

Safety Recommendation Number:	IRLD2019002
AAIU Event Reference:	IRL00918044
AAIU Report Number:	2019-009
Date of Publication of Safety Recommendation:	23 September 2019
Safety Recommendation Status:	Implemented, closed

Safety Recommendation:

Textron Aviation should undertake a review of the torque link design and associated operational procedures on the Cessna Citation 750 series with a view to implementing measures which will increase the probability that disconnected torque links will be detected prior to taxiing the aircraft.

Response:

10 February 2020

Textron Aviation informed the AAIU that the AAIU report 2019-009 and associated Safety Recommendation IRL2019-002 had been reviewed by their Safety Review Board (SRB), and their engineering team were working to develop a solution that would keep the lower torque link in the visual line of sight rather than dropping down parallel with the gear leg. The SRB had viewed initial illustrations of the proposed design but had not reviewed the final proposal. This review will be carried out at the next SRB meeting scheduled for 20 February 2020.

20 March 2020

Textron Aviation informed the AAIU that their Safety Review Board (SRB) had reviewed the proposed torque link design change. The SRB concluded that since the issue did not meet the criteria to be considered a ‘hazard’ item, the design change would likely be made available as an optional, discretionary, or recommended service document. The manufacture of ‘Proof of Concept’ parts is in progress.

25 June 2020

Textron Aviation provided a presentation to the AAIU which described the proposed design modification and included photographs of prototype parts installed on an aircraft.

AAIU Comment:

1 July 2020: The AAIU considers the status of this recommendation to be “Implemented, closed”.