

SERVICE BULLETIN 74

APPLICATION: ALL GLASAIR II aircraft

SUBJECT: Clearance between exhaust system and oil cooler

DESCRIPTION: Several Glasair II builders have reported inadequate clearance between the exhaust system and the oil cooler if the oil cooler is mounted in the space reserved for it, as described in the FIREWALL BUILDUP subdivision of the FINAL ASSEMBLY section of the Instruction Manuals. The suggested oil cooler location is shown on page G-85 of the II RG Instruction Manual, on page G-75 of the II FT Instruction Manual, and on page G-77 of the II TD Instruction Manual.

SOLUTION:

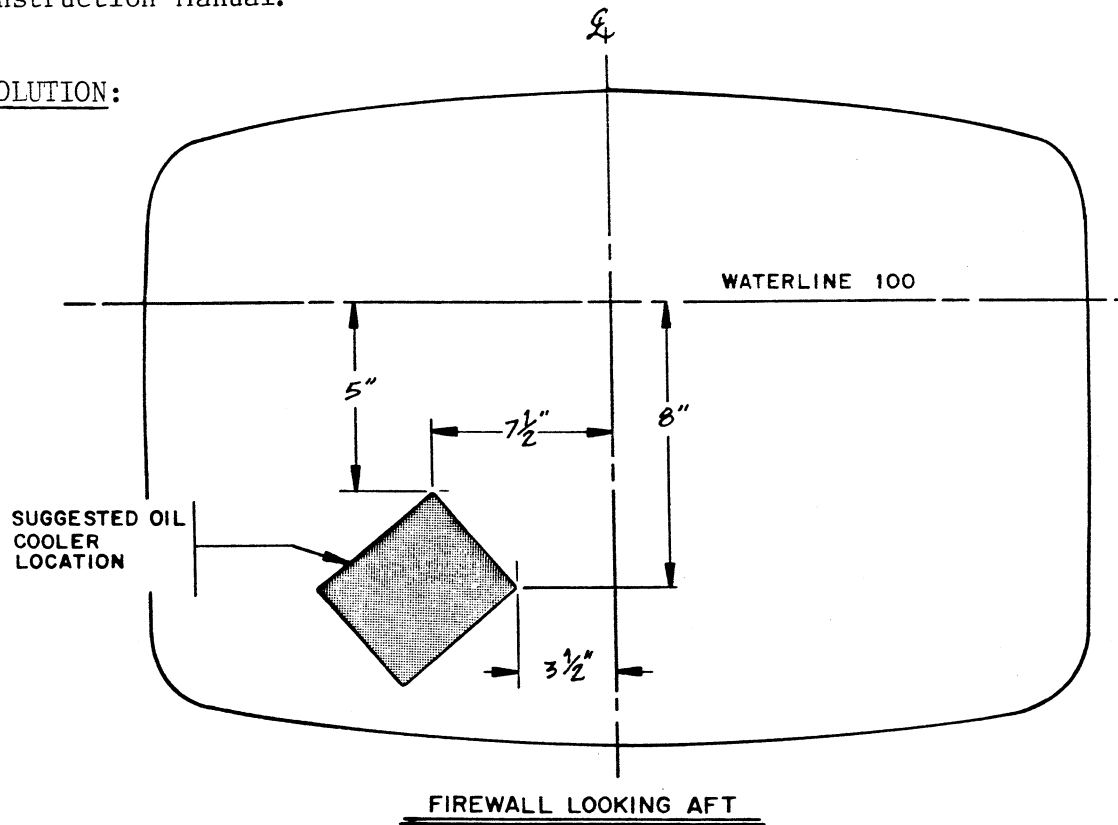


FIGURE (1)

The best alternative location for the oil cooler that we have found is mounted at an angle on the firewall, as shown in FIGURE (1). This is a suggested location only; builders should feel free to mount the oil cooler elsewhere to suit their individual requirements. The oil cooler could also be mounted to a set of brackets attached to the engine mount, to the inside of the engine cowling with the oil cooler air exiting through a set of louvers as on the Glasair III, or anywhere else that provides the necessary clearance from the exhaust system and other engine compartment components.

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STODDARD-HAMILTON
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