Continued Airworthiness Notification to the International Community

To: Civil Aviation Authorities **Date:** November 20, 2020

From: Federal Aviation Administration
Airworthiness Products Section
Operational Safety Branch
901 Locust
Kansas City, MO 64106

Subject: This message is to advise you of the FAA's ongoing activities related to a loss of thrust control event on a Textron Aviation Inc. (Textron) (type certificate previously held by Cessna Aircraft Company) Model 560XL airplane.

Accident/ Incident Description: On May 19, 2020, a Textron Model 560XL airplane conducting a Part 135 on-demand flight, experienced an uncommanded engine acceleration on the ground, following successful engine starts. The left-hand engine throttle was unresponsive to power commands, including engine shut-off. The crew activated the engine fire switch, cutting off fuel and successfully shutting down the unresponsive engine. An inspection identified that the left-hand engine sensor link became separated from the sensor drive arm in the throttle quadrant assembly. Further inspection revealed a missing rivet that connects the sensor link to the sensor drive arm. The rivet was found beneath the throttle quadrant assembly in the cockpit pedestal. The rivet was undamaged and showed no evidence of being properly squeezed (bucked) during assembly. The FAA determined an unsafe condition is likely to exist or develop in other products of these same type design which requires the issuance of an airworthiness directive (AD).

Aircraft/ Engine Make, Model and Series: Textron Model 560XL airplanes, serial numbers 560-6001 and higher.

U.S.-registered fleet: 176 **Worldwide fleet:** 296

Operators: General aviation and charter service (fractional service).

Ongoing activities: The FAA considers the failure of the throttle quadrant assembly an urgent safety issue, requiring immediate action and the issuance of an AD to address the unsafe condition. The AD would require a one-time inspection of the rivets that connect the left-hand and right-hand engine sensor links to the sensor drive arms in the throttle quadrant assembly.

Next update, if any: None.

FAA Contact:
Ann Johnson, COS Program Manager, Wichita ACO Branch
Email: ann.johnson@faa.gov
Telephone: 316-946-4105
Fax: 316-946-4017