



## 2023 Anahim Lake Airport SMS Plan

### **Accountable Executive**

Darron Campbell, Manager of Community Services

### **SMS Coordinator**

Kathleen MacDonald, Community Services Assistant

### **Safety Risk Profile**

<b>Hazard</b>	<b>Identified Risk</b>	<b>Cause(s)</b>	<b>Ranking</b>
Installation of solar panels on terminal	Equipment and workers acting as obstacles to aircraft	Equipment above the Obstacle Limitation Surface (OLS); Insufficient communication between pilots and Airport Manager; lack of a NOTAM.	Low Risk
Drainage of water next to the taxiway and apron	Aircraft strikes or crashes	Equipment above the Obstacle Limitation Surface (OLS); Insufficient communication between pilots and Airport Manager; lack of a NOTAM.	Low Risk
Animal presence on the airport property	Aircraft strikes or crashes	Possible damage to fencing surrounding airport. Dogs, horses and cows not monitored or controlled by owners. Brush attracting animals.	Low Risk
Performance of crack sealing and seal coating on the runway.	Aircraft strikes or crashes	Equipment above the Obstacle Limitation Surface (OLS); Insufficient communication between pilots and Airport Manager; lack of a NOTAM.	Medium Risk

## Safety Goals & Performance Indicators

- 1. Goal:** Reduce risk of an incident or accident occurring during the installation of solar panels on the terminal building to as close to zero as possible.

**Short Term Strategy:** Release a NOTAM informing pilots of the work.

**Long Term Strategy:** Ensure all equipment remains below the Obstacle Limitation Surface (OLS); have the contractor and workers fill out Contractor Orientation forms to show that the workers understand how to work safely on the airport property; have the Airport Manager, contractor, workers, and pilots maintain close communication.

**Performance Indicators:** The lack of an incident or accident; a record of the NOTAM will be kept in the NOTAM Tracker; completed Contractor Orientation forms will be kept on file.
  
- 2. Goal:** Reduce risk of an incident or accident occurring during the drainage of water near the taxiway and apron to as close to zero as possible.

**Short Term Strategy:** Release a NOTAM informing pilots of the work.

**Long Term Strategy:** Ensure all equipment remains below the Obstacle Limitation Surface (OLS); have the contractor and workers fill out Contractor Orientation forms to show that the workers understand how to work safely on the airport property; have the Airport Manager, contractor, workers and pilots maintain close communication.

**Performance Indicators:** The lack of an incident or accident; a record of the NOTAM will be kept in the NOTAM Tracker; completed Contractor Orientation forms will be kept on file.
  
- 3. Goal:** Reduce the number of animals on the airport property to as close to zero as possible.

**Short Term Strategy:** Inspect fencing surrounding the airport to ensure fencing is in sufficient repair to keep animals off the property.

**Long Term Strategy:** Fix fencing if required; remove dead trees and brush close to the fence if required to prevent damage to the fence and remove cover for animals; work with the RCMP to ensure owners keep their animals from roaming onto the property.

**Performance Indicators:** The number of animals on the airport property for 2023, as indicated on the 2023 Animal Presence Tracker, will be compared to the number of animals on the airport property in 2022 (six dogs), with the expectation that the number for 2023 will be similar to or less than the number for 2022.
  
- 4. Goal:** Reduce the risks of trees infringing into the Obstacle Limitation Surface (OLS) to as close to zero as possible.

**Long Term Strategy:** The Airport Manger will implement the tree height maintenance plan by annually assessing trees using an inclinometer and

completing the Inclinometer Checklist. Trees measured above the OLS, or approaching the OLS, will be noted in an SMS safety form and addressed through an SMS action plan.

**Performance Indicators:** Consistent lack of trees infringing into the OLS.

### **Facility Improvements**

1. Tree removal as needed.
2. Brushing and fence repair as needed.

### **Process Improvements**

1. The updated personal training forms will be implemented.
2. SMS procedures will continue to be implemented.
3. An internal Operational Audit will be performed.
4. Staff, with participation from the Anahim Lake Airport Commission, the winter maintenance contractor, and other stakeholders, will conduct a tabletop emergency exercise.

### **Changes that could affect SMS**

CRD staff is not aware of any changes that could affect the SMS at this time.