

CHAPTER 1

ELECTRICAL SYSTEM

LIST OF SERVICES

Group	
	GENERAL INFORMATION - A
System details	A.1
Removal of junction boxes, panels and shelves	A.2
Location of equipment... ..	A.3
	POWER SUPPLY SERVICES - B
Generators and batteries (Code GA)...	B.1
	ENGINE SERVICES - C
Engine starting (Code SA)	C.1
Fire warning and extinguisher (Code FW and FE)	C.2
Tank pumps, failure warning and pressure refuelling (Code BP, PF and PR)	C.3
Engine anti-icing (Code EA)	C.4

Introduction

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.

Group	
Fuel filter de-icing (Code EFD) ..	C.5
Explosion suppression system (Code EX) (pre Mod.1271 only) ...	C.6
	FLYING SERVICES - D
Rudder and aileron trim controls (Code R and A)	D.1
Elevator and aileron power controls (Code PE and PA)	D.2
Tail plane control (Code T)	D.3
Flap control (Code F)	D.4
Hood control (Code HC)	D.5
Cabin pressurization and temperature control (Code CP)	D.6
Alighting gear and air brake control (Code UC and AB)	D.7
Parachute brake (Code TC) ..	D.8
Autostabilizer (Code AS) (pre Mod.1026 only)	D.9

Illustrations showing the removal of the major junction boxes and panels, together with a master index of all the components 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

INSTRUMENT SERVICES - E

A.C. supplies (Code CH)	E.1
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LIGHTING SERVICES - F

Cabin lighting (Code M)	F.1
Navigation lamps (Code N)	F.2
Service lamps (Code L)	F.3

ARMAMENT SERVICES - G

Armament supplies and control (Code GF, GV, BR, BF, BJ, RP, GS and TT)	G.1
Target towing (Code TT)	G.2

RADIO AND RADAR SERVICES - H

Radio and radar supplies (Code RT, RC, DM, IF and RS) ...	H.1
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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.



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