



REQUIRED TIME OF ARRIVAL 4D TRAJECTORY

THE FUTURE OF AVIATION IS NOW. STAY INFORMED.

The Federal Aviation Administration's (FAA) Next Generation Air Transportation System (NextGen) program is transitioning from the National Airspace System (NAS) to Trajectory Based Operations (TBO). This is intended to make flight operations more efficient and predictable while maintaining operational flexibility.

The 4D Trajectory of an aircraft consists of the three spatial dimensions plus time as a fourth dimension. The Required Time of Arrival RTA (4D Trajectory) feature allows precise timing and speed control and satisfies efforts by authorities to improve air traffic management.

KEY BENEFITS

- ✓ Optimal operations: Stay on preferred routes and levels for smoother, more efficient flights
- ✓ Improved service: Gain advance information, reduce deviations, and deliver a more reliable experience
- ✓ Lower costs & emissions: Save fuel, reduce delays, and cut operating expenses
- ✓ Increased capacity: Enable controllers to manage more traffic en-route and at airports with greater efficiency

INSTALLATION

The Service Bulletin for installation of Required Time of Arrival (RTA) is **SB 550-34-0011**

OUR GOAL IS TO MAKE YOUR LIFE EASIER

For more information about Required Time of Arrival (4D Trajectory) for the Praetor 500/600 and Legacy 450/500, call your Sales Manager or reach us at our Contact Center contact.center@embraer.com