

Airport Noise Worksheet

Use this worksheet to identify information needed to evaluate a site's exposure to aircraft noise.

Name and Location of Project:
Name of Airport

Date:
Person completing worksheet:

- Determine if the proposed site/project is within 15 miles of a civil or military airport.
 - No. Attach a map identifying the location of the proposed project site and the location of any airports. This worksheet is not required.
 - Yes. Attach a map identifying the location of the proposed project site and the location of any airports. Continue
- Determine the number of operations at the airport by:
 - Going to: <https://www.gcr1.com/5010web/>
 - Under quick links on the right go to "Airport IQ 5010"
 - Type in the name of the city press search
 - Find your airport.
 - Open the report under "Print 5010"
 - Complete section 3 below by using the information found in the report (see yellow arrow in the example below)

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

AIRPORT MASTER RECORD

PRINT DATE: 10/30/2012
AFD EFF: 09/20/2012
Form Approved OMB 2120-0015

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|-----------------------------|-------------------------------|----------------------------|-----------------------|
| 1 ASSOC CITY: KENAI | 4 STATE: AK | LOC ID: ENA | FAA SITE NR: 50410.*A |
| 2 AIRPORT NAME: KENAI MUNI | 5 COUNTY: KENAI-COOK INLET AK | | |
| 3 CBD TO AIRPORT (NM): 00 N | 6 REGION/ADO: AAL/NONE | 7 SECT AERO CHT: ANCHORAGE | |

| GENERAL | | SERVICES | | BASED AIRCRAFT | |
|---|---|---|--|-------------------|--|
| 10 OWNERSHIP: PU | 70 FUEL: 100LL A | 90 SINGLE ENG: 54 | | 91 MULTI ENG: 7 | |
| 11 OWNER: CITY OF KENAI | 71 AIRFRAME RPRS: MINOR | 92 JET: 0 | | | |
| 12 ADDRESS: 210 FIDALGO ST | 72 PWR PLANT RPRS: MINOR | TOTAL: 61 | | | |
| 13 PHONE NR: 907-283-7951 | 73 BOTTLE OXYGEN: NONE | 93 HELICOPTERS: 0 | | 94 GLIDERS: 0 | |
| 14 MANAGER: MARY BONDURANT | 74 BULK OXYGEN: NONE | 95 MILITARY: 0 | | 96 ULTRA-LIGHT: 0 | |
| 15 ADDRESS: 305 N WILLOW SUITE 200 | 75 TSNT STORAGE: TIE | | | | |
| 16 PHONE NR: 907-283-7951 | 76 OTHER SERVICES: CARGO, CHTR, INSTR, RNTL | | | | |
| 17 ATTENDANCE SCHEDULE: ALL MON-FRI 0800-1700 | | | | | |
| 18 AIRPORT USE: PUBLIC | 80 ARPT BCN: CG | OPERATIONS | | | |
| 19 ARPT LAT: 60-34-23.9044N ESTIMATED | 81 ARPT LGT SKED: SEE RMK | 100 AIR CARRIER: 1,045 | | | |
| 20 ARPT LONG: 151-14-41.2000W | 82 UNICOM: | 102 AIR TAXI: 23,263 | | | |
| 21 ARPT ELEV: 99.0 SURVEYED | 83 WIND INDICATOR: YES-L | 103 G A LOCAL: 6,326 | | | |
| 22 ACREAGE: 1200 | 84 SEGMENTED CIRCLE: YES | 104 G A ITRNRT: 6,429 | | | |
| 23 RIGHT TRAFFIC: 01L, 19W | 85 CONTROL TWR: YES | 105 MILITARY: 3,115 | | | |
| 24 NON-COMM LANDING: NO | 86 FSS: KENAI | TOTAL: 40,178 | | | |
| | 87 FSS ON ARPT: YES | OPERATIONS FOR 12 MONTHS ENDING: 12/01/2011 | | | |
| | 88 FSS PHONE NR: 800-478-3576 | | | | |

3. Determine if the annual number of operations for air carriers #100, air taxis #102, military #105, and general aviation #103 plus #104 exceeds thresholds.

| | | |
|---|------------------------|----------------|
| Annual air carrier operations _____. | Is this 9000 or more | Yes ___ No ___ |
| Annual air taxi operations _____. | Is this 18,000 or more | Yes ___ No ___ |
| Annual military operations _____. | Is this 18,000 or more | Yes ___ No ___ |
| Annual general aviation operations _____. | Is this 72000 or more | Yes ___ No ___ |

4. If you answer “No” on each of the questions above, it is assumed that the noise attributed to the airplanes will not extend beyond the boundaries of the airport. Maintain the documentation in your Environmental Review Record. You are finished with the evaluation of airport noise for this airport. If you have marked any question in #3 with “Yes,” continue to 5.

5. Contact the airport manager, (see blue arrow above) and ask them if the airport has noise contour maps. Are contour maps available?
 - Yes. Locate your project on the noise contour map. If there are no roads or railroads that are being considered for noise, utilize the information from the contour map to determine if the site is acceptable. If roads or railroads are being considered input the information obtained from the airport noise contours, along with the road and railroad information in the HUD [Noise Assessment Guidelines](#) (NAG) or the online tool at <http://www.hud.gov/offices/cpd/environment/dnlcalculator.cfm>.

 - No. Construct the approximate DNL contours by using the guidance on page 52 and 53 of the [NAG](#). You will need to obtain the following information from the airport: 1. The number of nighttime jet operations (10pm to 7 am) 2. The number of daytime jet operations (7 am to 10 pm) 3. The flight paths of the major runways. 4. Any available information about expected changes in airport traffic (e.g. will the number of operations increase or decrease in the next 10 to 15 years). Contact your ONAP Representative if you need assistance.