TBO Relationships to FAA/NASA/JPDO Research Transition Teams

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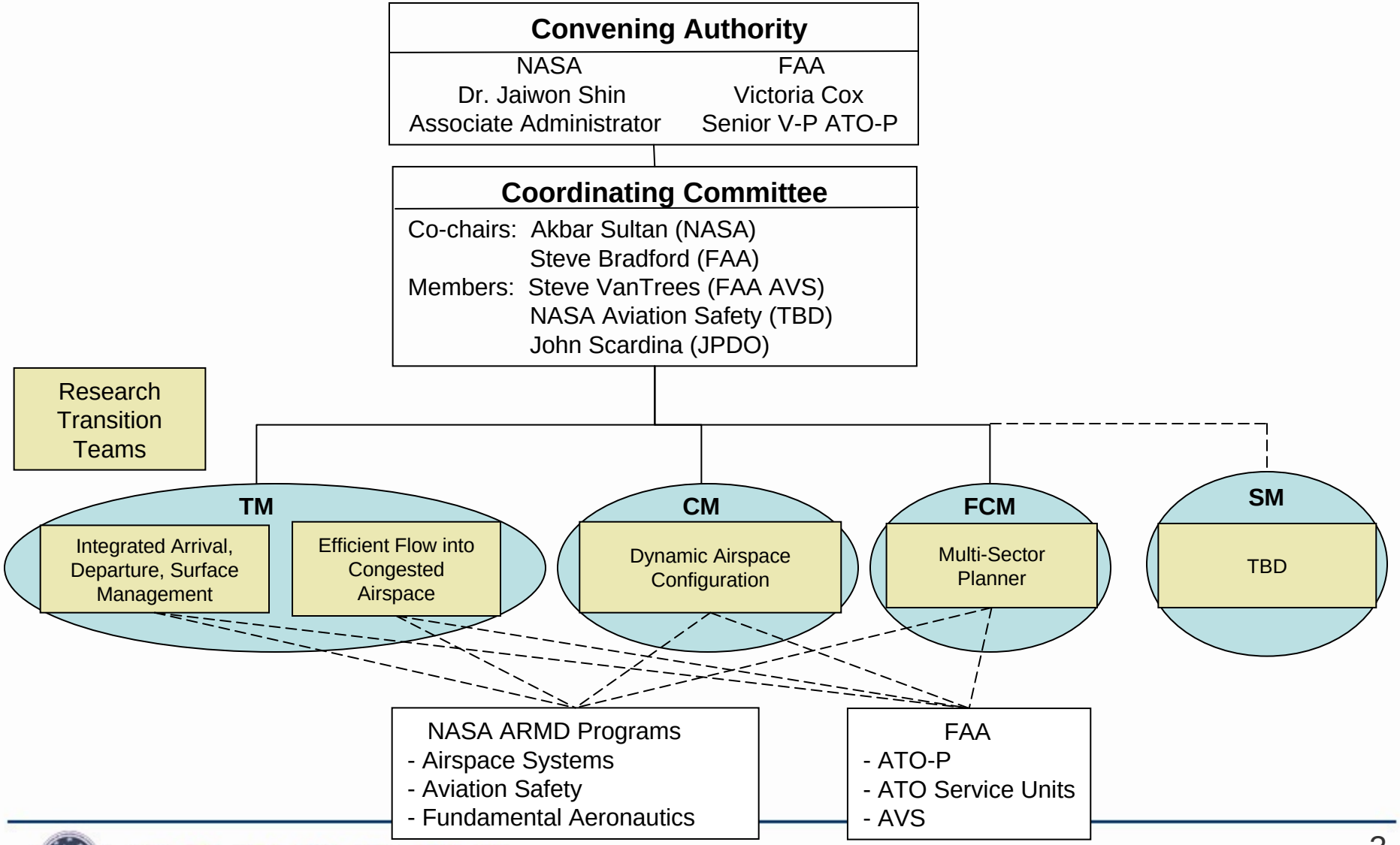
Research Transition Teams (RTT)

- FAA, NASA, and JPDO Participants
- Goal: Ensure that R&D needed for NextGen implementation is identified, conducted, and effectively transitioned to the implementing agency
- Objectives:
  - Provide a structured forum for researchers and implementers to constructively work together on a continual basis
  - Ensure that planned research results can be fully utilized and will be sufficient to enable implementation of NextGen Operational Improvements

RTT Framework



Anticipated Products of RTTs

- Agreed upon descriptions of mid-term foundations for far-term concepts
- Agreed upon descriptions of far-term concepts
- Research required to achieve far-term concepts
- Expected research products
- Insertion points of research products into FAA's acquisition decision making.

Relationships of RTTs to TBO

- Trajectory Management
  - Integrated Arrival/Departure/Surface
  - Efficient Flows in Congested Airspace (EFICA)
    - Includes en route metering and profile descents
- Flow Management
  - Multi-Sector Planner
- Capacity Management
  - Dynamic Airspace Configuration
    - DAC has to make certain assumptions about future role of controller and TBO in order to match airspace designs to controllers' role
- Separation Management
  - RTT has not yet been formed