

**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.

CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
HAZLETON, PA	HAZLETON RGNL	04/25/2019	3

TAKEOFF MINIMUMS:

RWY 10: STANDARD WITH A MINIMUM CLIMB GRADIENT OF 378 FT PER NM TO 2300, OR 1000-3 FOR VCOA.
RWY 28: 200-1 3/8 OR STANDARD WITH A MINIMUM CLIMB GRADIENT OF 329 FT PER NM TO 1900.

TEXTUAL DEPARTURE PROCEDURES:

RWY 10: CLIMB HEADING 104.12 TO 2300 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

RWY 10: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS HAZLETON RGNL AIRPORT AT OR ABOVE 2500 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 10, TREE 1 FT FROM DER, 435 FT LEFT OF CENTERLINE, 1606 FT MSL.
TREE 2 FT FROM DER, 176 FT RIGHT OF CENTERLINE, 15 FT AGL/1601 FT MSL.
TREE, POLE BEGINNING 27 FT FROM DER, 0 FT OF CENTERLINE, UP TO 1613 FT MSL.
TREE 58 FT FROM DER, 438 FT LEFT OF CENTERLINE, 1655 FT MSL.
TREES BEGINNING 92 FT FROM DER, 386 FT LEFT OF CENTERLINE, UP TO 74 FT AGL/1670 FT MSL.
TREE 263 FT FROM DER, 520 FT LEFT OF CENTERLINE, 79 FT AGL/1675 FT MSL.
TREE, POLE, VEHICLES ON TRAVERSE WAY, FENCE BEGINNING 271 FT FROM DER, 0 FT LEFT OF CENTERLINE, UP TO 84 FT AGL/1680 FT MSL.
TREE 292 FT FROM DER, 527 FT RIGHT OF CENTERLINE, 1636 FT MSL.
TREES BEGINNING 394 FT FROM DER, 467 FT RIGHT OF CENTERLINE, UP TO 1644 FT MSL.
TREES BEGINNING 554 FT FROM DER, 414 FT RIGHT OF CENTERLINE, UP TO 1649 FT MSL.
TREE, POLE BEGINNING 667 FT FROM DER, 0 FT OF CENTERLINE, UP TO 1654 FT MSL.
TREE, BUILDING BEGINNING 1004 FT FROM DER, 41 FT LEFT OF CENTERLINE, UP TO 1681 FT MSL.
TREE, BUILDING, TERRAIN BEGINNING 1199 FT FROM DER, 92 FT LEFT OF CENTERLINE, UP TO 1686 FT MSL.
TREES BEGINNING 1383 FT FROM DER, 137 FT LEFT OF CENTERLINE, UP TO 1687 FT MSL.
TREES BEGINNING 1421 FT FROM DER, 502 FT LEFT OF CENTERLINE, UP TO 1697 FT MSL.
TREES BEGINNING 1513 FT FROM DER, 133 FT LEFT OF CENTERLINE, UP TO 1704 FT MSL.
TREES BEGINNING 1603 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 1705 FT MSL.
TREES BEGINNING 2397 FT FROM DER, 37 FT RIGHT OF CENTERLINE, UP TO 83 FT AGL/1657 FT MSL.
TREES BEGINNING 2436 FT FROM DER, 28 FT RIGHT OF CENTERLINE, UP TO 1661 FT MSL.
TREES BEGINNING 2469 FT FROM DER, 338 FT RIGHT OF CENTERLINE, UP TO 83 FT AGL/1665 FT MSL.
TREES BEGINNING 2485 FT FROM DER, 139 FT RIGHT OF CENTERLINE, UP TO 91 FT AGL/1671 FT MSL.
TREES BEGINNING 2485 FT FROM DER, 21 FT RIGHT OF CENTERLINE, UP TO 90 FT AGL/1672 FT MSL.
TREES BEGINNING 2512 FT FROM DER, 8 FT RIGHT OF CENTERLINE, UP TO 95 FT AGL/1676 FT MSL.
TREES BEGINNING 2582 FT FROM DER, 11 FT RIGHT OF CENTERLINE, UP TO 88 FT AGL/1683 FT MSL.
TREE 2795 FT FROM DER, 485 FT RIGHT OF CENTERLINE, 1685 FT MSL.
TREES BEGINNING 2815 FT FROM DER, 4 FT RIGHT OF CENTERLINE, UP TO 1687 FT MSL.
TREE 2915 FT FROM DER, 189 FT RIGHT OF CENTERLINE, 81 FT AGL/1688 FT MSL.
TREES BEGINNING 2924 FT FROM DER, 61 FT RIGHT OF CENTERLINE, UP TO 85 FT AGL/1692 FT MSL.
TREES BEGINNING 2987 FT FROM DER, 7 FT RIGHT OF CENTERLINE, UP TO 84 FT AGL/1694 FT MSL.
TREES BEGINNING 3043 FT FROM DER, 21 FT RIGHT OF CENTERLINE, UP TO 84 FT AGL/1695 FT MSL.
TREES BEGINNING 3053 FT FROM DER, 14 FT RIGHT OF CENTERLINE, UP TO 84 FT AGL/1698 FT MSL.
TREES BEGINNING 3168 FT FROM DER, 157 FT LEFT OF CENTERLINE, UP TO 1708 FT MSL.
TREES BEGINNING 3175 FT FROM DER, 109 FT LEFT OF CENTERLINE, UP TO 1712 FT MSL.
TREES BEGINNING 3247 FT FROM DER, 149 FT LEFT OF CENTERLINE, UP TO 1713 FT MSL.
TREES BEGINNING 3271 FT FROM DER, 127 FT LEFT OF CENTERLINE, UP TO 1718 FT MSL.
TREE, BUILDING BEGINNING 3396 FT FROM DER, 50 FT LEFT OF CENTERLINE, UP TO 1727 FT MSL.
TREES BEGINNING 3431 FT FROM DER, 15 FT RIGHT OF CENTERLINE, UP TO 69 FT AGL/1699 FT MSL.
TREES BEGINNING 3467 FT FROM DER, 102 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/1701 FT MSL.
TREES BEGINNING 3543 FT FROM DER, 70 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/1704 FT MSL.
TREES BEGINNING 3563 FT FROM DER, 19 FT RIGHT OF CENTERLINE, UP TO 77 FT AGL/1710 FT MSL.
TREE, BUILDING, VEHICLES ON TRAVERSE WAY BEGINNING 3701 FT FROM DER, 70 FT LEFT OF CENTERLINE, UP TO 1743 FT MSL.
TREE, BUILDING, VEGETATION BEGINNING 3869 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 1744 FT MSL.
TREES BEGINNING 3903 FT FROM DER, 9 FT RIGHT OF CENTERLINE, UP TO 77 FT AGL/1711 FT MSL.
TREES BEGINNING 4607 FT FROM DER, 55 FT RIGHT OF CENTERLINE, UP TO 68 FT AGL/1712 FT MSL.
TREE, BUILDING BEGINNING 4920 FT FROM DER, 216 FT LEFT OF CENTERLINE, UP TO 1746 FT MSL.

NOTE: RWY 28, TREE 2 FT FROM DER, 217 FT LEFT OF CENTERLINE, 1597 FT MSL.
VEGETATION 7 FT FROM DER, 210 FT RIGHT OF CENTERLINE, 1596 FT MSL.
TREES BEGINNING 83 FT FROM DER, 371 FT RIGHT OF CENTERLINE, UP TO 71 FT AGL/1618 FT MSL.
TREES BEGINNING 150 FT FROM DER, 453 FT RIGHT OF CENTERLINE, UP TO 1629 FT MSL.
TREE 160 FT FROM DER, 359 FT LEFT OF CENTERLINE, 1600 FT MSL.
TREE 227 FT FROM DER, 281 FT LEFT OF CENTERLINE, 1604 FT MSL.
TREES BEGINNING 346 FT FROM DER, 376 FT RIGHT OF CENTERLINE, UP TO 1639 FT MSL.
TREE 594 FT FROM DER, 607 FT LEFT OF CENTERLINE, 1614 FT MSL.



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TREE 658 FT FROM DER, 383 FT LEFT OF CENTERLINE, 1616 FT MSL.
TREE 783 FT FROM DER, 613 FT LEFT OF CENTERLINE, 1619 FT MSL.
TREE 1568 FT FROM DER, 897 FT RIGHT OF CENTERLINE, 1659 FT MSL.
TREE 1716 FT FROM DER, 691 FT RIGHT OF CENTERLINE, 1662 FT MSL.
TREES BEGINNING 1725 FT FROM DER, 898 FT RIGHT OF CENTERLINE, UP TO 1666 FT MSL.
TREE 1748 FT FROM DER, 742 FT RIGHT OF CENTERLINE, 1674 FT MSL.
TREES BEGINNING 1807 FT FROM DER, 655 FT RIGHT OF CENTERLINE, UP TO 1677 FT MSL.
TREE 1817 FT FROM DER, 535 FT LEFT OF CENTERLINE, 1643 FT MSL.
TREE, POLE BEGINNING 1839 FT FROM DER, 558 FT LEFT OF CENTERLINE, UP TO 1654 FT MSL.
POLE 2049 FT FROM DER, 579 FT LEFT OF CENTERLINE, 39 FT AGL/1657 FT MSL.
POLE 2146 FT FROM DER, 952 FT LEFT OF CENTERLINE, UP TO 42 FT AGL/1658 FT MSL.
TREES BEGINNING 2453 FT FROM DER, 1064 FT RIGHT OF CENTERLINE, UP TO 1678 FT MSL.
TREE, SIGN, POLE, VEGETATION BEGINNING 2556 FT FROM DER, 38 FT RIGHT OF CENTERLINE, UP TO 1681 FT MSL.
POLE 2599 FT FROM DER, 313 FT LEFT OF CENTERLINE, 43 FT AGL/1663 FT MSL.
TREE, POLE BEGINNING 2717 FT FROM DER, 364 FT LEFT OF CENTERLINE, UP TO 1670 FT MSL.
TREE, POLE BEGINNING 2832 FT FROM DER, 311 FT LEFT OF CENTERLINE, UP TO 1674 FT MSL.
TREE, POLE, SIGN BEGINNING 2892 FT FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/1685 FT MSL.
TREE, POLE, SIGN BEGINNING 2895 FT FROM DER, 44 FT LEFT OF CENTERLINE, UP TO 1682 FT MSL.
TREE 3017 FT FROM DER, 233 FT RIGHT OF CENTERLINE, 36 FT AGL/1686 FT MSL.
TREE, POLE BEGINNING 3025 FT FROM DER, 146 FT RIGHT OF CENTERLINE, UP TO 41 FT AGL/1692 FT MSL.
TREES BEGINNING 3175 FT FROM DER, 116 FT RIGHT OF CENTERLINE, UP TO 1693 FT MSL.
TREE 3208 FT FROM DER, 616 FT LEFT OF CENTERLINE, 1684 FT MSL.
TREE, POLE BEGINNING 3285 FT FROM DER, 138 FT LEFT OF CENTERLINE, UP TO 1694 FT MSL.
TREE, POLE BEGINNING 3302 FT FROM DER, 156 FT RIGHT OF CENTERLINE, UP TO 1704 FT MSL.
TREE, POLE BEGINNING 3453 FT FROM DER, 51 FT RIGHT OF CENTERLINE, UP TO 1707 FT MSL.
TREES BEGINNING 3484 FT FROM DER, 183 FT LEFT OF CENTERLINE, UP TO 43 FT AGL/1696 FT MSL.
TREE, POLE BEGINNING 3520 FT FROM DER, 207 FT LEFT OF CENTERLINE, UP TO 47 FT AGL/1703 FT MSL.
TREE, POLE BEGINNING 3560 FT FROM DER, 83 FT RIGHT OF CENTERLINE, UP TO 37 FT AGL/1708 FT MSL.
TREE 3646 FT FROM DER, 1339 FT RIGHT OF CENTERLINE, 1709 FT MSL.
TREE, POLE BEGINNING 3651 FT FROM DER, 220 FT RIGHT OF CENTERLINE, UP TO 1712 FT MSL.
TREE, BUILDING BEGINNING 3692 FT FROM DER, 48 FT RIGHT OF CENTERLINE, UP TO 1718 FT MSL.
TREE, POLE BEGINNING 3761 FT FROM DER, 105 FT RIGHT OF CENTERLINE, UP TO 1721 FT MSL.
TREE 3815 FT FROM DER, 37 FT LEFT OF CENTERLINE, 49 FT AGL/1716 FT MSL.
TREES BEGINNING 3826 FT FROM DER, 16 FT LEFT OF CENTERLINE, UP TO 53 FT AGL/1724 FT MSL.
TREE 3862 FT FROM DER, 73 FT LEFT OF CENTERLINE, 59 FT AGL/1725 FT MSL.
TREES BEGINNING 3865 FT FROM DER, 2 FT LEFT OF CENTERLINE, UP TO 49 FT AGL/1727 FT MSL.
TREE, POLE BEGINNING 3873 FT FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 1734 FT MSL.
TREE, POLE BEGINNING 3886 FT FROM DER, 0 FT LEFT OF CENTERLINE, UP TO 53 FT AGL/1730 FT MSL.
TREE, POLE BEGINNING 3958 FT FROM DER, 63 FT RIGHT OF CENTERLINE, UP TO 1740 FT MSL.
TREE, POLE BEGINNING 4005 FT FROM DER, 55 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/1741 FT MSL.
TREES BEGINNING 4049 FT FROM DER, 192 FT RIGHT OF CENTERLINE, UP TO 49 FT AGL/1743 FT MSL.
TREE, POLE BEGINNING 4063 FT FROM DER, 29 FT RIGHT OF CENTERLINE, UP TO 48 FT AGL/1745 FT MSL.
TREE, POLE, BUILDING BEGINNING 4097 FT FROM DER, 8 FT RIGHT OF CENTERLINE, UP TO 1747 FT MSL.
TREE, POLE, BUILDING, VEHICLES ON TRAVERSE WAY, FENCE BEGINNING 4327 FT FROM DER, 0 FT RIGHT OF CENTERLINE, UP TO 57 FT AGL/1773 FT MSL.
TREES BEGINNING 4337 FT FROM DER, 35 FT LEFT OF CENTERLINE, UP TO 53 FT AGL/1732 FT MSL.
TREES BEGINNING 4361 FT FROM DER, 123 FT LEFT OF CENTERLINE, UP TO 52 FT AGL/1733 FT MSL.
TREES BEGINNING 4367 FT FROM DER, 53 FT LEFT OF CENTERLINE, UP TO 54 FT AGL/1735 FT MSL.
TREE, TANK BEGINNING 4382 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 66 FT AGL/1746 FT MSL.
TREE, BUILDING BEGINNING 4591 FT FROM DER, 9 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/1747 FT MSL.

CONTROLLING OBSTACLES:

RWY 10: 2081 FT MSL ANTENNA 405808.81N-0755727.16W (CLIMB GRADIENT/CLIMB TO ALTITUDE).

RWY 28: 1773 FT MSL TREE 405927.40N-0760108.77W (CLIMB GRADIENT/CLIMB TO ALTITUDE), 1791 FT MSL TANK 405908.41N-0760144.77W (CEILING), 1782 FT MSL TREE 405908.36N-0760147.34W (VISIBILITY).

VCOA: 2159 FT MSL AAO 410057.10N-0755527.15W (VCA), 2219 FT MSL AAO 410100.85N-0755443.64W (CLIMB TO ALTITUDE).

OBSTACLES MANDATING ODP DEVELOPMENT: RWY 10: 2081 FT MSL ANTENNA 405808.81N-0755727.16W.

REMARKS:



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HAZLETON, PA	HAZLETON RGNL	04/25/2019	3

FLIGHT INSPECTED BY:	<i>Digitally signed by</i> ROBERT G HAMILTON Dec 19, 2018	OFFICE SYMBOL:	DATE:
PENDING			

DEVELOPED BY:	<i>Digitally signed by</i> ROBERT G HAMILTON Dec 19, 2018	OFFICE SYMBOL:	DATE:
DAVID DANNER (DARREN HOOPER)		AJV-5421	10/17/2018

APPROVED BY:	<i>Digitally signed by</i> ROBERT G HAMILTON Dec 19, 2018	OFFICE SYMBOL:	DATE:
JULIE MORGAN		AJV-5420	

REQUIRED EFFECTIVE DATE:
4/25/2019

COORDINATED WITH:

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

OTHER:

ZNY, ZVP APP CON, ARPT MNGR

CHANGES - REASONS:

1. CHANGED TAKEOFF MINIMUMS RWY 10 FROM "500-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 243 FT PER NM TO 2000" TO "STANDARD WITH A MINIMUM CLIMB GRADIENT OF 378 FT PER NM TO 2300, OR 1000-3 FOR VCOA" - NEW VERTICAL GUIDED SURVEY DATA AND NEW OBSTACLES IDENTIFIED DUE TO RWY EXTENSION.
2. CHANGED TAKEOFF MINIMUMS RWY 28 FROM "500-1 OR STANDARD WITH MINIMUM CLIMB OF 317 FT PER NM TO 1900" TO "200-1 3/8 OR STANDARD WITH A MINIMUM CLIMB GRADIENT OF 329 FT PER NM TO 1900" - NEW VERTICAL GUIDED SURVEY DATA AND NEW OBSTACLES IDENTIFIED DUE TO RWY EXTENSION.
3. CHANGED TESTUAL DEPARTURE PROCEDURES FROM "RWY 10 - CLIMB ON HEADING 104.12 TO 2200 BEFORE PROCEEDING ON COURSE" TO "RWY 10: CLIMB ON HEADING 104.12 TO 2300 BEFORE PROCEEDING ON COURSE" - NEW VERTICAL GUIDED SURVEY DATA AND NEW OBSTACLES IDENTIFIED DUE TO RWY EXTENSION.
4. ADDED VISUAL CLIMB OVER AIRPORT "OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS HAZLETON RGNL AIRPORT AT OF ABOVE 2500 BEFORE PROCEEDING ON COURSE" - NEW VERTICAL GUIDED SURVEY DATA AND NEW OBSTACLES IDENTIFIED DUE TO RWY EXTENSION.
5. UPDATED TAKEOFF NOTES AND CONTROLLING OBSTACLES FOR ALL RUNWAYS - RWY 10 THRESHOLD DISPLACED 200 FT AND RWY 28 THRESHOLD EXTENDED 103 FT CHANGED TAKEOFF MINIMUMS AND TEXTUAL DEPARTURE PROCEDURES. NEW OBSTACLES IDENTIFIED DUE TO RWY EXTENSION AFFECTING ALL RUNWAYS DEPARTURE PROCEDURES.
6. UPDATED RWY 10 CONTROLLING OBSTACLE FROM 1829 FT MSL BLDG 405924.23N/0755729.39W TO 2081 FT MSL ANTENNA 405808.81N-0755727.16W (CLIMB GRADIENT/CLIMB TO ALTITUDE) - NEW VERTICAL GUIDED SURVEY DATA AND NEW OBSTACLES IDENTIFIED DUE TO RWY EXTENSION.
7. UPDATED RWY 28 CONTROLLING OBSTACLES FROM 1771 FT MSL TREE 405928.51N/0760109.44W TO 1773 FT MSL TREE 405927.40N-0760108.77W (CLIMB GRADIENT/CLIMB TO ALTITUDE), 1791 FT MSL TANK 405908.41N-0760144.77W (CEILING), 1782 FT MSL TREE 405908.36N-0760147.34W (VISIBILITY) - NEW VERTICAL GUIDED SURVEY DATA AND NEW OBSTACLES IDENTIFIED DUE TO RWY EXTENSION.
8. UPDATED RWY 10 OBSTACLE MANDATING ODP ROUTE DEVELOPMENT FROM 2069 FT MSL TOWER 405808.90N/0755728.10W TO 2081 FT MSL ANTENNA 405808.81N-0755727.16W - NEW VERTICAL GUIDED SURVEY DATA AND NEW OBSTACLES IDENTIFIED DUE TO RWY EXTENSION.
9. ADDED VCOA CONTROLLING OBSTACLES - PENETRATING OBSTACLES INSIDE AND OUTSIDE 3 SM ICA WITH HIGHEST PENETRATING OBSTACLE CLIMB GRADIENT OUTSIDE 3 SM ICA.

QUALITY
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CHECKED