

Appendix 10. 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: <https://www.airportiq5010.com/5010web/>
- Hit "Go to advanced search."
- 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
1 ASSOC CITY: KENAI		4 STATE: AK	LOC ID: ENA	FAA SITE NR: 50410.*A
2 AIRPORT NAME: KENAI MUNI		6 REGION/AVDO: AAL/NONE	5 COUNTY: KENAI-COOK INLET AK	AFD EFF: 09/20/2012
3 CBD TO AIRPORT (NM): 00 N			7 SECT AERO CHT: ANCHORAGE	Form Approved OMB 2120-0015
GENERAL		SERVICES		BASED AIRCRAFT
10 OWNERSHIP: PU	70 FUEL: 100LL A	90 SINGLE ENG: 54		
11 OWNER: CITY OF KENAI	71 AIRFRAME RPRS: MINOR	91 MULTI ENG: 7		
12 ADDRESS: 210 FIDALGO ST	72 PWR PLANT RPRS: MINOR	92 JET: 0		
KENAI, AK 99611	73 BOTTLE OXYGEN: NONE	TOTAL: 61		
13 PHONE NR: 907-283-7951	74 BULK OXYGEN: NONE	93 HELICOPTERS: 0		
14 MANAGER: MARY BONDURANT	75 TSNT STORAGE: TIE	94 GLIDERS: 0		
15 ADDRESS: 305 N WILLOW SUITE 200	76 OTHER SERVICES: CARGO, CHTR, INSTR, RNTL	95 MILITARY: 0		
KENAI, AK 99611		96 ULTRA-LIGHT: 0		
16 PHONE NR: 907-283-7951				
17 ATTENDANCE SCHEDULE:				
ALL MON-FRI 0600-1700				
	FACILITIES	OPERATIONS		
18 AIRPORT USE: PUBLIC	80 ARPT BCN: CG	100 AIR CARRIER: 1,045		
19 ARPT LAT: 60-34-23.9044N ESTIMATED	81 ARPT LGT SKED: SEE RMK	101 AIR TAXI: 23,263		
20 ARPT LONG: 151-14-41.2000W	82 UNICOM:	102 G A LOCAL: 6,320		
21 ARPT ELEV: 99.0 SURVEYED	83 WIND INDICATOR: YES-L	103 G A (TNRNT): 6,429		
22 ACREAGE: 1200	84 SEGMENTED CIRCLE: YES	104 MILITARY: 3,115		
23 RIGHT TRAFFIC: 01L, 19W	85 CONTROL TWR: YES	TOTAL: 40,178		
24 NON-COMM LANDING: NO	86 FSS: KENAI	OPERATIONS FOR 12 MONTHS ENDING 12/01/2011		
	87 FSS ON ARPT: YES			
	88 FSS PHONE NR: 800-478-3576			

3. Determine if the annual number of operations for air carriers #100, air taxi #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 72,000 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.