

# FAA TRACON AIR TRAFFIC CONTROL FACILITY ANCHORAGE, ALASKA

## KEY PARAMETERS

- Type of Facility – Existing (EB)
- Function – Aviation/Airport
- Project Completed – 2008

**Challenge:** Shortly after the facility opened in 2006 there were complaints about odors and jet engine exhaust fumes migrating into the facility through the fresh air intakes. There were concerns about the wellness of the highly trained staff of fifty to seventy-five people at the facility which includes offices near the base of the structure and the air traffic control tower above. Dynamic Air Cleaners were recommended to filter the incoming air.



**Solution:** Dynamic V-Bank Air Cleaners were installed in the existing air handling units. The air cleaners were installed to filter the incoming ventilation air in addition to some of the recirculated indoor air.



**Results:** The Dynamic Air Cleaners performed as expected, eliminating the odors and the complaints. The installation effectively demonstrates the ability of Dynamic polarized-media electronic cleaners to provide a cost-effective alternative to carbon filtration in aviation and airport environments.

## TEAM

- Owner – U.S. Federal Aviation Administration
- Engineers – MBA Consulting Engineers, Inc.
- In-house Facility Manager – Jay Van Alstine, FAA Terminal Project Mgr

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