

<b>RNAV - STANDARD</b> <b>US DEPARTMENT OF TRANSPORTATION</b> <b>FEDERAL AVIATION ADMINISTRATION</b>						<b>INSTRUMENT APPROACH PROCEDURE</b> <b>TITLE 14 CFR PART 97.33</b>										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: RW05  CLIMB TO 3000 DIRECT ZARTO AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD NE, RT, 228.89 INBOUND. CHART FAS OBST: 1219 TREE 405944N/0802742W. CHART 1339 TREE 405925N/0802825W DISTANCE TO THLD FROM 280 HAT: 0.73 NM. CHART VDP AT 1.29 NM TO RW05* *LNAV ONLY. WAAS CHANNEL # 78005 REFERENCE PATH ID: W05A LTP HAE: 277.4 M											
ZUTIV (IAF)				FIVEG (NOPT) (TF) (FB) (RNP 1.00)				117.12 / 8.59				3600													
FIVEG (IF/IAF)				ZULAX (TF) (FB) (RNP 1.00)				048.68 / 6.20				2700													
ZULAX (FAF)				BUCTA/2.90 NM TO RW05 (TF) (FB) (RNP 0.30)				048.73 / 2.13																	
BUCTA/2.90 NM TO RW05				RW05 (MAP) (TF) (FO) (RNP 0.30)				048.73 / 2.90																	
RW05 (MAP)				1307 MSL (CA)				048.73				3000													
1307 MSL				ZARTO (DF) (FO) (RNP 1.00)																					
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SW FIVEG, LT, 048.73 INBOUND, 3600 FT. IN LIEU OF PT (IAF) 3. FAC: 048.73 FAF: ZULAX DIST FAF TO MAP: 5.03 THLD: 5.03 4. MIN. ALT: FIVEG 3600, ZULAX 2700, BUCTA/2.90 NM TO RW05 2000* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2700 GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 53.0 20:1 IS CLEAR 34:1 IS NOT CLEAR 8. MSA FROM: RW05 3600																MAG VAR: 9W EPOCH YEAR: 2005									
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	1307	1	280	1307	1	280	1307	1	280		NA														
LNAV MDA	1480	1	453	1480	1	453	1480	1 3/8	453		NA														
CIRCLING	1580	1	510	1700	1	630	1700	1 3/4	630		NA														
NOTES: CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). CHART NOTE: VDP NA WHEN USING YOUNGSTOWN-WARREN RGNL ALTIMETER SETTING. PBN REQUIREMENTS NOTE: RNP APCH. CHART NOTE: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. (CONTINUED ON PAGE 2)																									
CITY AND STATE				ELEVATION: 1070 TDZE: 1027				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:									
NEW CASTLE, PA				AIRPORT NAME:				RNAV				RNAV (GPS) RWY 5, AMDT 1C				AMDT: 1B									
				NEW CASTLE MUNI								24 MAY 2018				DATED 03/05/2015									

QUALITY  
 24  
 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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**NOTES, (CONT.):**

**CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE YOUNGSTOWN-WARREN RGNL ALTIMETER SETTING AND INCREASE ALL DA 61 FT AND ALL MDA 80 FT; INCREASE LNAV CAT C AND CIRCLING CAT C VISIBILITY 1/4 SM.**

QUALITY  
24  
CHECKED

CITY AND STATE  NEW CASTLE, PA	ELEVATION: 1070 AIRPORT NAME:  NEW CASTLE MUNI	TDZE: 1027	FACILITY IDENTIFIER:  RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  RNAV (GPS) RWY 5, AMDT 1C  24 MAY 2018	SUP:
					AMDT: 1B
					DATED: 03/05/2015

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KUCP
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	410120.8385N
LTP/FTP LONGITUDE	0802505.2630W
LTP/FTP ELLIPSOIDAL HEIGHT	+02774
FPAP LATITUDE	410229.3500N
FPAP LONGITUDE	0802349.9200W
THRESHOLD CROSSING HEIGHT (TCH)	00053.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1536
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 1911D56E

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03115
FPAP ORTHOMETRIC HEIGHT	+03115

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24  
CHECKED

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				AMDT: 1B
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