

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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	
ANOPE (IAF)	KROWL (NOPT) (FB)	114.50 / 5.00	3200	LPV: DA LNAV/VNAV: DA LNAV: RW03
PUCBY (IAF)	KROWL (NOPT) (FB)	294.64 / 5.00	3200	
KROWL (IF/IAF)	HAROY (FB)	024.57 / 4.04	2200	CLIMB TO 3200 DIRECT JAPUT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3200.
HAROY	COPAP (FB)	024.58 / 2.00	1700	

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 204.63 INBOUND.
CHART FAS OBST: 499 TREE 421540N/0734355W
CHART: 541 TREE 421214.66N/0734311.10W.
DISTANCE TO THLD FROM 302 HAT: 0.82 NM.
WAAS CHANNEL # 77715
REFERENCE PATH ID: W03A

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW KROWL, RT, 024.57 INBOUND, 3200 FT. IN LIEU OF PT (IAF)
- FAC: 024.59 FAF: COPAP DIST FAF TO MAP: 4.53 THLD: 4.53
- MIN. ALT: KROWL 3200, HAROY 2200, COPAP 1700
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 1700 GS ALT AT: COPAP 1700 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 13W

EPOCH YEAR: 1965

MINIMUMS

TAKEOFF:	<input type="checkbox"/> STANDARD	<input checked="" type="checkbox"/> X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	<input type="checkbox"/> 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	500	1	302	500	1	302	500	1	302	500	1	302			
LNAV/VNAV DA	842	2 1/4	644	842	2 1/4	644	842	2 1/4	644	842	2 1/4	644			
LNAV MDA	760	1	562	760	1	562	760	1 1/2	562	760	1 3/4	562			
CIRCLING	760	1	562	820	1	622	860	1 3/4	662	920	2 1/4	722			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING ALBANY ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CITY AND STATE HUDSON, NY	ELEVATION: 198 TDZE: 198 AIRPORT NAME: COLUMBIA COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, ORIG 17 DEC 2009	SUP: AMDT: NONE DATED
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NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ALBANY ALTIMETER SETTING AND INCREASE ALL DA 76FT AND MDA 80FT, INCREASE LPV ALL CATS, LNAV/VNAV ALL CATS, LNAV CATS C AND D, AND CIRCLING CAT D VISIBILITY 1/4 MILE, AND CIRCLING CAT C VISIBILITY 1/2 MILE.

TAA

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	295/30 CW 115/30 (NOPT)	295/9 CW 115/9	6400
2.	295/9 CW 115/9	KROWL (IF/IAF) (FB)	3200
3.	115/30 CW 205/30	115/7 CW 205/7	6300
4.	115/7 CW 205/7	ANOPE (IAF) (FB)	4600
5.	205/30 CW 295/30	PUCBY (IAF) (FB)	4900

CITY AND STATE

HUDSON, NY

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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	1B1
RUNWAY	RW03
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	421702.7795N
LTP/FTP LONGITUDE	0734244.3145W
LTP/FTP ELLIPSOIDAL HEIGHT	+00289
FPAP LATITUDE	421830.0900N
FPAP LONGITUDE	0734220.1600W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1120
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 192728F6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00604
FPAP ORTHOMETRIC HEIGHT	+00604

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ANOPE	ANOPE	010	IAF	IF		FB				
	ANOPE	KROWL	020		TF		FB	1.0	114.5 (102T)	005.0	03200
	KROWL	KROWL	010	IAF	HF	R	FO		024.6 (012T)	004.0	03200
	PUCBY	PUCBY	010	IAF	IF		FB				
	PUCBY	KROWL	020		TF		FB	1.0	294.6 (282T)	005.0	03200
		KROWL	010	FACF	IF		FB				03200
		HAROY	011	SDF	TF		FB	0.5	024.6 (012T)	004.0	02200
		COPAP	020	FAF	TF		FB	0.5	024.6 (012T)	002.0	01700
		RW03	030	MAP	TF		FO	0.3	024.6 (012T)	004.5	00238

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JAPUT	040		DF		FO	1.0			03200
	JAPUT	050		HM	R	FO	2.0	204.6 (192T)	004.0	03200

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ANOPE	N420741.26	W0735210.62	N4207.688	W07352.177
	COPAP	N421236.22	W0734357.91	N4212.604	W07343.965
	HAROY	N421038.82	W0734430.27	N4210.647	W07344.505
	JAPUT	N422821.26	W0733936.22	N4228.354	W07339.604
	KROWL	N420641.26	W0734535.64	N4206.688	W07345.594
	PUCBY	N420540.88	W0733900.87	N4205.681	W07339.015
	RW03	N421702.78	W0734244.31	N4217.046	W07342.739

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW03	00198	40

QUALITY
1
CHECKED

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