

Federal Aviation Administration

Security and Hazardous Materials Safety



Presented to: Aviation Industry Security Consortium

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Date: October 18, 2022





Overview

- FAA Security and Hazardous Materials Safety (ASH)
- FAA's Office of Hazardous Materials Safety (AXH) and its role
- Safety Promotion
- Discussion
- Stay Connected / Questions?





MISSION

Protect the world's safest aviation system through identification, analysis, and response to security threats and safety risks to the National Aviation System (NAS).



VISION



To be the premier national aviation authority on security risk management, delivering expertise and information to key partners across the security and safety domains.



VALUE PROPOSITION



ASH provides stakeholders with an integrated aviation security and safety resource that is responsive, actionable and resilient to the complexities of an increasingly interconnected risk landscape.



STRATEGY



Federal Aviation Administration (FAA) Security and Hazardous Material Safety (ASH) FY2022-FY2024 Strategy



Federal Aviation
Administration

March 2021
Version 1.0

II. ASH Strategy Goals Overview

ASH Strategy
FY2022-FY2024

The Goals identified in this Strategy define the high-level priorities for ASH to achieve its Vision. The Goals align with the overarching FAA Pillars (FAA Strategic Plan FY22-26, forthcoming).

MITIGATE AVIATION AND AEROSPACE RISKS

Advance ASH's ability to identify, analyze, and manage security and safety risks to aviation, FAA assets, and personnel

STRENGTHEN STAKEHOLDER ENGAGEMENT

Promote collaboration with internal, interagency, industry, and global stakeholders and partners to solidify ASH's role as the go-to resource for security and safety services

INVEST IN OUR PEOPLE

Strengthen development, talent acquisition, and engagement to build and retain a workforce with the skillsets needed to address the evolving security and safety challenges of tomorrow

ASH Vision

To be the premier national aviation authority on security risk management, delivering expertise and information to key partners across the security and safety domains

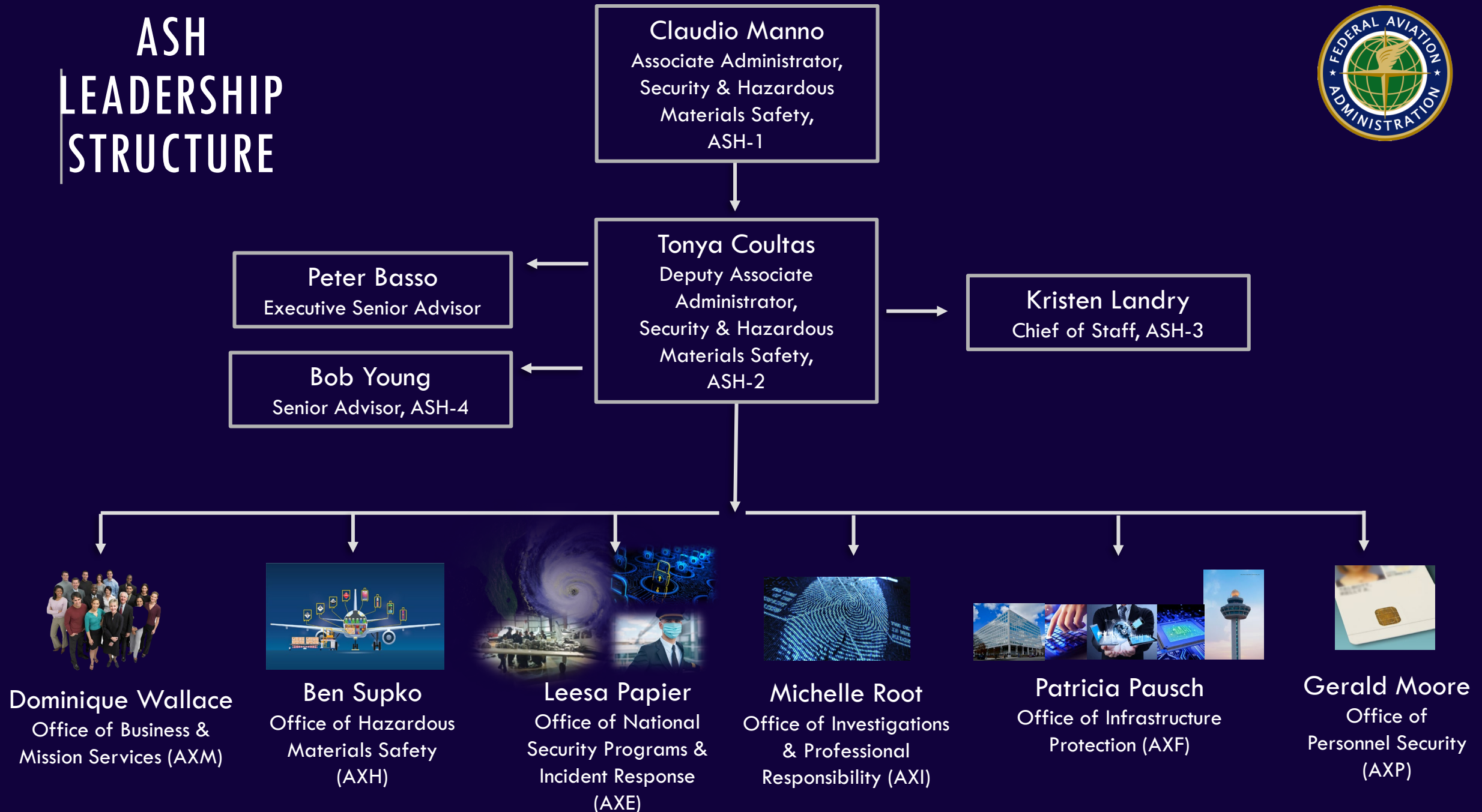
ADVANCE DATA-DRIVEN DECISION-MAKING

Improve data collection, access, and quality using innovative technologies and approaches to inform credible, actionable, evidence-based, and risk-informed decisions

ENHANCE ASH OPERATIONAL EXCELLENCE

Expand ongoing improvements to operational efficiency and innovation capabilities to support mission success

ASH LEADERSHIP STRUCTURE





OFFICE OF HAZARDOUS MATERIALS SAFETY (AXH)



From aerosols to lithium batteries to flammable liquids, ASH is responsible for ensuring the safety of more than **261,000** tons of dangerous goods transported by air in the U.S., annually, by both passenger and cargo aircraft.



OFFICE OF HAZARDOUS MATERIALS SAFETY (AXH)



Cargo Safety:

Leads a global cargo safety initiative to evolve how the aviation industry and supply chain identify and mitigate cargo hazards at the aircraft level.



OFFICE OF HAZARDOUS MATERIALS SAFETY (AXH)

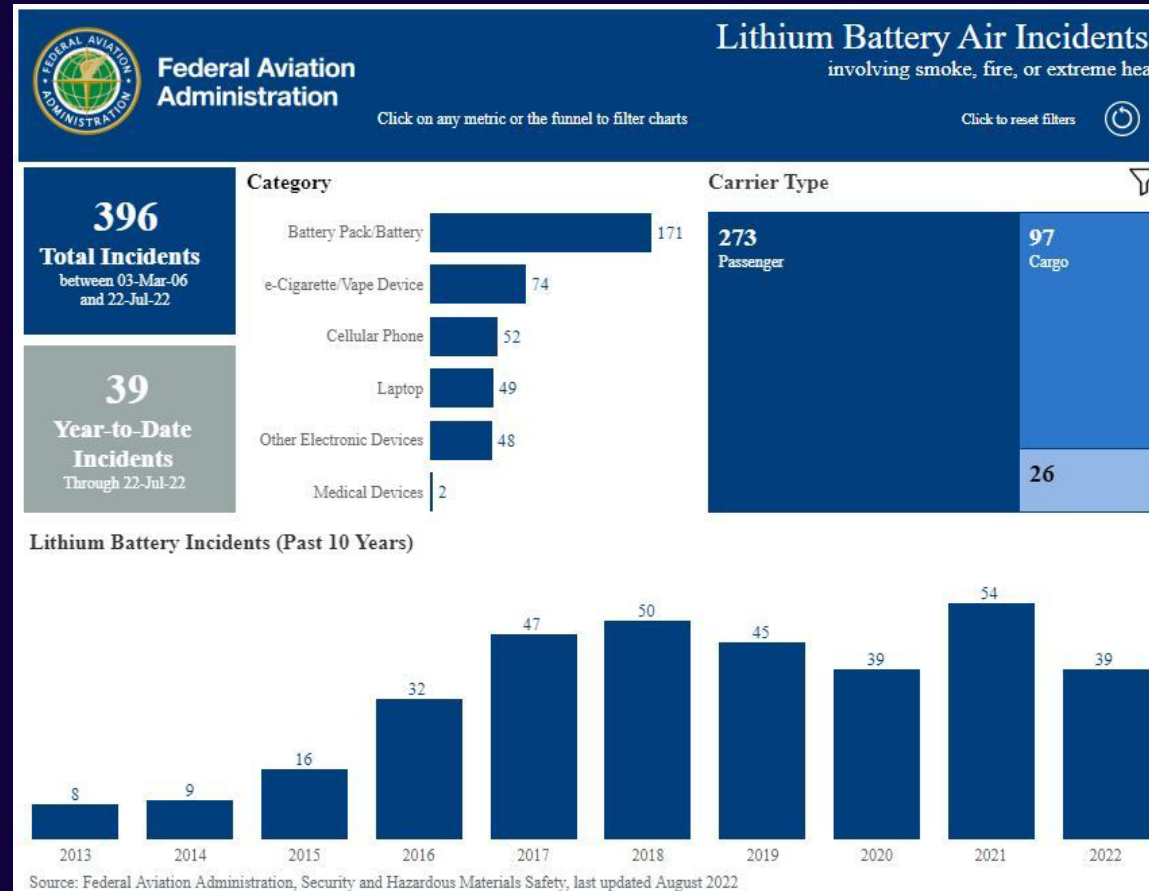


Engage with passengers, shippers and operators.



Safety Promotion & New Products:

Interactive Lithium Battery Air Incident Chart



Safety Promotion & New Products: Alaska Resource Page

Alaska Dangerous Goods Resources




Aviation and Dangerous Goods are essential to life in Alaska, with 82 percent of the Communities in Alaska accessible only by air. For example, Ted Stevens Anchorage International Airport is #2 in the United States for the landed cargo weight and #5 in the world for cargo throughput. Much of the cargo into Alaska includes everyday consumer products that are Dangerous Goods that the residents of Alaska rely on to conduct life in this unique environment. Alaska's terrain and infrastructure pose unique challenges to both the transportation of people and cargo. The FAA is committed to improving aviation transportation accessibility to all communities, while reducing the risk of carrying Dangerous Goods by air. The FAA Alaska Dangerous Goods page is designed to help provide all members of the Alaska aviation community with the information they need to help protect the people and aircraft they depend upon.



OperateSafe: Operating flights in, to, or from Alaska?

- [Fact Sheet: Transporting Fuel by Air in Alaska or Remote Areas](#)
- [Special Permits](#)
 - [Application Process](#)
- [On-Demand / Charter Operations](#)
- [Dangerous Goods Operations Manual](#)
- [UAS / Drone](#)
- [Resources for Air Carriers](#)
- [Find an Alaskan FSDO](#)
- [Alaska Air Carriers Association](#) 

SafeCargo: Shipping Dangerous Goods to or from Alaska?

- [Resources for Shippers](#)
- ["Alaska Airlines" Airport Cargo Facilities](#) 
- [Shipping Dangerous Goods](#)
 - [Packaging your Dangerous Goods](#)
 - [Marking & Labelling Your Shipment](#)
 - [Training for Shippers](#)
- [PHMSA Guide to Performance Packaging Codes](#)
- [IATA Dangerous Goods Checklist](#) 
- [Alaska Air Cargo](#)
- [Shipping Humans Remains](#) 
- DOT [Safety Advisory Notice for the Transportation of Lithium Batteries for Disposal or Recycling](#)

PackSafe: Packing for a flight in, to, or from Alaska?

- [PackSafe Chart](#)
- [Resources for Passengers](#)
- [Travelling with Camping Fuels](#)
- [Alaska Airport Passenger Facilities](#) 
- [Checking or carrying on your UAS / Drone](#)
- [Damaged or recalled batteries and battery-powered devices](#)



FAA - USPS Collaboration

Driven by:

- Growth of e-commerce
- Shared problem of undeclared Dangerous Goods
- Mixed transportation system – last mile delivery by USPS
- International regulatory interaction
- Certificate Holders





FAA - USPS Collaboration

Collaboration Efforts

- Dangerous Goods Outreach Efforts
- Investigative Collaboration
- Incident Reporting and Data Sharing
- ICAO-Universal Postal Union (UPU) Contact Committee
- Consultation on Proposed Revisions to USPS Publication 52 (Hazardous, Restricted, and Perishable Mail)

Discussion



Stay Connected

- ✈ Questions, feedback, requests for stakeholder collaboration?
- ✈ Email FAA's Office of Hazardous Materials Safety: hazmatinfo@faa.gov for questions or to be placed on AXH's Monthly Hazmat Highlights Newsletter.

