

GROUP F, 3

SERVICE LAMPS (CODE L)

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Fig.

Equipment employed

1. The major components employed in the service lamps circuit are quoted below, together with the appropriate Air Publications to which reference

should be made for a detailed description and the necessary servicing required to maintain them in an efficient condition.

Cabin lamps Mk. 1A A. P. 4343E, Vol. 1, Sect. 7, Chap. 15.

RESTRICTED

DESCRIPTION

Service lamps

2. To illuminate the equipment in the nose wheel and radio bays, during servicing operations a lamp is provided at each of these locations. The nose wheel bay lamp is mounted on the rear face of frame 3, while the radio bay lamp is on the rear face of frame 16. Each lamp is controlled by a switch incorporated in the lamp housing and a small socket is also provided in each housing to enable an inspection lamp to be used when required.

Operation

3. The operation of the circuit should be apparent, once reference is made to the theoretical diagram given in fig. 1 of this group.

SERVICING

General

4. For general servicing of the electrical system as a whole, reference should be made to Group A of

this chapter, which also contains a table giving the type of filament lamp used in this circuit. Apart from keeping all the components clean, ensuring that they are securely mounted and checking that the filament lamps are serviceable, no further servicing should necessary.

NOTE...

Ensure that the lamps are switched off after use.

REMOVAL AND ASSEMBLY

General

5. Once access has been obtained, the removal and assembly of the service lamps should present no unusual difficulties. The location of all the lamps and the means of access to them is indicated in Group A of this chapter.

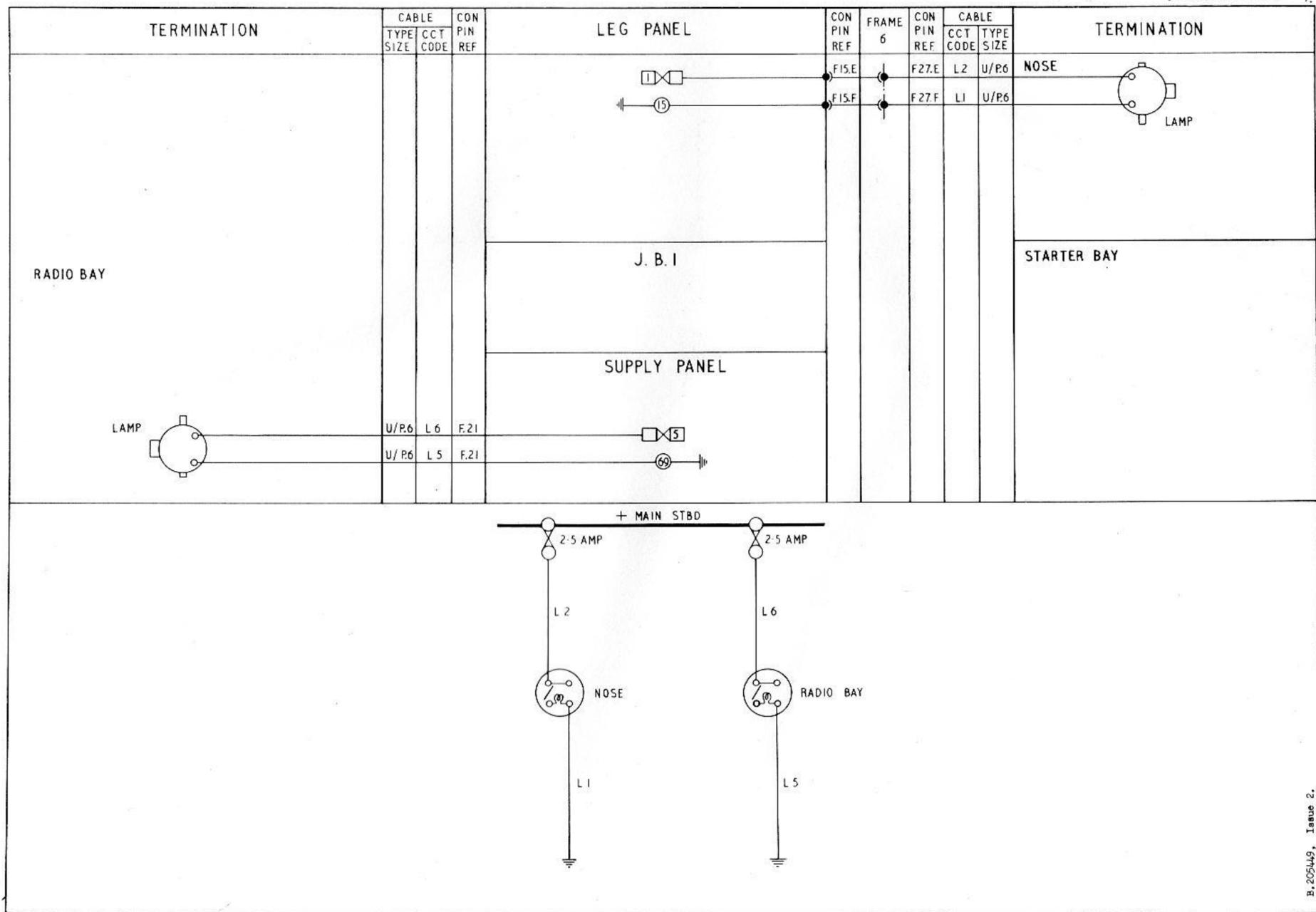
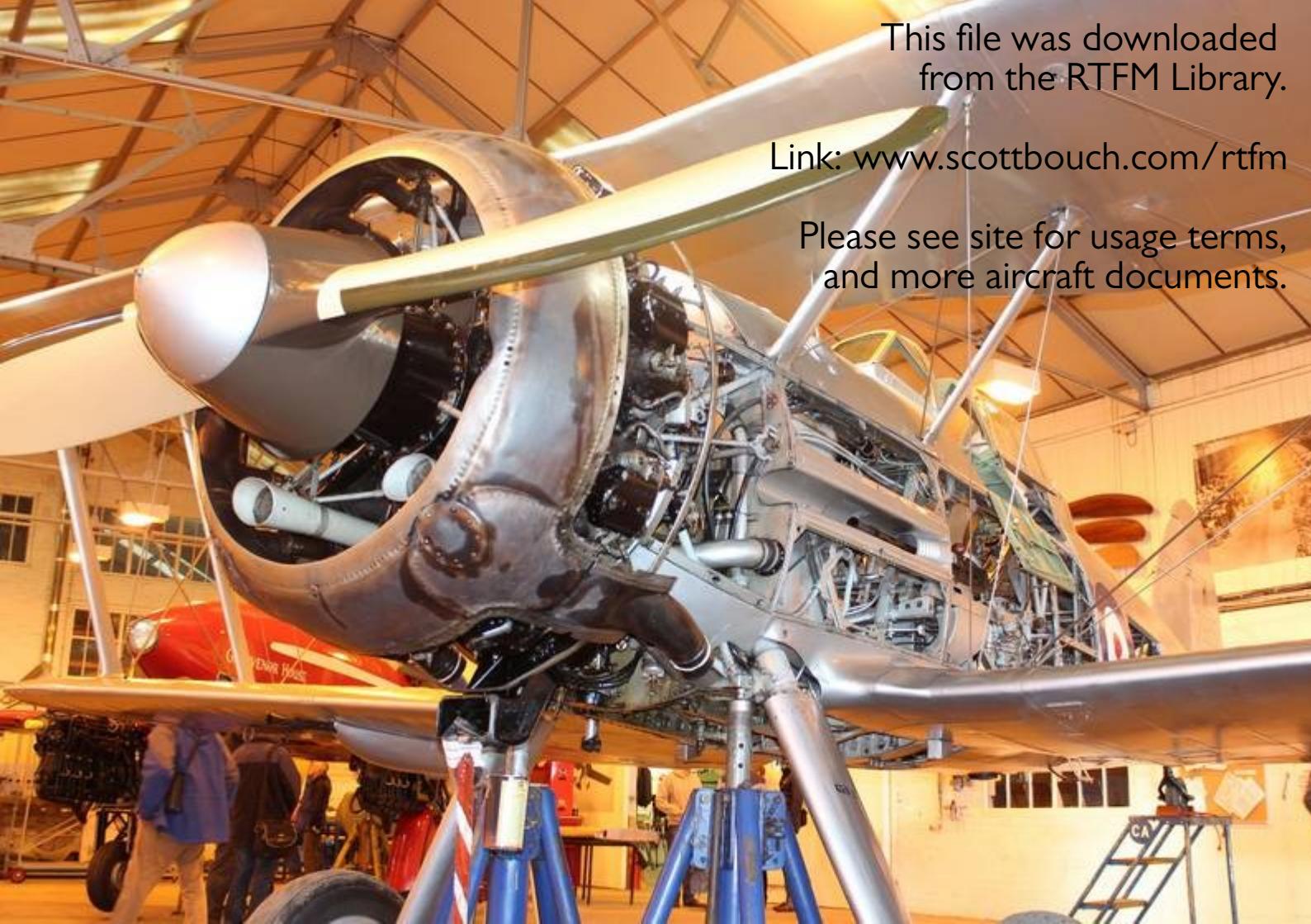


FIG. I SERVICING LAMPS

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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