

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

Bearings, headings, courses, tracks and radials are magnetic. Elevations 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.

AIRPORT	AIRPORT ID	CITY	STATE	AMDT NO	ACTUAL EFFECTIVE DATE
BRADLEY INTL	KBDL	WINDSOR LOCKS	CT	5	12 AUGUST 2021

TAKEOFF MINIMUMS:

RWY 6, 15, 24, STANDARD.

RWY 33, STANDARD WITH MINIMUM CLIMB OF 340 FT PER NM TO 1000 OR 1200-3 FOR VCOA.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

RWY 33: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS BRADLEY INTL AIRPORT AT OR ABOVE 1200 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 6: LIGHTING 9 FT FROM DER, 9 FT RIGHT OF CENTERLINE, 2 FT AGL/163 FT MSL.

TREE 20 FT FROM DER, 464 FT LEFT OF CENTERLINE, 27 FT AGL/184 FT MSL.

TREES BEGINNING 70 FT FROM DER, 494 FT LEFT OF CENTERLINE, UP TO 198 FT MSL.

TREES BEGINNING 1227 FT FROM DER, 730 FT LEFT OF CENTERLINE, UP TO 230 FT MSL.

TREE 1956 FT FROM DER, 920 FT RIGHT OF CENTERLINE, 78 FT AGL/231 FT MSL.

TREES BEGINNING 1969 FT FROM DER, 30 FT RIGHT OF CENTERLINE, UP TO 245 FT MSL.

NOTE: RWY 15: LIGHTING 3 FT FROM DER, 5 FT LEFT OF CENTERLINE, 2 FT AGL/170 FT MSL.

TERRAIN 7 FT FROM DER, 7 FT RIGHT OF CENTERLINE, 169 FT MSL.

BUILDING 1413 FT FROM DER, 740 FT RIGHT OF CENTERLINE, 38 FT AGL/204 FT MSL.

TREE 1520 FT FROM DER, 897 FT RIGHT OF CENTERLINE, 49 FT AGL/219 FT MSL.

TREES BEGINNING 2336 FT FROM DER, 743 FT LEFT OF CENTERLINE, UP TO 49 FT AGL/246 FT MSL.

TREES BEGINNING 2864 FT FROM DER, 884 FT LEFT OF CENTERLINE, UP TO 251 FT MSL.

NOTE: RWY 24: LIGHTING 2 FT FROM DER, 4 FT LEFT OF CENTERLINE, 2 FT AGL/174 FT MSL.

FENCE AND POLE BEGINNING 1239 FT FROM DER, 773 FT LEFT OF CENTERLINE, UP TO 36 FT AGL/215 FT MSL.

TREE 1945 FT FROM DER, 978 FT RIGHT OF CENTERLINE, 237 FT MSL.

TREES BEGINNING 2024 FT FROM DER, 912 FT RIGHT OF CENTERLINE, UP TO 244 FT MSL.

TREE 3389 FT FROM DER, 598 FT LEFT OF CENTERLINE, 70 FT AGL/258 FT MSL.

TREE 3456 FT FROM DER, 1085 FT LEFT OF CENTERLINE, 276 FT MSL.

TREES BEGINNING 3542 FT FROM DER, 619 FT LEFT OF CENTERLINE, UP TO 277 FT MSL.

TREE 3705 FT FROM DER, 490 FT RIGHT OF CENTERLINE, 71 FT AGL/270 FT MSL.

TREES BEGINNING 3751 FT FROM DER, 380 FT RIGHT OF CENTERLINE, UP TO 83 FT AGL/285 FT MSL.

TREES BEGINNING 4014 FT FROM DER, 441 FT RIGHT OF CENTERLINE, UP TO 286 FT MSL.

TREE 4161 FT FROM DER, 894 FT RIGHT OF CENTERLINE, 288 FT MSL.

TREE 4223 FT FROM DER, 335 FT LEFT OF CENTERLINE, 282 FT MSL.

TREES BEGINNING 4251 FT FROM DER, 196 FT RIGHT OF CENTERLINE, UP TO 290 FT MSL.

TREE 4308 FT FROM DER, 491 FT LEFT OF CENTERLINE, 291 FT MSL.

TREE 4804 FT FROM DER, 75 FT LEFT OF CENTERLINE, 295 FT MSL.

NOTE: RWY 33: LIGHTING 3 FT FROM DER, 55 FT RIGHT OF CENTERLINE, 2 FT AGL/170 FT MSL.

LIGHTING 4 FT FROM DER, 54 FT LEFT OF CENTERLINE, 2 FT AGL/170 FT MSL.

TREES BEGINNING 1098 FT FROM DER, 581 FT RIGHT OF CENTERLINE, UP TO 231 FT MSL.

TREE 1271 FT FROM DER, 651 FT LEFT OF CENTERLINE, 219 FT MSL.

TREE 1403 FT FROM DER, 783 FT RIGHT OF CENTERLINE, 235 FT MSL.

TREES BEGINNING 1404 FT FROM DER, 546 FT LEFT OF CENTERLINE, UP TO 229 FT MSL.

TREES BEGINNING 1583 FT FROM DER, 34 FT LEFT OF CENTERLINE, UP TO 240 FT MSL.

TREES BEGINNING 1624 FT FROM DER, 457 FT RIGHT OF CENTERLINE, UP TO 55 FT AGL/254 FT MSL.

TREES BEGINNING 1883 FT FROM DER, 477 FT LEFT OF CENTERLINE, UP TO 247 FT MSL.

TREES BEGINNING 1924 FT FROM DER, 41 FT RIGHT OF CENTERLINE, UP TO 262 FT MSL.

TREE 2159 FT FROM DER, 852 FT LEFT OF CENTERLINE, 254 FT MSL.

TREES BEGINNING 2205 FT FROM DER, 48 FT LEFT OF CENTERLINE, UP TO 68 FT AGL/260 FT MSL.

TREES BEGINNING 2420 FT FROM DER, 97 FT LEFT OF CENTERLINE, UP TO 261 FT MSL.

TREE 3069 FT FROM DER, 824 FT LEFT OF CENTERLINE, 262 FT MSL.

TREES BEGINNING 3129 FT FROM DER, 218 FT RIGHT OF CENTERLINE, UP TO 93 FT AGL/264 FT MSL.

TREES BEGINNING 3306 FT FROM DER, 652 FT LEFT OF CENTERLINE, UP TO 263 FT MSL.

TREES BEGINNING 3439 FT FROM DER, 124 FT RIGHT OF CENTERLINE, UP TO 108 FT AGL/272 FT MSL.

TREES BEGINNING 2 NM FROM DER, 3419 FT LEFT OF CENTERLINE, UP TO 565 FT MSL.

TREES BEGINNING 2.1 NM FROM DER, 2696 FT LEFT OF CENTERLINE, UP TO 640 FT MSL.

TREES BEGINNING 2.2 NM FROM DER, 2911 FT LEFT OF CENTERLINE, UP TO 683 FT MSL.

ANTENNA AND TREES BEGINNING 2.3 NM FROM DER, 1806 FT LEFT OF CENTERLINE, UP TO 94 FT AGL/756 FT MSL.

ANTENNA 2.3 NM FROM DER, 3521 FT LEFT OF CENTERLINE, 74 FT AGL/773 FT MSL.

TOWER AND TREES BEGINNING 2.3 NM FROM DER, 535 FT LEFT OF CENTERLINE, UP TO 152 FT AGL/774 FT MSL.

QUALITY
22
CHECKED

AIRPORT	AIRPORT ID	CITY	STATE	AMDT NO	EFFECTIVE DATE
BRADLEY INTL	KBDL	WINDSOR LOCKS	CT	5	12 AUGUST 2021

CONTROLLING OBSTACLES:

RWY 33: 747 FT MSL ANTENNA 415736.64N/0724422.38W (CLIMB GRADIENT). 774 FT MSL TOWER 415748.32N/0724426.23W (CLIMB-TO ALTITUDE).

RWY 33 (VCOA): 783 FT MSL TREE 415814.31N/0724424.10W (VCA). 909 FT MSL AAO 415941.80N/0724401.60W (DIVERSE).

REMARKS:

1. RWY 33 CLIMB GRADIENT ROUNDED TO 340 FT PER NM FOR PUBLICATION (COMPUTED VALUE 335.94 FT PER NM).
2. PRECIPITOUS TERRAIN EVALUATION COMPLETED IN VISUAL CLIMB AREA, NO ADJUSTMENTS REQUIRED.

FLIGHT INSPECTED BY

OFFICE

DATE

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020 SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED.

Digitally signed by

DEVELOPED BY

Digitally signed by

OFFICE

DATE

JOHN BORDY

RALPH DUMAR

RALPH DUMAR

AJV-A422

02/22/2021

Mar 23, 2021

Feb 22, 2021

APPROVED BY

Digitally signed by

OFFICE

DATE

TITLE

MARLON ROBINSON

JOHN BORDY

AJV-A420

Mar 23, 2021

MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZBW, BDL APP CON, BDL ATCT, AMGR.

CHANGES - REASONS:

1. TAKEOFF MINIMUMS: REMOVED 'RWY 19, NA - ENVIRONMENTAL' AND RWY 1 FROM 'RWY 1, 6, 15, 24, STANDARD' - RWY 1/19 DECOMMISSIONED.
2. REMOVED 'RWY 1: CLIMB HEADING 013.04 TO 900 BEFORE TURNING LEFT' FROM TEXTUAL DEPARTURE PROCEDURES - RWY 1/19 DECOMMISSIONED.
3. REMOVED ALL LOW CLOSE-IN OBSTACLES FOR RWY 1 FROM TAKEOFF OBSTACLE NOTES - RWY 1/19 DECOMMISSIONED.
4. REMOVED 'RWY 1: 909 FT MSL AAO 415941.80N/0724401.60W' AS AN OBSTACLE MANDATING ODP ROUTE DEVELOPMENT - RWY 1/19 DECOMMISSIONED.
5. REMOVED REMARK 'TAKEOFF RWY 19 NA PER AIRPORT MANAGEMENT REQUEST (SEE REMARKS IN AIRPORT CHART SUPPLEMENT ENTRY)' - RWY 1/19 DECOMMISSIONED.

