

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION						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													
TASUY (IF/IAF)		CIBSO (FB)		273.53 / 7.65				2600		LPV: DA LNAV/VNAV: DA LNAV: RW27											
CIBSO (FAF)		TEYOB/2.50 NM TO RW27 (FB)		273.42 / 2.12						CLIMB TO 3000 DIRECT HAFHU AND HOLD.											
TEYOB/2.50 NM TO RW27		RW27 (MAP) (FO)		273.42 / 2.50																	
RW27 (MAP)		1370 MSL		273.42																	
1370 MSL		HAFHU (FO)						3000													
														<b>ADDITIONAL FLIGHT DATA:</b> HOLD W, RT, 093.19 INBOUND. CHART FAS OBST: 1206 TREE 395239N/0851803W DISTANCE TO THLD FROM 283 HATH: 0.76 NM. CHART VDP AT 1.04 MILES TO RW27* *LNAV ONLY. WAAS CHANNEL # 90136 REFERENCE PATH ID: W27A CHART CIRCLING ICON. LTP HAE: 297.4 M							
1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF) 2. HOLD E TASUY, RT, 273.53 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 273.42 FAF: CIBSO DIST FAF TO MAP: 4.62 THLD: 4.62 4. MIN. ALT: TASUY 3000, CIBSO 2600, TEYOB/2.50 NM TO RW27 1920* 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 6. MIN GS INCPT: 2600 GS ALT AT: CIBSO 2600 OM: MM: IM: 7. GS ANGLE: 3.00 TCH: 42.0 34:1 IS NOT CLEAR 8. MSA FROM:														MAG VAR: 2W EPOCH YEAR: 1980							
MINIMUMS																					
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A X											
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	1370	1	283	1370	1	283	1370	1	283	1370	1	283									
LNAV/VNAV DA	1484	1 3/8	397	1484	1 3/8	397	1484	1 3/8	397	1484	1 3/8	397									
LNAV MDA	1460	1	373	1460	1	373	1460	1	373	1460	1	373									
CIRCLING	1520	1	432	1540	1	452	1760	2	672	1760	2 1/4	672									
<b>NOTES:</b> CHART NOTE: NIGHT LANDING: RWY 9 NA. CHART NOTE: BARO-VNAV NA WHEN USING INDIANAPOLIS INTL ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F). CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE INDIANAPOLIS INTL (SEE FORM 8260-10)																					
CITY AND STATE  NEW CASTLE, IN				ELEVATION: 1088 THRE: 1087 AIRPORT NAME:  NEW CASTLE-HENRY CO MUNI				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG 13 NOVEMBER 2014				SUP: AMDT: NONE DATED							

**RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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## NOTES, (CONT.):

ALTIMETER SETTING AND INCREASE ALL DA 147 FT AND ALL MDA 160 FT; INCREASE LPV ALL CATS, LNAV/VNAV

ALL CATS AND LNAV CAT C/D AND CIRCLING CAT C/D VISIBILITIES 1/2 MILE.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VDP NA WITH INDIANAPOLIS INTL ALTIMETER SETTING.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

## TAA

	FROM	TO	ALT
1.	184/30 CW 004/30 (NOPT)	TASUY (IF/IAF) (FB)	3000
2.	004/30 CW 184/30	TASUY (IF/IAF) (FO)	3000

QUALITY  
2  
CHECKED

CITY AND STATE

NEW CASTLE, IN

ELEVATION: 1088

THRE: 1087

AIRPORT NAME:

NEW CASTLE-HENRY CO MUNI

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 27, ORIG

13 NOVEMBER 2014

SUP:

AMDT: NONE

DATED:

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

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

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KUWL
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	395232.6095N
LTP/FTP LONGITUDE	0851913.7530W
LTP/FTP ELLIPSOIDAL HEIGHT	+02974
FPAP LATITUDE	395234.7105N
FPAP LONGITUDE	0852109.4540W
THRESHOLD CROSSING HEIGHT (TCH)	00042.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1632
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

**CRC REMAINDER**

F3E11520

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03313
FPAP ORTHOMETRIC HEIGHT	+03313

QUALITY  
2  
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CITY AND STATE  NEW CASTLE, IN	ELEVATION: 1088      THRE: 1087	FACILITY IDENTIFIER:  RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  RNAV (GPS) RWY 27, ORIG  13 NOVEMBER 2014	SUP:
	AIRPORT NAME:  NEW CASTLE-HENRY CO MUNI			AMDT:      NONE
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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KUWLK5FR27	ATASUY	010TASUYK5EA0EE	AR	HF		27350040		+ 03000	18000			A JS	
SUSAP KUWLK5FR27	R	010TASUYK5EA0E	I	IF				+ 03000	18000			A JS	
SUSAP KUWLK5FR27	R	020CIBSOK5EA1E	F	051TF		27350077		+ 02600				A JS	
SUSAP KUWLK5FR27	R	020CIBSOK5EA2WALPV			ALNAV/VNAV							JS	
SUSAP KUWLK5FR27	R	021TEYOBK5EA0E	S	031TF		27340021		V 0192001925		-300		A JS	
SUSAP KUWLK5FR27	R	030RW27 K5PGOGY	M	031TF		27340025		01129		-300		A JS	
SUSAP KUWLK5FR27	R	040		0 M	CA	2734		+ 01370				A JS	
SUSAP KUWLK5FR27	R	050HAFHUK5EA0EY		DF				+ 03000				A JS	
SUSAP KUWLK5FR27	R	060HAFHUK5EA0EE	R	HM		09320040		+ 03000				A JS	

[illegible][illegible]

QUALITY  
2  
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	AIRPORT NAME: <b>NEW CASTLE-HENRY CO MUNI</b>		<b>RNAV (GPS) RWY 27, ORIG</b>	AMDT: <b>NONE</b>
			<b>13 NOVEMBER 2014</b>	DATED:

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	TASUY	TASUY	010	IAF	HF	R	FO		273.5(271.5T)	004.0	AA 03000	
		TASUY	010	FACF	IF		FB				AA 03000	
		CIBSO	020	FAF	TF		FB	0.5	273.5(271.5T)	007.7	AA 02600	
		TEYOB	021	SDF	TF		FB	0.3	273.4(271.4T)	002.1	AA 01920	GS 01925
		RW27	030	MAP	TF		FO	0.3	273.4(271.4T)	002.5	AT 01129	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		273.4(271.4T)		AA 01370	
	HAFHU	050		DF		FO				AA 03000	
	HAFHU	060		HM	R	FO		093.2(091.2T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CIBSO	N395225.87	W0851313.83	N3952.431	W08513.231
	HAFHU	N395249.78	W0853550.90	N3952.830	W08535.848
	TASUY	N395214.03	W0850317.86	N3952.234	W08503.298
	TEYOB	N395229.00	W0851558.97	N3952.483	W08515.983
	RW27	N395232.61	W0851913.75	N3952.544	W08519.229

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	01087	42

QUALITY  
2  
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