

**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
DEERING, AK	DEERING	5 JANUARY 2017	2

TAKEOFF MINIMUMS:

RWY 3, 21, STANDARD.

RWY 12, STANDARD WITH MINIMUM CLIMB OF 350 FEET PER NM TO 700, OR 1100-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

RWY 30, STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

RWY 21 - CLIMB HEADING 209 TO 600 BEFORE TURNING LEFT.

VISUAL CLIMB OVER AIRPORT:

RWY 12 - FOR CLIMB IN VISUAL CONDITIONS, CROSS DEERING AIRPORT AT OR ABOVE 1000 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 03, VEGETATION 20 FT FROM DER, 138 FT RIGHT OF CENTERLINE, 23 FT MSL. VEGETATION 25 FT FROM DER, 127 FT LEFT OF CENTERLINE, 21 FT MSL. TERRAIN, BEGINNING 68 FT FROM DER, 9 FT RIGHT OF CENTERLINE, UP TO 37 FT MSL. TERRAIN, BEGINNING 157 FT FROM DER, 178 FT LEFT OF CENTERLINE, UP TO 37 FT MSL. POLE, TERRAIN, BEGINNING 246 FT FROM DER, 17 FT RIGHT OF CENTERLINE, UP TO 28 FT AGL/42 FT MSL. TERRAIN, BEGINNING 397 FT FROM DER, 365 FT LEFT OF CENTERLINE, UP TO 40 FT MSL. POLE, TERRAIN, BEGINNING 575 FT FROM DER, 212 FT RIGHT OF CENTERLINE, UP TO 37 FT AGL/50 FT MSL.

NOTE: RWY 12, TERRAIN 114 FT FROM DER, 238 FT RIGHT OF CENTERLINE, 30 FT MSL. TERRAIN 132 FT FROM DER, 153 FT LEFT OF CENTERLINE, 30 FT MSL. TERRAIN 5565 FT FROM DER, 1138 FT LEFT OF CENTERLINE, 165 FT MSL. TERRAIN, BEGINNING 5582 FT FROM DER, 255 FT LEFT OF CENTERLINE, UP TO 201 FT MSL. TERRAIN, BEGINNING 5963 FT FROM DER, 10 FT LEFT OF CENTERLINE, UP TO 210 FT MSL. TERRAIN, BEGINNING 6002 FT FROM DER, 774 FT RIGHT OF CENTERLINE, UP TO 181 FT MSL. TERRAIN 1 NM FROM DER, 1187 FT LEFT OF CENTERLINE, 217 FT MSL. TERRAIN, GRD, BEGINNING 1 NM FROM DER, 157 FT LEFT OF CENTERLINE, UP TO 227 FT MSL. TERRAIN, BEGINNING 1 NM FROM DER, 234 FT RIGHT OF CENTERLINE, UP TO 201 FT MSL. TERRAIN 1 NM FROM DER, 2049 FT RIGHT OF CENTERLINE, 204 FT MSL. TERRAIN, BEGINNING 1 NM FROM DER, 87 FT RIGHT OF CENTERLINE, UP TO 210 FT MSL. TERRAIN, BEGINNING 1 NM FROM DER, 60 FT LEFT OF CENTERLINE, UP TO 237 FT MSL. TERRAIN, GRD, VEGETATION, BEGINNING 1 NM FROM DER, 31 FT RIGHT OF CENTERLINE, UP TO 220 FT MSL. TERRAIN, GRD, BEGINNING 1.1 NM FROM DER, 207 FT LEFT OF CENTERLINE, UP TO 243 FT MSL. TERRAIN, VEGETATION, BEGINNING 1.1 NM FROM DER, 37 FT RIGHT OF CENTERLINE, UP TO 243 FT MSL. TERRAIN, GRD, BEGINNING 1.1 NM FROM DER, 109 FT LEFT OF CENTERLINE, UP TO 253 FT MSL. GRD 1.1 NM FROM DER, 2042 FT RIGHT OF CENTERLINE, 243 FT MSL. TERRAIN, GRD, BEGINNING 1.1 NM FROM DER, 19 FT RIGHT OF CENTERLINE, UP TO 240 FT MSL. TERRAIN, GRD, BEGINNING 1.1 NM FROM DER, 257 FT LEFT OF CENTERLINE, UP TO 260 FT MSL. TERRAIN 1.2 NM FROM DER, 1312 FT RIGHT OF CENTERLINE, 253 FT MSL. TERRAIN, BEGINNING 1.2 NM FROM DER, 12 FT LEFT OF CENTERLINE, UP TO 273 FT MSL. TERRAIN, BEGINNING 1.2 NM FROM DER, 135 FT RIGHT OF CENTERLINE, UP TO 263 FT MSL. GRD, TERRAIN, BEGINNING 1.2 NM FROM DER, 36 FT RIGHT OF CENTERLINE, UP TO 274 FT MSL. TERRAIN, GRD, BEGINNING 1.2 NM FROM DER, 159 FT LEFT OF CENTERLINE, UP TO 286 FT MSL. TERRAIN, BEGINNING 1.2 NM FROM DER, 85 FT RIGHT OF CENTERLINE, UP TO 276 FT MSL. TERRAIN, BEGINNING 1.2 NM FROM DER, 306 FT LEFT OF CENTERLINE, UP TO 306 FT MSL. TERRAIN, GRD, BEGINNING 1.3 NM FROM DER, 23 FT LEFT OF CENTERLINE, UP TO 315 FT MSL. TERRAIN, BEGINNING 1.3 NM FROM DER, 723 FT RIGHT OF CENTERLINE, UP TO 299 FT MSL. GRD, TERRAIN, BEGINNING 1.3 NM FROM DER, 330 FT RIGHT OF CENTERLINE, UP TO 305 FT MSL. TERRAIN, GRD, BEGINNING 1.3 NM FROM DER, 14 FT LEFT OF CENTERLINE, UP TO 325 FT MSL. TERRAIN, BEGINNING 1.3 NM FROM DER, 183 FT RIGHT OF CENTERLINE, UP TO 315 FT MSL. TERRAIN, BEGINNING 1.4 NM FROM DER, 35 FT RIGHT OF CENTERLINE, UP TO 315 FT MSL. TERRAIN, GRD, BEGINNING 1.4 NM FROM DER, 280 FT RIGHT OF CENTERLINE, UP TO 332 FT MSL. TERRAIN, BEGINNING 1.4 NM FROM DER, 133 FT RIGHT OF CENTERLINE, UP TO 335 FT MSL. TERRAIN, GRD, BEGINNING 1.4 NM FROM DER, 378 FT RIGHT OF CENTERLINE, UP TO 352 FT MSL. TERRAIN, GRD, BEGINNING 1.5 NM FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 429 FT MSL. TERRAIN 1.9 NM FROM DER, 3416 FT RIGHT OF CENTERLINE, 325 FT MSL.

NOTE: RWY 21, LT, BEGINNING ABEAM DER, 47 FT LEFT OF CENTERLINE, UP TO 4 FT AGL/27 FT MSL. LT, REIL LTD, BEGINNING ABEAM DER, 51 FT RIGHT OF CENTERLINE, UP TO 4 FT AGL/26 FT MSL. TERRAIN, BEGINNING 56 FT FROM DER, 62 FT RIGHT OF CENTERLINE, UP TO 60 FT MSL. TERRAIN 81 FT FROM DER, 515 FT LEFT OF CENTERLINE, 40 FT MSL. TERRAIN, BEGINNING 233 FT FROM DER, 125 FT LEFT OF CENTERLINE, UP TO 43 FT MSL. TERRAIN, BEGINNING 601 FT FROM DER, 265 FT RIGHT OF CENTERLINE, UP TO 63 FT MSL. TERRAIN 1539 FT FROM DER, 859 FT RIGHT OF CENTERLINE, 69 FT MSL. TERRAIN, BEGINNING 1932 FT FROM DER, 867 FT RIGHT OF CENTERLINE, UP TO 86 FT MSL. TERRAIN, BEGINNING 2476 FT FROM DER, 883 FT RIGHT OF CENTERLINE, UP TO 92 FT MSL.

NOTE: RWY 30, TERRAIN 86 FT FROM DER, 299 FT RIGHT OF CENTERLINE, 40 FT MSL. TERRAIN 104 FT FROM DER, 92 FT LEFT OF CENTERLINE, 43 FT MSL. TERRAIN, BEGINNING 122 FT FROM DER, 239 FT LEFT OF CENTERLINE, UP TO 46 FT MSL. TERRAIN, BEGINNING 268 FT FROM DER, 152 FT RIGHT OF CENTERLINE, UP TO 43 FT MSL. TERRAIN, BEGINNING 467 FT FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 50 FT MSL. TERRAIN, BEGINNING 648 FT FROM DER, 250 FT RIGHT OF CENTERLINE, UP TO 60 FT MSL. TERRAIN, BEGINNING 683 FT FROM DER, 141 FT LEFT OF CENTERLINE, UP TO 56 FT MSL. TERRAIN, BEGINNING 847 FT FROM DER, 103 FT RIGHT OF CENTERLINE, UP TO 66 FT MSL. TERRAIN 883 FT FROM DER, 288 FT LEFT OF CENTERLINE, 66 FT MSL. TERRAIN, BEGINNING 900 FT FROM DER, 43 FT LEFT OF CENTERLINE, UP TO 73 FT MSL. TERRAIN, BEGINNING 1046 FT FROM DER, 201 FT RIGHT OF CENTERLINE, UP TO 69 FT MSL.

CONTROLLING OBSTACLES:

RWY 12: 429 FT MSL TREE 660245.19N/1624316.00W (CLIMB GRADIENT) 906 FT MSL AAO 660109.82N/1623759.57W (CLIMB TO ALTITUDE)

RWY 30: 179 FT MSL TREE 660443.34N/1624802.55W VCOA: 906 FT MSL AAO 660109.82N/1623759.57W



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DEERING, AK	DEERING	5 JANUARY 2017	2

REMARKS:

FLIGHT INSPECTED BY:

DANIEL C FAVORITE

Digitally signed by

STEVEN A VARGAS

Nov 10, 2016

OFFICE SYMBOL:

FICO

DATE:

10/31/2016

DEVELOPED BY:

JIMMY S. HUGHES

Digitally signed by

JIMMY S HUGHES

Jul 26, 2016

OFFICE SYMBOL:

AJV-5432

DATE:

06/24/2016

APPROVED BY:

LONNIE EVERHART

Digitally signed by

STEVEN A VARGAS

Nov 10, 2016

OFFICE SYMBOL:

AJV-5430

DATE:

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A

ALPA

AOPA

APA

HAI

NBAA



OTHER:

APT MGR, ZAN

CHANGES - REASONS:

1. RWY NUMBERS CHANGED FROM 2/20 TO 3/21, 11/29 TO 12/30 - AIRPORT MAGVAR CHANGED FROM 16E TO 11E.
2. UPDATED OBSTACLE TAKEOFF NOTES - NEW SURVEY ADDED NUMEROUS NEW OBSTACLES.
3. REMOVED VISIBILITY AND CLIMB GRADIENT TO RWY 30 - NO OBSTACLES CAUSE CLIMB GRADIENT.
4. DECREASED CLIMB GRADIENT AND CLIMB TO ALTITUDE FOR RWY 12 FROM 360 FT PER NM TO 800 TO 350 FT PER NM TO 700 - SAME PREVIOUS OBSTACLE REDUCED CLIMB GRADIENT AND CLIMB TO ALTITUDE.

