

**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</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
FAIRBANKS INTL	PAFA	FAIRBANKS	AK	7	7 OCTOBER 2021

TAKEOFF MINIMUMS:

RWY 2, 2W, 20, 20W, NA - ENVIRONMENTAL.

RWY 2R, 20L, 20R, STANDARD.

RWY 2L, STANDARD WITH MINIMUM CLIMB OF 232 FT PER NM TO 2000.

TEXTUAL DEPARTURE PROCEDURES:

RWY 2L, 2R: CLIMB ON HEADING 040.00 TO 2000 BEFORE TURNING LEFT.

RWY 20L, 20R: CLIMB ON HEADING 203.08 TO 2000 BEFORE TURNING RIGHT.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 2L, TOWER ON BUILDING 330 FT FROM DER, 251 FT LEFT OF CENTERLINE, 13 FT AGL/448 FT MSL. TREE, CATENARY, TRANSMISSION LINE, POLE BEGINNING 1960 FT FROM DER, 919 FT LEFT OF CENTERLINE, UP TO 66 FT AGL/499 FT MSL. TREE 2286 FT FROM DER, 1055 FT RIGHT OF CENTERLINE, 68 FT AGL/502 FT MSL. TREE 2311 FT FROM DER, 880 FT LEFT OF CENTERLINE, 64 FT AGL/500 FT MSL. TREES BEGINNING 2362 FT FROM DER, 667 FT LEFT OF CENTERLINE, UP TO 78 FT AGL/514 FT MSL. TREE 2455 FT FROM DER, 936 FT RIGHT OF CENTERLINE, 75 FT AGL/508 FT MSL. TREES BEGINNING 2480 FT FROM DER, 950 FT RIGHT OF CENTERLINE, UP TO 78 FT AGL/512 FT MSL. TREE 2920 FT FROM DER, 1205 FT RIGHT OF CENTERLINE, 84 FT AGL/517 FT MSL.

NOTE: RWY 2R, SIGN 35 FT FROM DER, 245 FT RIGHT OF CENTERLINE, 4 FT AGL/436 FT MSL. SIGNS BEGINNING 56 FT FROM DER, 101 FT RIGHT OF CENTERLINE, UP TO 5 FT AGL/437 FT MSL. FENCE 63 FT FROM DER, 449 FT LEFT OF CENTERLINE, 8 FT AGL/436 FT MSL.

NOTE: RWY 20L, ELECTRICAL SYSTEM 9 FT FROM DER, 29 FT RIGHT OF CENTERLINE, 1 FT AGL/434 FT MSL. ELECTRICAL SYSTEM 9 FT FROM DER, 30 FT LEFT OF CENTERLINE, 1 FT AGL/434 FT MSL. TREE, SIGN BEGINNING 21 FT FROM DER, 249 FT RIGHT OF CENTERLINE, UP TO 38 FT AGL/470 FT MSL. SIGN 50 FT FROM DER, 457 FT LEFT OF CENTERLINE, 4 FT AGL/435 FT MSL. CATENARY, TRANSMISSION LINES, POLES, TREE BEGINNING 268 FT FROM DER, 546 FT LEFT OF CENTERLINE, UP TO 37 FT AGL/465 FT MSL. TREES BEGINNING 292 FT FROM DER, 470 FT RIGHT OF CENTERLINE, UP TO 72 FT AGL/501 FT MSL. TREE 871 FT FROM DER, 696 FT LEFT OF CENTERLINE, 476 FT MSL. TREE 1026 FT FROM DER, 721 FT LEFT OF CENTERLINE, 46 FT AGL/478 FT MSL. TREES BEGINNING 1075 FT FROM DER, 701 FT LEFT OF CENTERLINE, UP TO 49 FT AGL/480 FT MSL. TREE 1838 FT FROM DER, 607 FT LEFT OF CENTERLINE, 55 FT AGL/485 FT MSL. TREES BEGINNING 1895 FT FROM DER, 130 FT LEFT OF CENTERLINE, UP TO 62 FT AGL/492 FT MSL.

NOTE: RWY 20R, BUILDING, NAVAID BEGINNING 6 FT FROM DER, 65 FT RIGHT OF CENTERLINE, UP TO 22 FT AGL/447 FT MSL. LIGHTING 9 FT FROM DER, 64 FT LEFT OF CENTERLINE, 436 FT MSL. TREE 1093 FT FROM DER, 785 FT LEFT OF CENTERLINE, 44 FT AGL/473 FT MSL. TREES BEGINNING 1127 FT FROM DER, 789 FT LEFT OF CENTERLINE, UP TO 54 FT AGL/483 FT MSL. TREE 1656 FT FROM DER, 943 FT LEFT OF CENTERLINE, 61 FT AGL/489 FT MSL. TREES BEGINNING 1798 FT FROM DER, 716 FT RIGHT OF CENTERLINE, UP TO 66 FT AGL/492 FT MSL.

CONTROLLING OBSTACLES:

RWY 2L, 2R: 1600 FT MSL AAO 645456.00N/1474057.00W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 2L, 2R - 2517 FT MSL AAO 645245.00N/1480318.00W.

RWY 20L, 20R - 1697 FT MSL AAO 644800.00N/1480054.00W.

REMARKS:

1. DOCUMENTS ON FILE FOR ATC REQUEST TO OPT OUT OF VCOA FOR RWY 2L.
2. RWY 2L AND 2R DEPARTURE COURSE OFFSET TO 040 DEGREES TO LOWER REQUIRED CLIMB GRADIENTS.
3. MAGVAR 15E DERIVED FROM 2025 EPOCH YEAR CAT II/III ILS TABLE.

QUALITY
21
CHECKED

AIRPORT	AIRPORT ID	CITY	STATE	AMDT NO	EFFECTIVE DATE
FAIRBANKS INTL	PAFA	FAIRBANKS	AK	7	7 OCTOBER 2021

FLIGHT INSPECTED BY	<i>Digitally signed by</i>	OFFICE	DATE
JEREMY LEIGHTON	JOHN BORDY	FICO	07/12/2021
	Jul 19, 2021		

DEVELOPED BY	<i>Digitally signed by</i>	OFFICE	DATE
STEVEN WINNER	STEVEN E WINNER	AJV-A422	04/26/2021
	May 05, 2021		

APPROVED BY	<i>Digitally signed by</i>	OFFICE	DATE	TITLE
MARLON ROBINSON	JOHN BORDY	AJV-A420		MANAGER
	Jul 19, 2021			

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAN, FAI APP CON, FAI ATCT, AMGR

CHANGES - REASONS:

1. RWY 2L TAKEOFF MINS CHANGED FROM "STANDARD WITH MINIMUM CLIMB OF 230 FT PER NM TO 2600" TO "STANDARD WITH MINIMUM CLIMB OF 232 FT PER NM TO 2000." - UPDATED EVALUATION.
2. RWY 2R TAKEOFF MINS CHANGED FROM "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" TO "STANDARD." - UPDATED EVALUATION AND NEW AIRNAV RUNWAY DATA.
3. CHANGED RWY 2L TEXTUAL DEPARTURE PROCEDURES FROM "CLIMB HEADING 038.05 TO 2600 BEFORE PROCEEDING ON COURSE" TO "CLIMB ON HEADING 040.00 TO 2000 BEFORE TURNING LEFT." - UPDATED EVALUATION.
4. CHANGED RWY 2R TEXTUAL DEPARTURE PROCEDURES FROM "CLIMB HEADING 038.05 TO 2100 BEFORE PROCEEDING ON COURSE" TO "CLIMB ON HEADING 040.00 TO 2000 BEFORE TURNING LEFT." - UPDATED EVALUATION AND NEW AIRNAV RUNWAY DATA.
5. CHANGED RWY 20L AND 20R TEXTUAL DEPARTURE PROCEDURES FROM "CLIMB HEADING 203.08 TO 2000 BEFORE PROCEEDING ON COURSE" TO "CLIMB ON HEADING 203.08 TO 2000 BEFORE TURNING RIGHT." UPDATED EVALUATION.
6. UPDATED TAKEOFF OBSTACLE NOTES FOR ALL RUNWAYS. - UPDATED EVALUATION.
7. CHANGED RWY 2L AND 2R CONTROLLING OBSTACLE FROM 1599 FT AAO TO 1600 FT AAO. - UPDATED MAP STUDY AND EVALUATION.
8. CHANGED OBSTACLES MANDATING ODP ROUTE DEVELOPMENT FROM 2L/2825 FT AAO, 2R/2473 FT TOWER, 20L/2561 FT AAO AND 20R/2473 FT TOWER TO 2L, R/2517 FT AAO AND 20L, R/1697 FT AAO. - UPDATED EVALUATION.
9. CHANGED "WAIVER ON FILE..." REMARK TO "DOCUMENTS ON FILE..." - OPT OUT IS NOT A WAIVER.
10. CHANGED REMARK FROM "OFFSET 15 DEGREES..." TO "OFFSET TO 040 DEGREES..." - UPDATED EVALUATION.

