

 <p>PHONE: 263 4 585018 263 4 585073/88 FAX: 263 4 585100 E-mail: ais@caaz.co.zw Website: www.caaz.co.zw</p>	<p>CIVIL AVIATION AUTHORITY OF ZIMBABWE</p> <p>AERONAUTICAL INFORMATION SERVICES P. BAG 7716 CAUSEWAY, HARARE</p>	<p>AIC</p> <p>B016/01</p> <p>23 APR 2001</p>
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AERONAUTICAL INFORMATION CIRCULAR

AIC B004/98 is hereby replaced.

SUBJECT: CESSNA 172 SERIES MIS DIAGNOSIS
CESSNA 182 SERIES ELEVATOR TRIM TAB
CESSNA 206 SERIES ACTUATOR FAILURE
CESSNA 210 SERIES

HISTORY An accident involving a Cessna U206F was caused, in part, by the failure in flight in flight of the elevator trim tab actuator. At the bottom of the descent, the subject actuator failed, effectively disconnecting the pilot's elevator trim tab control from the trim tab. The immediate effect was a violent nose-up pitching motion of the aircraft, accompanied by high vibrations throughout the airframe.

ACTION All flight crew are advised that failure of the elevator trim tab actuator in flight may result in uncommanded nose up pitching motion, with accompanying vibration that may, in the first instance, be mistaken for incipient engine failure

All flight crew are reminded that in the event of suspected engine failure in flight, they are required to follow the emergency drill as shown in the EMERGENCY CHECK-LIST of the aircraft Flight manual (or Pilots Operating Handbook, POH) BEFORE securing the engine.

Such action may help Flight Crew to avoid the potential action of shutting down a perfectly serviceable engine.


K. Kaseke
Acting General Manager

This circular is issued for information, guidance and necessary action.