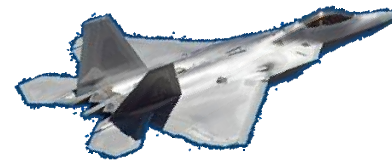


# ***DoD Policy Board on Federal Aviation***

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*Office of the Secretary of Defense - Joint Chiefs of Staff - USNORTHCOM - Army - Navy - Marine Corps - Air Force*

## ***User Challenges***



***ICNS Conference 2008***

***Guy St.Sauveur***





# Outline

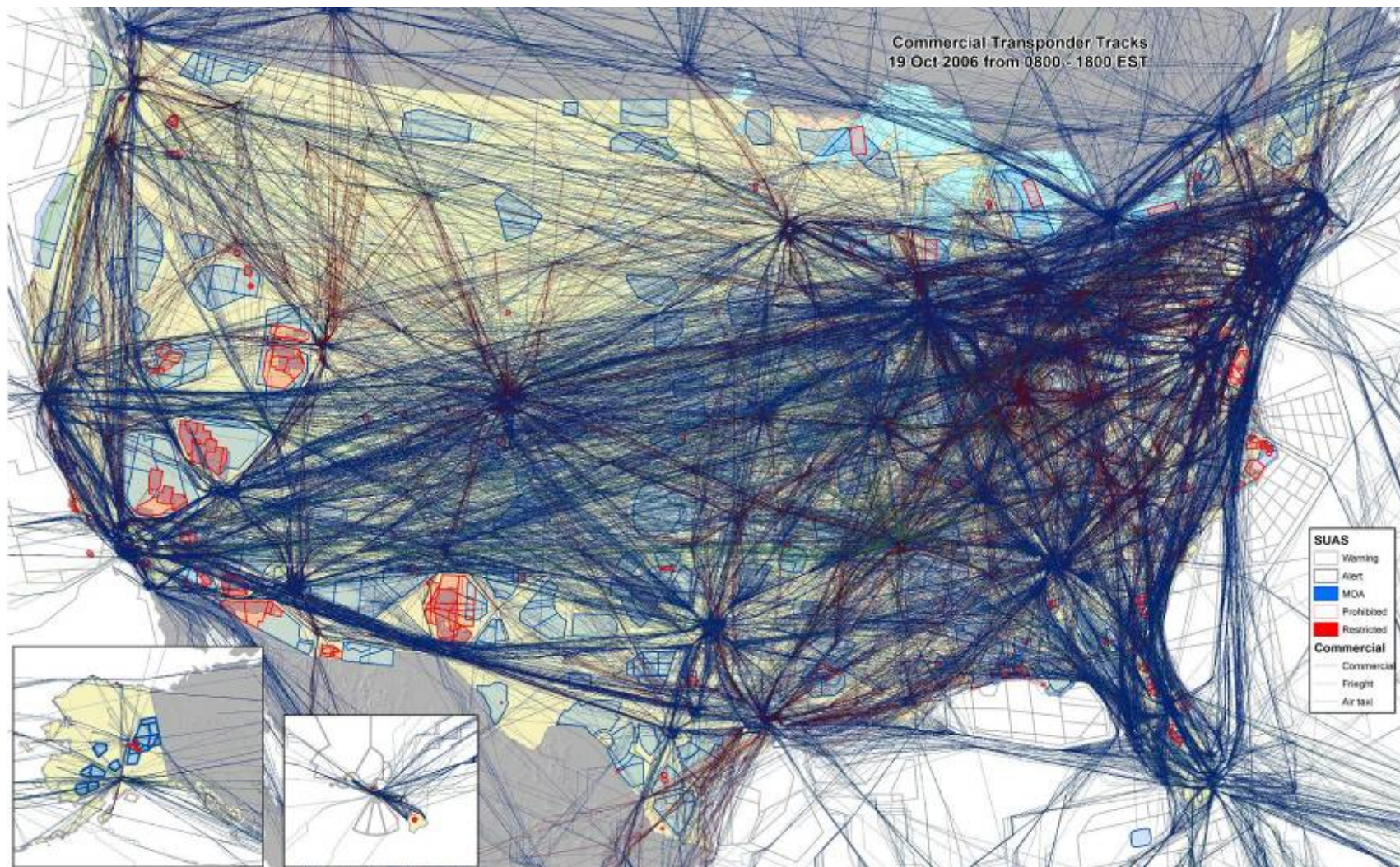
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- **Environment**
- **Roles**
- **Requirements/Needs**
- **Way Ahead**



# Current Environment

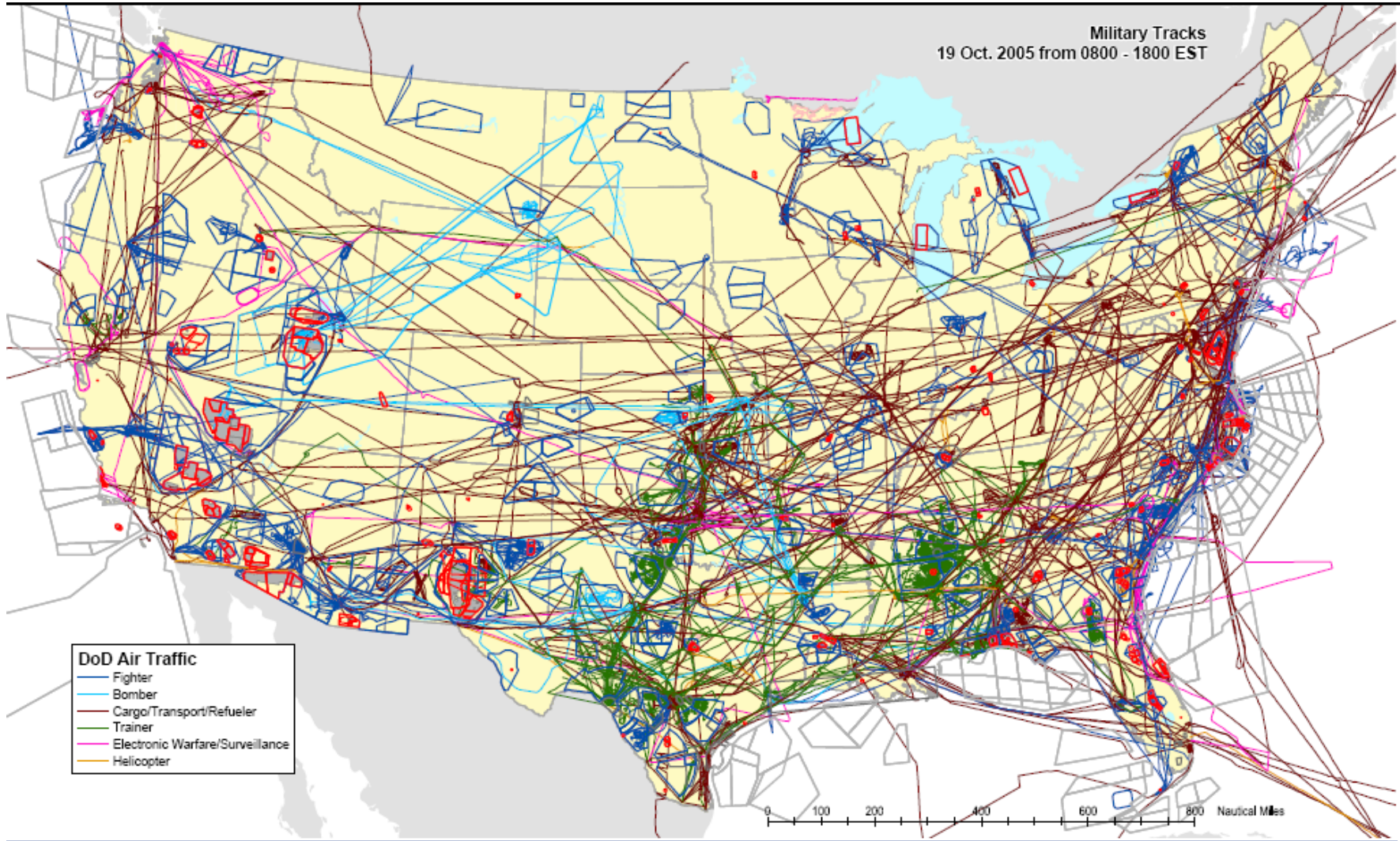
## U.S. Commercial Flights





# Current Environment

## U.S. Military Flights

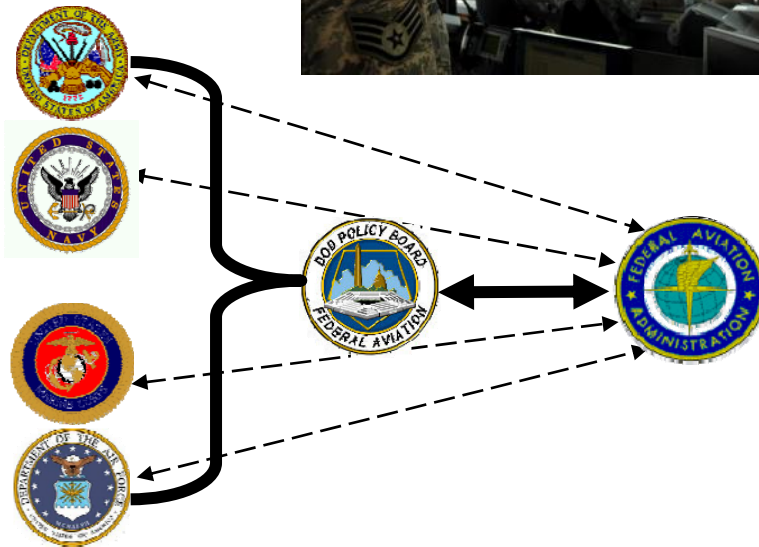




# DoD NAS Roles & Organization



- DoD is a user of NAS and a service provider to all users
- DoD, FAA coordination occurs at all levels
- DoD Policy Board on Federal Aviation (PBFA)
  - Established by DOD Directive 5030.19
  - DoD conduit for policy issues
- Individual Services work issues pertaining to them directly with FAA

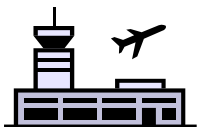




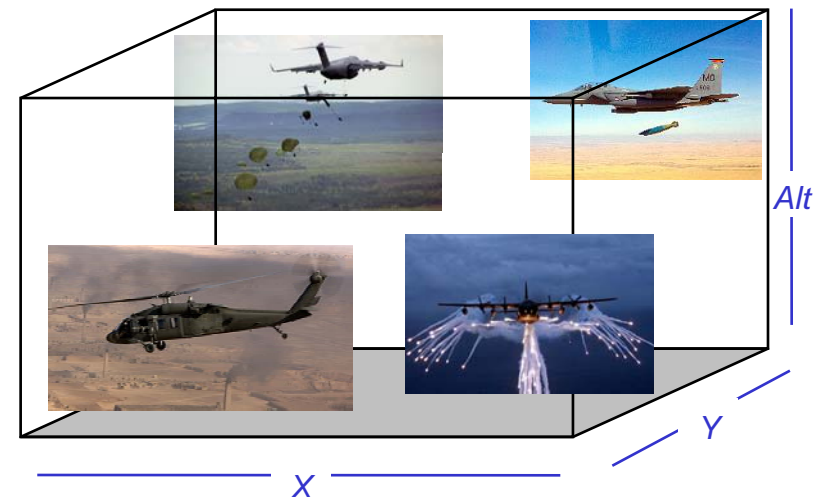
# Operational Requirements

## Key to efficient and effective integration

- **Volume** – How **much** airspace does a particular mission need
- **Proximity** – How **close** the airspace needs to be to a base
- **Time** – The amount of **time** needed for a mission. Total needs linked to force structure
- **Attributes** – Characteristics of the area needed for a mission, i.e.
  - threats,
  - bombing range, drop zones,
  - over water, lights out capable, etc.



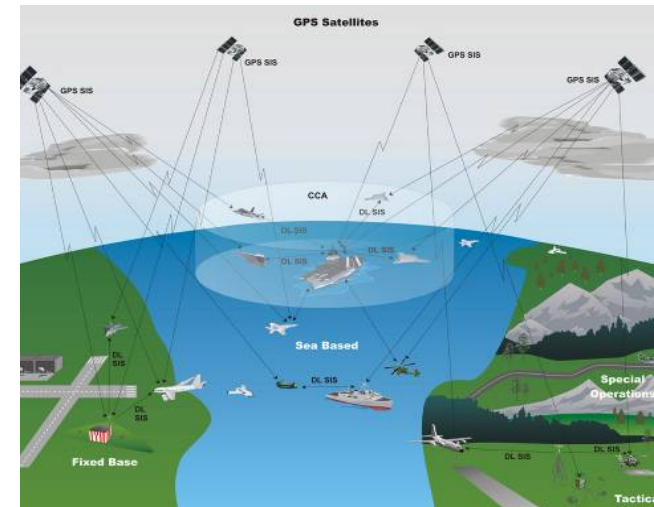
———— proximity ————





# Military Needs

- Create a modernized suite of ATM systems that correspond to the performance capabilities of future civil and military air and space systems (including a space based landing systems)
- Global harmonization is a must for standards, equipment and procedures



- **Industry Challenge – ATM and military business areas work together to:**
  - Leverage data-link, GPS/INS, and sensor R&D
  - Leverage network-centric command and control R&D
  - Leverage weather research and forecasting R&D





# Way Ahead

- Next generation systems are about **accommodating changing needs of all users** in safe, secure, efficient, and globally harmonized airspace
- **Leveraging our common goals** will speed the development of a more efficient and responsive global aviation transportation system
- Encourage civil and military **dialogue on a global basis**





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**"An unconventional era of warfare require unconventional thinkers."**

***Defense Secretary Robert M. Gates  
Air War College Maxwell AFB, Ala.  
April 21, 2008***