

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)  
TITLE 14 CFR PART 97.37**

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Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>CITY, STATE</u>	<u>AIRPORT</u>	<u>EFFECTIVE DATE</u>	<u>AMDT NO</u>
HUDSON, NY	COLUMBIA COUNTY	19 JULY 2018	1A

**TAKEOFF MINIMUMS:**

RWY 3, STANDARD  
RWY 21, STANDARD WITH A MINIMUM CLIMB OF 210 FT PER NM TO 2300 OR 2300-3 FOR CLIMB IN VISUAL CONDITIONS.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 3 - CLIMB HEADING 024.60 TO 1500 BEFORE PROCEEDING ON COURSE  
RWY 21 - CLIMB HEADING 189.60 TO 2300 BEFORE PROCEEDING ON COURSE

**VISUAL CLIMB OVER AIRPORT:**

RWY 21: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS COLUMBIA COUNTY AIRPORT AT OR ABOVE 2300 BEFORE PROCEEDING ON COURSE.

**TAKEOFF OBSTACLE NOTES:**

**NOTE: RWY 03,** TREE 187 FT FROM DER, 499 FT RIGHT OF CENTERLINE, 36 FT AGL/239 FT MSL. TREES BEGINNING 353 FT FROM DER, 101 FT RIGHT OF CENTERLINE, UP TO 44 FT AGL/246 FT MSL. TREE 429 FT FROM DER, 134 FT LEFT OF CENTERLINE, 223 FT MSL. TREE 430 FT FROM DER, 183 FT LEFT OF CENTERLINE, 225 FT MSL. TREES BEGINNING 432 FT FROM DER, 208 FT LEFT OF CENTERLINE, UP TO 230 FT MSL. POLE 613 FT FROM DER, 655 FT LEFT OF CENTERLINE, 43 FT AGL/244 FT MSL. TREE 839 FT FROM DER, 501 FT LEFT OF CENTERLINE, 65 FT AGL/263 FT MSL. TREES BEGINNING 1019 FT FROM DER, 555 FT RIGHT OF CENTERLINE, UP TO 102 FT AGL/308 FT MSL. TREES, POLES BEGINNING 1206 FT FROM DER, 226 FT LEFT OF CENTERLINE, UP TO 64 FT AGL/271 FT MSL. TREE 2197 FT FROM DER, 748 FT LEFT OF CENTERLINE, 80 FT AGL/278 FT MSL. TREES BEGINNING 2264 FT FROM DER, 116 FT LEFT OF CENTERLINE, UP TO 76 FT AGL/281 FT MSL. TREES BEGINNING 2330 FT FROM DER, 188 FT LEFT OF CENTERLINE, UP TO 91 FT AGL/299 FT MSL. TREE 3229 FT FROM DER, 451 FT LEFT OF CENTERLINE, 96 FT AGL/300 FT MSL. TREE 3401 FT FROM DER, 582 FT LEFT OF CENTERLINE, 77 FT AGL/313 FT MSL. TREE 3966 FT FROM DER, 348 FT LEFT OF CENTERLINE, 75 FT AGL/321 FT MSL. TREE 4015 FT FROM DER, 443 FT RIGHT OF CENTERLINE, 88 FT AGL/321 FT MSL. TREE 4068 FT FROM DER, 804 FT LEFT OF CENTERLINE, 80 FT AGL/332 FT MSL. TREES BEGINNING 4189 FT FROM DER, 470 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/338 FT MSL.

**NOTE: RWY 21,** FENCE 104 FT FROM DER, 373 FT LEFT OF CENTERLINE, 12 FT AGL/203 FT MSL. TREE 483 FT FROM DER, 570 FT RIGHT OF CENTERLINE, 64 FT AGL/250 FT MSL. TREES BEGINNING 563 FT FROM DER, 494 FT LEFT OF CENTERLINE, UP TO 76 FT AGL/253 FT MSL. TREE 680 FT FROM DER, 532 FT RIGHT OF CENTERLINE, 76 FT AGL/256 FT MSL.

**CONTROLLING OBSTACLES:**

**RWY 21 - (VCOA):** 4199 FT MSL AAO, 421612.94N/0740722.69W, 609 FT MSL TREE, 421922.34N/0734017.07W

**OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:**

**RWY 3:** 4199 FT MSL AAO, 421612.94N/0740722.69W, 1994 FT MSL TWR, 421822.00N/0732927.00W

**RWY 21:** 3855 FT MSL AAO, 420944.00N/0740448.00W, 4199 FT MSL AAO, 421612.94N/0740722.69W, 969 FT MSL AAO, 41320.27N/0733949.68W

**REMARKS:**

RWY 3 ICA EXTENDED TO MEET 1500 FOOT ALTITUDE BEFORE PROCEEDING ON COURSE.  
RWY 21 ICA OFF-SET 15 DEGREES TO ACCOMMODATE HEADING FLOWN ON DEPARTURE.  
RWY 21 CLIMB GRADIENT ESTABLISHED TO KEEP THE DEAD RECKONING SEGMENT LENGTH 10 NM.  
NEW EVALUATION ALLOWS NOTAM FDC 7/7369 TO BE CANCELLED ON PROCEDURE PUBLICATION DATE .

**FLIGHT INSPECTED BY:**

DAMIAN VERELLEN

*Digitally signed by*  
**DAVID TEFFETELLER**  
Apr 12, 2018

**OFFICE SYMBOL:**

FICO

**DATE:**

04/10/2018

**DEVELOPED BY:**

JAMES LAFFERTY

*Digitally signed by*  
**JAMES LAFFERTY**  
Mar 08, 2018

**OFFICE SYMBOL:**

AJV-5433

**DATE:**

03/08/2018

**APPROVED BY:**

PATRICK MULQUEEN

*Digitally signed by*  
**DAVID TEFFETELLER**  
Apr 12, 2018

**OFFICE SYMBOL:**

AJV-5430

**DATE:**

**REQUIRED EFFECTIVE DATE:**

ROUTINE



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HUDSON, NY

**AIRPORT**  
COLUMBIA COUNTY

**EFFECTIVE DATE**  
19 JULY 2018

**AMDT NO**  
1A

**COORDINATED WITH:**

<b><u>A4A</u></b>	<b><u>ALPA</u></b>	<b><u>AOPA</u></b>	<b><u>APA</u></b>	<b><u>HAI</u></b>	<b><u>NBAA</u></b>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**OTHER:**

ALBANY APP CON, ZBW, APRT MGR

**CHANGES - REASONS:**

1. UPDATED TAKEOFF OBSTACLE FOR BOTH RWY'S - UPDATED SURVEY INFORMATION APPLIED TO DEPARTURE BUILD.
2. CHANGED WEATHER REQUIREMENTS FOR VCOA FROM "2200-2 1/2" TO "2300-3". - UPDATED PER 8260.3C CRITERIA.
3. CHANGED CLIMB-TO-ALTITUDE FOR VCOA FROM "2200" TO "2300". - UPDATED PER 8260.3C CRITERIA.

