

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

---

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

## **Unmanned/Remotely Piloted Ops**



**Steven Pennington**  
**AF/A3O-J/DoD Policy Board on Fed**  
**Aviation/Exec Director**  
**28 Oct 2015**

---



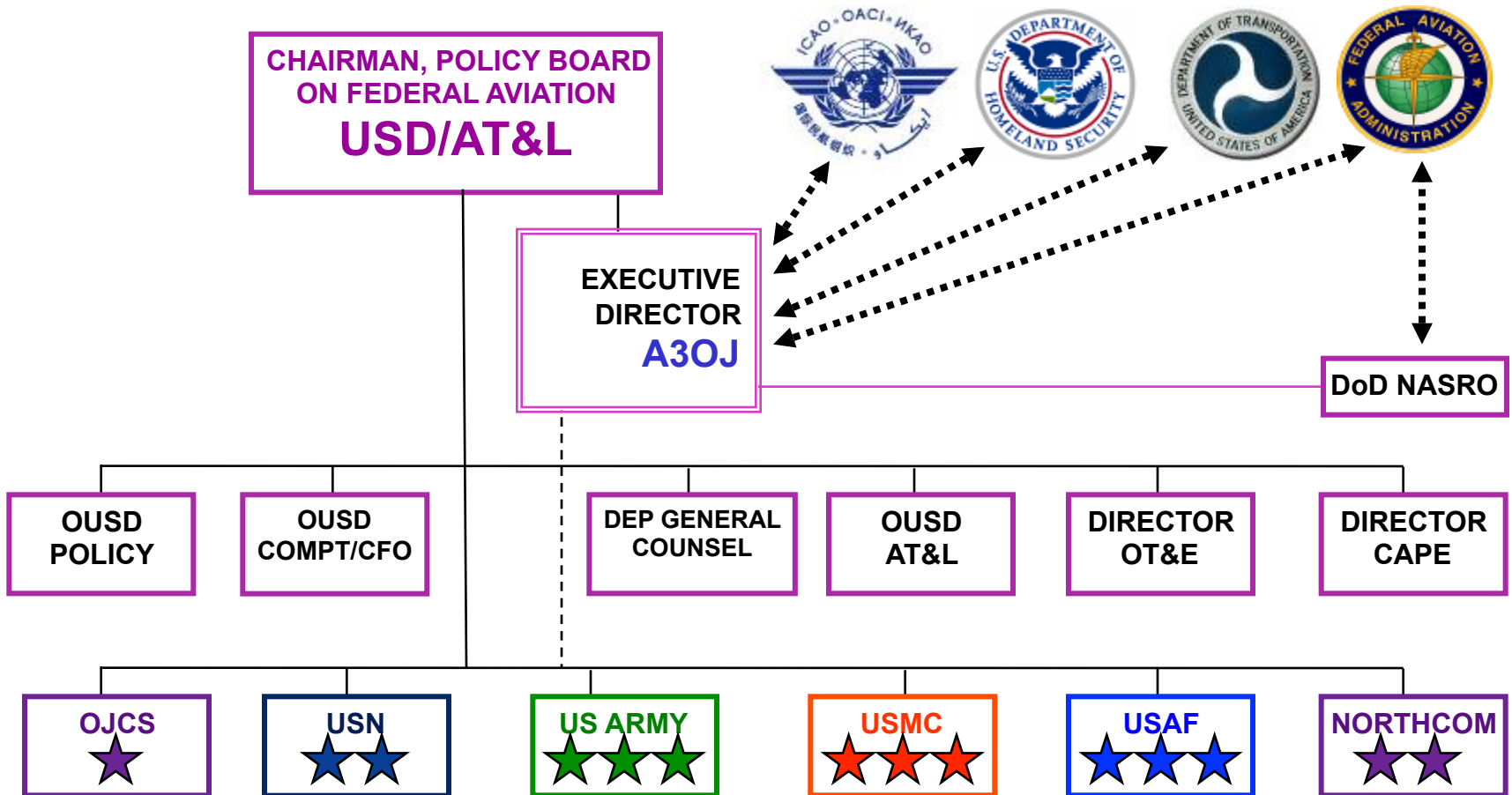
# *Discussion Themes*

---

- **Greater Automation and Autonomy**
- **C2 links and Airspace**
- **Airworthiness and Pilot regulation**
- **Info Assurance and Security for C2 links**
- **Partnerships: Govt, Industry, Academia**

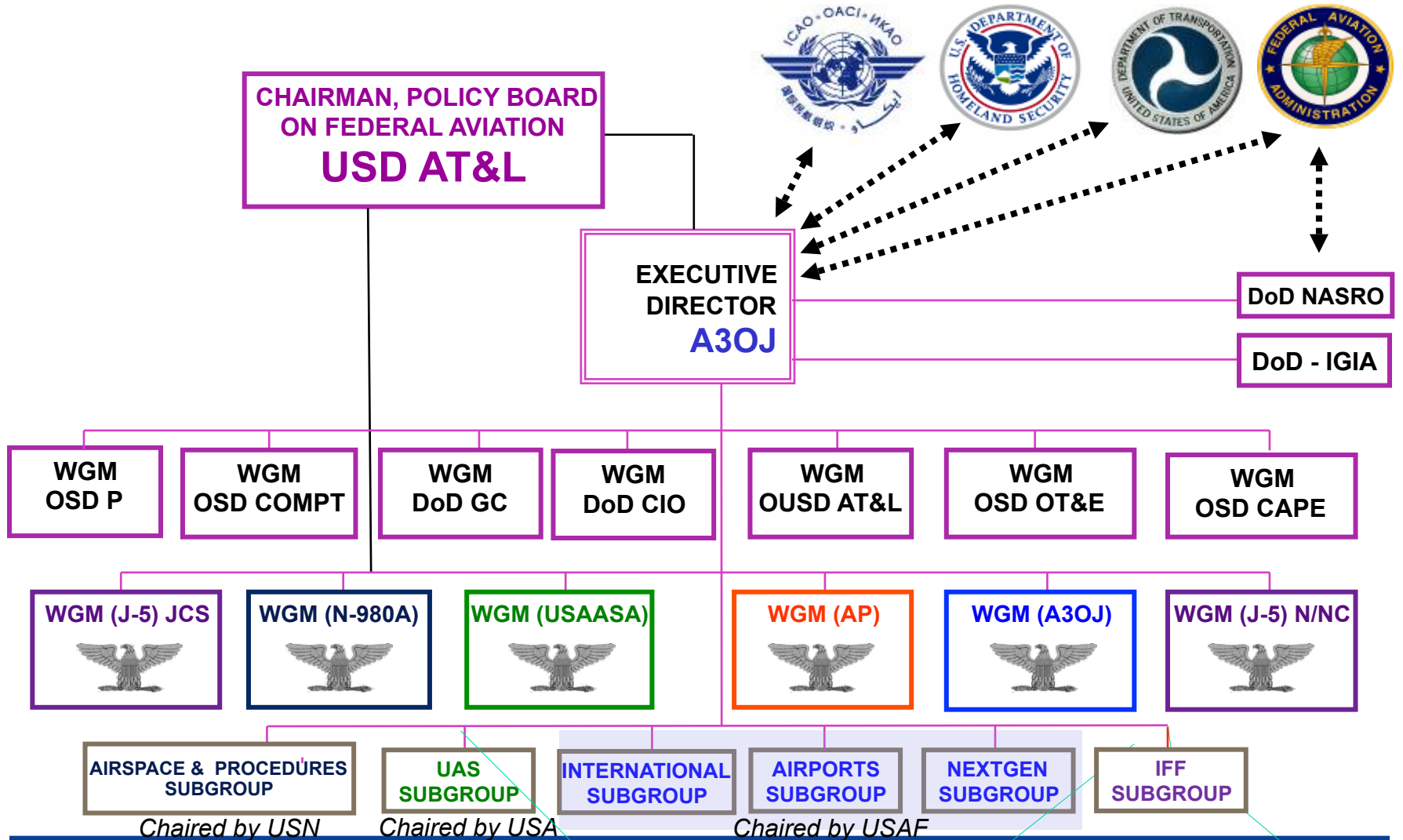


# DoD Policy Board on Federal Aviation (PBFA) Executive Structure





# Current PBFA WG Structure





# *Discussion Themes*

---

- **Greater Automation and Autonomy**
- **C2 links and Airspace**
- **Airworthiness and Pilot regulation**
- **Info Assurance and Security for C2 links**
- **Partnerships: Govt, Industry, Academia**

**What Law, Policy, R+D, Material, and Non-Material Changes are required**



# ***DoD Equity across the NAS***

- **DoD impacted by FAA NAS modernization across aircraft, airport and ATC systems...over 15,000 aircraft**
  - **Priorities are communicated thru numerous means...PBFA, LSO, FACA, ARC, NG Exec Board, Exec Comm**
  - **FAA modernization adds to combat requirements driving up aircraft costs over commercial costs**
  
- **Unique National Defense NAS procedures, programs and policy**
  - **Rely on some FAA capabilities to provide National Defense...integrated surveillance, ATCSCC**
  - **Coordination between FAA/DoD on NAS defense missions...ESCAT, NOBLE EAGLE, VIP/SAAM**
  - **Numerous Joint Orders, COAs, MOAs/MOUs, LOAs at National, Regional and Local level**
  
- **DoD provides 20% Air Navigation Service Provider (ANSP) capability to all users of the NAS...GPS, radars, NAVAIDS, ATC controllers...DoD ANSP capability also provides readiness training for ATC combat mission**
  
- **DoD requires access to NAS and airspace (Military Operating Areas, Warning Areas, Restricted Areas, ...) to train our warfighters, test new concepts and defend the Nation...manage 16% of NAS airspace, large force exer, UAS**
  
- **FAA together with DoD coordinate/represent USG positions at ICAO and international engagements**
  
- **FAA/DoD high priorities set thru Executive Orders, NDAA, FAA Reauth & Reform Act,...**
  
- **Need to fully understand DoD and FAA links to continue National Defense priorities that currently exist**
  
- **Governance requires DoD representation to help understand defense perspective**
  
- **Requires USAF, USN, USA and OSD representation on Board of Directors**