

**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>
3G3	WADSWORTH	OH	3	

TAKEOFF MINIMUMS:

RWY 2: 400-2 1/4 WITH MINIMUM CLIMB OF 280 FT/NM TO 1900 OR STANDARD WITH MINIMUM CLIMB OF 445 FT/NM TO 1500, OR 1100-3 FOR VCOA.

RWY 10: 700-3 OR STANDARD WITH MINIMUM CLIMB OF 760 FT/NM TO 1500.

RWY 20: 300-1 5/8 OR STANDARD WITH MINIMUM CLIMB OF 381 FT/NM TO 1300.

RWY 28: 400-2 3/4 OR STANDARD WITH MINIMUM CLIMB OF 475 FT/NM TO 1400.

TEXTUAL DEPARTURE PROCEDURES:

RWY 10: CLIMB ON HEADING 097.20 TO 1700 BEFORE PROCEEDING ON COURSE.

RWY 28: CLIMB ON HEADING 277.20 TO 1500 BEFORE TURNING RIGHT.

VISUAL CLIMB OVER AIRPORT:

RWY 2: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS WADSWORTH MUNI AIRPORT AT OR ABOVE 1900.

TAKEOFF OBSTACLE NOTES:

RWY 2: FENCE 9 FT FROM DER, 268 FT RIGHT OF CENTERLINE, 6 FT AGL/979 FT MSL.

TREE 12 FT FROM DER, 354 FT LEFT OF CENTERLINE, 35 FT AGL/1007 FT MSL.

TREE 25 FT FROM DER, 456 FT LEFT OF CENTERLINE, 1030 FT MSL.

VEHICLES ON ROAD 49 FT FROM DER, 403 FT RIGHT OF CENTERLINE, 1000 FT MSL.

TREE, POLE BEGINNING 64 FT FROM DER, 37 FT LEFT OF CENTERLINE, UP TO 1033 FT MSL.

VEHICLES ON ROADS BEGINNING 90 FT FROM DER, 367 FT RIGHT OF CENTERLINE, UP TO 1001 FT MSL.

TREE, VEHICLES ON ROAD BEGINNING 218 FT FROM DER, 166 FT RIGHT OF CENTERLINE, UP TO 67 FT AGL/1044 FT MSL.

TREE 490 FT FROM DER, 399 FT RIGHT OF CENTERLINE, 1052 FT MSL.

TREES, VEHICLES ON ROADS, SMOKESTACK, BUILDINGS, POLES BEGINNING 505 FT FROM DER, 13 FT RIGHT OF CENTERLINE, UP TO 75 FT AGL/1055 FT MSL.

TRANSMISSION LINE TOWERS, POLES, TREES BEGINNING 1311 FT FROM DER, 8 FT LEFT OF CENTERLINE, UP TO 61 FT AGL/1036 FT MSL.

TREES BEGINNING 1841 FT FROM DER, 44 FT RIGHT OF CENTERLINE, UP TO 67 FT AGL/1070 FT MSL.

TREE 1946 FT FROM DER, 823 FT LEFT OF CENTERLINE, 70 FT AGL/1044 FT MSL.

TREES BEGINNING 1961 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 74 FT AGL/1056 FT MSL.

TREES BEGINNING 2254 FT FROM DER, ON AND RIGHT OF CENTERLINE, UP TO 86 FT AGL/1087 FT MSL.

TREES BEGINNING 2776 FT FROM DER, 1165 FT LEFT OF CENTERLINE, UP TO 1063 FT MSL.

TREES BEGINNING 2782 FT FROM DER, 339 FT RIGHT OF CENTERLINE, UP TO 88 FT AGL/1100 FT MSL.

TREES BEGINNING 3226 FT FROM DER, 340 FT RIGHT OF CENTERLINE, UP TO 94 FT AGL/1107 FT MSL.

TREES BEGINNING 3764 FT FROM DER, 566 FT RIGHT OF CENTERLINE, UP TO 75 FT AGL/1121 FT MSL.

TREE 3840 FT FROM DER, 55 FT LEFT OF CENTERLINE, 88 FT AGL/1075 FT MSL.

TREES BEGINNING 3942 FT FROM DER, 535 FT RIGHT OF CENTERLINE, UP TO 86 FT AGL/1124 FT MSL.

TREES BEGINNING 4107 FT FROM DER, 467 FT RIGHT OF CENTERLINE, UP TO 82 FT AGL/1133 FT MSL.

TREE 4348 FT FROM DER, 234 FT LEFT OF CENTERLINE, 90 FT AGL/1083 FT MSL.

TREE 4403 FT FROM DER, 187 FT LEFT OF CENTERLINE, 93 FT AGL/1087 FT MSL.

TREES BEGINNING 4501 FT FROM DER, 232 FT RIGHT OF CENTERLINE, UP TO 1138 FT MSL.

TREES BEGINNING 4599 FT FROM DER, 56 FT RIGHT OF CENTERLINE, UP TO 89 FT AGL/1143 FT MSL.

TREES BEGINNING 4835 FT FROM DER, 33 FT LEFT OF CENTERLINE, UP TO 87 FT AGL/1100 FT MSL.

TREES BEGINNING 4970 FT FROM DER, 318 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1151 FT MSL.

TREES BEGINNING 5138 FT FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1173 FT MSL.

TREE 5274 FT FROM DER, 8 FT LEFT OF CENTERLINE, 85 FT AGL/1111 FT MSL.

TREES BEGINNING 5594 FT FROM DER, 33 FT RIGHT OF CENTERLINE, UP TO 104 FT AGL/1184 FT MSL.

TREE 5617 FT FROM DER, 17 FT LEFT OF CENTERLINE, 85 FT AGL/1116 FT MSL.

TREES BEGINNING 5625 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 94 FT AGL/1120 FT MSL.

TREES BEGINNING 5680 FT FROM DER, 187 FT LEFT OF CENTERLINE, UP TO 1122 FT MSL.

TREE 5985 FT FROM DER, 226 FT LEFT OF CENTERLINE, 1124 FT MSL.

TREES BEGINNING 1 NM FROM DER, 1763 FT RIGHT OF CENTERLINE, UP TO 102 FT AGL/1197 FT MSL.

TREE 1.1 NM FROM DER, 2248 FT RIGHT OF CENTERLINE, 1216 FT MSL.

TOWER, ANTENNA BEGINNING 1.6 NM FROM DER, 2795 FT LEFT OF CENTERLINE, UP TO 195 FT AGL/1352 FT MSL.

RWY 10: TERRAIN 102 FT FROM DER, 394 FT LEFT OF CENTERLINE, 974 FT MSL.

TREES, VEHICLES ON ROADS BEGINNING 203 FT FROM DER, 134 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1075 FT MSL.

TREES BEGINNING 204 FT FROM DER, 168 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1072 FT MSL.

TREES, RIG, VEHICLES ON ROADS BEGINNING 434 FT FROM DER, 168 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1078 FT MSL.

TREES, VEHICLES ON ROADS BEGINNING 663 FT FROM DER, 5 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1085 FT MSL.

TREES, VEHICLES ON ROADS, UTILITY POLE BEGINNING 664 FT FROM DER, 6 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1085 FT MSL.

TREES BEGINNING 1123 FT FROM DER, 69 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1088 FT MSL.

TREES 1124 FT FROM DER, 165 FT RIGHT OF CENTERLINE, 100 FT AGL/1088 FT MSL.

TREES BEGINNING 1125 FT FROM DER, 106 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1091 FT MSL.

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TREES BEGINNING 1353 FT FROM DER, 138 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1095 FT MSL.
TREES 1355 FT FROM DER, 468 FT RIGHT OF CENTERLINE, 100 FT AGL/1095 FT MSL.
TREES BEGINNING 1356 FT FROM DER, 164 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1098 FT MSL.
TREES, BUILDING, UTILITY POLE BEGINNING 1581 FT FROM DER, 101 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1108 FT MSL.
TREES BEGINNING 1585 FT FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1104 FT MSL.
TREES, POLE BEGINNING 1811 FT FROM DER, 22 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1114 FT MSL.
TREES 1815 FT FROM DER, 466 FT RIGHT OF CENTERLINE, 100 FT AGL/1111 FT MSL.
TREES, POLE BEGINNING 1816 FT FROM DER, 162 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1118 FT MSL.
TREES BEGINNING 2041 FT FROM DER, 141 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1118 FT MSL.
TREES, BUILDING BEGINNING 2046 FT FROM DER, 161 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1121 FT MSL.
TREES BEGINNING 2271 FT FROM DER, 142 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1124 FT MSL.
TREES BEGINNING 2275 FT FROM DER, 465 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1131 FT MSL.
TREES BEGINNING 2277 FT FROM DER, 160 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1134 FT MSL.
TREES BEGINNING 2501 FT FROM DER, 142 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1131 FT MSL.
TREES 2505 FT FROM DER, 464 FT RIGHT OF CENTERLINE, 100 FT AGL/1141 FT MSL.
TREES 2506 FT FROM DER, 768 FT RIGHT OF CENTERLINE, 100 FT AGL/1144 FT MSL.
TREES BEGINNING 2507 FT FROM DER, 284 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1157 FT MSL.
TREES BEGINNING 2698 FT FROM DER, 159 FT RIGHT OF CENTERLINE, UP TO 1160 FT MSL.
TREES BEGINNING 2732 FT FROM DER, 143 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1134 FT MSL.
TREES 2736 FT FROM DER, 767 FT RIGHT OF CENTERLINE, 100 FT AGL/1170 FT MSL.
TREES, UTILITY POLE BEGINNING 2737 FT FROM DER, 159 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1180 FT MSL.
TREES BEGINNING 2961 FT FROM DER, 144 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1137 FT MSL.
TREES 2966 FT FROM DER, 766 FT RIGHT OF CENTERLINE, 100 FT AGL/1183 FT MSL.
TREES BEGINNING 2967 FT FROM DER, 158 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1193 FT MSL.
TREES BEGINNING 3190 FT FROM DER, 145 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1150 FT MSL.
TREES 3196 FT FROM DER, 765 FT RIGHT OF CENTERLINE, 100 FT AGL/1200 FT MSL.
TREES BEGINNING 3197 FT FROM DER, 157 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1206 FT MSL.
TREES 3427 FT FROM DER, 1068 FT RIGHT OF CENTERLINE, 100 FT AGL/1209 FT MSL.
TREES, UTILITY POLES BEGINNING 3429 FT FROM DER, 154 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1213 FT MSL.
TREES 3650 FT FROM DER, 1057 FT LEFT OF CENTERLINE, 100 FT AGL/1157 FT MSL.
TREES BEGINNING 3651 FT FROM DER, 147 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1160 FT MSL.
TREES BEGINNING 3883 FT FROM DER, 147 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1163 FT MSL.
TREES BEGINNING 4113 FT FROM DER, 148 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1167 FT MSL.
TREES 4342 FT FROM DER, 453 FT LEFT OF CENTERLINE, 100 FT AGL/1170 FT MSL.
TREES BEGINNING 4343 FT FROM DER, 149 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1173 FT MSL.
TREES 4347 FT FROM DER, 1064 FT RIGHT OF CENTERLINE, 100 FT AGL/1216 FT MSL.
TREES BEGINNING 4349 FT FROM DER, 153 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1219 FT MSL.
TREES 4579 FT FROM DER, 1367 FT RIGHT OF CENTERLINE, 100 FT AGL/1223 FT MSL.
TREES BEGINNING 4580 FT FROM DER, 152 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1229 FT MSL.
TREES BEGINNING 4797 FT FROM DER, 151 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1183 FT MSL.
TREES, UTILITY POLES, BUILDING BEGINNING 4810 FT FROM DER, 6 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1232 FT MSL.
TREES, UTILITY POLE BEGINNING 5027 FT FROM DER, 152 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1186 FT MSL.
TREES, BUILDINGS, UTILITY POLE BEGINNING 5257 FT FROM DER, 152 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1193 FT MSL.
TREES, UTILITY POLE BEGINNING 5487 FT FROM DER, 116 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1196 FT MSL.
TREES, UTILITY POLE BEGINNING 5716 FT FROM DER, 24 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1213 FT MSL.
TREES BEGINNING 5946 FT FROM DER, 46 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1219 FT MSL.
TREES, BUILDING, UTILITY POLE BEGINNING 1 NM FROM DER, 156 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1259 FT MSL.
TREES, UTILITY POLES BEGINNING 1.1 NM FROM DER, 27 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1295 FT MSL.
TREES BEGINNING 1.1 NM FROM DER, 107 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1239 FT MSL.
TREES, BUILDINGS, UTILITY POLE BEGINNING 1.2 NM FROM DER, 50 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1301 FT MSL.
TREES BEGINNING 1.3 NM FROM DER, 40 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1249 FT MSL.
TREES, POLES, TANK, BUILDINGS, TERRAIN BEGINNING 1.4 NM FROM DER, 27 FT LEFT OF CENTERLINE, UP TO 1313 FT MSL.
TREES BEGINNING 1.4 NM FROM DER, 136 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1259 FT MSL.
TREES BEGINNING 1.5 NM FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1282 FT MSL.
TREES BEGINNING 1.8 NM FROM DER, 176 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1314 FT MSL.
TREES BEGINNING 1.9 NM FROM DER, 177 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1350 FT MSL.
TREES BEGINNING 1.9 NM FROM DER, 123 FT RIGHT OF CENTERLINE, UP TO 1294 FT MSL.
TREES BEGINNING 2 NM FROM DER, 122 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1305 FT MSL.
TREES BEGINNING 2 NM FROM DER, 2306 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1364 FT MSL.
TREES BEGINNING 2.1 NM FROM DER, 422 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1318 FT MSL.
TREES BEGINNING 2.3 NM FROM DER, 114 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1350 FT MSL.
TREES BEGINNING 2.3 NM FROM DER, 3225 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1367 FT MSL.
TREES, TOWER BEGINNING 2.4 NM FROM DER, 2006 FT LEFT OF CENTERLINE, 416 FT AGL/1581 FT MSL.

RWY 20: TREES BEGINNING 17 FT FROM DER, 216 FT LEFT OF CENTERLINE, UP TO 57 FT AGL/1026 FT MSL.
VEHICLES ON ROAD 28 FT FROM DER, 320 FT RIGHT OF CENTERLINE, 976 FT MSL.
TREES, VEHICLES ON ROADS, FENCE, TERRAIN BEGINNING 37 FT FROM DER, 181 FT LEFT OF CENTERLINE, UP TO 1034 FT MSL.
TREES, VEHICLES ON ROADS BEGINNING 349 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 1067 FT MSL.
VEHICLES ON ROAD 420 FT FROM DER, 102 FT RIGHT OF CENTERLINE, 980 FT MSL.
VEHICLES ON ROADS BEGINNING 423 FT FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 981 FT MSL.
TREES, VEHICLES ON ROADS BEGINNING 707 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 1072 FT MSL.
TREE 1377 FT FROM DER, 44 FT RIGHT OF CENTERLINE, 35 FT AGL/1003 FT MSL.



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TREE 1521 FT FROM DER, 61 FT RIGHT OF CENTERLINE, 38 FT AGL/1006 FT MSL.
TREES BEGINNING 2741 FT FROM DER, 872 FT LEFT OF CENTERLINE, UP TO 74 FT AGL/1076 FT MSL.
TREES BEGINNING 2900 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 86 FT AGL/1088 FT MSL.
TREE 3241 FT FROM DER, 16 FT RIGHT OF CENTERLINE, 74 FT AGL/1048 FT MSL.
TREE 3411 FT FROM DER, 69 FT RIGHT OF CENTERLINE, 86 FT AGL/1058 FT MSL.
TREE 3581 FT FROM DER, 1384 FT LEFT OF CENTERLINE, 1110 FT MSL.
TREES BEGINNING 3687 FT FROM DER, 1165 FT LEFT OF CENTERLINE, UP TO 1130 FT MSL.
TREES BEGINNING 3852 FT FROM DER, 993 FT LEFT OF CENTERLINE, UP TO 1148 FT MSL.
TREES BEGINNING 3921 FT FROM DER, 15 FT LEFT OF CENTERLINE, UP TO 1151 FT MSL.
TREES BEGINNING 4113 FT FROM DER, 1169 FT LEFT OF CENTERLINE, UP TO 1153 FT MSL.
TREES BEGINNING 4352 FT FROM DER, 114 FT LEFT OF CENTERLINE, UP TO 1172 FT MSL.
TREES BEGINNING 4605 FT FROM DER, 25 FT RIGHT OF CENTERLINE, UP TO 96 FT AGL/1100 FT MSL.
TREES BEGINNING 4934 FT FROM DER, 194 FT LEFT OF CENTERLINE, UP TO 1173 FT MSL.
TREES BEGINNING 5065 FT FROM DER, 2 FT LEFT OF CENTERLINE, UP TO 1190 FT MSL.
TREES BEGINNING 5271 FT FROM DER, 29 FT RIGHT OF CENTERLINE, UP TO 1114 FT MSL.
TREE 1.2 NM FROM DER, 2423 FT LEFT OF CENTERLINE, 89 FT AGL/1152 FT MSL.

RWY 28: SILO 16 FT FROM DER, 476 FT LEFT OF CENTERLINE, 12 FT AGL/977 FT MSL.
POLE 32 FT FROM DER, 505 FT LEFT OF CENTERLINE, 22 FT AGL/987 FT MSL.
BUILDING 41 FT FROM DER, 328 FT RIGHT OF CENTERLINE, 27 FT AGL/991 FT MSL.
TREE 134 FT FROM DER, 187 FT LEFT OF CENTERLINE, 49 FT AGL/1011 FT MSL.
TREE 141 FT FROM DER, 218 FT LEFT OF CENTERLINE, 67 FT AGL/1028 FT MSL.
TREES BEGINNING 169 FT FROM DER, 177 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1065 FT MSL.
TREES, BUILDING, UTILITY POLES, VEHICLES ON ROAD BEGINNING 171 FT FROM DER, 122 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1065 FT MSL.
TREES BEGINNING 762 FT FROM DER, 380 FT LEFT OF CENTERLINE, UP TO 1067 FT MSL.
TREES BEGINNING 781 FT FROM DER, 159 FT LEFT OF CENTERLINE, UP TO 1070 FT MSL.
TREES BEGINNING 1320 FT FROM DER, 181 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1072 FT MSL.
TREES BEGINNING 1321 FT FROM DER, 121 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1068 FT MSL.
TREES BEGINNING 1551 FT FROM DER, 119 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1072 FT MSL.
TREES BEGINNING 1780 FT FROM DER, 183 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1075 FT MSL.
TREES BEGINNING 2241 FT FROM DER, 115 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1075 FT MSL.
TREES BEGINNING 2927 FT FROM DER, 187 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1081 FT MSL.
TREES BEGINNING 3157 FT FROM DER, 187 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1101 FT MSL.
TREES 3386 FT FROM DER, 1403 FT LEFT OF CENTERLINE, 100 FT AGL/1111 FT MSL.
TREES BEGINNING 3387 FT FROM DER, 188 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1114 FT MSL.
TREES BEGINNING 3391 FT FROM DER, 115 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1085 FT MSL.
TREES BEGINNING 3616 FT FROM DER, 189 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1134 FT MSL.
TREES BEGINNING 3621 FT FROM DER, 114 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1108 FT MSL.
TREES BEGINNING 3760 FT FROM DER, 167 FT LEFT OF CENTERLINE, UP TO 1137 FT MSL.
TREES BEGINNING 3846 FT FROM DER, 117 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1154 FT MSL.
TREES BEGINNING 3851 FT FROM DER, 113 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1134 FT MSL.
TREES BEGINNING 3968 FT FROM DER, 153 FT LEFT OF CENTERLINE, UP TO 1166 FT MSL.
TREES BEGINNING 3997 FT FROM DER, 1050 FT LEFT OF CENTERLINE, UP TO 1167 FT MSL.
TREES BEGINNING 4028 FT FROM DER, 112 FT RIGHT OF CENTERLINE, UP TO 1177 FT MSL.
TREE 4062 FT FROM DER, 1288 FT LEFT OF CENTERLINE, 1176 FT MSL.
TREES BEGINNING 4076 FT FROM DER, 26 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1186 FT MSL.
TREES BEGINNING 4089 FT FROM DER, 199 FT RIGHT OF CENTERLINE, UP TO 1183 FT MSL.
TREES BEGINNING 4113 FT FROM DER, 179 FT RIGHT OF CENTERLINE, UP TO 1192 FT MSL.
TREES BEGINNING 4168 FT FROM DER, 233 FT LEFT OF CENTERLINE, UP TO 1194 FT MSL.
TREE 4179 FT FROM DER, 376 FT RIGHT OF CENTERLINE, 1193 FT MSL.
TREES BEGINNING 4211 FT FROM DER, 50 FT LEFT OF CENTERLINE, UP TO 1200 FT MSL.
TREE 4224 FT FROM DER, 403 FT RIGHT OF CENTERLINE, 1196 FT MSL.
TREES BEGINNING 4240 FT FROM DER, 112 FT RIGHT OF CENTERLINE, UP TO 1207 FT MSL.
TREES BEGINNING 4306 FT FROM DER, 41 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1209 FT MSL.
TREES BEGINNING 4393 FT FROM DER, 912 FT LEFT OF CENTERLINE, UP TO 1215 FT MSL.
TREES, BUILDINGS BEGINNING 4399 FT FROM DER, 38 FT RIGHT OF CENTERLINE, UP TO 1213 FT MSL.
TREES BEGINNING 4535 FT FROM DER, 130 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1219 FT MSL.
TREES 4765 FT FROM DER, 1711 FT LEFT OF CENTERLINE, 100 FT AGL/1223 FT MSL.
TREES BEGINNING 4766 FT FROM DER, 496 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1226 FT MSL.
TREES BEGINNING 4770 FT FROM DER, 37 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1229 FT MSL.
TREES BEGINNING 4771 FT FROM DER, 60 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1229 FT MSL.
TREES 4999 FT FROM DER, 497 FT LEFT OF CENTERLINE, 100 FT AGL/1232 FT MSL.
TREES BEGINNING 5000 FT FROM DER, 193 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1239 FT MSL.
TREES, UTILITY POLES BEGINNING 5001 FT FROM DER, 27 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1246 FT MSL.
TREES, BUILDING, UTILITY POLE, VEHICLES ON ROAD BEGINNING 5230 FT FROM DER, 17 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1242 FT MSL.
TREES, BUILDING BEGINNING 5231 FT FROM DER, 30 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1255 FT MSL.
TREES, BUILDINGS, UTILITY POLES BEGINNING 5460 FT FROM DER, 85 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1246 FT MSL.
TREES 5462 FT FROM DER, 412 FT RIGHT OF CENTERLINE, 100 FT AGL/1259 FT MSL.
TREES 5463 FT FROM DER, 715 FT RIGHT OF CENTERLINE, 100 FT AGL/1262 FT MSL.
TREES, TERRAIN BEGINNING 5464 FT FROM DER, 107 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1265 FT MSL.

QUALITY
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CHECKED

TREES 5694 FT FROM DER, 1018 FT RIGHT OF CENTERLINE, 100 FT AGL/1268 FT MSL.
TREES, RIG, UTILITY POLE BEGINNING 5695 FT FROM DER, 106 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1272 FT MSL.
TREES, TERRAIN, VEHICLES ON ROAD, BUILDING BEGINNING 5926 FT FROM DER, 25 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1275 FT MSL.
TREES BEGINNING 1.3 NM FROM DER, 203 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1255 FT MSL.
TREES, BUILDINGS, SILO BEGINNING 1.4 NM FROM DER, 205 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1265 FT MSL.
TREES BEGINNING 1.4 NM FROM DER, 96 FT RIGHT OF CENTERLINE, UP TO 1287 FT MSL.
TREES, UTILITY POLE, SILO BEGINNING 1.5 NM FROM DER, 206 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1268 FT MSL.
TREES, UTILITY POLE, BUILDING BEGINNING 1.5 NM FROM DER, 94 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1291 FT MSL.
TREES BEGINNING 1.6 NM FROM DER, 90 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1295 FT MSL.
TREES BEGINNING 1.8 NM FROM DER, 1303 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1298 FT MSL.
TREES 2.1 NM FROM DER, 3729 FT RIGHT OF CENTERLINE, 100 FT AGL/1288 FT MSL.

CONTROLLING OBSTACLES:

RWY 2: 1173 FT MSL TREE 410109.75N/0814440.54W (CLIMB GRADIENT), 1675 FT MSL TOWER 410343.00N/0814420.00W (CLIMB GRADIENT TERMINATION ALTITUDE), 1351 FT MSL ANTENNA 410208.15N/0814525.50W (VISIBILITY), 1352 FT MSL TOWER 410208.08N/0814525.48W (CEILING).
RWY 10: 1179 FT MSL TREE 410009.00N/0814442.00W (CLIMB GRADIENT), 1347 FT MSL TREE 410057.00N/0814203.00W (VISIBILITY), 1581 FT MSL TOWER 410038.93N/0814201.56W (CLIMB GRADIENT TERMINATION ALTITUDE) (CEILING).
RWY 20: 1172 FT MSL TREE 405903.45N/0814512.90W (CLIMB GRADIENT), 1152 FT MSL TREE 405832.69N/0814509.16W (VISIBILITY), 1190 FT MSL TREE 405856.05N/0814511.25W (CLIMB GRADIENT TERMINATION ALTITUDE) (CEILING).
RWY 28: 1271 FT MSL TREE 410033.00N/0814700.00W (CLIMB GRADIENT TERMINATION ALTITUDE), 1288 FT MSL TREE 410057.00N/0814833.00W (VISIBILITY), 1298 FT MSL TREE 410048.00N/0814815.00W (CEILING), 1207 FT MSL TREE 410023.41N/0814641.06W (CLIMB GRADIENT).
VISUAL CLIMB AREA OBSTACLE: 1581 FT MSL TOWER 410038.93N/0814201.56W.
OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE: 1675 FT MSL TOWER 410343.00N/0814420.00W.

REMARKS:

ORDER 8260.3G, LEGACY ICA USED FOR DESIGN AND EVALUATION.
APPROVAL LETTER FOR RWY 10 CLIMB GRADIENT.
100 FT VEGETATION USED.

FLIGHT INSPECTED BY
GLEN B FREEMAN

Digitally signed by
APRIL T SARMENTO

OFFICE
AJF

DATE
04/03/2026

DEVELOPED BY
JAMIE KUNKLER

Apr 07, 2026
Digitally signed by
APRIL T SARMENTO

OFFICE
AJV-A432

DATE
12/01/2025

APPROVED BY
CASIMIR L. TABAKA

Apr 07, 2026
Digitally signed by
APRIL T SARMENTO
Apr 07, 2026

OFFICE
AJV-A432

DATE
06/04/2026

TITLE
MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

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

OTHER: ZOB, CAK ATCT, AMGR

CHANGES - REASONS:

1. TAKEOFF MINIMUMS RWY 20 CLIMB GRADIENT INCREASED FROM 380 FT/NM TO 381 FT/NM - NEW CONTROLLING OBSTACLE.
2. UPDATED TAKEOFF OBSTACLE NOTES - NEW SURVEY DATA FROM 11/01/2019.
3. UPDATED CONTROLLING OBSTACLES - NEW SURVEY DATA. TAKEOFF MINIMUMS COULD BE LOWER FOR RWYS 2, 10 AND 28, BUT IT IS OUTSIDE THE SCOPE OF THIS AMENDMENT TO LOWER MINIMUMS. DEPARTURE PROCEDURE CLIMB TO ALTITUDES NO LONGER REQUIRED, BUT IT IS OUTSIDE THE SCOPE OF THIS AMENDMENT TO UPDATE THE DEPARTURE PROCEDURE.
4. ADDED REMARK "ORDER 8260.3G, LEGACY ICA USED FOR DESIGN AND EVALUATION" - IAW 8260.46K.
5. ADDED REMARK "100 FT VEGETATION USED" - FOR FUTURE SPECIALIST.

