

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation 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.
FAIRBANKS, AK	FAIRBANKS INTL	10 DECEMBER 2015	6

TAKEOFF MINIMUMS:

RWY 20L, 20R, STANDARD.

RWY 2L, STANDARD WITH MINIMUM CLIMB OF 230 FT PER NM TO 2600.

RWY 2R, STANDARD WITH MINIMUM CLIMB OF 205 FT PER NM TO 2000, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1900 FT PRIOR TO DER.

TEXTUAL DEPARTURE PROCEDURES:

RWY 2L: CLIMB HEADING 035.05 TO 2600 BEFORE PROCEEDING ON COURSE.

RWY 2R: CLIMB HEADING 035.05 TO 2100 BEFORE PROCEEDING ON COURSE.

RWY 20L, 20R: CLIMB HEADING 200.08 TO 2000 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 2L, BUILDING 330 FT FROM DER, 251 FT LEFT OF CENTERLINE, 13 FT AGL/448 FT MSL. TREES BEGINNING 2256 FT FROM DER, 937 FT RIGHT OF CENTERLINE, UP TO 84 FT AGL/517 FT MSL. POLE, TRANSMISSION LINE, CATENARY, AND TREES BEGINNING 1961 FT FROM DER, 666 FT LEFT OF CENTERLINE, UP TO 78 FT AGL/514 FT MSL.

NOTE: RWY 2R, BUILDINGS, VEHICLES ON ROAD, BUSHES, SIGNS, FENCE, TANKS, AND TREES BEGINNING ABEAM DER, 244 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/448 FT MSL. SIGNS AND AIRCRAFT ON RAMP BEGINNING 11 FT FROM DER, 247 FT RIGHT OF CENTERLINE, UP TO 8 FT AGL/441 FT MSL.

NOTE: RWY 20L, LIGHT 9 FT FROM DER, 30 FT RIGHT OF CENTERLINE, 1 FT AGL/434 FT MSL. LIGHT 9 FT FROM DER, 30 FT LEFT OF CENTERLINE, 1 FT AGL/437 FT MSL. SIGN AND TREES BEGINNING 21 FT FROM DER, 249 FT RIGHT OF CENTERLINE, UP TO 38 FT AGL/470 FT MSL. SIGN, TRANSMISSION LINE TOWER, AND CATENARIES BEGINNING 49 FT FROM DER, 457 FT LEFT OF CENTERLINE, UP TO 37 FT AGL/465 FT MSL. TREES BEGINNING 292 FT FROM DER, 552 FT RIGHT OF CENTERLINE, UP TO 72 FT AGL/501 FT MSL. POLE, TRANSMISSION LINE TOWER, AND TREES BEGINNING 458 FT FROM DER, 546 FT LEFT OF CENTERLINE, UP TO 49 FT AGL/480 FT MSL. TREES BEGINNING 1225 FT FROM DER, 236 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/501 FT MSL. TREES BEGINNING 1895 FT FROM DER, 131 FT LEFT OF CENTERLINE, UP TO 62 FT AGL/492 FT MSL.

NOTE: RWY 20R, BUILDING 7 FT FROM DER, 424 FT RIGHT OF CENTERLINE, 22 FT AGL/447 FT MSL. LIGHT AND NAVAID 10 FT FROM DER, 65 FT RIGHT OF CENTERLINE, 1 FT AGL/437 FT MSL. LIGHT 10 FT FROM DER, 64 FT LEFT OF CENTERLINE, 1 FT AGL/436 FT MSL. TREES BEGINNING 1093 FT FROM DER, 786 FT LEFT OF CENTERLINE, UP TO 54 FT AGL/483 FT MSL. TREES BEGINNING 1799 FT FROM DER, 714 FT RIGHT OF CENTERLINE, UP TO 66 FT AGL/492 FT MSL.

CONTROLLING OBSTACLES:

RWY 2L, 2R: 1599 FT AAO 645459.25N/1474052.40W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 2L - 2825 FT MSL AAO 650205.55N/1473003.70W.

RWY 2R, 20R - 2473 FT MSL TOWER 645242.00N/1480144.00W.

RWY 20L - 2561 FT MSL AAO 645233.91N/1480402.30W.



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REMARKS:

1. WAIVER ON FILE FOR ATC REQUEST TO OPT OUT OF VCOA FOR RWY 2L AND 2R.
2. RWY 2L AND 2R DEPARTURE COURSE OFFSET 15 DEGREES TO ACHIEVE LOWEST POSSIBLE CLIMB GRADIENTS.
3. MAGVAR 18E DERIVED FROM DEC 2016 EPOCH YEAR CAT II/III ILS TABLE.
4. TOD TEAM UNABLE TO IMPROVE ACCURACY CODE FOR RWY 2R AND RWY 20R CONTROLLING OBSTACLE (02-000186, 5F). REQUESTING 4D ACCURACY CHECK FROM FLIGHT INSPECTION.

FLIGHT INSPECTED BY:

Digitally signed by
KENNETH E JACK FICO **LONNIE EVERHART** 09/28/2015
Oct 02, 2015

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

Digitally signed by
PETER GUIMOND **PETER R GUIMOND** AJV-5413 05/09/2015
May 09, 2015

APPROVED BY:

JILL OLSON AJV-5430 *Digitally signed by*
LONNIE EVERHART

COORDINATED WITH:

Oct 02, 2015

ALPA, APA, AOPA, NBAA, ZAN, FAI APP CON, FAI ATCT, AMGR

CHANGES:

1. CHANGED AIRPORT MAGVAR FROM 21E TO 18E.
2. AMENDED RWY 2R TAKEOFF MINIMUMS FROM STANDARD WITH MINIMUM CLIMB OF 230 FT PER NM TO 2600 TO READ STANDARD WITH MINIMUM CLIMB OF 205 FT PER NM TO 2000, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1900 FT PRIOR TO DER.
3. AMENDED RWY 2L DEPARTURE PROCEDURE MAGNETIC HEADING FROM 032.05 TO 035.05.
4. AMENDED RWY 2R DEPARTURE PROCEDURE FROM CLIMB HEADING 032.05 TO 2600 BEFORE PROCEEDING ON COURSE TO READ CLIMB HEADING 035.05 TO 2100 BEFORE PROCEEDING ON COURSE.
5. AMENDED RWY 20L AND 20R DEPARTURE PROCEDURE FROM CLIMB HEADING 197.08 TO 2600 BEFORE PROCEEDING ON COURSE TO READ CLIMB HEADING 200.08 TO 2000 BEFORE PROCEEDING ON COURSE.
6. UPDATED TAKEOFF OBSTACLE NOTES FOR ALL RUNWAYS.

REASONS:

1. WESTERN FPT REQUEST.
2. NEW OBSTACLE STUDY.
3. COMPUTED USING UPDATED MAGVAR VALUE.
- 4, 5. DEPARTURE COURSE COMPUTED USING NEW MAGVAR VALUE. CLIMB TO ALTITUDES RECALCULATED AFTER NEW OBSTACLE STUDY.
6. NEW OBSTACLE STUDY USING UPDATED SURVEY INFORMATION.

QUALITY
3
CHECKED