

Beechcraft



Hawker

TEXTRON AVIATION

March 20, 2017

In Reply, Refer to: L-175-17-014

☐ Action

☒ Info Only

Mr. Timothy Monville
Sr. Air Safety Investigator
National Transportation Safety Board
Ashburn, Virginia

Subject: 1981 Beechcraft A36TC; S/N: EA-250; REG: N7FG; Accident in Orlando, FL; 11-20-15

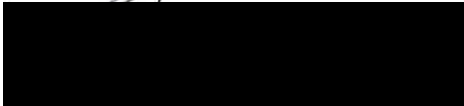
Dear Sir:

In regard to your inquiry about expected yoke forces from manual trim limit positions on the Beechcraft model A36TC, Textron Aviation Inc. provides the following response.

At a calibrated airspeed of 120 knots with a full airplane nose up (tab trailing edge down) trim, the estimated pilot force required to return the control column to a neutral position is 311 lbs. The force required to return the control column to a neutral position decreases at lower calibrated airspeeds and increases at higher calibrated airspeeds.

If we can be of further assistance in this matter, please contact us.

Sincerely,


Brian J. Weber
Regional Airworthiness Director -Europe, Middle East & Africa
Textron Aviation, Inc.

BW