

Chapter 9

DE-ICING SYSTEM

(This chapter supersedes that issued with A.L.1)

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Description

1. The equipment for de-icing the outside of the windscreen consists of two spray tubes fitted at the base of the windscreen, a hand pump mounted above the nose wheel well and a fluid supply tank forward of No. 1 bulkhead. The installation of the equipment is illustrated in fig. 1 and 2. Details of the fluid specification and the capacity of the reservoir are given in the Leading Particulars.

2. The hand pump is a Rotax type M.2601, a detailed description of which is given in A.P.1464D, Vol. 1.

Servicing

3. A general description of a typical windscreen de-icing system, together with servicing notes for the hand pump is given in A.P. 1464D, Vol. 1, Sect. 5, Chap. 4. The supply tank must be kept filled and access to the filler neck is obtained by opening both the port and starboard nose access doors and raising the radome. The small holes in the spray tubes and the tank vent pipe must be kept clear, and the entire system must be checked periodically for leaks in accordance with A.P.1464D, Vol. 1, Sect. 5, Chap. 4.

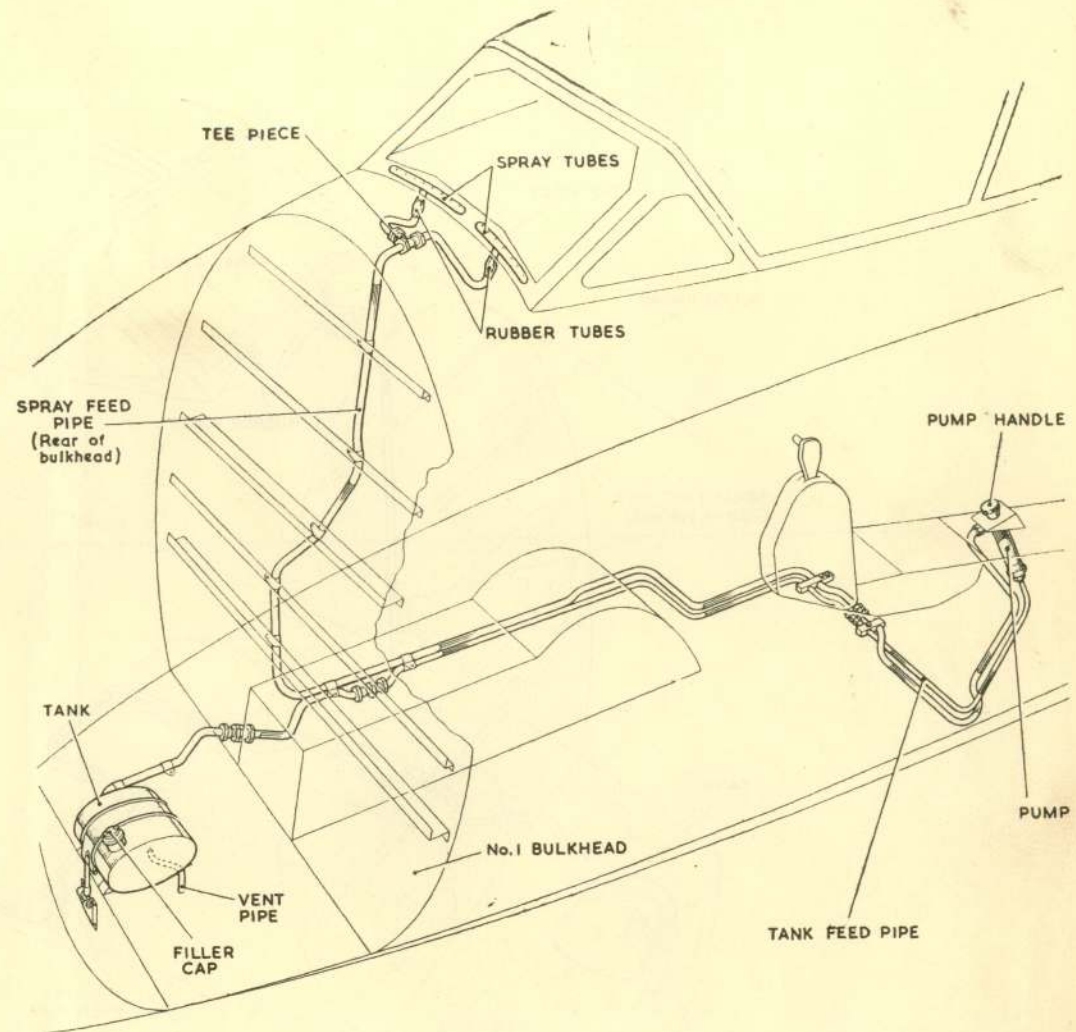


Fig. 1. Windscreen de-icing (early aircraft)

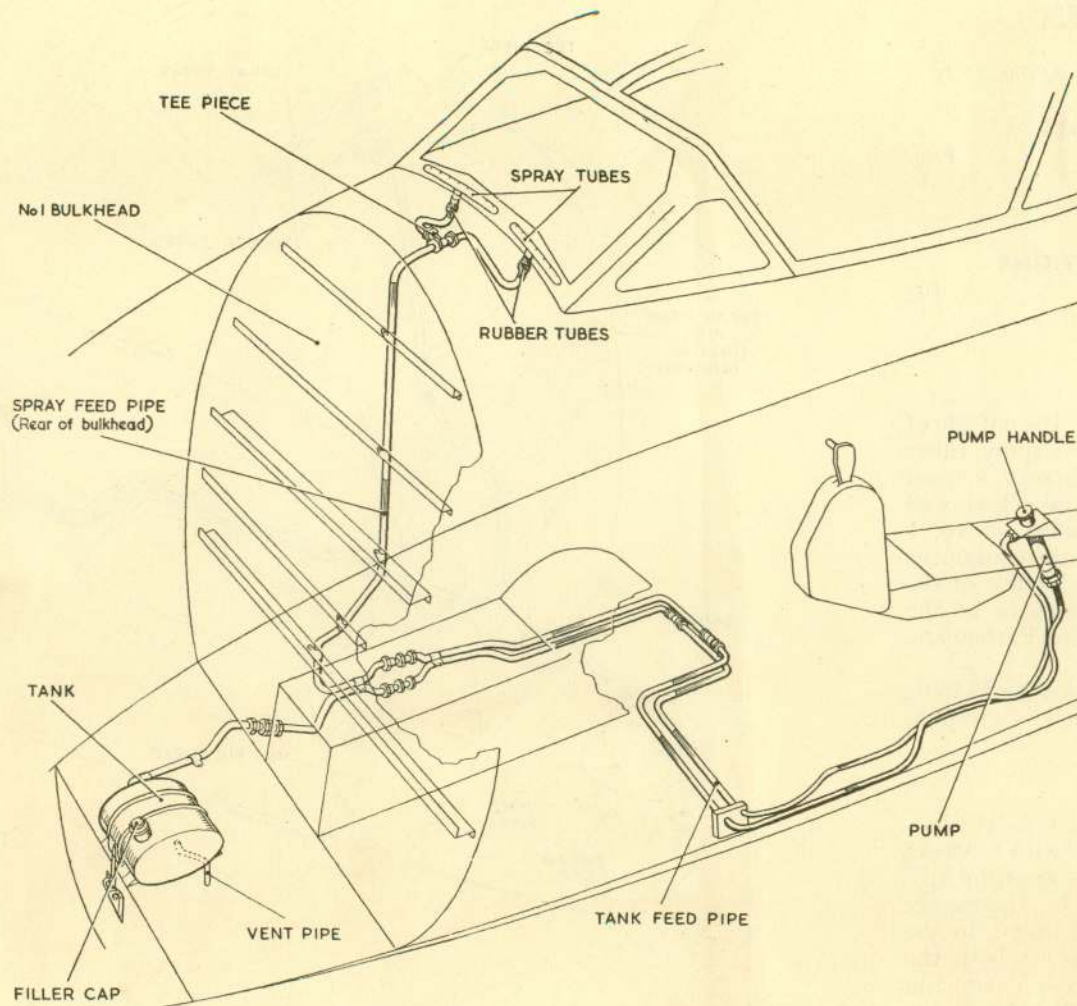
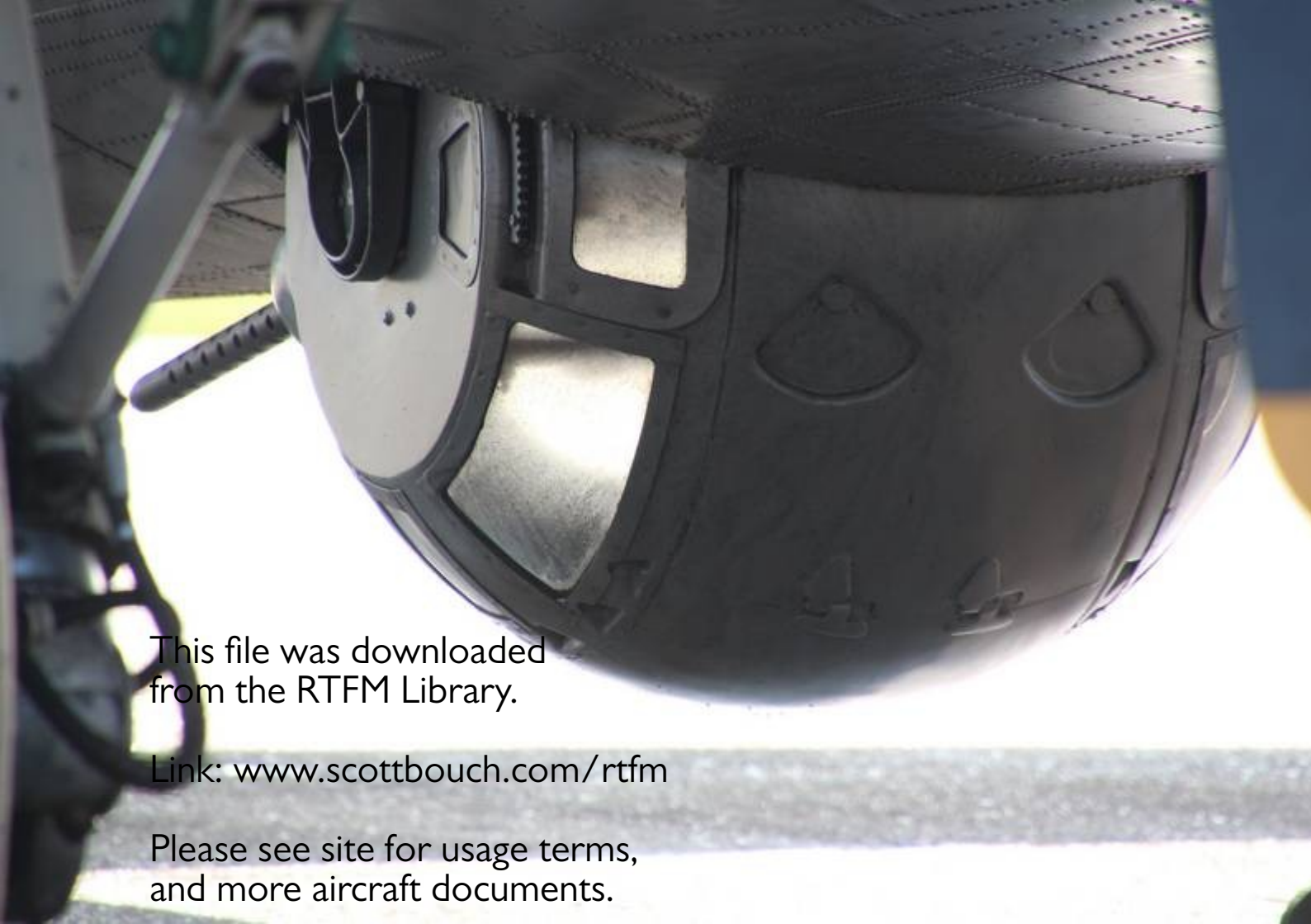


Fig. 2. Windscreen de-icing (later aircraft)

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