



# AIR Transformation



Federal Aviation  
Administration



**Presented to:** Industry

**By:** Aircraft Certification Service (AIR)

**Date:** August 2018

# Drivers for Change

	Description	Implications
<b>Industry growth</b> 	<ul style="list-style-type: none"><li>Industry expands and contracts much faster than the FAA in its current structure can manage</li></ul>	 Stress on traditional AIR structure and processes creating a need for agility
<b>Globalization of aviation</b> 	<ul style="list-style-type: none"><li>Industry is made up of an international web of networks and complex business arrangements that are challenging our traditional regulatory model</li></ul>	 Need for international collaboration
<b>Heightened expectations</b> 	<ul style="list-style-type: none"><li>The public, industry and government entities continue to increase their expectations of us to do things faster and without error</li></ul>	 Pressure on AIR to become efficient and agile
<b>Velocity of change</b> 	<ul style="list-style-type: none"><li>Technological advances and business model changes are precipitating higher rates of change and increasing the need for organizational agility and adaptability as our environment changes</li></ul>	 Complexity and volume of standards needs





# AIR Transformation

Improving Efficiency and Effectiveness

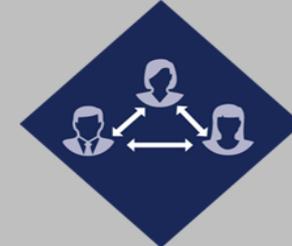
## AIR Transformation



**Refresh  
certification  
strategy**



**Invest in  
management  
systems to improve  
performance**



**Improve the  
Organization &  
Invest in our  
People**

**Embrace Change Management**

**Secure Industry Commitment**

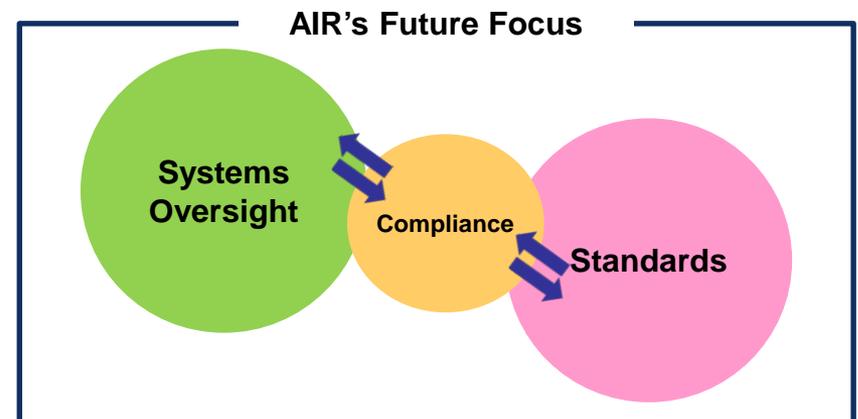
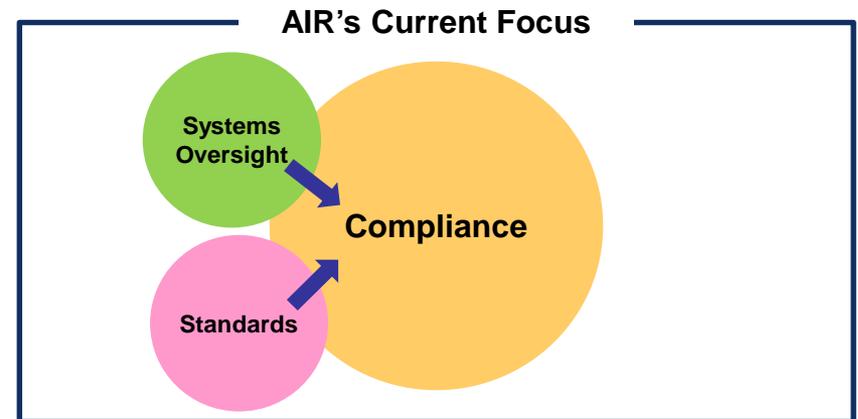
Additional information can be found on the AIR Transformation website: [www.faa.gov/go/AIRTransformation](http://www.faa.gov/go/AIRTransformation).



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# Benefits of AIR Transformation

- Encourages early industry engagement and risk-based system surveillance to **eliminate barriers** from unnecessary FAA involvement during certification
- Improves **consistency and standardization** by establishing single functional lines for 1) certification, 2) standards and 3) system oversight
- Fosters **innovation** by engaging industry applicants early to understand new concepts and ensure viable path to compliance
- Provides **agility and adaptability** to meet the challenges of the dynamic global aviation industry
- Establishes business practices for utilizing **metrics for determining efficacy** of Industry/FAA associated with compliance/safety and time to market

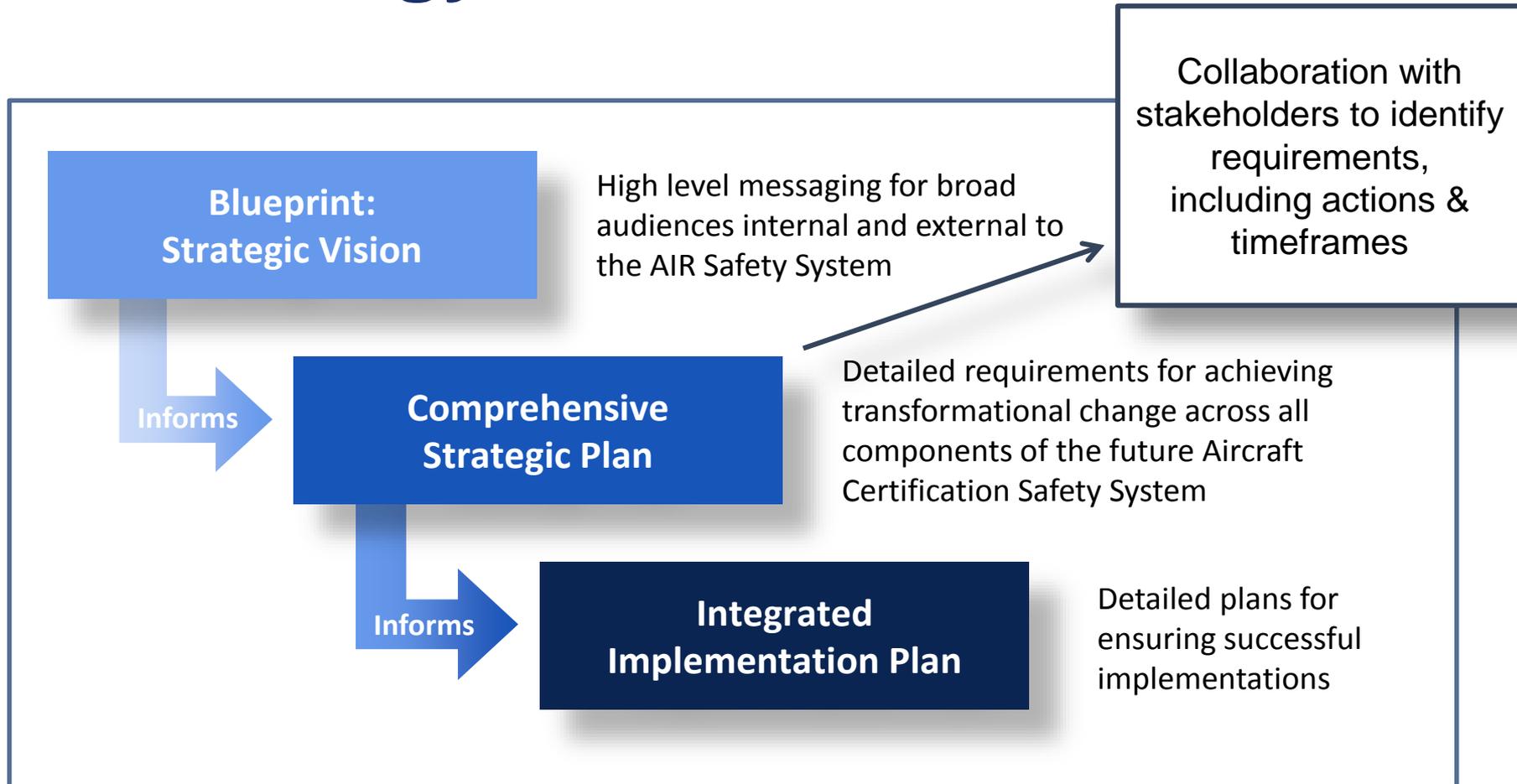


# AIR Transformation Timeline

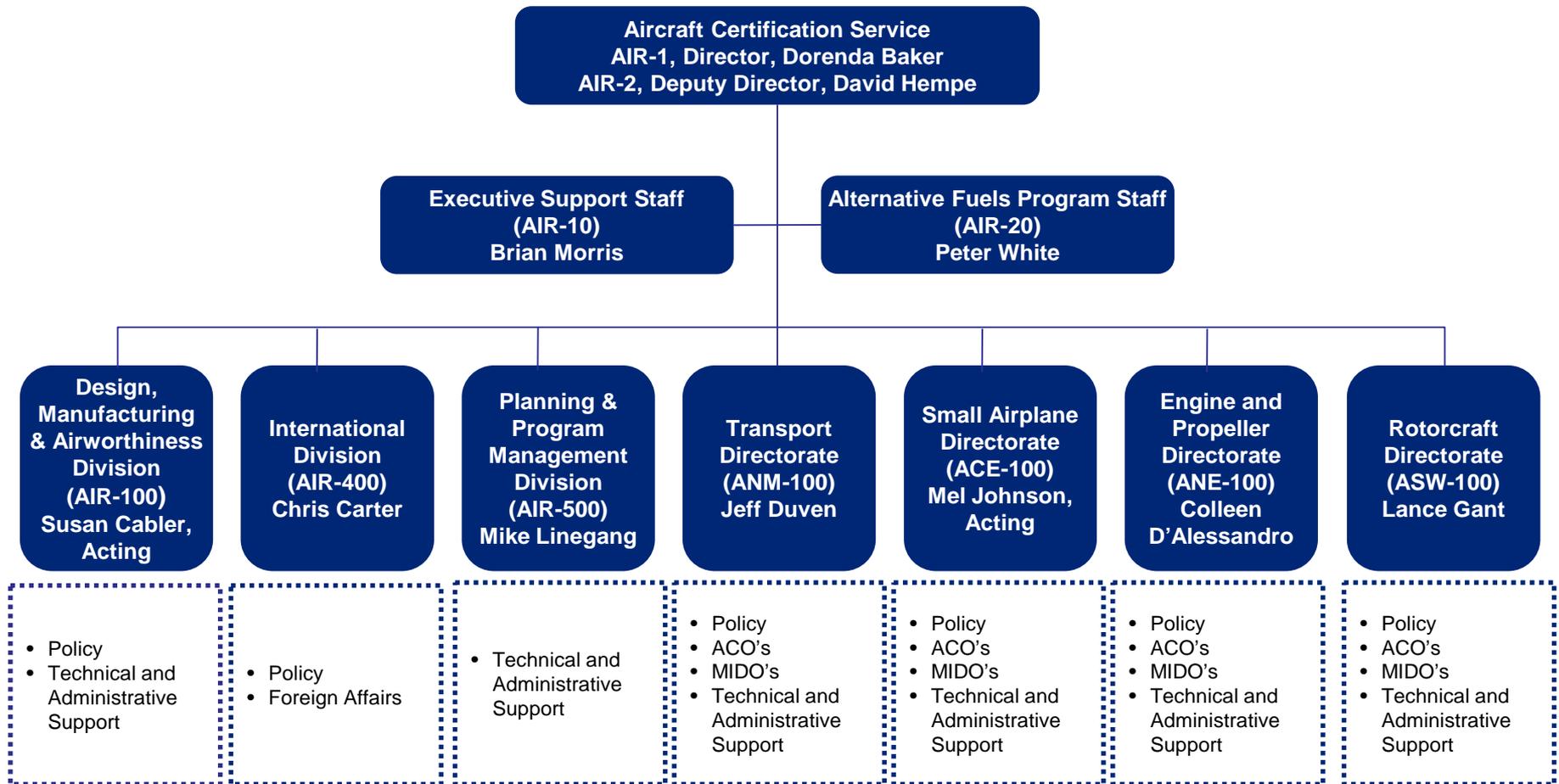




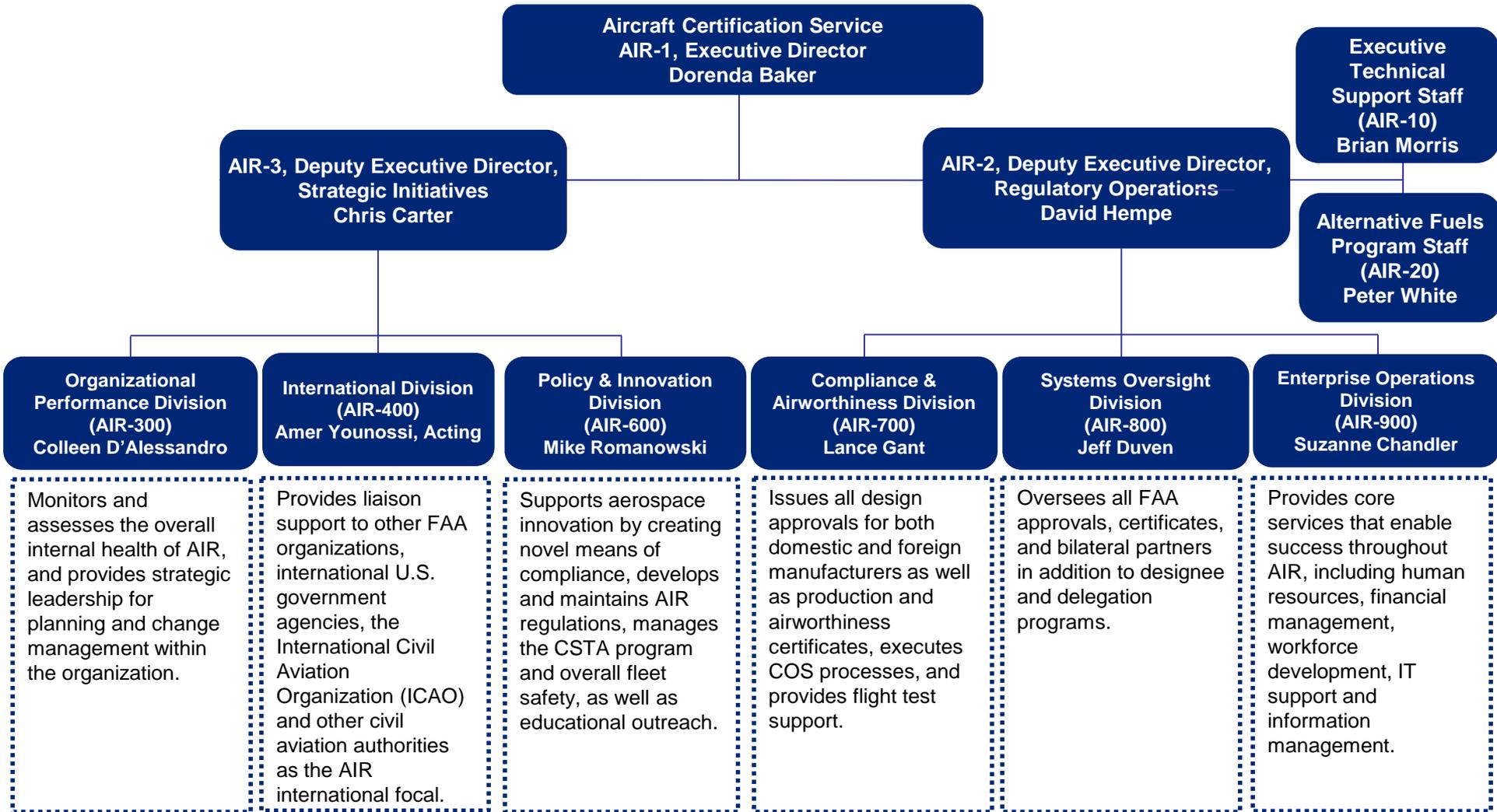
# The Strategy for AIR Transformation



# AIR Before the Organizational Change



# After Realignment (July 23, 2017)



# Find More Information

The screenshot displays the FAA website's navigation and content for the Aircraft Certification Service (AIR) Transformation. The top navigation bar includes links for FAA Home, Jobs, News, About FAA, A-Z Index, and FAA for You... A search bar is located below the navigation. The main navigation menu lists categories such as Aircraft, Airports, Air Traffic, Data & Research, Licenses & Certificates, Regulations & Policies, and Training & Testing. The current page is titled "Aircraft Certification" and features a sidebar with links to Consistency & Standardization Initiative, Directorates & Field Offices, Headquarters Offices, and Responsibilities. The main content area is titled "Aircraft Certification Service (AIR) Transformation" and includes a "Print" and "Share" button. The text states: "AIR Transformation is the Aircraft Certification Service's (AIR) holistic approach to becoming more efficient and effective." Below this is a diagram titled "AIR Transformation" with three main pillars: "Refresh certification strategy", "Invest in management systems to improve performance", and "Improve organization and invest in our people". Each pillar has a list of bullet points. At the bottom, there are two sections: "Change management" and "Industry commitments".

**Aircraft Certification Service (AIR) Transformation**

AIR Transformation is the Aircraft Certification Service's (AIR) holistic approach to becoming more efficient and effective.

**AIR Transformation**

- Refresh certification strategy**
  - Ensure appropriate support of standards activities
  - Minimize unnecessary involvement in critical path
  - Implement risk-based systems oversight
- Invest in management systems to improve performance**
  - Measure performance with goals and targets
  - Improve governance and operating norms
  - Invest in new tools and infrastructure
- Improve organization and invest in our people**
  - Adapt organization to execute on certification strategy
  - Invest in people and build skills to empower the workforce of the future

**Change management** Help organization embrace holistic transformation by creating clear communication channels with our people

**Industry commitments** Embrace systems safety with a compliance culture, engage FAA early on innovation, and work with FAA on performance management

Learn more on the public AIR Transformation website:

[www.faa.gov/go/AIRTransformation](http://www.faa.gov/go/AIRTransformation)



# Questions?

