

CHAPTER 1

ELECTRICAL SYSTEM

LIST OF SERVICES

GENERAL INFORMATION – A		Group		Group		Group	
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 S and 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					
Fuel filter de-icing (Code EFD)	...	C.5					
Explosion suppression system (Code EX)(pre Mod. 1271 only)		C.6		►		INSTRUMENT SERVICES – E	
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			
Auto stabilizer (Code AS)	...	...	...	D.9			
Photographic reconnaissance cameras (Code FR)	...	...	...	D.10			
A.C. supplies (Code CH)		E.1		►		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, GH, DT, and CG)		G.1	►				
Target towing (Code TT)	...	...	...	G.2			
RADIO SERVICES – H							
Radio and radar supplies (Code RT, VR, RC and IF)	...	H.1					

Introduction

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

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 Chapter and Chapter 2 (Instrument Installation) will no longer apply due to the new A.P. coding system. A general revision of these Tables will be made in due course. ►



The P/Q Family

WHY
"P/Q"?

The P/Q family of Masks

