

CHAPTER 1
ELECTRICAL SYSTEM

LIST OF SERVICES

(Completely revised)

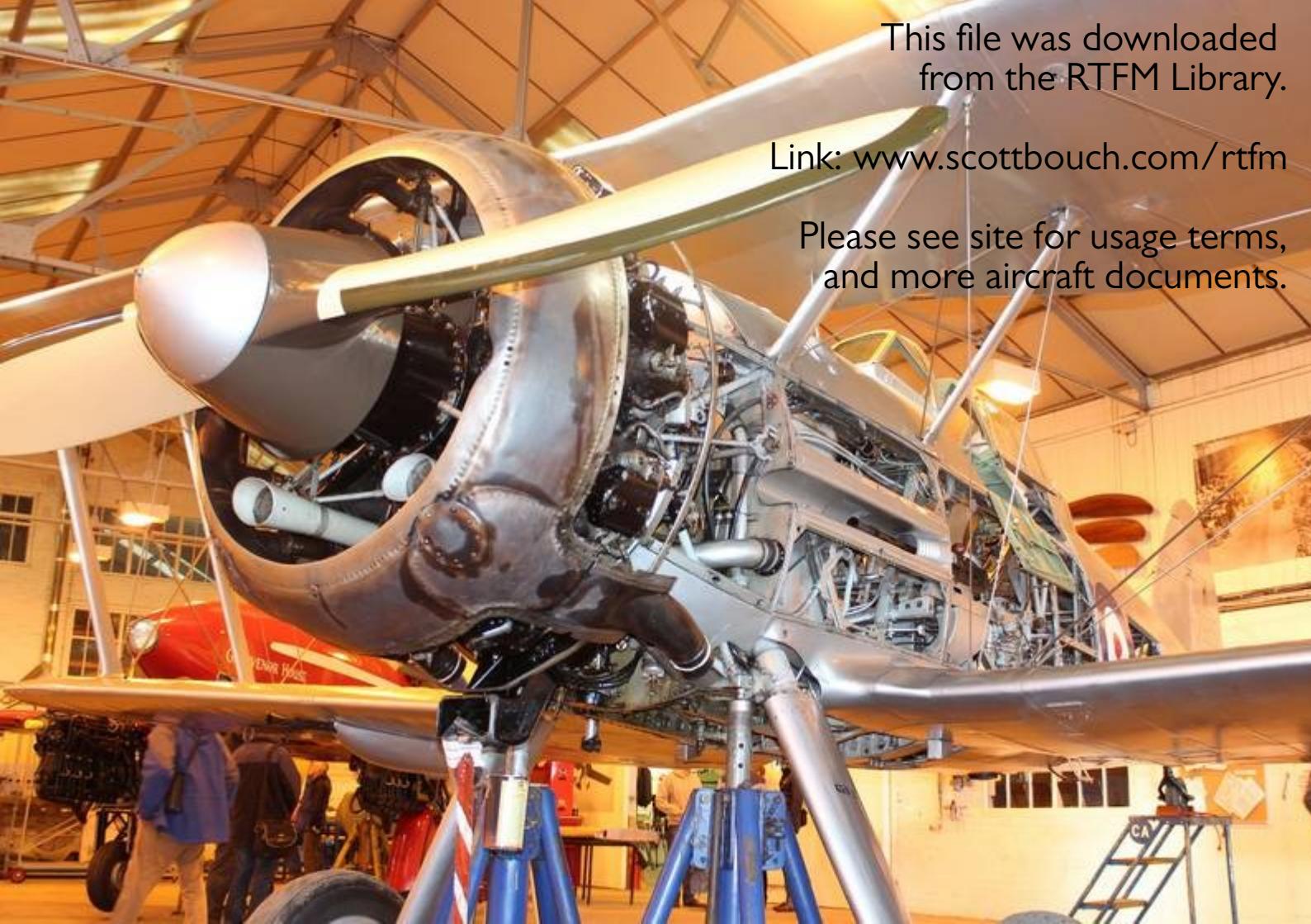
| GENERAL INFORMATION – A | | Group | INSTRUMENT SERVICES – E | | Group |
|--|-----|-------|---|-----|--------|
| <i>System details</i> ... | ... | A.1 | <i>Fuel filter de-icing (Code EFD)</i> ... | ... | C.5 |
| <i>Removal of junction boxes, panels and shelves</i> ... | ... | A.2 | <i>Explosion suppression system (Code EX) (pre Mod.1271 only)</i> ... | ... | C.6 |
| <i>Location of equipment</i> ... | ... | A.3 | | | |
| POWER SUPPLY SERVICES – B | | | FLYING SERVICES – D | | |
| <i>Generators and batteries (Code GA)</i> ... | B.1 | | <i>Rudder and aileron trim controls (Code R, A, RD and AD)</i> ... | ... | D.1 |
| ENGINE SERVICES – C | | | <i>Elevator and aileron power controls (Code PE, PA and HP)</i> ... | ... | D.2 |
| <i>Engine starting (Code S and SA)</i> ... | C.1 | | <i>Tail plane control (Code T and TD)</i> ... | ... | D.3 |
| <i>Fire warning and extinguisher (Code FW and FE)</i> ... | C.2 | | <i>Flap control (Code F and FD)</i> ... | ... | D.4 |
| <i>Tank pumps, failure warning and pressure refuelling (Code BP and PR)</i> ... | C.3 | | <i>Hood control (Code HC)</i> ... | ... | D.5 |
| <i>Engine anti-icing (Code EA)</i> ... | C.4 | | <i>Cabin pressurization and temperature control (Code CP)</i> ... | ... | D.6 |
| | | | <i>Alighting gear control (Code UC)</i> ... | ... | D.7 |
| | | | <i>Alighting gear indicator (Code U)</i> ... | ... | D.8 |
| | | | <i>Autostabilizer (Code AS)</i> ... | ... | D.9 |
| | | | <i>Air brake control (Code AB)</i> ... | ... | D.10 |
| | | | ◀ <i>Parachute brake (Code TC)</i> ... | ... | D.11 ▶ |
| INTRODUCTION | | | ARMAMENT SERVICES – G | | |
| 1. This chapter contains descriptive and servicing information on the electrical system installed in this aircraft. The chapter is divided into a number of self-contained groups of information, beginning with a general information group embodying system wiring details, identification and general servicing of the components. Illustrations showing the removal of the major junction boxes and panels, together with a master index of all the components | | | <i>Armament supplies and control (Code GF, GV, GH, BR, BF, BJ, JG, RP and CG)</i> ... | ... | G.1 |
| RADIO SERVICES – H | | | RADIO SERVICES – H | | |
| | | | <i>Radio and radar supplies (Code RT, TS, DM, IF and RS)</i> ... | ... | H.1 |

employed in the system and illustrations showing the location and access to the equipment are also included in this group. The remaining groups are arranged according to their function, being referenced by the group letter and a number together with code letters of the circuit concerned as given in the list of services. Each group is complete with a list of contents and embodies a description of the circuit or circuits concerned, together with routeing and theoretical diagrams and the necessary servicing

information, which includes testing in-situ and the removal of the equipment where required.

Note . . .

Many of the A.P. references in each individual Group 'Table of Equipment and Air Publication reference' throughout this Air Publication will no longer apply due to the new A.P. coding system. A general revision of these Tables will be made in due course.

A large propeller aircraft, likely a Douglas C-47 Skytrain, is displayed in a museum hangar. The aircraft is positioned on a blue hydraulic lift, with its front landing gear extended. The engine and propeller are visible on the left side. The interior of the aircraft is partially open, showing the cockpit and the engine compartment. The aircraft is surrounded by museum exhibits, including a red and white airplane in the background and various informational displays. The hangar has a high ceiling with exposed structural beams and lighting fixtures.

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