

AURORA

ALL ABOUT FAI'S ROBOTIC HELPER



THE “DOG”

The 72 pound robotic quadruped is about the size of a Labrador Retriever. Engineered by Boston Dynamics, Aurora is the “Spot” platform. The robot costs about \$70,000 and is operated as we as autonomous.

Aurora has a top speed of 1.6 m/s and can operate for about 90 minutes before recharging.



WHAT IS HER JOB?

Aurora will be stationed at Fairbanks International Airport to meticulously document migratory bird species and, in collaboration with a wildlife biologist, employ non-lethal methods to manage wildlife activity. Migratory birds present a significant hazard to aircraft safety, endangering both their own lives and those aboard planes. Aurora represents a proactive approach to mitigating these potential threats in a manner that prioritizes safety for all involved

WHO PAID?

As migratory birds are a universal issue, there is national interest in safely removing birds from airports, so Aurora was paid for by a grant from the USDA to test her feasibility.

THE LEASH

Aurora can be operated with a tablet, computer, or autonomously will always have a human “handler” with her.

