



AUTOTHROTTLE

LESS WORKLOAD, MORE INTUITIVE FLYING

Autothrottle controls the aircraft's speed by automatically adjusting the engine thrust to maintain the desired airspeed programmed by the Flight Management System (FMS). Autothrottle works in conjunction with the autopilot system to ensure that the aircraft flies at the proper speed throughout the flight.

The autothrottle system takes inputs from various sources, such as the airspeed indicator, the FMS, and the aircraft's weight and balance. If the aircraft deviates from the programmed speed, the autothrottle system will adjust the engine thrust to bring the aircraft back to the desired speed.

While significantly reducing workload, it allows a pilot to focus on other tasks such as navigation and communication. Pilots will be able to enjoy a more automated and intuitive flying experience through the auto-throttle's advanced automation technology, which will assist in throttle control during various phases of flight. For passengers, this translates to even greater comfort in the cabin.

KEY BENEFITS

- ✓ Automatically adjusts throttle levers
- ✓ Embedded Overspeed & Low Speed protections
- ✓ Significant workload reduction with less manual input
- ✓ Enables more consistent and predictable flying
- ✓ Integration with Emergency Descent Mode
- ✓ More intuitive flying for a superior pilot and passenger experience

INSTALLATION

The **SB 505-22-0007** is applicable for G3000 aircraft that have received factory incorporated provision from January 2023 and on.

Please contact us to find out if your cockpit configuration meets the requirements for this modification.

OUR GOAL IS TO MAKE YOUR LIFE EASIER

For more information about the Autothrottle, contact our Sales Managers or our Contact Center at contact.center@embraer.com