

SERVICE BULLETIN

SB No. 40

Issue No. 1

TITLE

Special inspection of throttle cable - T67C aircraft

CLASSIFICATION

This Service Bulletin has been classified as mandatory by the U.K. C.A.A.

COMPLIANCE

Before the next flight, and at each 150 hour inspection until Mod. M480 is incorporated.

APPLICABILITY

All T67C aircraft

INTRODUCTION

There have been 2 cases of breakage of the throttle cable on T67C aircraft. In both cases the cable has broken at the cockpit end at a point where the inner cable emerges from the outer cable, see figure 1.

ACTION - FIRST INSPECTION

1. Set the throttle lever to the idle position, and measure the clearance at the idle stop screw.
2. Slacken cable clamp bolt, and disconnect the throttle cable at the carburettor.
3. Withdraw the cable about 20 mm. - this ensures that all the affected part of the inner cable will be visible.
4. Visually examine the inner cable for evidence of kinking or cracking - if either is found the cable must be replaced.
5. Check that the length of the outer cable which extends aft beyond the "P" clip is between 0 and 20 mm. If necessary, adjust the cable position to lie within this tolerance by slackening the "P" clip, repositioning the cable, and retightening the "P" clip. It may be necessary to adjust the outer cable clamp position at the carburettor end of the cable. When retightening the "P" clip, ensure that it is angled to equalize sideways bending of the inner cable during operation.
6. Set the carburettor to the idle position, and the left hand throttle lever to the position measured in 1. above; retighten the cable clamp bolt.
7. Adjust the full throttle clearance, measured at the throttle lever stop screw, to no more than 1 mm., ensuring that the throttle inner cable between the outer cable termination and the cable clamp bolt is not bowed.
8. Adjust the idle clearance, measured at the throttle lever stop screw to no more than 1 mm.

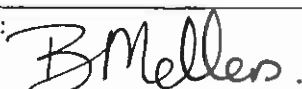
N.B. If any difficulty is found in limiting the throttle lever clearance to 1 mm. check that the throttle stop screws have an effective length of 25 mm. If any are found which have an effective length of 20 mm. contact the Customer Service Department.

ACTION - REPEAT INSPECTIONS

Carry out items 1,2,3,4, and 6 as detailed above. Check that the clearance as measured at the throttle lever stop screws is no more than 1 mm. at idle and at full throttle.

ISSUED

ISSUED BY:



Date

 18th March 1992

for and on behalf of

SLINGSBY AVIATION PLC

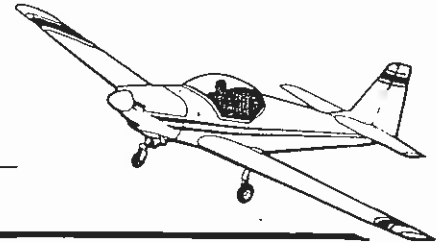
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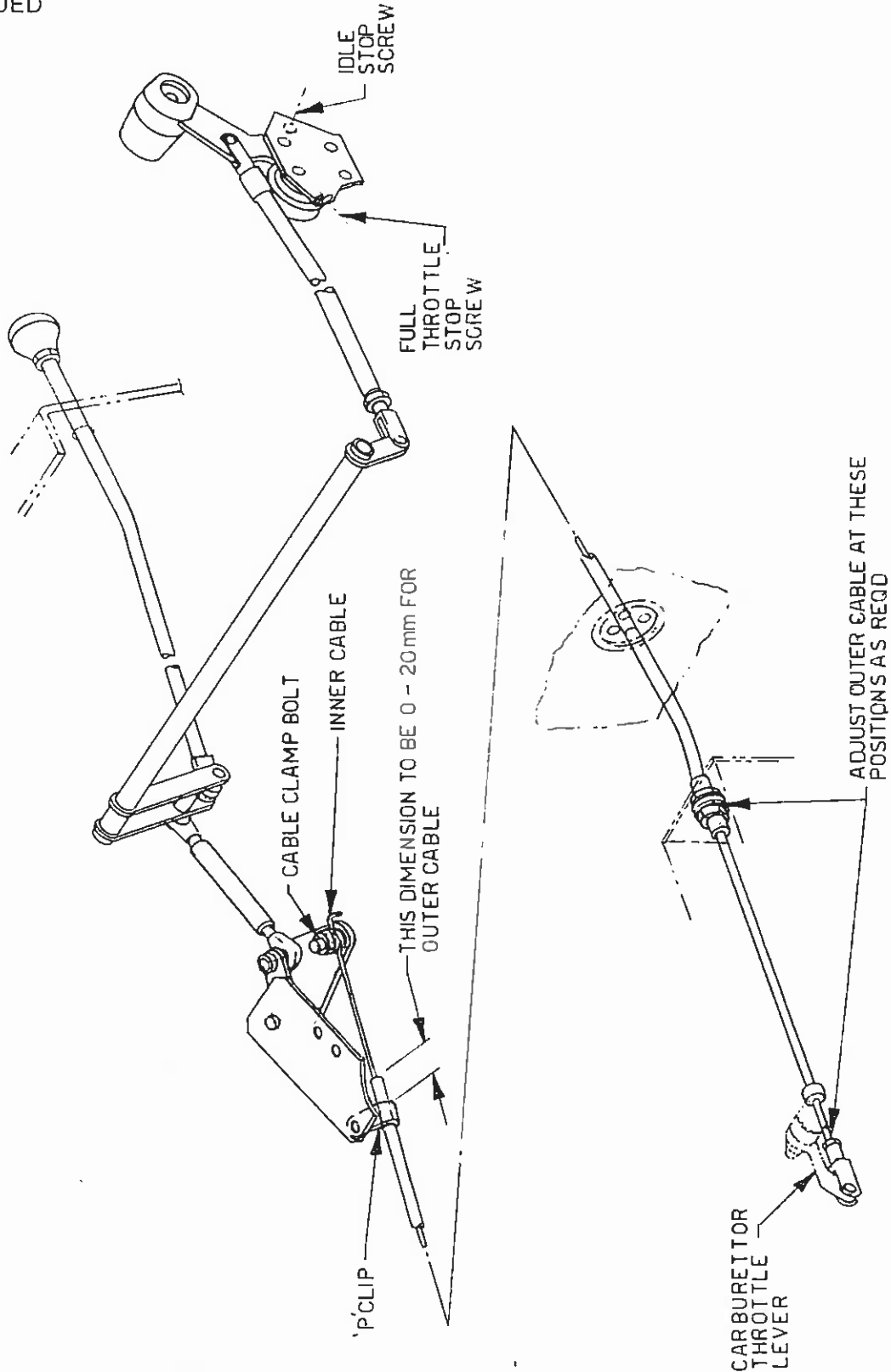


FIGURE 1
(POSTMOD M326 DRN)

Approved: *B. Meller*

Date: 18th March 1992

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