

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION										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.									
NDB										STANDARD INSTRUMENT APPROACH PROCEDURE									
FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27																			
TERMINAL ROUTES										MISSED APPROACH									
FROM				TO			COURSE AND DISTANCE			ALTITUDE		MAP: UCP NDB							
CAPEL INT				UCP NDB			145.79 / 8.39			3400		CLIMBING RIGHT TURN TO 3000 IN THE UCP NDB HOLDING PATTERN.							
CUTTA INT				UCP NDB			058.67 / 13.64			3400									
VOLAN INT				UCP NDB			250.50 / 13.94			3400									
										ADDITIONAL FLIGHT DATA: HOLD NE, RT, 224.76 INBOUND FAS OBST: 1584 TOWER 410743N/0801716W FAC CROSSES RWY C/L EXTENDED 3007 FROM THLD CHART YOUNGSTOWN/WARREN ASOS: 123.750									
1. PT <u>L</u> SIDE OF COURSE <u>044.76</u> OUTBOUND <u>3000</u> FT WITHIN <u>10</u> MILES OF <u>UCP NDB</u> (IAF)																			
2. _____																			
3. FAC <u>224.76</u> FAF _____ DIST FAF TO MAP _____ THLD _____																			
4. MIN. ALT _____																			
8. MSA FROM: <u>UCP NDB 360-180 3000, 180-360 3600</u>										MAG VAR: 9W EPOCH YEAR: 05									
MINIMUMS																			
TAKEOFF:		STANDARD		X		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-23		2000	1 1/4	970	2000	1 1/2	970	2000	3	970		NA							
CIRCLING		2000	1 1/4	928	2000	1 1/2	928	2000	3	928		NA							
NOTES: CHART NOTES: USE YOUNGSTOWN/WARREN ALTIMETER SETTING; IF NOT RECEIVED, USE BUTLER COUNTY/K. W. SCHOLTER FIELD ALTIMETER SETTING AND INCREASE ALL MDA'S 40 FEET.																			
WHEN VGSI INOP, CIRCLING RWY 31 NA AT NIGHT.																			
CITY AND STATE				ELEVATION: 1072 TDZE: 1030				FACILITY IDENTIFIER:		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:				SUP					
NEW CASTLE, PA				NEW CASTLE MUNI				UCP		NDB RWY 23, AMDT 3				AMDT 2					
														DATE 15 JAN 1987					

ALL AFFECTED PROCEDURES REVIEWED? <input checked="checked" type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE <div style="text-align: center;">ROUTINE</div>	
COORDINATED WITH:					
ATA <input type="checkbox"/>	AAT <input type="checkbox"/>	ALPA <input checked="checked" type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input checked="checked" type="checkbox"/>	NBAA <input checked="checked" type="checkbox"/>
				OTHER (specify) <input checked="checked" type="checkbox"/>	ZOB, YNG APP CON, AIRPORT MANAGER
FLIGHT CHECKED BY					
NAME: GREGORY J. MARINO				FIFO ACY	DATE: 03/15/2005
NAME: ROSS F. BARTO				DEVELOPED BY <i>Ross F. Barto</i>	FIFO AVN-110
NAME: JOHN R. PANNELL				APPROVED BY <i>John R. Pannell</i>	DATE: APR 8 2005
CHANGES:					
1. "OR GPS" REMOVED FROM NAME. 2. REVISED FINAL COURSE FROM 221 TO 225. 3. DELETED NDB/VOR MINIMUMS. 4. BUTLER COUNTY/K. W. SCHOLTER FIELD NOW BEING USED AS BACK-UP ALTIMETER SOURCE. 5. S-23 AND CIRCLING MDA'S/HAT/HAA AND VISIBILITIES RAISED TO 2000/970 AND 2000/928; VISIBILITY CAT A TO 1 1/4, CAT B TO 1 1/2, AND CAT C TO 3. 6. MSA 360-180 RAISED FROM 2900 TO 3000. 7. CAT D MINIMUMS REMOVED FROM PROCEDURE. 8. FEEDER ROUTES MINIMUM ALTITUDE FROM CUTTA RAISED FROM 3100 TO 3400 AND FROM VOLAN RAISED FROM 3300 TO 3400.					
REASONS:					
1. STAND ALONE RNAV (GPS) RWY 23 PROCEDURE DEVELOPED. 2. IAPA SELECTED AND MAG VAR UPDATE. 3. PER FLIGHT CHECK, YNG R-142 UNSAT. 4. LOWER RASS ADJUSTMENT. 5. STEPDOWN FIX REMOVED AND NEW OBSTACLE EVALUATION. 6. NEW CONTROLLING OBSTACLE. 7. DIRECTED BY NYC FPO. 8. CONSISTANT PT ENTRY ALTITUDE.					