

# Organization Overview / Changes, Production Oversight, Regulations Affecting Production



Federal Aviation  
Administration



**Presented to:** Global Manufacturing Meeting Authorities

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# External Factors Challenging the Aviation System

- **Industry Growth**

- Industry expands and contracts rapidly which can present challenges, creating the need for enhanced agility.

- **Globalization of Aviation**

- Industry is made up of complex business arrangements, and an International web of networks expanding our need for International collaboration.

- **Heightened Expectations**

- Industry, the public, and government continue to increase expectations of us in order that we become more efficient and agile.

- **Velocity of Change**

- As Industry's technology changes, our volume and complexity of Standard's should be equally adaptable.



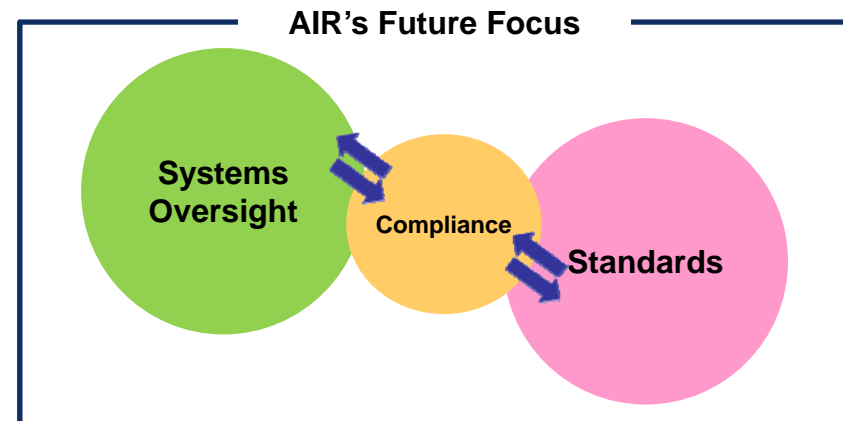
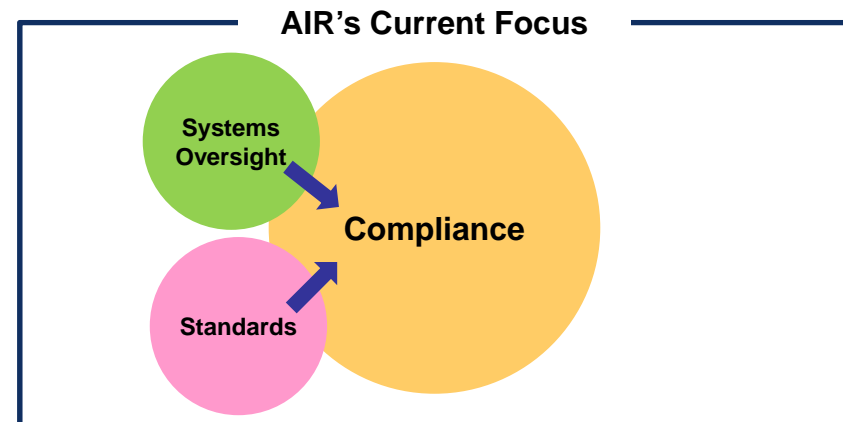
# AIR Transformation Overview

- **Refresh Certification Strategy**
  - Ensure appropriate standards support, risk-based systems oversight, and minimize our involvement in the critical path.
- **Management Systems which improve performance**
  - Measuring performance with goals and targets, improving governance and operating normalcy, and investing in new tools and infrastructure.
- **Improving the organization and investing in people**
  - Adapting the organization to the certification strategy, investing in our people and build their skills to empower the workforce of the future.
- **Change Management**
  - Help organizational transformation by creating clear communication channels with our people.
- **Industry Commitment**
  - Embrace systems safety with a compliance culture, engaging early on innovation, and work together on performance management.



# Improve our Organization: Functional Realignment

- Improve consistency and standardization
- Move from a transactional model to a systems approach
- Shifting focus with our resources
- Encourage innovation with early engagement on new products and capabilities
- Risk-based monitoring promotes focus on safety outcomes and system reliance
- Focus on organizational performance which empowers the workforce
- Provides agility and adaptability

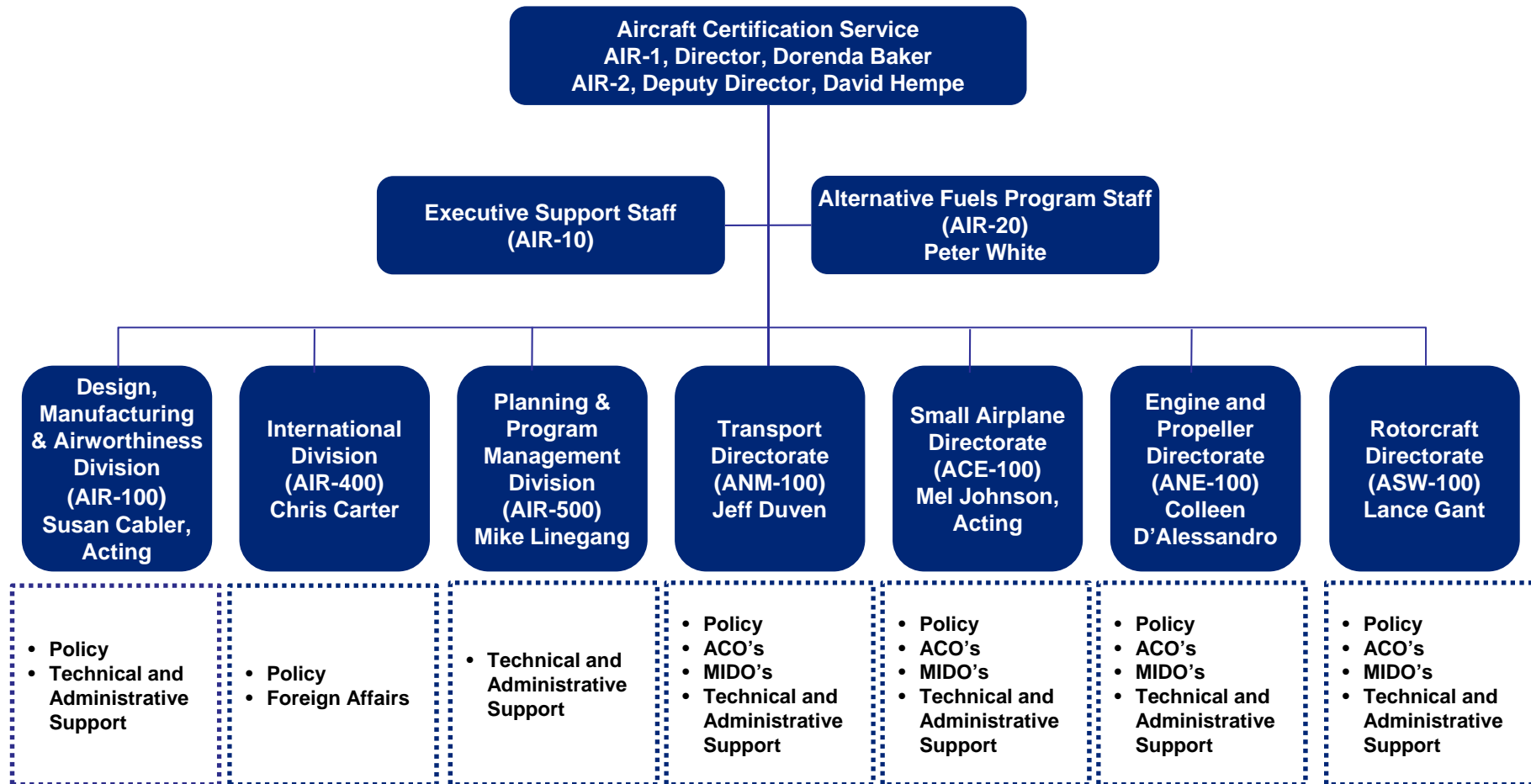


## Next Steps for Implementation

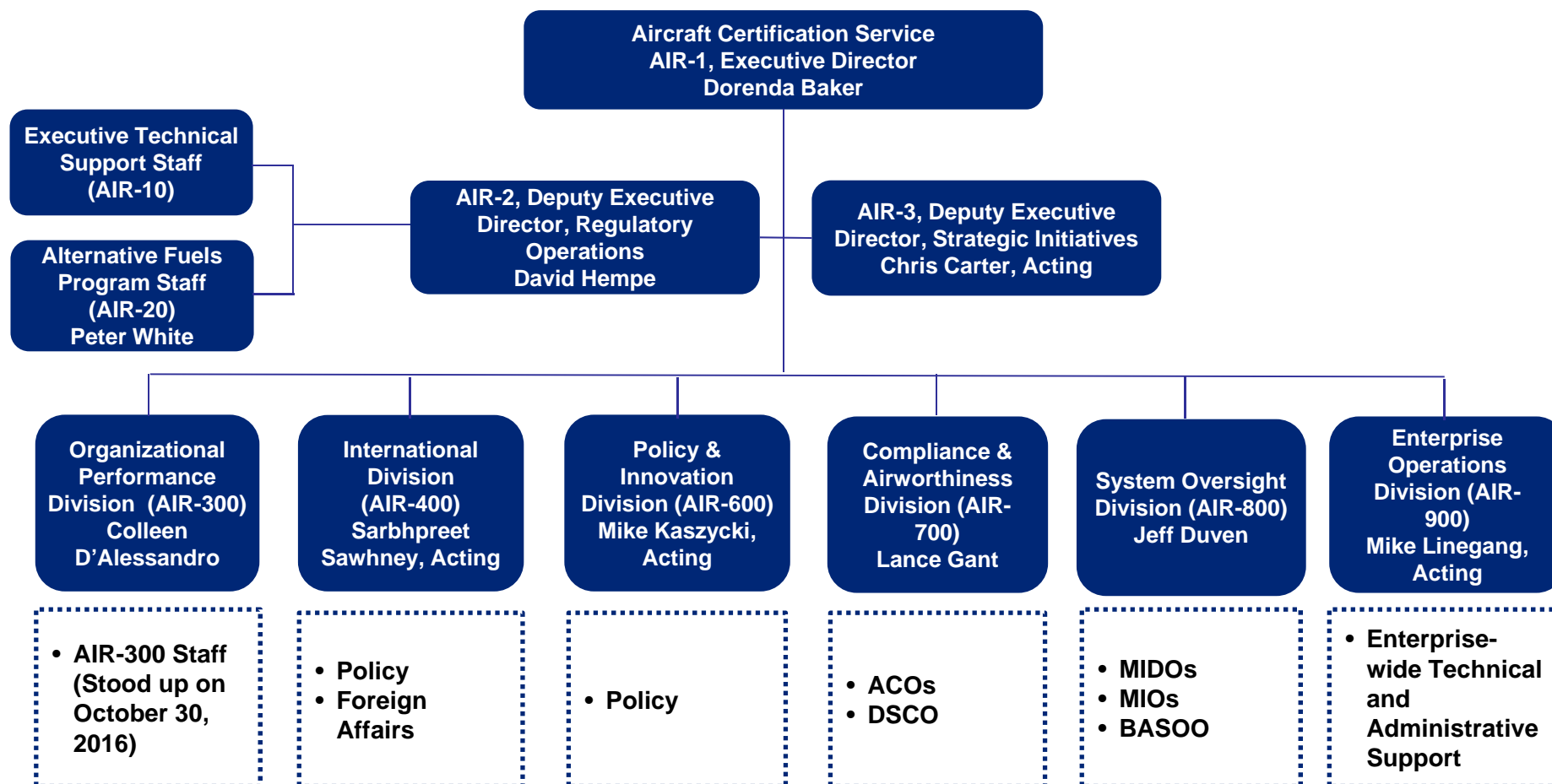
- **AIR Realigned July 23, 2017 to institutionalize the process improvements that were in progress. We are now in the early stages of Refinement.**
- **Realignment moved AIR's existing local offices (ACOs, MIDOs, etc.) to align with AIR's functional divisions.**
- **AIR's existing industry points-of-contact will be initially retained after realignment to ensure seamless relationship management and to facilitate contact with the appropriate AIR employee.**
- **AIR will continue to brief industry on implementation status and to solicit feedback.**
- **As an outcome of realignment, AIR's Directorate structure ceased to exist.**



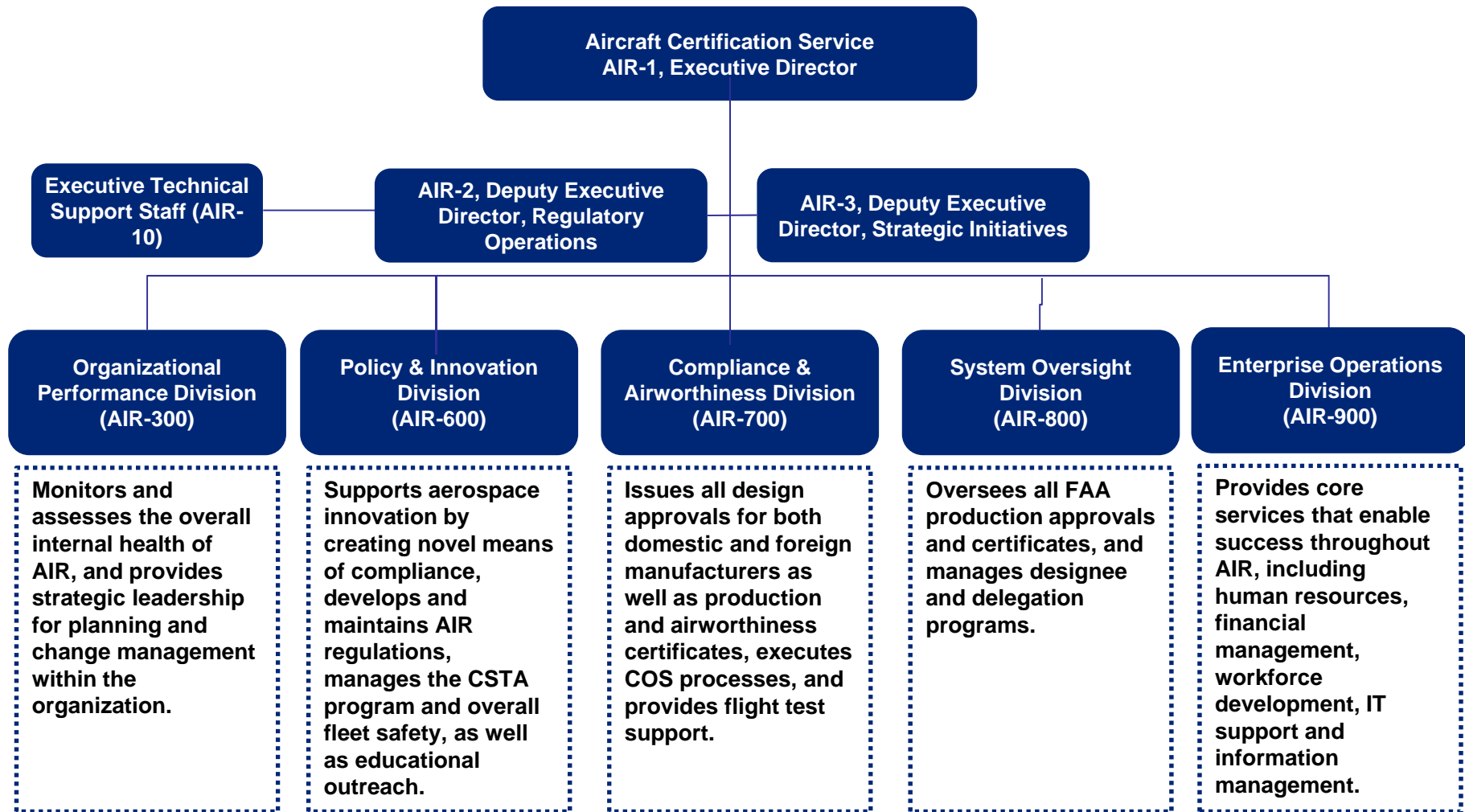
# AIR Before the Organizational Change



# Improve Organization: After Realignment (July 23, 2017)



# Functional Division End State





# Global Activity Highlights

- **Revision 6 of the Technical Implementation Procedures (TIP) signed September 22, 2017 between EASA and the FAA. Becomes effective March 22, 2018.**
- **FAA signed new Implementation Procedures for Airworthiness (IPA) with China (CAAC) effective October 17, 2017.**
- **FAA and TCCA revised the IPA with Revision 2 signed November 10, 2016.**
- **FAA is working with Brazil (ANAC) to revise the IPA. Plan for completion is in early 2018.**
- **FAA/DGAC Meeting in Mexico September 2017 to discuss expansion of the successful oversight partnership and future expansion of the Special Arrangement.**



# FAA and Regulatory Highlights

- **Part 23 rewrite and issuance in December, 2016**
- **Amending Part 21 to include Safety Management System (SMS) and other needed revisions**
- **UAS Permit to Fly, when not based upon a TC or Small Unmanned Aircraft Regulations (Part 107), are in the early stages of development. Increased Drone usage is fully expected within the NAS and supported by recent legislation.**



# Questions?



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