

**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>
ENN/PANN	NENANA	AK	4A	

TAKEOFF MINIMUMS:

RWY 4R, 4W, 22L, 22W: NA - ATC.
RWY 22R: STANDARD.
RWY 4L: 600-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 325 FT/NM TO 1100.

TEXTUAL DEPARTURE PROCEDURES:

RWY 4L: CLIMBING RIGHT TURN ON HEADING 127.00 TO 1900, THEN CLIMBING RIGHT TURN DIRECT ENN VORTAC THENCE....
RWY 22R: CLIMB ON HEADING 217.95 TO 1800 THEN CLIMBING LEFT TURN DIRECT ENN VORTAC THENCE....

... CONTINUE CLIMB IN ENN VORTAC HOLDING PATTERN (HOLD SOUTHWEST, LEFT TURNS, 042.43 INBOUND) TO MEA FOR DIRECTION OF FLIGHT BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 4L: TREES BEGINNING 10 FT FROM DER, 129 FT LEFT OF CENTERLINE, UP TO 52 FT AGL/405 FT MSL.
LIGHT POLES 13 FT FROM DER, 95 FT RIGHT OF CENTERLINE, 7 FT AGL/369 FT MSL.
TREE 20 FT FROM DER, 299 FT RIGHT OF CENTERLINE, 370 FT MSL.
TREE 44 FT FROM DER, 183 FT RIGHT OF CENTERLINE, 18 FT AGL/378 FT MSL.
TREES BEGINNING 86 FT FROM DER, 281 FT RIGHT OF CENTERLINE, UP TO 382 FT MSL.
TREES, ANTENNA BEGINNING 132 FT FROM DER, 166 FT RIGHT OF CENTERLINE, UP TO 399 FT MSL.
TREES BEGINNING 487 FT FROM DER, 20 FT LEFT OF CENTERLINE, UP TO 406 FT MSL.
TREES BEGINNING 505 FT FROM DER, 160 FT RIGHT OF CENTERLINE, UP TO 402 FT MSL.
TREES BEGINNING 751 FT FROM DER, 650 FT RIGHT OF CENTERLINE, UP TO 410 FT MSL.
TREES BEGINNING 956 FT FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 436 FT MSL.
TREE 2888 FT FROM DER, 1261 FT LEFT OF CENTERLINE, 442 FT MSL.
TREES BEGINNING 2979 FT FROM DER, 1088 FT LEFT OF CENTERLINE, UP TO 446 FT MSL.
TREE 3139 FT FROM DER, 1026 FT LEFT OF CENTERLINE, 448 FT MSL.
TREES BEGINNING 3218 FT FROM DER, 970 FT LEFT OF CENTERLINE, UP TO 458 FT MSL.
TREES BEGINNING 3250 FT FROM DER, 831 FT LEFT OF CENTERLINE, UP TO 459 FT MSL.
TREE 3463 FT FROM DER, 1220 FT LEFT OF CENTERLINE, 464 FT MSL.
TREE 1.9 NM FROM DER, 3535 FT LEFT OF CENTERLINE, 72 FT AGL/783 FT MSL.
TREES BEGINNING 2 NM FROM DER, 2799 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/830 FT MSL.
TREES BEGINNING 2.1 NM FROM DER, 1312 FT LEFT OF CENTERLINE, UP TO 88 FT AGL/876 FT MSL.

NOTE: RWY 22R: TREES BEGINNING 2 FT FROM DER, 239 FT RIGHT OF CENTERLINE, UP TO 406 FT MSL.
VEGETATION 59 FT FROM DER, 144 FT LEFT OF CENTERLINE, 6 FT AGL/370 FT MSL.
VEGETATION 62 FT FROM DER, 362 FT LEFT OF CENTERLINE, 371 FT MSL.
TREES BEGINNING 84 FT FROM DER, 221 FT RIGHT OF CENTERLINE, UP TO 49 FT AGL/412 FT MSL.
TREES BEGINNING 133 FT FROM DER, 364 FT LEFT OF CENTERLINE, UP TO 388 FT MSL.
TREE 290 FT FROM DER, 509 FT LEFT OF CENTERLINE, 402 FT MSL.
TREE 404 FT FROM DER, 503 FT LEFT OF CENTERLINE, 406 FT MSL.
TREES BEGINNING 416 FT FROM DER, 308 FT RIGHT OF CENTERLINE, UP TO 422 FT MSL.
TREES, POLES BEGINNING 479 FT FROM DER, 493 FT LEFT OF CENTERLINE, UP TO 411 FT MSL.
TREES, ELECTRICAL SYSTEM, TRANSMISSION LINE BEGINNING 1412 FT FROM DER, ON AND RIGHT OF CENTERLINE, UP TO 434 FT MSL.
ELECTRICAL SYSTEM, TRANSMISSION LINE BEGINNING 1617 FT FROM DER, 636 FT LEFT OF CENTERLINE, UP TO 56 FT AGL/415 FT MSL.
TREES BEGINNING 1722 FT FROM DER, 794 FT LEFT OF CENTERLINE, UP TO 416 FT MSL.
TREES BEGINNING 1922 FT FROM DER, 100 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/428 FT MSL.
TREES BEGINNING 1949 FT FROM DER, 121 FT LEFT OF CENTERLINE, UP TO 72 FT AGL/434 FT MSL.
TREES BEGINNING 1974 FT FROM DER, 157 FT LEFT OF CENTERLINE, UP TO 442 FT MSL.
TREES BEGINNING 2050 FT FROM DER, 226 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/443 FT MSL.
TREES BEGINNING 2073 FT FROM DER, 23 FT LEFT OF CENTERLINE, UP TO 447 FT MSL.
TREES BEGINNING 2129 FT FROM DER, 7 FT RIGHT OF CENTERLINE, UP TO 75 FT AGL/437 FT MSL.
TREES BEGINNING 3344 FT FROM DER, 1063 FT RIGHT OF CENTERLINE, UP TO 453 FT MSL.
TREE 3435 FT FROM DER, 1403 FT RIGHT OF CENTERLINE, 456 FT MSL.
TREES BEGINNING 3436 FT FROM DER, 854 FT RIGHT OF CENTERLINE, UP TO 461 FT MSL.
TREE 3778 FT FROM DER, 799 FT RIGHT OF CENTERLINE, 463 FT MSL.
TREES BEGINNING 3779 FT FROM DER, 685 FT RIGHT OF CENTERLINE, UP TO 468 FT MSL.
TREES BEGINNING 3894 FT FROM DER, 904 FT RIGHT OF CENTERLINE, UP TO 472 FT MSL.

CONTROLLING OBSTACLES:

RWY 4L: 859 FT MSL TREE 643439.17N/1490031.54W.
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 4L, 22L: 1671 FT MSL TREE 643523.40N/1490422.30W.



REMARKS:

FLIGHT INSPECTED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021, SUBJECT: GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

Digitally signed by

CASIMIR L TABAKA

OFFICE

DATE

DEVELOPED BY

LEO PALMER

Digitally signed by

LEO PALMER

Jun 30, 2025

OFFICE

AJV-A421

DATE

03/30/2025

APPROVED BY

DAVID DANNER

Digitally signed by

CASIMIR L TABAKA

OFFICE

AJV-A421

DATE

10/22/2025

TITLE

MANAGER

Jun 30, 2025

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

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

OTHER: ZAN ARTCC, AMGR., ST AV DIR.

CHANGES - REASONS:

- ABBREVIATED AMENDMENT ONLY TO UPDATE AIRPORT MAGVAR. - MAGVAR CHANGED FROM 21E/2010 TO 13E/2030.

- TEXTUAL DEPARTURE PROCEDURE: RWY 4L CHANGED FROM "CLIMBING RIGHT TURN VIA HEADING 127 TO 1900 THEN CLIMBING RIGHT TURN DIRECT ENN VORTAC THENCE ..." TO "CLIMBING RIGHT TURN ON HEADING 119.00 TO 1900 THEN CLIMBING RIGHT TURN DIRECT ENN VORTAC THENCE...." - UPDATED WITH CURRENT CRITERIA.

- RWY 22R CHANGED FROM "CLIMB VIA HEADING 217.95 TO 1800 THEN CLIMBING LEFT TURN DIRECT ENN VORTAC, THENCE ..." TO "CLIMB ON HEADING 217.95 TO 1800 THEN CLIMBING LEFT TURN DIRECT ENN VORTAC THENCE...." TO "CLIMB ON HEADING 209.95 TO 1800 THEN CLIMBING LEFT TURN DIRECT ENN VORTAC THENCE...." - UPDATED WITH CURRENT CRITERIA.

- COMMON ROUTE CHANGED FROM "... CONTINUE CLIMB IN ENN VORTAC HOLDING PATTERN (SW, LT, 042.431NBOUND) TO MEA FOR ROUTE OF FLIGHT BEFORE PROCEEDING ON COURSE." TO "... CONTINUE CLIMB IN ENN VORTAC HOLDING PATTERN (HOLD SOUTHWEST, LEFT TURNS, 042.43 INBOUND) AT OR ABOVE MEA FOR DIRECTION OF FLIGHT BEFORE PROCEEDING ON COURSE." - UPDATED WITH CURRENT CRITERIA.

- TAKEOFF OBSTACLE NOTES UPDATE/ADDED WITH THOSE HIGHER AND/OR CLOSER THAN THOSE PUBLISHED. - NEW OIS VG SURVEY DATED 05/01/21 EVALUATED WITH DIVERSE DEPARTURE.

