

FAA National Airspace System Weather Office

JPDO Weather IPT

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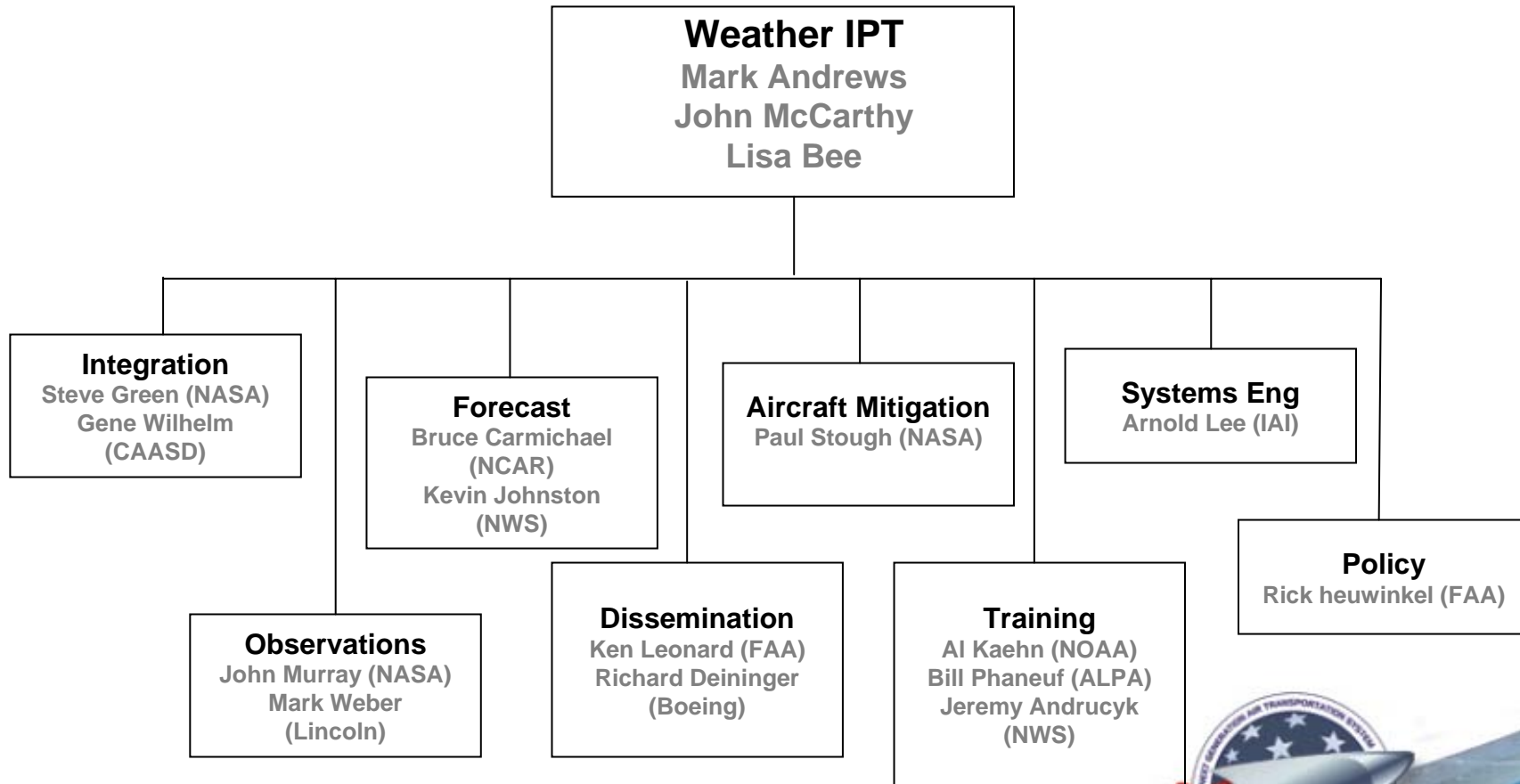
September 12, 2005

Lisa.bee@faa.gov

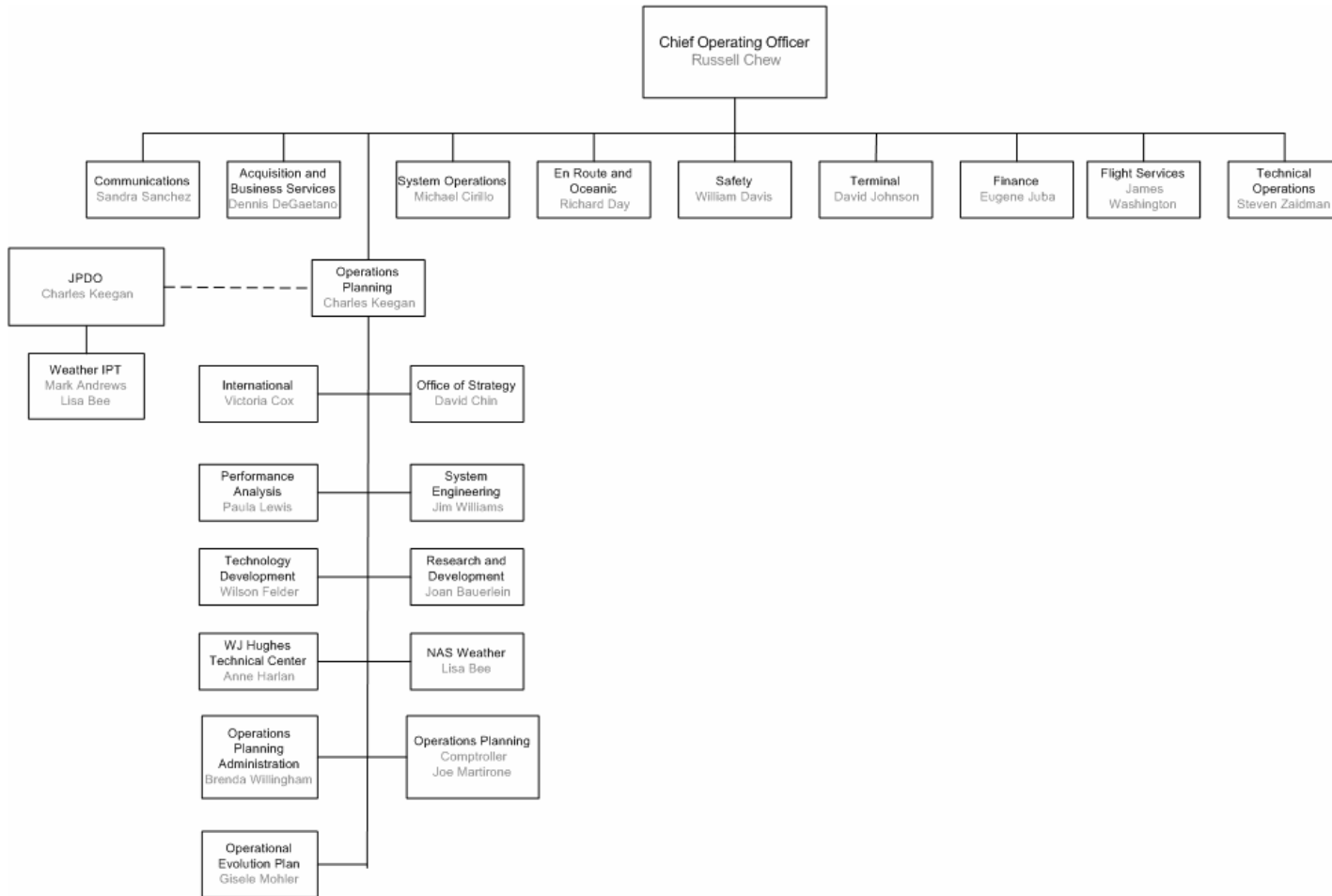
(202) 385-7697



Weather IPT Structure



Air Traffic Organization



Weather Program Challenges

Institutional Change

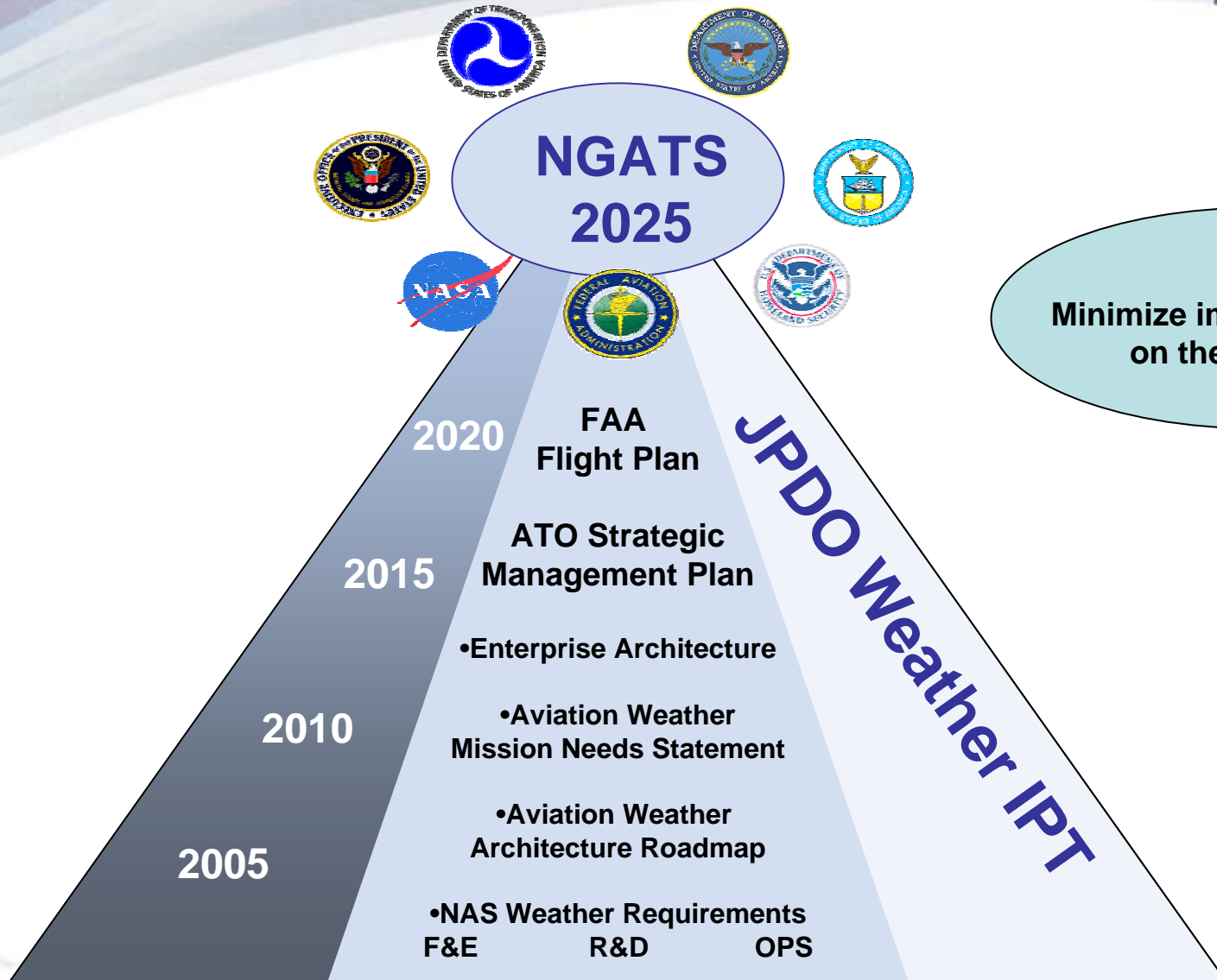
- Joint Planning and Development Organization (September 2003)
- FAA Air Traffic Organization (February 2004)

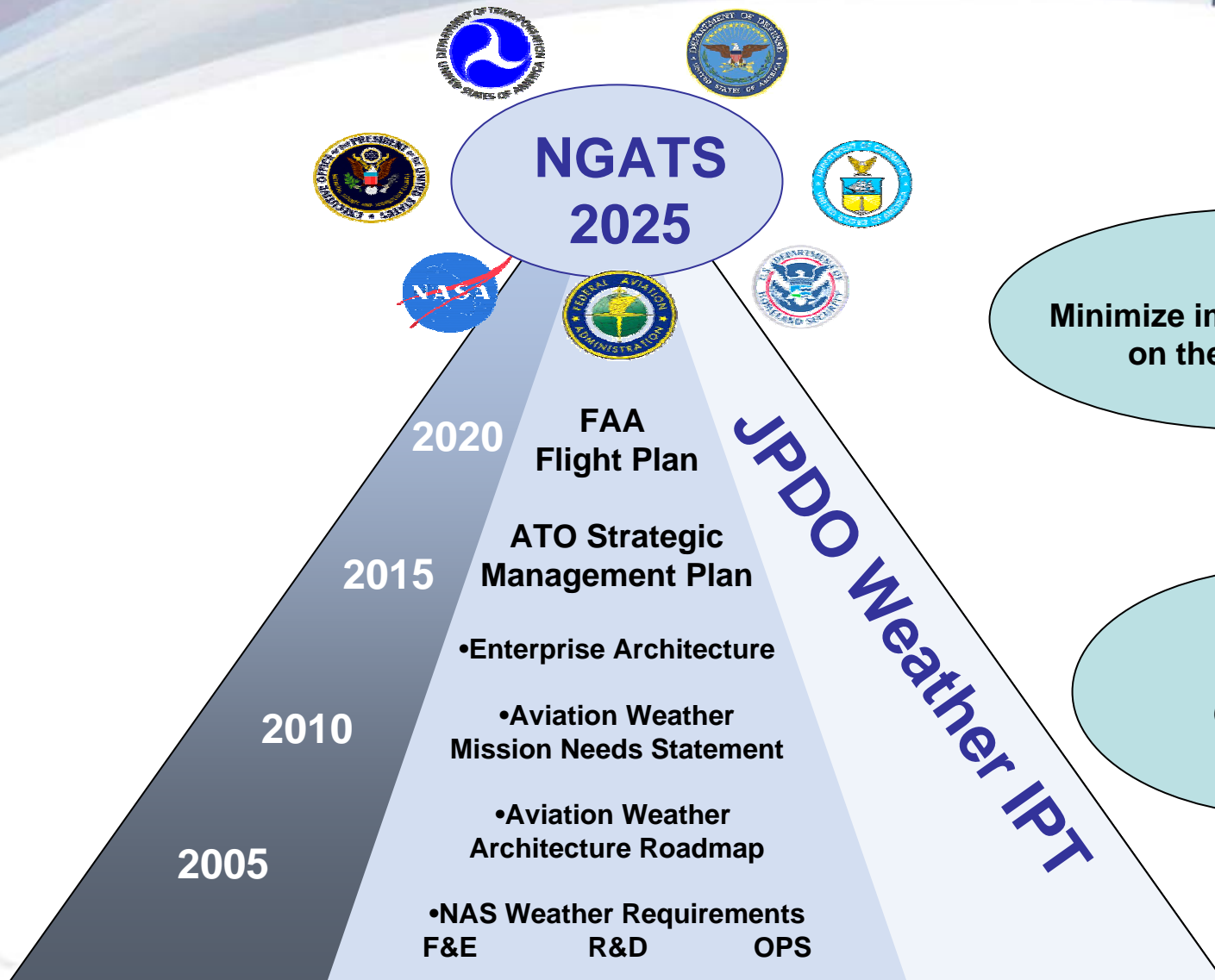
1995 NRC Report, Activity Value Analysis, Interviews

- **FAA Weather Program is fragmented**
 - Lacks central coordination and prioritization
 - Too many systems with similar capabilities
- **Wx R&D:**
 - Implementation too slow
 - Not aligned with operational priorities
 - External User Input inadequate
- **NAS-Wide Weather Requirements**
 - No NAS-Wide set of weather requirements
 - No NAS-Wide requirement priorities established
 - No formal assignment of requirements to NWS
 - R&D not driven by operational requirements







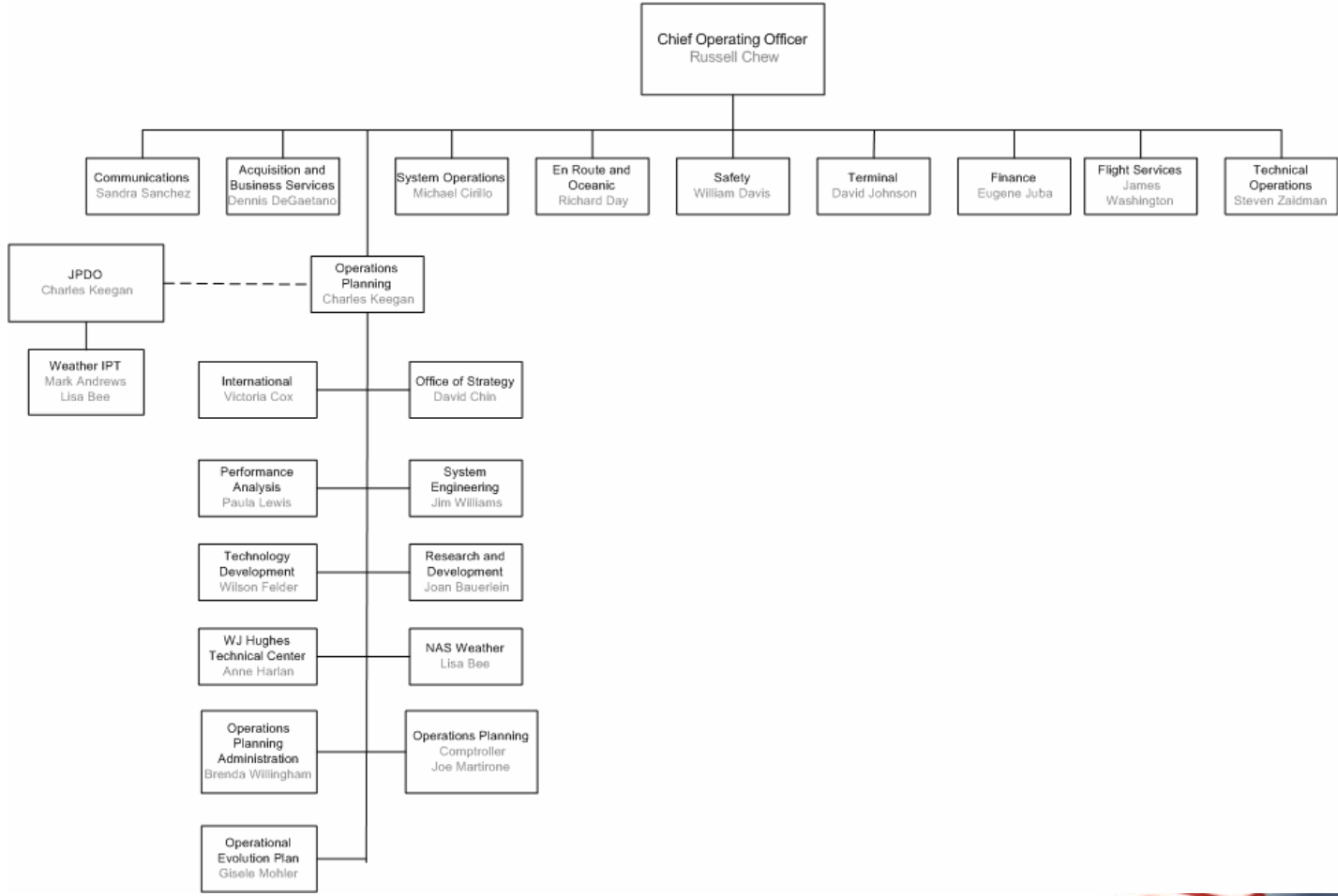


Minimize impact of weather on the operations

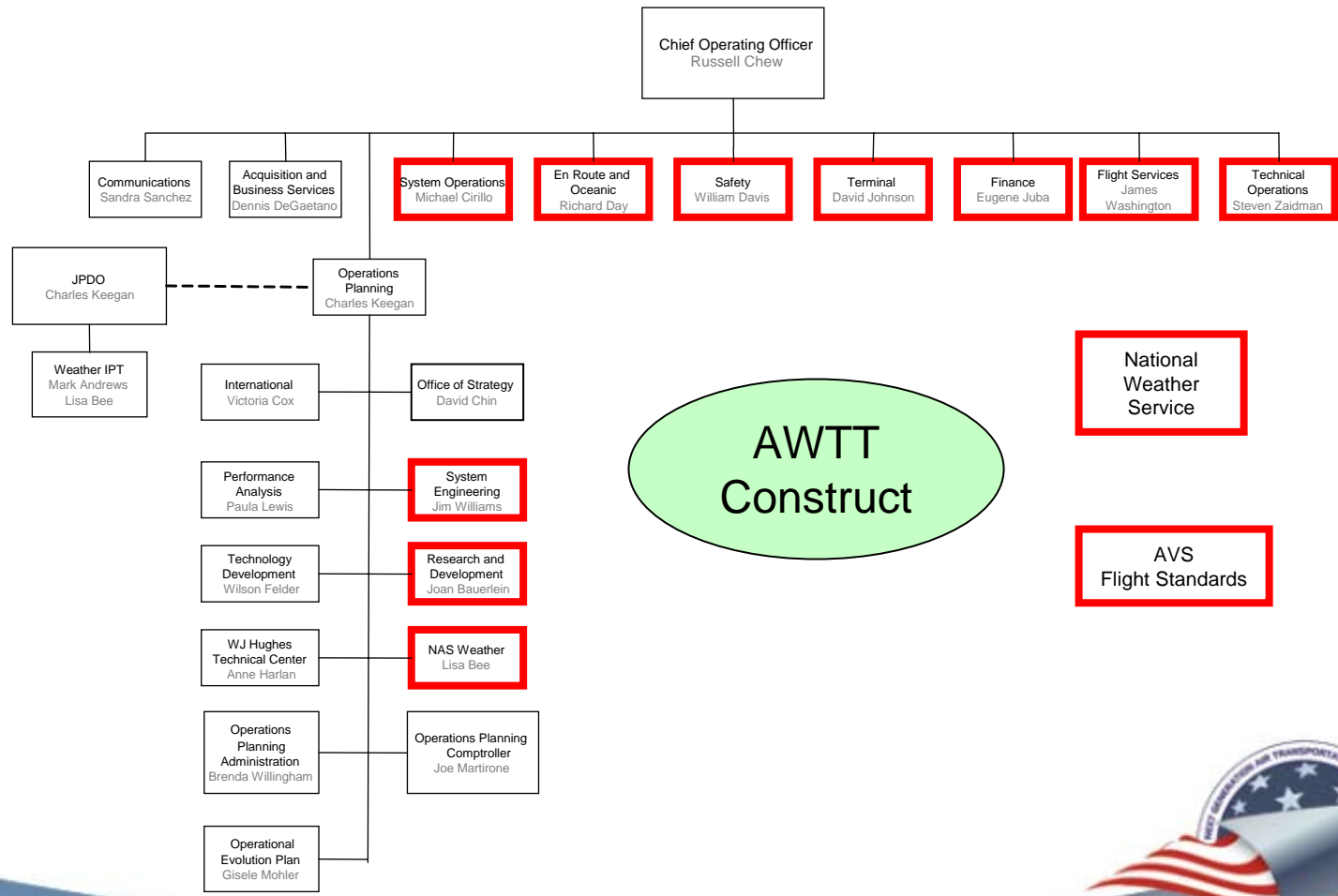
Forecast Concept Capabilities Systems



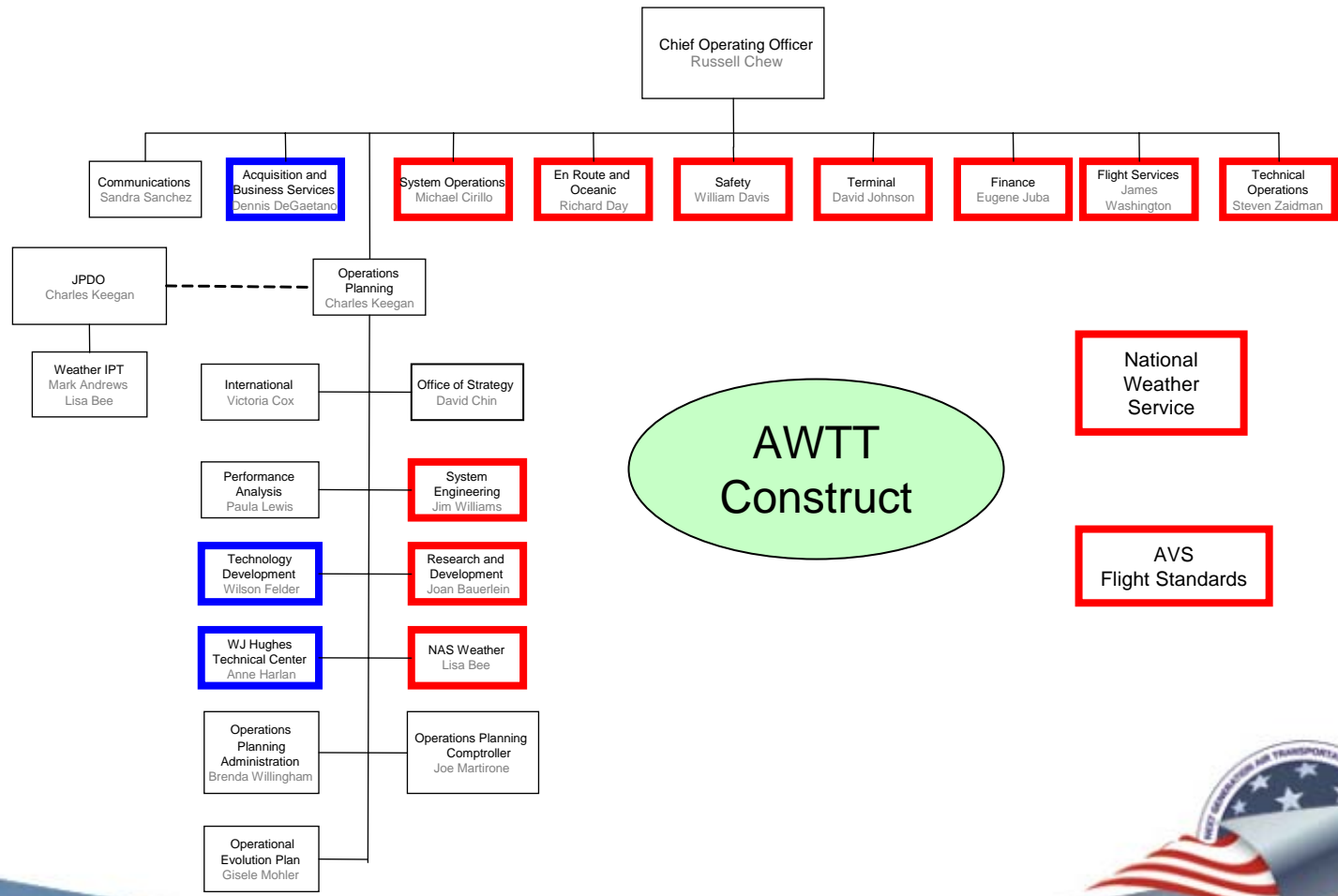
Weather Planning



Weather Planning



Weather Planning



Future Challenges

- Anticipating and Responding to a Changing NAS
 - Operational Environment
 - Economics
 - Politics
- Fiscal Constraints
- Shifting Culture and Policy
 - Within and Between Agencies, Operators, Airspace Users

