

Modernizing Coast Guard Aviation

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Recent Efforts and Milestones

- Innovative Training
- Fielding New Capability
- Upgrading Assets

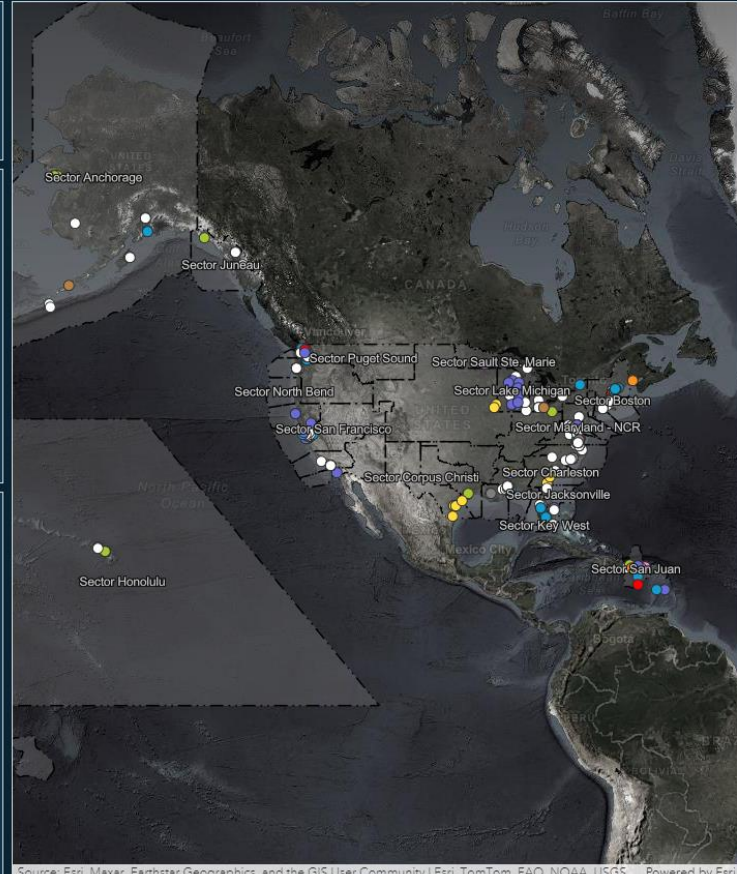
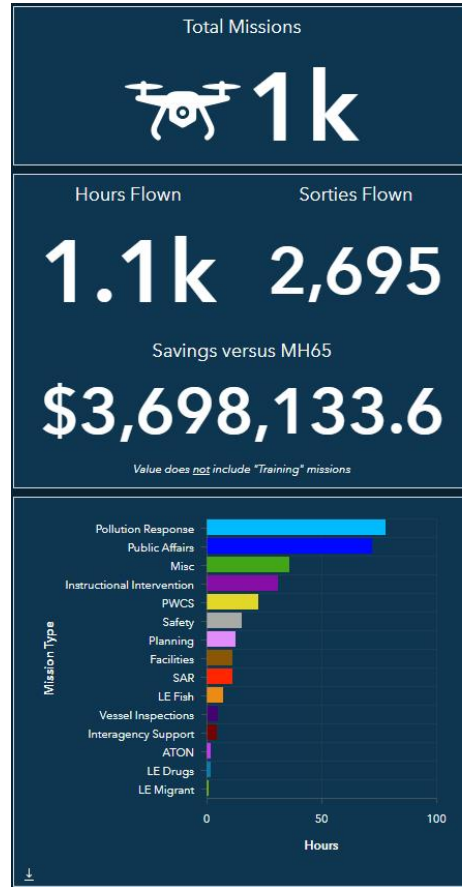


Training

- Helicopter Hoist Operator Training
 - Historically on-the-job training in aircraft, 4-9 months to complete
 - Commercial vendor provides 2 week ground training and hoist simulations
 - Hoist simulation includes H-60/H65 cabin mock up
 - Flight Mechanic syllabus aircraft events reduced by over 50%
- Flight School Updates
 - Normal path: primary in fixed wing aircraft to advanced in rotary wing aircraft
 - Average student time to train was as high as 2.5 years
 - CG partnered with DoD on 3 initiatives to produce rotary wing pilots in 12-15 months
 - (US Navy) COPT-R – Contractor Operated Pilot Training Rotary.
 - (US Navy) CORPS – Copter Only Replacement Pilot Solution.
 - (US Air Force) UHT – Undergraduate Helicopter Training.

New Capability - Short Range UAS

- 209 total SR-UAS fielded
- 60 units with SR-UAS
- 425 pilots trained
- Capability supports all mission sets
- Developed ARCGIS dashboard for metrics



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community | Esri, TomTom, FAO, NOAA, USGS | Powered by Esri

Avionics Upgrades

- Operational fleet fully upgraded to HC-144B in January 2024
 - Incorporated Minotaur System into aircraft
 - Integrates all aircraft sensor data into one system for optimized detection capability
 - Navigation updates
 - Aircraft capable of flying GPS approaches to lower minimums
- Operational fleet fully upgraded to MH-65E in March 2024
 - CAAS – Common Avionics Architecture System
 - AFCS – Automatic Flight Control System
 - New weather radar
 - GPS/RNAV approach capability

