

Copy of  
**SKYFOX AVIATION**  
**SERVICE BULLETIN No 12**

**THROTTLE CONTROL**

**Aircraft Type:** - CA 22 / CA 25 SKYFOX  
- CA 25N GAZELLE

**Background:**

An incident occurred whereby the throttle retaining grub screw worked loose causing the throttle to disengage from its housing.

**Rectification:**

The rectification of the problem will be to make a small recess into the centre of the cable slide which inserts into the aluminium block.

This can be performed by using a 1/8" drill bit and drilling only into the depth of the point of the drill (approx 1.5mm)

This recess will ensure the grub screw has a definite locating position.

**COMPLIANCE:-**

**PART A**

Inspect throttle locking grub screw for security. If found loose, modify in accordance with PART B. Compliance to PART A before next flight.

**PART B**

Remove centre grub screw from aluminium block located in throttle assembly.

Remove throttle grub screw.

Carry out drilling of a small recess in throttle control slide.

Refit throttle control aligning recess with grub screw hole

Fit grub screw using loctite thread sealant.

Operate throttle to full range ensuring both open and closed stops are reached on carburettors.

Compliance with PART B within 100 hours time in service from date of issue of this bulletin.

**Serial Nos affected:**

All CA22 / CA 25 Skyfox aircraft

CA 25N up to CA25N032 Gazelle

FIGURE 1

