

CYCLONE AX3 - SERVICE BULLETIN

BULLETIN No: 6 - Issue 1 ISSUE DATE: 29 January 1995
SUBJECT: Throttle icing AFFECTED MODELS: All
COMPLIANCE: Recommended

SITUATION: We have had 3 reports of AX3 throttle cables jamming open during the Christmas period. In each case the ambient temperature was below freezing point and the pilot considered that the cable had frozen. In one particular case the pilot switched the ignition off and landed, unfroze the cable before flying home. The pilot changed the throttle position every few seconds during the flight home.

We believe that this situation only occurs if the throttle cables have water in them or if oil is used to lubricate them. The whole throttle cable run should be checked for places where water can enter, particularly if your aircraft is parked outside. New rubber grommets should be fitted where the existing ones are perished, silicone sealant should be used to seal connections to the duplicator box and adhesive heat shrink to repair any splits in the outer cable covers.

If the cables have been oiled, they should be thoroughly washed through with petrol or other spirit and lubricated with WD40 or similar easing oil. The carburettor grommets make ideal funnels for the WD40 when used in reverse. The cable run must be kink free and the loop in the cable behind the throttle lever should be as large as possible.

We trust that these fixes will serve to stop the problem, however, we would appreciate owners reporting any further occurrences of this nature.

W H Sherlock - Managing Director.
For Cyclone Airsports Ltd t/a Pegasus Aviation.

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