

# Ketchikan International Airport Integrated Pest Management Plan

**IPM Plan Effective Dates:**

July 2025 – July 2027

**Management Area Name/Location:**

Ketchikan International Airport

**General Site Description:**

Runway and Taxiway Safety and Security Fence Lines

**Land Uses:**

Air Transportation

**Name of Person in Charge:**

Bryan Turner, Operations Manager

**Certified Applicator Name(s):**

Nicholas Mitchell

**Certification Numbers:**

10857-2512-4/7/9

## Section 1. Action Thresholds

Check the types or categories of pests that might present a problem or need to be controlled at this management site:

<input checked="" type="checkbox"/>	<b>Category</b>
<input checked="" type="checkbox"/>	<b>Vegetation</b>
<input type="checkbox"/>	<b>Insects</b>
<input type="checkbox"/>	<b>Fungus</b>
<input type="checkbox"/>	<b>Rodents</b>
<input type="checkbox"/>	<b>Other (describe below)</b>

**For each pest category listed above, describe the level at which the pest becomes a problem which requires control measures to be taken.**

When vegetation reaches 6 inches in height in the aircraft movement areas it harbors birds and rodents which creates an Aircraft Safety hazard. The FAA requires us to eradicate all vegetation in these areas.

## **Section 2. Monitor and Identify Pests**

**How often will the management area be inspected for the presence of pests?**

Safety areas will be inspected daily and security fence lines will be inspected monthly.

**Which locations will be inspected?**

All areas treated with herbicide will be inspected.

**What methods will be used for identifying and quantifying the presence of pests?**

The presence of vegetation will be determined by a visual survey by the person in charge along with our onsite Biologist, once per month, during our airport field surveys. The airports field maintenance techs document daily records of the work they do for prevention and upkeep.

**How will pest species be identified?**

Vegetation will be identified by our biologist using UC Davis Plant guide.

**Describe record keeping procedures:**

Pest Management records will be kept at the maintenance office in the IPM section of files. Information will be recorded for the future reference and to help guide control decisions.

A record of each daily and monthly inspection will include the date, location and extent of the presence of the pest.

A record of each control applied will include the date, location, and details about the control that was applied.

## **Section 3. Prevent Pests**

**For each pest category listed under Section 1, describe preventative measures that will be taken:**

All areas are compacted gravel with a lack of soil and will be applied with a ground broadcast boom truck with a Cornerstone Plus and 2,4-D LV. These areas will also be graded and compacted as needed.

Spot and area treatments will be applied in areas with heavy alder growth and vegetation near and adjacent to the runway and taxiway. This will also include perimeter fence lines, around landing lights, and any area that creates a habitat for undesirable wildlife. Chemical control will only be used if manual removal of larger brush and small trees cannot be maintained in a timely manner by Staff and or other contractors.

**How often will preventative measures be applied?**

Year around measures is taken including gravel areas that can be graded and compacted when needed. Chemical controls are difficult to time in Southern Southeast Alaska and will be applied only when weather and timing work. Also, manual removal of Trees and brush will be continued throughout the year on all sites of the airport. This will help keep birds and pests from nesting in those areas.

**Section 4. Control Measures**

**For each pest category listed under Section 1, list potential non-chemical control measures that may be used:**

Mechanical Controls

Vegetation not eradicated will be mowed or graded in between herbicide applications and fence lines can be trimmed by hand.

**For each pest category listed under Section 1, describe the characteristics needed in any chemical controls that may be used:**

Vegetation

A product must be a systemic herbicide to ensure that the entire plant is eradicated. Due to the large management area, products should have residual characteristics to reduce the frequency of required applications and prevent future weed growth.

**For each pest category listed under Section 1, list potential chemical controls that may be used:**

Target Pest	Product Name	EPA Registration Number
Vegetation	Cornerstone Plus	1381-192
Vegetation	2,4-D LV4	1381-102

**Describe how treated areas will be re-inspected and evaluated for effectiveness of controls:**

Within 30-60 days application of chemical controls, the person in charge and Certified applicator will re-inspect each treated area to determine if the applied controls achieved the target control

level. If control actions did not achieve the target control level the certified applicator would recommend modifications or additional controls. Post treatment will assess: Amount and re-growth of the unwanted vegetation, evidence of off target herbicide movement, and the general effectiveness of the treatment.