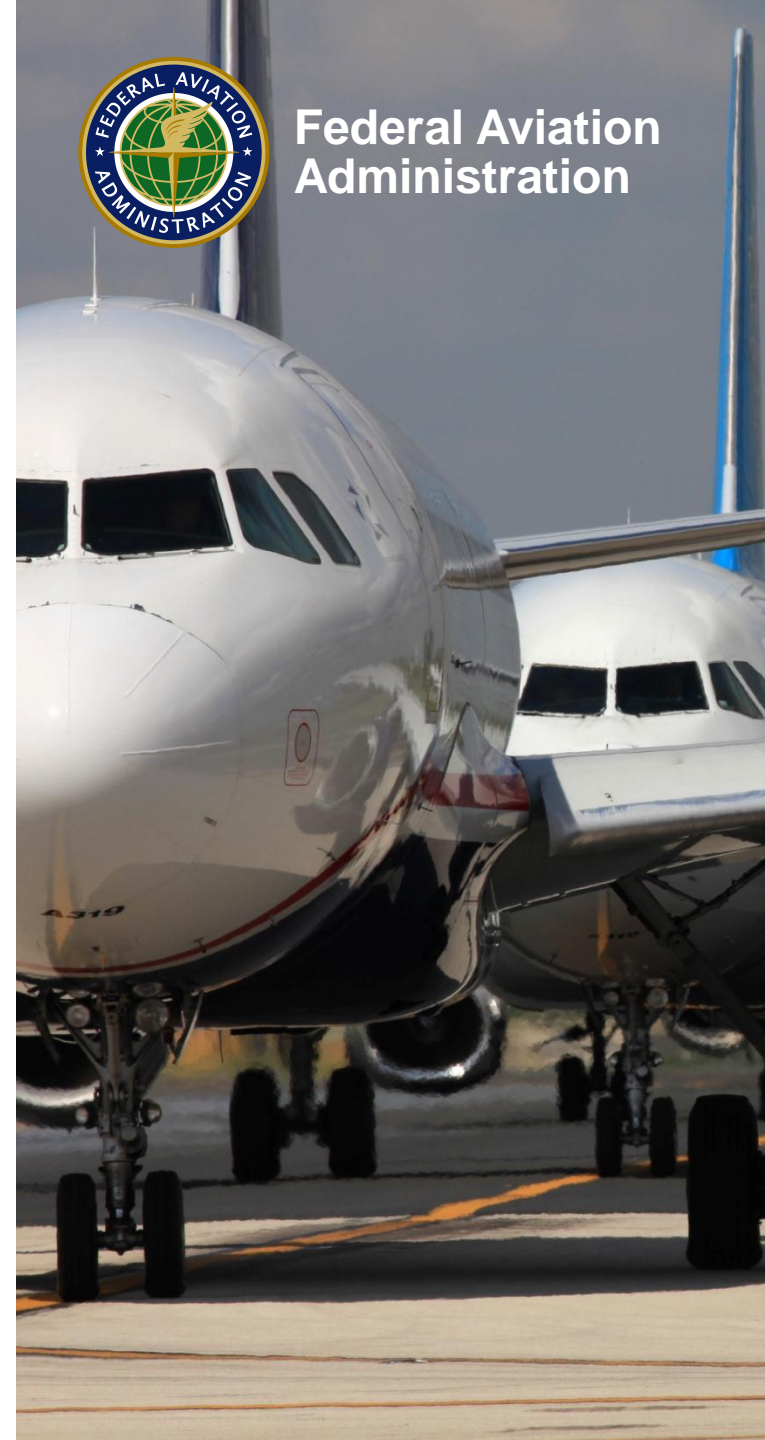


Performance Based Navigation

Benefits to Safety,
Efficiency, and
Environment



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Benefits of PBN -

- **Predictable and repeatable flight tracks offer reductions in ATCO Workload and flight crew workload and reduced pilot/controller communications**
- **Allows more efficient airspace design and reduces dependencies in complex airspace**
- **Provides for curved paths and transitions**
- **Provides greater access to airports**
- **VMC like capacity during IMC conditions**

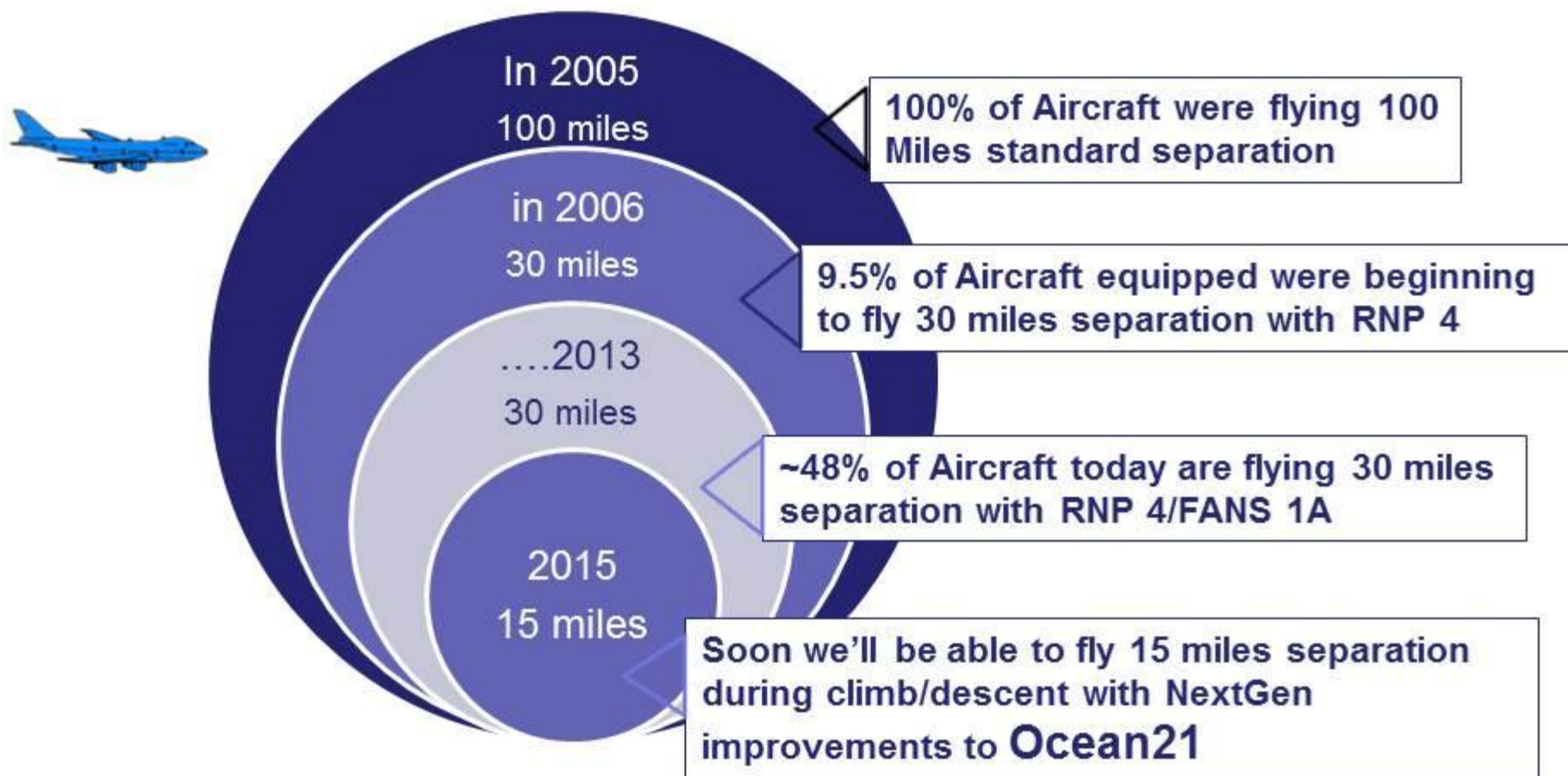


Benefits of PBN -

- **Performance monitoring and alerting**
- **Greater assurance to safety**
- **Reduced arrival/departure delay improves on-time performance**
- **Reduced fuel burn means reduced carbon emissions**
- **Reduced noise**



Progress in Oceanic Airspace



FAA Activities -

- **Integrating efforts with the Performance Based Operations Aviation Rulemaking Committee (PARC)**
- **NextGen Advisory Committee**
- **Outreach Meetings with operators, pilots, manufacturers, etc.**

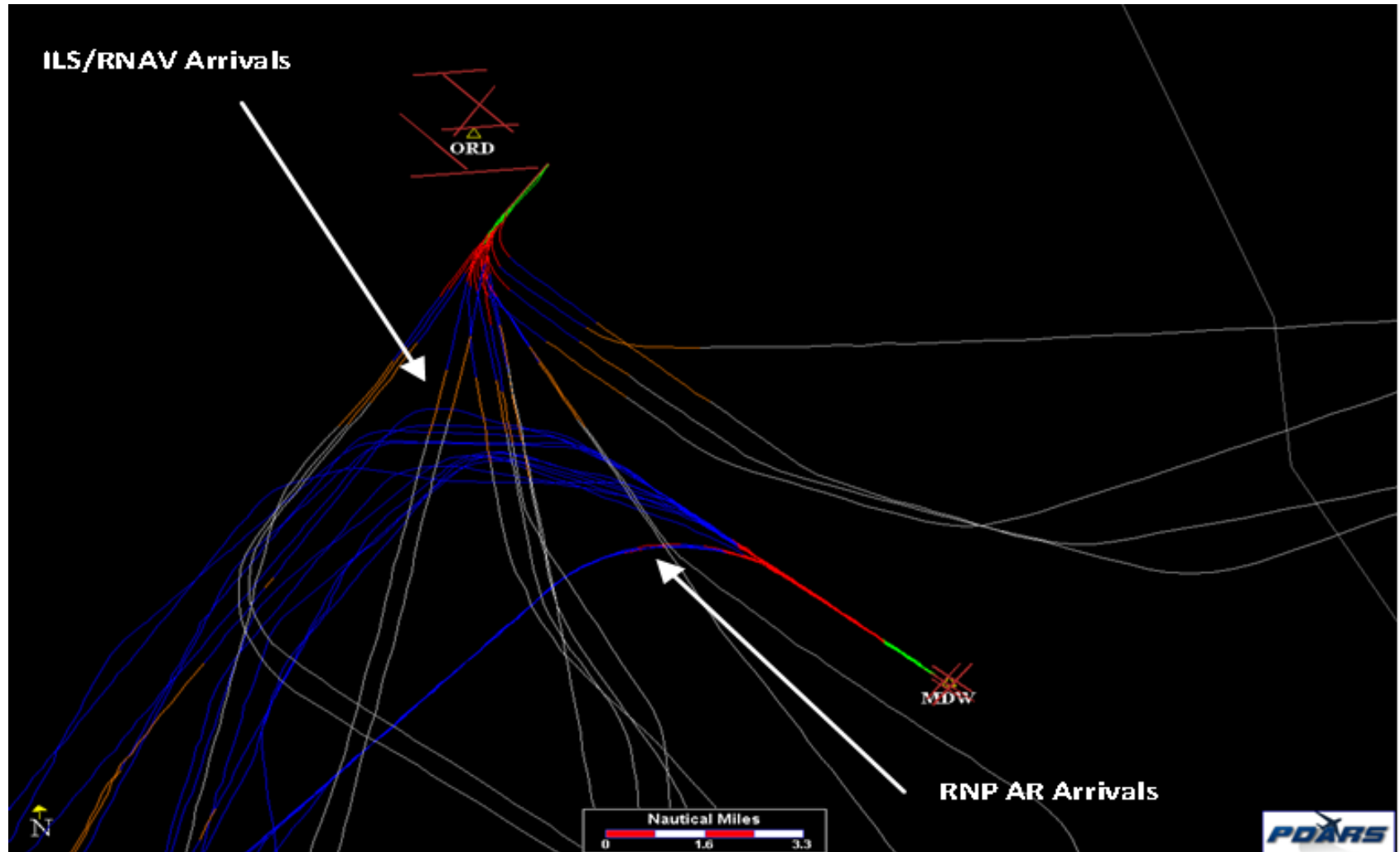


Videos

- NextGen Performance Based Navigation
- JetBlue Graphics and Video.mp4
- NextGen Flight into Juneau.mp4

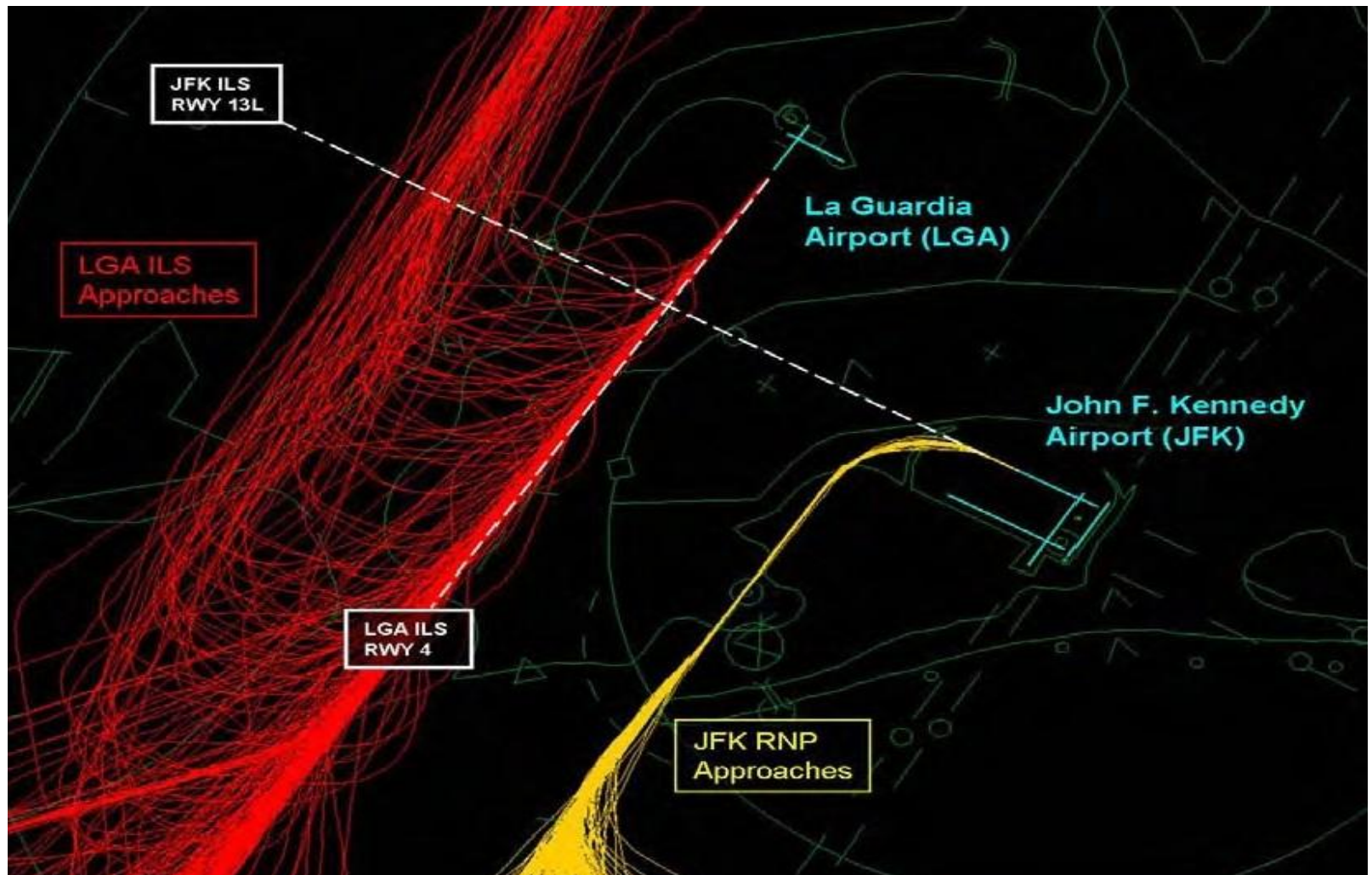


De-conflicting ORD/MDW



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De-conflicting LGA/JFK

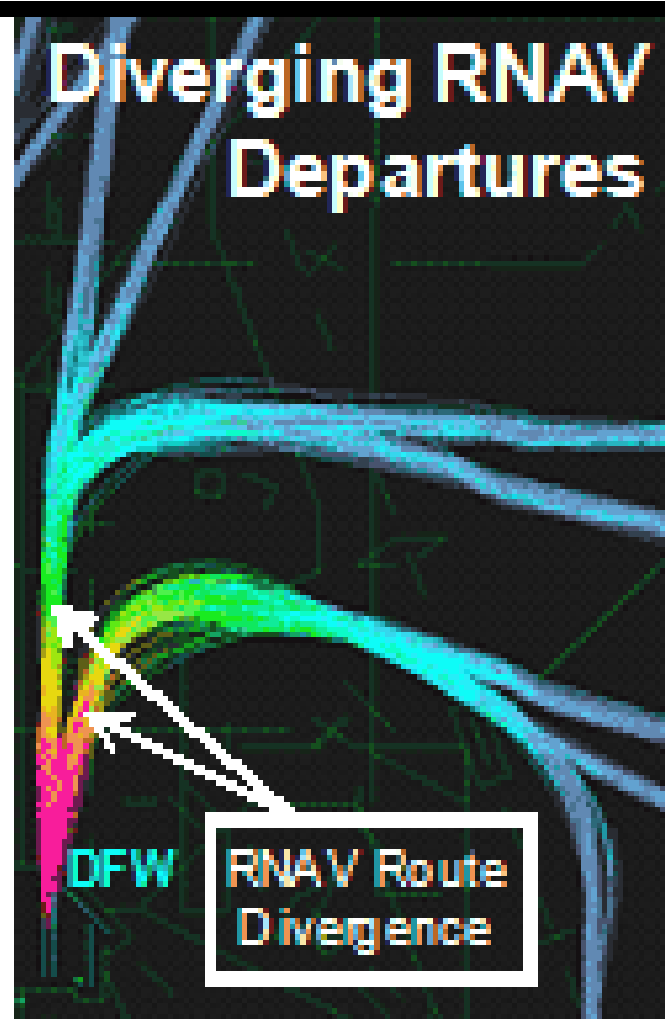


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Conventional Departures



Diverging RNAV Departures



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