# **Ketchikan International Airport**

# **Integrated Pest Management Plan**

IPM Plan Effective	
Date:	June 2023 through June 2025
Management Area	
Name/Location:	Ketchikan International Airport
General Site	
Description:	Runway and Taxiway Safety Areas 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

# 1. Action Thresholds

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

Х	Category
X	Vegetation
	Insects
	Fungus
	Rodents
	Other (Describe below)

# 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.

# 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 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 with 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 at https://wric.ucdavis.edu/information/weedid.htm or by contacting CES at 1-877-520-5211

## 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 future reference and to help guide control decisions.

A record of each inspection will include the date, locations, and extent of the pest presence.

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

#### 3. Prevent Pests

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

All areas are coarse compacted gravel with a lack of soil and will be sprayed with Corner Stone Plus concentrating spray in areas with heavy alder growth and vegetation near the runway.

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

Year-round measures are taken including gravel areas that can be regraded and compacted when needed keeping birds and pests from nesting in those areas.

# 4. Control Measures

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

Cultural Controls:	Does not apply	
Mechanical	Vegetation not eradicated will be mowed or graded into the gravel in between	
Controls:	herbicide application 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: Product must be a systemic herbicide to ensure that the entire plant is eradicated. Due to the large management area, product should have residual characteristics to reduce the frequency of required application 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	Corner Stone Plus	1381-192

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

Following application of controls (cultural, mechanical, or chemical), the person in charge will reinspect each treated area to determine if the applied controls achieved the target control level.

If the results are not acceptable the PIC will arrange for the certified applicator to evaluate the effectiveness of controls. If control actions did not achieve the target control level, the certified applicator will recommend modifications or additional controls.