

**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.

| <u>AIRPORT ID</u> | <u>CITY</u> | <u>STATE</u> | <u>AMDT NO</u> | <u>ACTUAL EFFECTIVE DATE</u> |
|-------------------|-------------|--------------|----------------|------------------------------|
| CZG | ENDICOTT | NY | 4A | |

TAKEOFF MINIMUMS:

RWY 3: STANDARD WITH MINIMUM CLIMB OF 515 FT/NM TO 1700, OR 700-3 WITH MINIMUM CLIMB OF 271 FT/NM TO 1700, OR 1800-3 FOR VCOA.
RWY 21: STANDARD WITH MINIMUM CLIMB OF 645 FT/NM TO 2000, OR 900-3 WITH MINIMUM CLIMB OF 452 FT/NM TO 2300, OR 1800-3 FOR VCOA.

TEXTUAL DEPARTURE PROCEDURES:

RWY 3: CLIMB ON HEADING 035.69 TO 2100 BEFORE PROCEEDING ON COURSE.
RWY 21: CLIMB ON HEADING 215.69 TO 2300 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

ALL RUNWAYS: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS TRI-CITIES AIRPORT AT OR ABOVE 2500 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 3: TREES, VEHICLES ON ROAD, TERRAIN, POLE BEGINNING 3 FT FROM DER, 243 FT LEFT OF CENTERLINE, UP TO 919 FT MSL.
POLE 18 FT FROM DER, 327 FT RIGHT OF CENTERLINE, 3 FT AGL/833 FT MSL.
TREES, POLE BEGINNING 748 FT FROM DER, 282 FT LEFT OF CENTERLINE, UP TO 940 FT MSL.
TREES BEGINNING 883 FT FROM DER, 286 FT LEFT OF CENTERLINE, UP TO 942 FT MSL.
TREES BEGINNING 1010 FT FROM DER, 34 FT RIGHT OF CENTERLINE, UP TO 864 FT MSL.
TREES, POLE, BUILDING BEGINNING 1090 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 947 FT MSL.
TREE 1482 FT FROM DER, 710 FT RIGHT OF CENTERLINE, 897 FT MSL.
TREE 1642 FT FROM DER, 567 FT RIGHT OF CENTERLINE, 914 FT MSL.
TREES, ELECTRICAL SYSTEM, TRANSMISSION LINE BEGINNING 1670 FT FROM DER, 9 FT RIGHT OF CENTERLINE, UP TO 921 FT MSL.
TREES BEGINNING 3236 FT FROM DER, 656 FT LEFT OF CENTERLINE, UP TO 953 FT MSL.
BUILDINGS, TREES BEGINNING 3476 FT FROM DER, 1104 FT LEFT OF CENTERLINE, UP TO 84 FT AGL/974 FT MSL.
TREE 5123 FT FROM DER, 1774 FT LEFT OF CENTERLINE, 1033 FT MSL.
TREES BEGINNING 5300 FT FROM DER, 1665 FT LEFT OF CENTERLINE, UP TO 1034 FT MSL.
TREES BEGINNING 5348 FT FROM DER, 1597 FT LEFT OF CENTERLINE, UP TO 1055 FT MSL.
TOWER 5663 FT FROM DER, 627 FT RIGHT OF CENTERLINE, 184 FT AGL/999 FT MSL.
TREES BEGINNING 1 NM FROM DER, 2109 FT LEFT OF CENTERLINE, UP TO 1063 FT MSL.
TREES BEGINNING 1.1 NM FROM DER, 2197 FT LEFT OF CENTERLINE, UP TO 1079 FT MSL.
TREES, WATER TOWER BEGINNING 1.2 NM FROM DER, 1641 FT LEFT OF CENTERLINE, UP TO 1137 FT MSL.
TREES BEGINNING 1.3 NM FROM DER, 1129 FT LEFT OF CENTERLINE, UP TO 1283 FT MSL.
TREES BEGINNING 1.4 NM FROM DER, 961 FT LEFT OF CENTERLINE, UP TO 1349 FT MSL.
TREES BEGINNING 1.5 NM FROM DER, 974 FT LEFT OF CENTERLINE, UP TO 1423 FT MSL.
TREES BEGINNING 1.9 NM FROM DER, 3261 FT RIGHT OF CENTERLINE, 1145 FT MSL.
TREES BEGINNING 2 NM FROM DER, 3250 FT RIGHT OF CENTERLINE, UP TO 1238 FT MSL.
TREES BEGINNING 2.1 NM FROM DER, 3130 FT RIGHT OF CENTERLINE, UP TO 1260 FT MSL.
TOWER, TREES, TRANSMISSION LINE BEGINNING 2.3 NM FROM DER, 2649 FT RIGHT OF CENTERLINE, UP TO 188 FT AGL/1411 FT MSL.

NOTE: RWY 21: TREE, VEGETATION, SIGN BEGINNING 5 FT FROM DER, 128 FT RIGHT OF CENTERLINE, UP TO 860 FT MSL.
VEGETATION 8 FT FROM DER, 96 FT LEFT OF CENTERLINE, 832 FT MSL.
TREE 38 FT FROM DER, 351 FT LEFT OF CENTERLINE, 868 FT MSL.
TREES, VEGETATION BEGINNING 51 FT FROM DER, 24 FT LEFT OF CENTERLINE, UP TO 84 FT AGL/902 FT MSL.
TREES BEGINNING 425 FT FROM DER, 372 FT RIGHT OF CENTERLINE, UP TO 895 FT MSL.
TREES BEGINNING 588 FT FROM DER, 110 FT RIGHT OF CENTERLINE, UP TO 903 FT MSL.
TREES BEGINNING 766 FT FROM DER, 165 FT RIGHT OF CENTERLINE, UP TO 916 FT MSL.
TREES BEGINNING 949 FT FROM DER, 384 FT LEFT OF CENTERLINE, UP TO 910 FT MSL.
TREES BEGINNING 1023 FT FROM DER, 61 FT RIGHT OF CENTERLINE, UP TO 919 FT MSL.
TREES BEGINNING 1033 FT FROM DER, 94 FT LEFT OF CENTERLINE, UP TO 919 FT MSL.
TREES BEGINNING 1404 FT FROM DER, 24 FT RIGHT OF CENTERLINE, UP TO 103 FT AGL/922 FT MSL.
TREES BEGINNING 1469 FT FROM DER, 243 FT RIGHT OF CENTERLINE, UP TO 930 FT MSL.
TREES BEGINNING 1545 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 934 FT MSL.
TREES BEGINNING 1612 FT FROM DER, 187 FT LEFT OF CENTERLINE, UP TO 923 FT MSL.
TREES BEGINNING 2127 FT FROM DER, 62 FT LEFT OF CENTERLINE, UP TO 96 FT AGL/929 FT MSL.
TREES, POLE BEGINNING 2180 FT FROM DER, 87 FT LEFT OF CENTERLINE, UP TO 933 FT MSL.
TREES BEGINNING 2480 FT FROM DER, 31 FT LEFT OF CENTERLINE, UP TO 936 FT MSL.
TREE 2554 FT FROM DER, 314 FT LEFT OF CENTERLINE, 100 FT AGL/941 FT MSL.
TREES BEGINNING 2568 FT FROM DER, 31 FT LEFT OF CENTERLINE, UP TO 113 FT AGL/946 FT MSL.
TREES BEGINNING 2860 FT FROM DER, 11 FT RIGHT OF CENTERLINE, UP TO 935 FT MSL.
TREES BEGINNING 3246 FT FROM DER, 88 FT LEFT OF CENTERLINE, UP TO 949 FT MSL.
TREES BEGINNING 3382 FT FROM DER, 142 FT RIGHT OF CENTERLINE, UP TO 940 FT MSL.
TREES BEGINNING 3440 FT FROM DER, 26 FT RIGHT OF CENTERLINE, UP TO 961 FT MSL.
TREES BEGINNING 3457 FT FROM DER, 333 FT LEFT OF CENTERLINE, UP TO 951 FT MSL.
TREES BEGINNING 3670 FT FROM DER, 37 FT LEFT OF CENTERLINE, UP TO 967 FT MSL.



TREES BEGINNING 3869 FT FROM DER, 624 FT LEFT OF CENTERLINE, UP TO 971 FT MSL.
TREES BEGINNING 3972 FT FROM DER, 365 FT LEFT OF CENTERLINE, UP TO 975 FT MSL.
TREES BEGINNING 4060 FT FROM DER, 171 FT LEFT OF CENTERLINE, UP TO 1021 FT MSL.
TREES BEGINNING 4239 FT FROM DER, 57 FT LEFT OF CENTERLINE, UP TO 1029 FT MSL.
TREES BEGINNING 4423 FT FROM DER, 251 FT RIGHT OF CENTERLINE, UP TO 968 FT MSL.
TREES BEGINNING 4600 FT FROM DER, 113 FT RIGHT OF CENTERLINE, UP TO 976 FT MSL.
TREES BEGINNING 4750 FT FROM DER, 52 FT LEFT OF CENTERLINE, UP TO 1040 FT MSL.
TREES BEGINNING 4794 FT FROM DER, 319 FT LEFT OF CENTERLINE, UP TO 1046 FT MSL.
TREES BEGINNING 4857 FT FROM DER, 113 FT LEFT OF CENTERLINE, UP TO 1058 FT MSL.
TREES BEGINNING 4980 FT FROM DER, 89 FT RIGHT OF CENTERLINE, UP TO 1014 FT MSL.
TREE 4998 FT FROM DER, 1094 FT LEFT OF CENTERLINE, 1086 FT MSL.
TREES BEGINNING 5015 FT FROM DER, 46 FT LEFT OF CENTERLINE, UP TO 1105 FT MSL.
TREE 5185 FT FROM DER, 1070 FT LEFT OF CENTERLINE, 1111 FT MSL.
TREES BEGINNING 5195 FT FROM DER, 137 FT RIGHT OF CENTERLINE, UP TO 1017 FT MSL.
TREES BEGINNING 5222 FT FROM DER, 329 FT LEFT OF CENTERLINE, UP TO 1147 FT MSL.
TREES BEGINNING 5261 FT FROM DER, 357 FT RIGHT OF CENTERLINE, UP TO 1038 FT MSL.
TREES BEGINNING 5270 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 1153 FT MSL.
TREES BEGINNING 5381 FT FROM DER, 202 FT RIGHT OF CENTERLINE, UP TO 1050 FT MSL.
TREES BEGINNING 5398 FT FROM DER, 290 FT LEFT OF CENTERLINE, UP TO 1158 FT MSL.
TREE 5465 FT FROM DER, 1347 FT LEFT OF CENTERLINE, 1183 FT MSL.
TREES BEGINNING 5473 FT FROM DER, 532 FT LEFT OF CENTERLINE, UP TO 1185 FT MSL.
TREES BEGINNING 5569 FT FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 1056 FT MSL.
TREE 5610 FT FROM DER, 1136 FT LEFT OF CENTERLINE, 1193 FT MSL.
TREES BEGINNING 5651 FT FROM DER, 395 FT LEFT OF CENTERLINE, UP TO 1211 FT MSL.
TREES BEGINNING 5668 FT FROM DER, 37 FT LEFT OF CENTERLINE, UP TO 1213 FT MSL.
TREES, POLE BEGINNING 5733 FT FROM DER, 242 FT RIGHT OF CENTERLINE, UP TO 1059 FT MSL.
TREES, POLE BEGINNING 5845 FT FROM DER, 8 FT RIGHT OF CENTERLINE, UP TO 1078 FT MSL.
TREES, POLE BEGINNING 5933 FT FROM DER, 46 FT RIGHT OF CENTERLINE, UP TO 1085 FT MSL.
TREES BEGINNING 6002 FT FROM DER, 65 FT LEFT OF CENTERLINE, UP TO 1217 FT MSL.
TREES BEGINNING 1 NM FROM DER, 30 FT RIGHT OF CENTERLINE, UP TO 1098 FT MSL.
TREES BEGINNING 1 NM FROM DER, 32 FT LEFT OF CENTERLINE, UP TO 1221 FT MSL.
TREES BEGINNING 1.1 NM FROM DER, 76 FT RIGHT OF CENTERLINE, UP TO 1102 FT MSL.
TREES BEGINNING 1.1 NM FROM DER, 59 FT LEFT OF CENTERLINE, UP TO 1256 FT MSL.
TREES BEGINNING 1.2 NM FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 1402 FT MSL.
TREES BEGINNING 1.2 NM FROM DER, 111 FT RIGHT OF CENTERLINE, UP TO 1112 FT MSL.
TREES, BUILDINGS, TERRAIN BEGINNING 1.3 NM FROM DER, 49 FT RIGHT OF CENTERLINE, UP TO 1127 FT MSL.
TREES BEGINNING 1.3 NM FROM DER, 100 FT LEFT OF CENTERLINE, UP TO 1488 FT MSL.
TREES BUILDINGS, TERRAIN BEGINNING 1.4 NM FROM DER, 9 FT RIGHT OF CENTERLINE, UP TO 1135 FT MSL.
TREES, TRANSMISSION LINE, BUILDING BEGINNING 1.4 NM FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 1528 FT MSL.
TREES BEGINNING 1.5 NM FROM DER, 92 FT RIGHT OF CENTERLINE, UP TO 1172 FT MSL.
TREES, BUILDING BEGINNING 1.6 NM FROM DER, 90 FT RIGHT OF CENTERLINE, UP TO 91 FT AGL/1175 FT MSL.
TREES, TRANSMISSION LINE BEGINNING 1.7 NM FROM DER, 236 FT RIGHT OF CENTERLINE, UP TO 1206 FT MSL.
TREES BEGINNING 1.8 NM FROM DER, 81 FT RIGHT OF CENTERLINE, UP TO 1264 FT MSL.
TREES BEGINNING 1.9 NM FROM DER, 1415 FT RIGHT OF CENTERLINE, UP TO 1393 FT MSL.
TREES, TRANSMISSION LINE BEGINNING 2 NM FROM DER, 24 FT RIGHT OF CENTERLINE, UP TO 1502 FT MSL.
TREES BEGINNING 2.2 NM FROM DER, 345 FT LEFT OF CENTERLINE, UP TO 110 FT AGL/1636 FT MSL.
TREES BEGINNING 2.3 NM FROM DER, 132 FT LEFT OF CENTERLINE, UP TO 110 FT AGL/1646 FT MSL.
TREES BEGINNING 2.3 NM FROM DER, 172 FT RIGHT OF CENTERLINE, UP TO 1528 FT MSL.
TREE, TERRAIN BEGINNING 2.5 NM FROM DER, 120 FT LEFT OF CENTERLINE, UP TO 1597 FT MSL.
TREES BEGINNING 2.5 NM FROM DER, 187 FT RIGHT OF CENTERLINE, UP TO 1647 FT MSL.

CONTROLLING OBSTACLES:

RWY 3: 1423 FT MSL TREE 420635.36N/0760518.74W (CLIMB GRADIENT), 1227 FT MSL TREE 420710.85N/0760340.64W (VISIBILITY), 1493 FT MSL AAO 420748.00N/0760300.00W (CLIMB GRADIENT TERMINATION ALTITUDE), 1433 FT MSL TREE 420638.77N/0760521.95W (CLIMB GRADIENT TERMINATION ALTITUDE) (CEILING), 1380 FT MSL TREE 420745.00N/0760509.00W (CLIMB GRADIENT).
RWY 21: 1528 FT MSL TREE 420255.88N/0760610.06W (CLIMB GRADIENT), 1597 FT MSL TREE 420151.24N/0760633.05W (VISIBILITY), 1651 FT MSL TREE 420205.81N/0760731.32W (CEILING), 1903 FT MSL AAO 420112.00N/0760654.00W (CLIMB GRADIENT TERMINATION ALTITUDE), 1832 FT MSL TREE 420124.00N/0760630.00W (CLIMB GRADIENT).
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 3: 2657 FT MSL TOWER 420340.27N/0755644.21W, RWY 21: 2064 FT MSL AAO 420006.00N/0760557.00W.
VISUAL CLIMB AREA OBSTACLE: 1903 FT MSL AAO 420112.00N/0760654.00W.
OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE: 2657 FT MSL TOWER 420340.27N/0755644.21W.

REMARKS:

110 FT VEGETATION USED PER FPT.
APPROVAL LETTER ON FILE FOR CLIMB GRADIENT IN EXCESS OF 500 FT/NM FOR RWY 3: 515 FT/NM TO 1700.
APPROVAL: RWY 21: 645 FT/NM TO 2000; IAW 8260.3F, 13-1-5.A.

FLIGHT INSPECTED BY

TERRY HESTER

Digitally signed by

ROBERT G HAMILTON

Jun 25, 2025

Digitally signed by

ROBERT G HAMILTON

Jun 25, 2025

OFFICE

AJF

DATE

06/24/2025

DEVELOPED BY

ROBERT G HAMILTON (TODD A. RUSSELL)

OFFICE

AJV-A433

DATE

08/07/2025

QUALITY
23
CHECKED

| AIRPORT ID | CITY | STATE | AMDT NO | ACTUAL EFFECTIVE DATE |
|--|---|--------------------|--------------------|-----------------------|
| CZG | ENDICOTT | NY | 4A | |
| APPROVED BY ROBERT G HAMILTON | Digitally signed by ROBERT G HAMILTON | OFFICE AJV-A433 | DATE 07/03/2025 | TITLE MANAGER |
| REQUIRED EFFECTIVE DATE: Jun 25, 2025 | | | | |
| ROUTINE | | | | |

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒

OTHER: ZNY, ZBW, BGM ATCT, ARPT MGR

CHANGES - REASONS:

1. TAKEOFF MINIMUMS: RWY 3 CHANGED FROM "STANDARD WITH MINIMUM CLIMB OF 515 FT PER NM TO 1700 OR 700-2 WITH MINIMUM CLIMB OF 242 TO 2000 OR 1600-2 1/2 FOR CLIMB IN VISUAL CONDITIONS." TO "STANDARD WITH MINIMUM CLIMB OF 515 FT/NM TO 1700, OR 700-3 WITH MINIMUM CLIMB OF 276 FT/NM TO 1600, OR 1800-3 FOR VCOA." – NEW OBSTACLE SURVEY.
2. TAKEOFF MINIMUMS: RWY 21 CHANGED FROM "STANDARD WITH MINIMUM CLIMB OF 604 FEET PER NM TO 2100 OR 900-3 WITH MINIMUM CLIMB OF 470 TO 2200 OR 1600-2 1/2 FOR CLIMB IN VISUAL CONDITIONS." TO "STANDARD WITH MINIMUM CLIMB OF 645 FT/NM TO 2000, OR 900-3 WITH MINIMUM CLIMB OF 452 FT/NM TO 2300, OR 1800-3 FOR VCOA." – NEW OBSTACLE SURVEY.
3. TEXTUAL DEPARTURE PROCEDURES: RWY 3 CHANGED FROM "CLIMB HEADING 036 TO 2000 BEFORE PROCEEDING ON COURSE OR FOR CLIMB IN VISUAL CONDITIONS: CROSS TRI-CITIES AIRPORT AT OR ABOVE 2300 BEFORE PROCEEDING ON COURSE." TO "CLIMB ON HEADING 035.69 TO 2200 BEFORE PROCEEDING ON COURSE." – IAW 8260.46J, APPENDIX D, SECTION 2, F.(1)(A).
4. TEXTUAL DEPARTURE PROCEDURES: RWY 21 CHANGED FROM "CLIMB HEADING 216 TO 2200 BEFORE PROCEEDING ON COUSE OR FOR CLIMB IN VISUAL CONDITIONS: CROSS TRI-CITIES AIRPORT AT OR ABOVE 2300 BEFORE PROCEEDING ON COURSE." TO "CLIMB ON HEADING 215.69 TO 2300 BEFORE PROCEEDING ON COURSE." - IAW 8260.46J, APPENDIX D, SECTION 2, F.(1)(A).
5. VISUAL CLIMB OVER AIRPORT: ADDED "OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS TRI-CITIES AIRPORT AT OR ABOVE 2500 BEFORE PROCEEDING ON COURSE." – IAW 8260.46J, APPENDIX D, SECTION 2, G.(2).
6. UPDATED TAKEOFF OBSTACLE NOTES FOR ALL RUNWAYS – NEW OBSTACLE SURVEY.
7. UPDATED CONTROLLING OBSTACLES FOR ALL RUNWAYS AND VCOA – NEW OBSTACLE SURVEY.

