

<b>TITLE</b>	THROTTLE LEVER SHORTEN & REPLACE THROTTLE STOPS
<b>CLASSIFICATION</b>	THIS SERVICE BULLETIN HAS BEEN CLASSIFIED MANDATORY BY CAA
<b>COMPLIANCE</b>	WITHIN THE NEXT 50 HOURS
<b>APPLICABILITY</b>	ALL AX2000'S

**INTRODUCTION**

AX2000 throttle levers have been found to bend under the “pilots in opposition” load case. Maximum opposition load on the current design long levers could potentially lead to problems at the link tube joints. The following modifications have therefore been introduced to meet the requirements, and must be completed on all AX2000 aircraft within the next 50 hours.

**ACTION**

Remove and discard throttle stop webbing from each throttle lever and the cockpit upright tubes.

Cut both throttle levers down to 200mm total length, as shown in figure 1. Fit knob to cut end of each throttle lever.

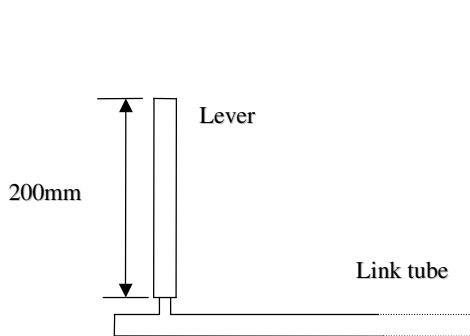


Figure 1: Shortened throttle lever.

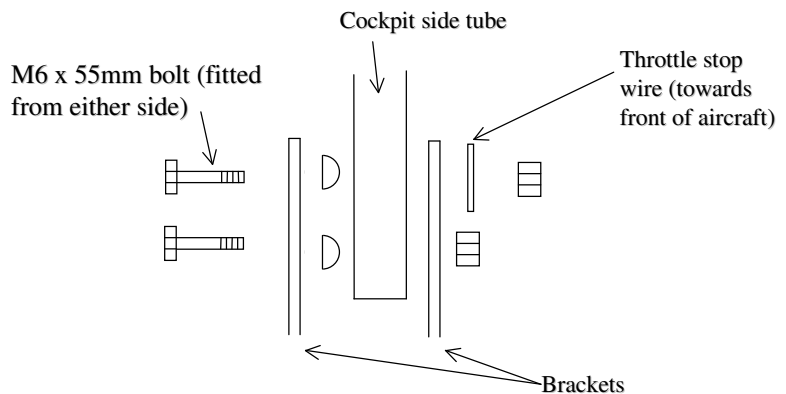


Figure 2: Cockpit side tube fixing with throttle stop wire fitted, left hand side shown.

Fit new throttle stop wires to throttle levers and bottom of cockpit side tube fixings: Both sides of cockpit, place one end tang of a throttle stop wire between inside bracket and nut of upper cockpit side tube fixing hole, as shown in figure 2, replacing bolt with longer 55mm M6 bolt. Original bolt may need to be cut to be removed. Fit other end of left hand throttle stop wire to throttle lever by placing tang between throttle lever and rod end joint on throttle cable as already fitted, as shown in figure 3. Drill out equivalent hole on right hand throttle lever to 5.1mm diameter. Fit throttle stop wire to this hole using 25mm M5 bolt, M5 Form B washer, larger washer and M5 nyloc nut as shown in figure 4.

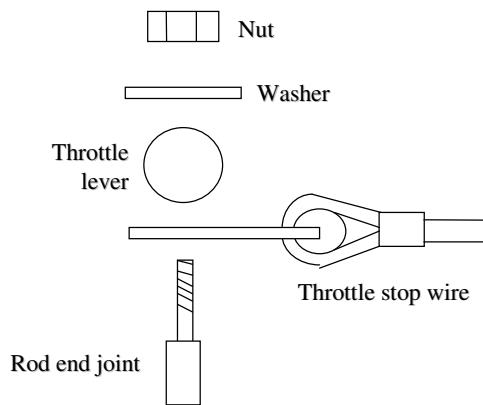


Figure 3: Left hand throttle lever stop fixing with throttle cable rod end joint.

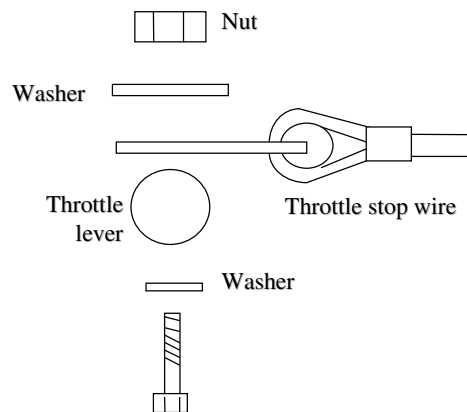


Figure 4: Right hand throttle stop fixing.

Adjust the throttle cable so that when the throttle levers are pushed fully open, the throttle stops take the load.

Parts required to complete this service bulletin:	2	Throttle lever knob	PMM-040
	2	Throttle stop wire	201610
	1	25mm M5 bolt	FBM5-25
	2	55mm M6 bolt	FBM6-55
	1	M5 T type nyloc nut	FNM5-NT
	1	Large washer	FW3-12
	1	M5 form B washer	FWM5-B

When complete this modification must be inspected by a Cyclone/Pegasus or BMAA Inspector and signed off under Service Bulletin AX2017 in the technical log.

**ISSUED BY**    Louise Beale

**DATE**        04.1.99

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