

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

| City, State | Airport | Effective Date | Amdt. No. |
|-------------|-----------------|----------------|-----------|
| HUDSON, NY | COLUMBIA COUNTY | 31 MARCH 2016 | 1 |

TAKEOFF MINIMUMS:

RWY 3, STANDARD.
RWY 21, STANDARD WITH A MINIMUM CLIMB OF 210 FT PER NM TO 2300 OR 2200-2 ½ 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 2200 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 3, TREES BEGINNING 188 FT FROM DER, 489 FT RIGHT OF CENTERLINE UP TO 44 FT AGL/246 FT MSL. TREES AND POLES BEGINNING 613 FT FROM DER, 226 FT LEFT OF CENTERLINE UP TO 65 FT AGL/271 FT MSL. TREES BEGINNING 1019 FT FROM DER, 699 FT RIGHT OF CENTERLINE UP TO 102 FT AGL/308 FT MSL. TREES BEGINNING 2198 FT FROM DER, 116 FT LEFT OF CENTERLINE, UP TO 91 FT AGL/299 FT MSL. TREES BEGINNING 3292 FT FROM DER, 555 FT RIGHT OF CENTERLINE, UP TO 93 FT AGL/292 FT MSL. TREES BEGINNING 3229 FT FROM DER, 452 FT LEFT OF CENTERLINE, UP TO 77 FT AGL/313 FT MSL. TREES BEGINNING 3967 FT FROM DER, 348 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/338 FT MSL. TREE 4016 FT FROM DER, 443 FT RIGHT OF CENTERLINE, 88 FT AGL/321 FT MSL. NOTE: RWY 21, FENCE 104 FT FROM DER, 372 FT LEFT OF CENTERLINE, 12 FT AGL/203 FT MSL. TREES BEGINNING 483 FT FROM DER, 533 FT RIGHT OF CENTERLINE, UP TO 76 FT AGL/256 FT MSL. TREES BEGINNING 570 FT FROM DER, 494 FT LEFT OF CENTERLINE, UP TO 79 FT AGL 253 FT MSL.

CONTROLLING OBSTACLES:

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

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

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

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

QUALITY
18
CHECKED

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REMARKS:

CLIMB GRADIENT ESTABLISHED TO KEEP THE DEAD RECKONING SEGMENT LENGTH 10 NM.

FLIGHT INSPECTED BY: *Digitally signed by*
 ADOLFO D URRUTIA
JOEL LAPLANTE FICO
 Jan 14, 2016

REQUIRED EFFECTIVE DATE:

01/12/2016

DEVELOPED BY: *Digitally signed by*
 LIAM DONAHUE AJV-5413
LIAM DONAHUE Nov 30, 2015

OCTOBER 26, 2015

APPROVED BY: *Digitally signed by*
 ADOLFO D URRUTIA
MARLON ROBINSON AJV-5410
 Jan 14, 2016

COORDINATED WITH:

ATA, ALPA, APA, AOPA, NBAA

CHANGES:

1. CHANGED WORDING IN RWY 3 DEPARTURE PROCEDURE FROM "BEFORE TURNING" TO BEFORE PROCEEDING ON COURSE.
2. ADDED 210 CLIMB GRADIENT AND CHANGED CLIMB TO ALTITUDE FROM 2100 TO 2300 ON RUNWAY 21 DEPARTURE.
3. CHANGED RUNWAY 21 DEPARTURE PROCEDURE FROM BEFORE TURNING RIGHT TO BEFORE PROCEEDING ON COURSE.
4. ADDED VCOA FOR RUNWAY 21 DEPARTURE.
5. UPDATED BOTH RUNWAY TAKEOFF OBSTACLE NOTES.

REASONS:

1. CLARIFY AND SIMPLIFY DEPARTURE INSTRUCTIONS.
2. NEEDED TO CLEAR NEW OBSTACLE, 3855 MSL AAO, WITHOUT EXTENDING DEAD RECKONING SEGMENT PAST 10 NM.
3. NEW OBSTACLES TO THE LEFT OF CLIMB COURSE.
4. IAW 8260.46E
5. NEW SURVEY.

QUALITY
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CHECKED