

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: HHG NDB						
FWA VORTAC		HHG NDB			245.46 / 14.56			2600		CLIMBING RIGHT TURN TO 2600 IN HHG NDB HOLDING PATTERN.						
CRETE		HHG NDB			329.15 / 5.69			2600								
ADDITIONAL FLIGHT DATA: HOLD W, RT, 082.81 INBOUND. CHART FAS OBST: 1085 TOWER 405128N/0853219W CHART CIRCLING ICON. FAC CROSSES RWY C/L EXTENDED 2994 FT FROM THLD.																
1. PT <u>L</u> SIDE OF COURSE <u>262.81</u> OUTBOUND <u>2600</u> FT WITHIN <u>10</u> MILES OF <u>HHG NDB</u> (IAF)																
2. _____																
3. FAC <u>082.81</u> FAF _____ DIST FAF TO MAP _____ THLD _____																
4. MIN. ALT _____																
8. MSA FROM: HHG NDB 2700										MAG VAR: 3W			EPOCH YEAR: 1990			
MINIMUMS																
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		STANDARD @							
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-09		1440	1	634	1440	1	634	1440	1 3/4	634	1440	1 3/4	634			
CIRCLING		1440	1	634	1440	1	634	1460	1 3/4	654	1540	2 1/4	734			
NOTES: CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON FWA VORTAC AIRWAY RADIALS 198 CW 294. CHART NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: CIRCLING RWY 27 NA AT NIGHT.																
@ NA WHEN FBO CLOSED. @ CAT D 800-2 1/4																
CITY AND STATE HUNTINGTON, IN		ELEVATION: 806 TDZE: 806 AIRPORT NAME: HUNTINGTON MUNI			FACILITY IDENTIFIER: HHG		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 9, AMDT 2, 04/27/2017						SUP AMDT 1 DATE 03/20/2003			

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE <div>04/27/2017</div>	
COORDINATED WITH:					
ATA <div></div>		AAT <div></div>		ALPA <div><input checked="" type="checkbox"/></div>	
APA <div></div>		AOPA <div><input checked="" type="checkbox"/></div>		NBAA <div><input checked="" type="checkbox"/></div>	
OTHER (specify) <div>ZUA, FWA APP CON, ARPT MGR</div>					
FLIGHT CHECKED BY					
NAME: <div>PENDING</div>				FIFO <div></div>	
DATE: <div></div>					
DEVELOPED BY					
NAME: <div>DANIEL D. OLSON (HEIDI SNIDER)</div>				FIFO <div>AJV-5423</div>	
DATE: <div>12/13/2016</div>					
APPROVED BY					
NAME: <div>JULIE A. MORGAN</div>				FIFO <div>AJV-5420</div>	
DATE: <div></div>					
CHANGES:					
<div>1. UPDATED TERMINAL ROUTE FWA VORTAC - HHG NDB COURSE/DIST FROM 239.52/14.58 TO 245.46/14.56. 2. UPDATED LINE 1 PT COURSE FROM 262.00 TO 262.81. 3. UPDATED LINE 3 FAC FROM 082.00 TO 082.81. 4. UPDATED ADDITIONAL FLIGHT DATA FAS OBST FROM 1161 TOWER 405127/853219 TO 1085 TOWER 405128N/0853219W. 5. UPDATED ADDITIONAL FLIGHT DATA HOLDING INBOUND COURSE FROM 082.00 TO 082.81. 6. UPDATED FAC CROSSES RWY C/L EXTENDED FROM 3015 TO 2994. 7. REMOVED CHART NOTE "USE FORT WAYNE ALTIMETER SETTING" ADDED CONTINGENCY ALTIMETER DATA. 8. UPDATED S-9 ALL CATS MDA FROM 1500 TO 1440. 9. UPDATED S-9 VISIBILITY CAT C FROM 2 TO 1 3/4, CAT D FROM 2 1/4 TO 1 3/4. 10. UPDATED CIRCLING MDA CAT A/B FROM 1500 TO 1440, CAT C 1500 TO 1460, CAT D FROM 1500 TO 1540. 11. UPDATED CIRCLING VISIBILITY CAT C FROM 2 TO 1 3/4. 12. ADDED CHART NOTE "RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED." 13. ADDED CHART NOTE "CIRCLING RWY 27 NA AT NIGHT." 14. UPDATED ALTERNATE MINIMUMS FROM NA TO STANDARD WITH NOTE @ CAT D 800 - 2 1/4. (SEE FORM 8260-10)</div>					
REASONS:					
<div>1, 18. RECALCULATION OF SEGMENT DUE TO FWA MAGVAR UPDATE AND OPTIMUM COURSE. 2-3, 5-6. OPTIMUM COURSE. 4. NEW CONTROLLING OBSTRUCTION FROM SURVEY NFDD1/6/11. 7. AIRPORT HAS LOCAL AWOS ON WMSCR, FORT WAYNE NOW USED AS CONTINGENCY ALTIMETER. 8, 10. NEW CONTROLLING OBSTRUCTIONS AND REMOVED OF REMOTE ALTIMETER ADJUSTMENT. 9, 11. VISI CALCULATIONS. 12. 34:1 PENETRATIONS. 13. RWY 27 20:1 UNLIT PENETRATIONS. 14. LOCAL WEATHER ON WMSCR IAW 8260.19G 8-6-4. 15. IAW CRITERIA 8260.19G, PARA 8-6-8 W. 16. IAW CRITERIA 8260.19G 8-6-7.F 17. TURN EXCEEDS 120 DEGREES. 19. PART TIME MONITORING IAW 8260.19G 8-6-4B(4).</div>					



**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.

QUALITY
24
CHECKED

CITY AND STATE

HUNTINGTON, IN

ELEVATION: 806

TDZE: 806

AIRPORT NAME:

HUNTINGTON MUNI

FACILITY
IDENTIFIER:

HHG

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

NDB RWY 9, AMDT 2, 04/27/2017

SUP:

AMDT: 1

DATED: 03/20/2003

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:
<div>CHANGES:</div> <div>CHANGES CONT.</div> <div>15. ADDITIONAL FLIGHT DATA: ADDED CHART CIRCLING ICON.</div> <div>16. UPDATED MISSED APPROACH INSTRUCTION FROM CLIMB TO 2600 IN HHG NDB HOLDING PATTERN TO CLIMBING RIGHT TURN TO 2600 IN HHG NDB HOLDING PATTERN.</div> <div>17. ADDED CHARTPLAN VIEW NOTE: PROCEDURE NA FOR ARRIVAL ON FWA VORTAC AIRWAY RADIALS 198 CW 294.</div> <div>18. UPDATED TERMINAL ROUTE CRETE - HHG NDB COURSE/DIST FROM 328.97/5.71 TO 329.15/5.69.</div> <div>19. ADDED NOTE, ALTERNATE MINIMUMS NA WHEN FBO CLOSED.</div> <div>PDF EDIT: SUP AMDT 1 DATE FROM 01/20/2005 TO 03/20/2003.</div>					
REASONS:					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
--	--	--

	PART - A OBSTRUCTION DATA
--	---------------------------

[illegible]

PART B - SUPPLEMENTAL DATA										
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING			
FWA APP CON ZAU ARTCC						N W S	OTHER: AWOS-3PT		SOURCE:KHHG / KFWA	
						F A A			DISTANCE: 0 / 14.09	
						A / C			HOURS REMOTE OPERATION: 0/YES / 24/YES	
SATISFACTORY ON:										
X	V H F	X	U H F		H F	LOCATION: KHHG			ADJUSTMENT: 0 / 34	
4. MONITOR STATUS		PRIMARY NAVAID: HHG NDB								
		MONITOR POINT: FBO								
		HRS OPTN:	CAT 1	OPEN						
			CAT 3	CLOSED						
5. APPROACH & RUNWAY LIGHTING		ALS								
		(S) SALS								
		MALS								
		HIRL								
		X	MIRL 09 (PCL), 27 (PCL)							
		X	REIL 09 (PCL), 27 (PCL)							
		TDZ								
		C/LINE								
6. RUNWAY MARKINGS		BASIC								
		ALL WEATHER								
		INSTRUMENT NPI-G 09, 27								
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 2994			FT. FROM THRESHOLD		
			X		ON CENTERLINE			FT. FROM CENTERLINE		
10. WAIVERS: NONE										
PART D - PREPARED BY: DANIEL D. OLSON (HEIDI SNIDER)						DATE: 12/13/2016				
TITLE: AERONAUTICAL INFORMATION SPECIALIST						OFFICE: AJV-5423				

PART C - REMARKS:	
VDP NOT ESTABLISHED - FINAL FACILITY DOES NOT HAVE DME.	
PT ENTRY OBSTACLE: #8 1279 TOWER (18-000775) 404441.00N/0852428.00W	
TERPS, VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS: RWY 9 34:1 873 TREE (KHHGT0131) 405105.67N/0852820.54W (23.76) 839 TREE (KHHGT0121) 405111.82N/0852809.69W (13.56) 836 POLE (18-026668) 405110.66N/0852809.55W (11.01) 834 TREE (KHHGT0117) 405111.22N/0852809.18W (9.78) 831 TREE (KHHGT0112) 405112.62N/0852808.15W (8.95) 831 TREE (KHHGT0114) 405113.96N/0852808.33W (8.39) 830 TREE (KHHGT0111) 405112.93N/0852807.99W (8.27) 832 TREE (KHHGT0116) 405110.18N/0852809.02W (8.26) 828 TREE (KHHGT0104) 405112.79N/0852807.13W (8.23) 828 TREE (KHHGT0105) 405112.55N/0852807.32W (7.83) 826 TREE (KHHGT0102) 405112.62N/0852806.64W (7.36) 828 TREE (KHHGT0109) 405112.32N/0852807.60W (7.22) 831 TREE (KHHGT0118) 405109.23N/0852809.30W (6.74) 822 RD (KHHGT0099) 405109.30N/0852805.37W (6.60) 822 RD (KHHGT0100) 405111.42N/0852805.46W (6.16) 827 TREE (KHHGT0110) 405112.05N/0852807.66W (6.12) 826 TREE (KHHGT0106) 405112.00N/0852807.43W (5.64) 827 TREE (KHHGT0113) 405110.57N/0852808.35W (4.73) 816 BUSH (KHHGT0094) 405111.42N/0852803.74W (4.04) 822 TREE (KHHGT0101) 405110.84N/0852806.55W (3.76) 824 POLE (18-026667) 405110.33N/0852807.67W (3.29) 823 TREE (KHHGT0107) 405111.04N/0852807.61W (2.35) 821 TREE (KHHGT0103) 405111.16N/0852806.86W (2.03) 813 BUSH (KHHGT0092) 405110.94N/0852803.35W (1.98) 815 BUSH (KHHGT0097) 405112.10N/0852804.20W (1.93)	
CIRCLING RWY 27 20:1 843 TREE (KHHGT0031) 405109.97N/0852642.72W (9.77) 848 TREE (KHHGT0024) 405109.05N/0852641.36W (9.37) 838 TREE (KHHGT0033) 405107.11N/0852643.32W (6.51) 844 TREE (KHHGT0018) 405110.68N/0852640.63W (2.89) 841 TREE (KHHGT0023) 405110.00N/0852641.30W (2.33) 847 TREE (KHHGT0013) 405111.05N/0852641.30W (2.20) 838 TREE (KHHGT0025) 405109.21N/0852641.90W (1.48) 837 TREE (KHHGT0027) 405111.76N/0852641.97W (1.24)	
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.83NM CAT C: 2.88NM CAT D: 3.77NM	
SEE ATTACHED AIRSPACE LETTER.	
RASS PRESSURE PATTERNS SAME KHHG 805.7 KFWA 814.5 RA = 33.64FT	
BLOCK 3 ALTIMETER SETTINGS SOURCE: KHHG AWOS KFWA ASOS	
70 FT VEGETATION USED IN PROCEDURE, PER IFP CHECKLIST.	
QUALITY 24 CHECKED	