

**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>
PAYA	YAKUTAT	AK	6	

TAKEOFF MINIMUMS:

RWY 02, 11, 29: STANDARD.

RWY 20: 300 - 1 1/8 OR STANDARD WITH MINIMUM CLIMB OF 290 FT PER NM TO 300.

TEXTUAL DEPARTURE PROCEDURES:

RWY 02: CLIMB ON HEADING 024.98 TO 900 THEN CLIMBING RIGHT TURN TO INTERCEPT YAK VOR/DME R-071 TO YAK VOR/DME, CONTINUE CLIMB TO MEA VIA ASSIGNED AIRWAY.

RWY 11: CLIMB ON HEADING 115.00 TO 900 THEN CLIMBING LEFT TURN TO INTERCEPT YAK VOR/DME R-081 TO YAK VOR/DME, CONTINUE CLIMB TO MEA VIA ASSIGNED AIRWAY.

RWY 20: CLIMB ON HEADING 205.00 TO 900 THEN CLIMBING LEFT TURN TO INTERCEPT YAK VOR/DME R-171 TO YAK VOR/DME, CONTINUE CLIMB TO MEA VIA ASSIGNED AIRWAY.

RWY 29: CLIMB ON HEADING 295.03 TO 900 THEN CLIMBING RIGHT TURN TO INTERCEPT YAK VOR/DME R-333 TO YAK VOR/DME, CONTINUE CLIMB TO MEA VIA ASSIGNED AIRWAY.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 02, SIGN, NAVAID BEGINNING 1 FT FROM DER, 110 FT LEFT OF CENTERLINE, UP TO 2 FT AGL/39 FT MSL.

SIGN 1 FT FROM DER, 249 FT RIGHT OF CENTERLINE, 2 FT AGL/39 FT MSL.

TOWER 372 FT FROM DER, 236 FT LEFT OF CENTERLINE, 35 FT AGL/67 FT MSL.

NAVAID, BUILDING, ANTENNA BEGINNING 373 FT FROM DER, 213 FT LEFT OF CENTERLINE, UP TO 36 FT AGL/73 FT MSL.

TREE 425 FT FROM DER, 395 FT RIGHT OF CENTERLINE, 14 FT AGL/49 FT MSL.

TREE 498 FT FROM DER, 415 FT RIGHT OF CENTERLINE, 7 FT AGL/50 FT MSL.

TREE 540 FT FROM DER, 458 FT RIGHT OF CENTERLINE, 8 FT AGL/51 FT MSL.

TREE 583 FT FROM DER, 352 FT RIGHT OF CENTERLINE, 16 FT AGL/56 FT MSL.

TREES BEGINNING 593 FT FROM DER, 332 FT LEFT OF CENTERLINE, UP TO 69 FT AGL/107 FT MSL.

TREES BEGINNING 599 FT FROM DER, 419 FT RIGHT OF CENTERLINE, UP TO 43 FT AGL/83 FT MSL.

TREES BEGINNING 615 FT FROM DER, 327 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/106 FT MSL.

TREES BEGINNING 715 FT FROM DER, 398 FT LEFT OF CENTERLINE, UP TO 78 FT AGL/117 FT MSL.

TREES BEGINNING 742 FT FROM DER, 399 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/108 FT MSL.

TREES BEGINNING 781 FT FROM DER, 329 FT LEFT OF CENTERLINE, UP TO 93 FT AGL/136 FT MSL.

TREE 5524 FT FROM DER, 1537 FT LEFT OF CENTERLINE, 117 FT AGL/176 FT MSL.

NOTE: RWY 11, TREE 5 FT FROM DER, 419 FT RIGHT OF CENTERLINE, 10 FT AGL/34 FT MSL.

TREE 54 FT FROM DER, 415 FT RIGHT OF CENTERLINE, 17 FT AGL/46 FT MSL.

TREE 67 FT FROM DER, 348 FT RIGHT OF CENTERLINE, 21 FT AGL/50 FT MSL.

TREES BEGINNING 71 FT FROM DER, 327 FT LEFT OF CENTERLINE, UP TO 25 FT AGL/65 FT MSL.

TREES BEGINNING 117 FT FROM DER, 337 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/69 FT MSL.

TREES BEGINNING 206 FT FROM DER, 325 FT RIGHT OF CENTERLINE, UP TO 66 FT AGL/96 FT MSL.

TREE 476 FT FROM DER, 536 FT LEFT OF CENTERLINE, 44 FT AGL/69 FT MSL.

TREES BEGINNING 532 FT FROM DER, 378 FT LEFT OF CENTERLINE, UP TO 71 FT AGL/101 FT MSL.

TREES BEGINNING 641 FT FROM DER, 449 FT RIGHT OF CENTERLINE, UP TO 84 FT AGL/110 FT MSL.

TREES BEGINNING 702 FT FROM DER, 414 FT LEFT OF CENTERLINE, UP TO 74 FT AGL/102 FT MSL.

TREES BEGINNING 802 FT FROM DER, 59 FT RIGHT OF CENTERLINE, UP TO 97 FT AGL/123 FT MSL.

TREES BEGINNING 1325 FT FROM DER, 567 FT LEFT OF CENTERLINE, UP TO 77 FT AGL/104 FT MSL.

TREES BEGINNING 1931 FT FROM DER, 825 FT LEFT OF CENTERLINE, UP TO 91 FT AGL/118 FT MSL.

TREES BEGINNING 2215 FT FROM DER, 468 FT LEFT OF CENTERLINE, UP TO 92 FT AGL/119 FT MSL.

TREES BEGINNING 2351 FT FROM DER, 145 FT LEFT OF CENTERLINE, UP TO 96 FT AGL/122 FT MSL.

TREES BEGINNING 3615 FT FROM DER, 844 FT RIGHT OF CENTERLINE, UP TO 105 FT AGL/129 FT MSL.

TREE 3946 FT FROM DER, 967 FT RIGHT OF CENTERLINE, 108 FT AGL/132 FT MSL.

TREE 4001 FT FROM DER, 631 FT RIGHT OF CENTERLINE, 110 FT AGL/134 FT MSL.



NOTE: RWY 20, NAVAID BEGINNING 0 FT FROM DER, 49 FT RIGHT OF CENTERLINE, UP TO 2 FT AGL/23 FT MSL.
 NAVAID BEGINNING 1 FT FROM DER, 49 FT LEFT OF CENTERLINE, UP TO 1 FT AGL/22 FT MSL.
 NAVAID, VEGETATION BEGINNING 1 FT FROM DER, 77 FT LEFT OF CENTERLINE, UP TO 2 FT AGL/23 FT MSL.
 TREES BEGINNING 2 FT FROM DER, 374 FT RIGHT OF CENTERLINE, UP TO 66 FT AGL/89 FT MSL.
 TREE 42 FT FROM DER, 399 FT LEFT OF CENTERLINE, 22 FT AGL/46 FT MSL.
 TREES BEGINNING 135 FT FROM DER, 325 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/100 FT MSL.
 TREES BEGINNING 956 FT FROM DER, 148 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/99 FT MSL.
 TREES BEGINNING 1025 FT FROM DER, 355 FT LEFT OF CENTERLINE, UP TO 90 FT AGL/111 FT MSL.
 TREES BEGINNING 1265 FT FROM DER, 192 FT LEFT OF CENTERLINE, UP TO 98 FT AGL/117 FT MSL.
 TREES BEGINNING 1679 FT FROM DER, 331 FT RIGHT OF CENTERLINE, UP TO 82 FT AGL/100 FT MSL.
 TREES BEGINNING 1978 FT FROM DER, 428 FT RIGHT OF CENTERLINE, UP TO 86 FT AGL/101 FT MSL.
 TREES BEGINNING 2244 FT FROM DER, 393 FT RIGHT OF CENTERLINE, UP TO 90 FT AGL/106 FT MSL.
 TREE 3581 FT FROM DER, 1160 FT LEFT OF CENTERLINE, 116 FT AGL/135 FT MSL.
 TREES BEGINNING 3584 FT FROM DER, 796 FT LEFT OF CENTERLINE, UP TO 120 FT AGL/144 FT MSL.
 TREES BEGINNING 3646 FT FROM DER, 312 FT LEFT OF CENTERLINE, UP TO 134 FT AGL/163 FT MSL.
 TREES BEGINNING 3903 FT FROM DER, 15 FT LEFT OF CENTERLINE, UP TO 140 FT AGL/165 FT MSL.
 TREE 3963 FT FROM DER, 444 FT RIGHT OF CENTERLINE, 102 FT AGL/121 FT MSL.
 TREE 3991 FT FROM DER, 498 FT RIGHT OF CENTERLINE, 104 FT AGL/123 FT MSL.
 TREE 3992 FT FROM DER, 94 FT RIGHT OF CENTERLINE, 94 FT AGL/125 FT MSL.
 TREES BEGINNING 4048 FT FROM DER, 187 FT RIGHT OF CENTERLINE, UP TO 103 FT AGL/131 FT MSL.
 TREE 4050 FT FROM DER, 736 FT LEFT OF CENTERLINE, 142 FT AGL/168 FT MSL.
 TREES BEGINNING 4052 FT FROM DER, 757 FT LEFT OF CENTERLINE, UP TO 148 FT AGL/171 FT MSL.
 TREE 4090 FT FROM DER, 471 FT RIGHT OF CENTERLINE, 111 FT AGL/144 FT MSL.
 TREES BEGINNING 4165 FT FROM DER, 557 FT RIGHT OF CENTERLINE, UP TO 122 FT AGL/157 FT MSL.
 TREES BEGINNING 4183 FT FROM DER, 386 FT RIGHT OF CENTERLINE, UP TO 136 FT AGL/170 FT MSL.
 TREES BEGINNING 4480 FT FROM DER, 27 FT LEFT OF CENTERLINE, UP TO 144 FT AGL/172 FT MSL.
 TREES BEGINNING 4575 FT FROM DER, 24 FT RIGHT OF CENTERLINE, UP TO 148 FT AGL/173 FT MSL.

NOTE: RWY 29, NAVAID BEGINNING 9 FT FROM DER, 14 FT LEFT OF CENTERLINE, UP TO 2 FT AGL/41 FT MSL.
 NAVAID BEGINNING 9 FT FROM DER, 4 FT RIGHT OF CENTERLINE, UP TO 2 FT AGL/41 FT MSL.
 VEGETATION 21 FT FROM DER, 399 FT RIGHT OF CENTERLINE, 8 FT AGL/59 FT MSL.
 TREES BEGINNING 64 FT FROM DER, 444 FT RIGHT OF CENTERLINE, UP TO 8 FT AGL/61 FT MSL.
 TREE, VEGETATION BEGINNING 384 FT FROM DER, 499 FT RIGHT OF CENTERLINE, UP TO 27 FT AGL/67 FT MSL.
 TREE 410 FT FROM DER, 542 FT LEFT OF CENTERLINE, 17 FT AGL/51 FT MSL.
 TREES BEGINNING 964 FT FROM DER, 500 FT RIGHT OF CENTERLINE, UP TO 25 FT AGL/73 FT MSL.
 TREE 1212 FT FROM DER, 545 FT RIGHT OF CENTERLINE, 28 FT AGL/77 FT MSL.
 TREES BEGINNING 1212 FT FROM DER, 565 FT RIGHT OF CENTERLINE, UP TO 59 FT AGL/107 FT MSL.
 TREE 1215 FT FROM DER, 675 FT LEFT OF CENTERLINE, 50 FT AGL/89 FT MSL.
 TREES BEGINNING 1264 FT FROM DER, 614 FT LEFT OF CENTERLINE, UP TO 51 FT AGL/91 FT MSL.
 TREE 1672 FT FROM DER, 890 FT RIGHT OF CENTERLINE, 92 FT AGL/141 FT MSL.
 TREES BEGINNING 1704 FT FROM DER, 757 FT RIGHT OF CENTERLINE, UP TO 96 FT AGL/143 FT MSL.
 TREES BEGINNING 1885 FT FROM DER, 857 FT LEFT OF CENTERLINE, UP TO 58 FT AGL/97 FT MSL.
 TREES BEGINNING 1963 FT FROM DER, 912 FT LEFT OF CENTERLINE, UP TO 74 FT AGL/114 FT MSL.
 TREE 2172 FT FROM DER, 940 FT LEFT OF CENTERLINE, 80 FT AGL/122 FT MSL.
 TREES BEGINNING 2244 FT FROM DER, 971 FT LEFT OF CENTERLINE, UP TO 88 FT AGL/129 FT MSL.
 TREES BEGINNING 2578 FT FROM DER, 858 FT LEFT OF CENTERLINE, UP TO 93 FT AGL/136 FT MSL.
 TREES BEGINNING 2704 FT FROM DER, 930 FT LEFT OF CENTERLINE, UP TO 103 FT AGL/145 FT MSL.
 TREE 2835 FT FROM DER, 1008 FT LEFT OF CENTERLINE, 106 FT AGL/147 FT MSL.
 TREES BEGINNING 2885 FT FROM DER, 957 FT LEFT OF CENTERLINE, UP TO 112 FT AGL/155 FT MSL.
 TREE 3994 FT FROM DER, 1249 FT RIGHT OF CENTERLINE, 101 FT AGL/153 FT MSL.
 TREE 4000 FT FROM DER, 1175 FT RIGHT OF CENTERLINE, 103 FT AGL/155 FT MSL.
 TREES BEGINNING 4020 FT FROM DER, 1097 FT RIGHT OF CENTERLINE, UP TO 115 FT AGL/169 FT MSL.
 TREES BEGINNING 4650 FT FROM DER, 1204 FT RIGHT OF CENTERLINE, UP TO 121 FT AGL/175 FT MSL.



AIRPORT ID

PAYA

CITY

YAKUTAT

STATE

AK

AMDT NO

6

EFFECTIVE DATE

CONTROLLING OBSTACLES:

RWY 20: 183 FT MSL TREE (02-256187) 592921.43N/1394218.37W (CLIMB GRADIENT, CLIMB-TO ALTITUDE, CEILING), 179 FT MSL TREE (02-227327) 592921.20N/1394239.16W (VISIBILITY).

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: **RWY 02, 11, 20, 29** - 13432 FT MSL AAO 601057.00N/1395854.00W.

REMARKS:

110 FT VEGETATION HEIGHT USED PER FPT.

100 FT SHIP MAST HEIGHTS USED PER FPT/USCG.

FLIGHT INSPECTED BY**OFFICE****DATE****DEVELOPED BY****OFFICE****DATE**

RICHARD CHRISTENSEN

AJV-A431

02/23/2022

APPROVED BY**OFFICE****DATE****TITLE**

LONNIE EVERHART

AJV-A430

MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ANCHORAGE APP, AMGR, JUNEAU FSS

CHANGES - REASONS:

1. TAKEOFF MINIMUMS CHANGED FROM "RWY 02, 11, 20, 29 STANDARD" TO "**RWY 02, 11, 29:** STANDARD **RWY 20:** 300 - 1 1/8 OR STANDARD WITH MINIMUM CLIMB OF 290 FT PER NM TO 300" - NEW OBSTACLES IDENTIFIED WITH UPDATED SURVEY DATED 6/11/2015 FOR RWY 20, 183 FT MSL TREE (02-256187) 592921.43N/1394218.37W (CLIMB GRADIENT, CLIMB-TO ALTITUDE, CEILING), 179 FT MSL TREE (02-227327) 592921.20N/1394239.16W (VISIBILITY).
2. TEXTUAL DEPARTURE PROCEDURES CHANGED FROM "RWY 2, 11, 20, 29 - ALL AIRCRAFT CLIMB TO AIRWAY MEA FOR DIRECTION OF FLIGHT DIRECT YAK VOR/DME OR OCC NDB, CONTINUE CLIMB TO MEA VIA ASSIGNED AIRWAY" TO "**RWY 02:** CLIMB ON HEADING 024.98 TO 900 THEN CLIMBING RIGHT TURN TO INTERCEPT YAK VOR/DME R-071 TO YAK VOR/DME, CONTINUE CLIMB TO MEA VIA ASSIGNED AIRWAY. **RWY 11:** CLIMB ON HEADING 115.00 TO 900 THEN CLIMBING LEFT TURN TO INTERCEPT YAK VOR/DME R-081 TO YAK VOR/DME, CONTINUE CLIMB TO MEA VIA ASSIGNED AIRWAY. **RWY 20:** CLIMB ON HEADING 205.00 TO 900 THEN CLIMBING LEFT TURN TO INTERCEPT YAK VOR/DME R-171 TO YAK VOR/DME, CONTINUE CLIMB TO MEA VIA ASSIGNED AIRWAY. **RWY 29:** CLIMB ON HEADING 295.03 TO 900 THEN CLIMBING RIGHT TURN TO INTERCEPT YAK VOR/DME R-333 TO YAK VOR/DME, CONTINUE CLIMB TO MEA VIA ASSIGNED AIRWAY." - OCC NDB DECOMM, NEW CONTROLLING OBSTACLES ON RWY 20 IDENTIFIED REQUIRING CG/CGTA, UPDATED CRITERIA IAW 8260.46H.
3. UPDATED TAKEOFF OBSTACLE NOTES - NEW OBSTACLE EVALUATION RESULTS PER UPDATED SURVEY DATED 6/11/2015.
4. UPDATED CONTROLLING OBSTACLES - NEW OBSTACLE EVALUATION RESULTS PER UPDATED SURVEY DATED 6/11/2015, 183 FT TREE IDENTIFIED REQUIRING CG/CGTA FOR RWY 20.
5. ADDED REMARKS: "110 FT VEGETATION HEIGHT USED PER FPT, 100 FT SHIP MAST HEIGHTS USED PER FPT/USCG" - PER FPT AND FOR FUTURE EVALUATION REFERENCE.

QUALITY
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CHECKED