div>					
REASONS:					
<div>1/2/7/8. REVISED AIRPORT SURVEY DATA.</div> <div>3. APPLIED NEW CIRCLING CRITERIA.</div> <div>4. REVISED OBSTACLE DATA.</div> <div>5/6. MAGVAR UPDATE EFFECTIVE 8/17/2017.</div>					
PDF EDIT: DELETED EXTRA SPACE BETWEEN "NOTE" AND "PROCEDURE" IN THE NOTES SECTION OF THE FRONT OF THE 8260-5. THIS EXTRA SPACE DOES NOT APPEAR IN SIAP, BUT DOES WHEN FORM IS PRINTED.					
<div>QUALITY 6 CHECKED</div>					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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PART - A OBSTRUCTION DATA

1. APP SEGMENT							FROM		TO		OBSTRUCTION		COORDINATES		ELEV. MSL	ROC	ALT. ADJUSTMENTS		MIN. ALT.	
FEEDER							SWING INT		AKQ NDB		1. TOWER (51-001240)		365723.80N/0765641.10W		515 (2C)		1000		AT485 2000	
											2. TERRAIN		370818.00N/0765157.00W		131 (100)				AS1500 1600	
FEEDER							HPW VORTAC		AKQ NDB		3. TOWER (51-001845)		370142.00N/0770606.00W		433 (4D)		1000		AT567 2000	
											4. TERRAIN		371145.00N/0765242.00W		151 (200)				AS1500 1700	
FINAL: PT							10 NM		AKQ NDB		5. TOWER (51-002200)		370327.56N/0765625.25W		365 (4D)		350		AC50 XP355 1120	
<b>2. PROCEDURE TURN</b>							AKQ NDB		10 NM		1. TOWER (51-001240)		365723.80N/0765641.10W		515 (2C)		1000		AT485 2000	
											6. TERRAIN		371024.00N/0765554.00W		164 (200)				AS1500 1700	
3. MISSED APPROACH		MAP:		AKQ NDB		AKQ NDB								ASC				2000		
								1. TOWER (51-001240)		365723.80N/0765641.10W		515 (2C)		1000		1600				
		ELEV:		770				7. TERRAIN		365609.00N/0770154.00W		122 (100)				AS1500 1600				
4. CIRCLING AREA		DISTANCE		REQUIRED     ACTUAL		HT. ABV. ARPT.														
CATEGORY A	1.3 NM		350			1009	8. TOWER (51-000090)	365835.00N/0770000.00W		424 (5D)		300		SI		1120				
CATEGORY B	1.5 NM		450			1009	8. TOWER (51-000090)	365835.00N/0770000.00W		424 (5D)		300		SI		1120				
CATEGORY C	1.7 NM		450			1009	8. TOWER (51-000090)	365835.00N/0770000.00W		424 (5D)		300		SI		1120				
CATEGORY D	2.3 NM		550			1009	1. TOWER (51-001240)	365723.80N/0765641.10W		515 (2C)		300		SI		1120				
CATEGORY E	4.5 NM		550																	
5. MINIMUM SAFE ALTITUDES PRIMARY NAVAID: AKQ NDB																				
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		
360-360		TWR (51-001802)		124/26.1		1282 (1A)		2300										QUALITY 6		
CITY AND STATE WAKEFIELD, VA				ELEVATION: 111 AIRPORT NAME: WAKEFIELD MUNI				FACILITY AKQ NDB				PROCEDURE AND AMENDMENT NO: NDB RWY 20, AMDT 5				REGION CHECKED AEA				

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:																						
1. COMMUNICATIONS WITH:					2. WEATHER SERVICE					3. ALTIMETER SETTING					THRESHOLD DISPLACED 471 FT.																	
ORF APP CON LEESBURG FSS							N W S		OTHER: ASOS			SOURCE:KAKQ					PRECIPITOUS TERRAIN EVALUATION COMPLETED.  HAT/HAA AT LEAST 1000 FEET, VISIBILITY 3 MILES AND PROCEDURE NA AT NIGHT PER VA AIRPORT AUTHORITY.  "VISUAL PORTION OF FINAL" PENETRATIONS:  20:1 178 TREE (KAKQT0059) 365938.27N/0765951.79W (30.94) 169 TREE (KAKQT0055) 365941.22N/0765951.26W (7.04)  34:1 175 TREE (KAKQT0044) 365945.08N/0765954.69W (25.87) 170 TREE (KAKQT0048) 365943.48N/0765951.24W (23.03) 172 TREE (KAKQT0039) 365946.70N/0765953.25W (17.27) 165 TREE (KAKQT0045) 365943.36N/0765948.51W (16.48) 175 TREE (KAKQT0031) 365950.32N/0765957.23W (12.72) 161 TREE (KAKQT0043) 365946.16N/0765956.33W (9.94) 172 TREE (KAKQT0024) 365950.48N/0765951.76W (5.48) 172 TREE (KAKQT0023) 365949.29N/0765945.75W (4.70) 179 TREE (KAKQT0011) 365953.19N/0765948.13W (2.25) 158 TREE (KAKQT0038) 365946.89N/0765950.90W (1.10)  CIRCLING RWY 2: 20:1 143 TREE (KAKQT0357) 365850.29N/0770011.75W (16.00) 196 TREE (KAKQT0416) 365839.09N/0770012.21W (14.28) 142 TREE (KAKQT0362) 365850.17N/0770013.31W (12.58) 155 TREE (KAKQT0383) 365847.39N/0770014.46W (10.78) 136 TREE (KAKQT0356) 365851.33N/0770015.27W (9.88) 143 TREE (KAKQT0371) 365849.19N/0770015.96W (5.72) 200 TREE (KAKQT0436) 365838.82N/0770021.88W (5.59) 142 TREE (KAKQT0372) 365848.78N/0770014.28W (4.71) 145 TREE (KAKQT0380) 365847.31N/0770012.28W (2.96) 186 TREE (KAKQT0419) 365840.57N/0770020.01W (2.25)  VGSI DATA: NONE.  VEGETATION 100' PER IFP CHECKLIST.  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  NO ADDITIONAL AIRSPACE REQUIRED.  XP=AIRPORT AUTHORITY REQUIREMENT															
																											DISTANCE:					
																											HOURS REMOTE OPERATION: 24 / YES					
SATISFACTORY ON:										LOCATION: KAKQ					ADJUSTMENT: 0																	
4. MONITOR STATUS		X		V H F		X		U H F				H F																				
		PRIMARY NAVAID: AKQ NDB																														
		MONITOR POINT: UNMONITORED																														
5. APPROACH & RUNWAY LIGHTING		HRS OPTN:		CAT 1																												
				CAT 3		24 HRS																										
		ALS																														
		(S) SALS																														
		MALS																														
		HIRL																														
		X		MIRL 02, 20																												
		REIL																														
		TDZ																														
C/LINE																																
OTHER (SPECIFY)																																
6. RUNWAY MARKINGS		BASIC																														
		ALL WEATHER																														
		INSTRUMENT NPI-F 02, 20																														
7. RUNWAY VISUAL RANGE		APPROACH																														
		MIDFIELD																														
		ROLL OUT																														
8. GLIDE PATH		GP ANGLE:					ELEV RWY THRESHOLD:																									
		DISTANCE FROM RWY:					ELEV GP ANTENNA:																									
							THRESHOLD CROSSING HEIGHT:																									
9. FINAL APPROACH COURSE AIMING						RUNWAY THRESHOLD 4066					FT. FROM THRESHOLD																					
				X		ON CENTERLINE					FT. FROM CENTERLINE																					
10. WAIVERS: NONE																																
PART D - PREPARED BY: VICTOR B. NASO (DANIEL BOWMAN)										DATE: 04/11/2017																						
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5413																						

