

Avian Radar Services



Background

- The Average Wildlife Strike is Estimated to Cost Airlines >\$62,000.
 - Well Over 90% of the Wildlife Strikes, However, Do Not Impact the Air Carrier
- Annual Reported Strikes/100,000 Aircraft Operations has Declined
 - 2011-13 Annual Rate = 24 Before Radar was Operationalized
 - 2014-17 Annual Rate = 19 After Radar was Operationalized
- Remarkably
 - The Decline Happened as the Port Encouraged Airlines to Report More Strikes
- Moreover, Avian Radar Saved the Port Millions of Dollars
 - Radar Data Proved that the Port's Preferred Stormwater Pond Design Would Not Attract Hazardous Wildlife

3 Year + 4 Optional Single Years

- Accipiter Avian Radar Incorporated (ARTI)
 - Retains Ownership of and Maintains All Radars and Software Applications
 - Data are Owned by the Port of Seattle
 - Data are Used Near Real-Time for the Threat Viewer
 - Forensic Investigations on Past Bird Strikes Events are Now Plausible and Valuable for Creating Advanced Hazard Alerts for Airport Operations/ATCT



The Canada Goose, *Branta canadensis*, is One of the Most Hazardous Species at Sea-Tac Airport