

Airport Noise Worksheet

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

Name and Location of Project:

Date:

Name of Airport:

Person completing worksheet:

1. 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

2. Determine the number of operations at the airport by:
 - Going to: <http://www.gcr1.com/5010web/>
 - 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 arrow #1 in the example below)

 <p>U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION</p>	<p>AIRPORT MASTER RECORD</p>	<p>PRINT DATE: 10/30/2012 AFD EFF 09/20/2012 Form Approved OMB 2120-0015</p>
<p>> 1 ASSOC CITY: KENAI > 2 AIRPORT NAME: KENAI MUNI 3 CBD TO AIRPORT (NM): 00 N</p>	<p>4 STATE: AK 6 REGION/ADO: AAL/NONE</p>	<p>LOC ID: ENA 5 COUNTY: KENAI-COOK INLET AK 7 SECT AERO CHT: ANCHORAGE</p>
<p>GENERAL</p> <p>10 OWNERSHIP: PU 11 OWNER: CITY OF KENAI 12 ADDRESS: 210 FIDALGO ST KENAI, AK 99611 13 PHONE NR: 907-283-7951 14 MANAGER: MARY BONDURANT 15 ADDRESS: 305 N WILLOW SUITE 200 KENAI, AK 99611 16 PHONE NR: 907-283-7951 > 17 ATTENDANCE SCHEDULE: ALL MON-FRI 0800-1700</p> <p>18 AIRPORT USE: PUBLIC 19 ARPT LAT: 60-34-23.9044N ESTIMATED 20 ARPT LONG: 151-14-41.2000W 21 ARPT ELEV: 99.0 SURVEYED 22 ACREAGE: 1200 23 RIGHT TRAFFIC: 01L, 19W > 24 NON-COMM LANDING: NO</p>	<p>SERVICES</p> <p>70 FUEL: 100LL A 71 AIRFRAME RPRS: MINOR 72 PWR PLANT RPRS: MINOR 73 BOTTLE OXYGEN: NONE 74 BULK OXYGEN: NONE 75 TSNT STORAGE: TIE 76 OTHER SERVICES: CARGO, CHTR, INSTR, RNTL</p> <p>FACILITIES</p> <p>80 ARPT BCN: CG 81 ARPT LGT SKED: SEE RMK 82 UNICOM: 83 WIND INDICATOR: YES-L 84 SEGMENTED CIRCLE: YES 85 CONTROL TWR: YES 86 FSS: KENAI 87 FSS ON ARPT: YES 88 FSS PHONE NR: 800-478-3576</p>	<p>BASED AIRCRAFT</p> <p>90 SINGLE ENG: 54 91 MULTI ENG: 7 92 JET: 0 TOTAL: 61</p> <p>93 HELICOPTERS: 0 94 GLIDERS: 0 95 MILITARY: 0 96 ULTRA-LIGHT: 0</p> <p>OPERATIONS</p> <p>100 AIR CARRIER: 1,045 102 AIR TAXI: 23,263 103 G A LOCAL: 6,326 104 G A ITNRNT: 6,429 105 MILITARY: 3,115 TOTAL: 40,178</p> <p>OPERATIONS FOR 12 MONTHS ENDING 12/01/2011</p>

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 ___

1. 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.
2. Contact the airport manager, (see arrow #2 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 <https://www.hudexchange.info/environmental-review/dnl-calculator>.
 - 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 HUD Representative if you need assistance