

## CHAPTER 1

## ELECTRICAL SYSTEM

## LIST OF SERVICES

Group		Group		Group	
<b>GENERAL INFORMATION – A</b>		<b>EXPLOSION SUPPRESSION SYSTEM</b>		<b>INSTRUMENT SERVICES – E</b>	
<i>System details</i> ... ..	A.1	◀ (Code EX) (pre Mod. 1271 only)	C.6 ▶	A.C. supplies (Code CH) ... ..	E.1
<i>Removal of junction boxes,</i>		<b>FLYING SERVICES – D</b>		<b>LIGHTING SERVICES – F</b>	
<i>panels and shelves</i> ... ..	A.2	<i>Rudder and aileron trim controls</i>		<i>Cabin lighting (Code M)</i> ... ..	F.1
<i>Location of equipment</i> ... ..	A.3	(Code R and A) ... ..	D.1	<i>Navigation lamps (Code N)</i> ... ..	F.2
<b>POWER SUPPLY SERVICES – B</b>		<i>Elevator and aileron power controls</i>		<i>Service lamps (Code L)</i> ... ..	F.3
<i>Generators and batteries (Code GA)</i>	B.1	(Code PE and PA) ... ..	D.2	<b>ARMAMENT SERVICES – G</b>	
<b>ENGINE SERVICES – C</b>		<i>Tail plane control (Code T)</i> ... ..	D.3	<i>Armament supplies and control</i>	
◀ <i>Engine starting (Code S and SA)</i> ...	C.1 ▶	<i>Flap control (Code F)</i> ... ..	D.4	(Code GF, GV, GH, DT, and CG)	G.1 ▶
<i>Fire warning and extinguisher</i>		<i>Hood control (Code HC)</i> ... ..	D.5	<i>Target towing (Code TT)</i> ... ..	G.2
(Code FW and FE) ... ..	C.2	<i>Cabin pressurization and temperature</i>		<b>RADIO SERVICES – H</b>	
<i>Tank pumps, failure warning and</i>		<i>control (Code CP)</i> ... ..	D.6	<i>Radio and radar supplies</i>	
<i>pressure refuelling</i>		<i>Alighting gear and air brake control</i>		(Code RT, VR, RC and IF) ... ..	H.1
(Code BP, PF and PR) ... ..	C.3	(Code UC and AB) ... ..	D.7		
<i>Engine anti-icing (Code EA)</i> ... ..	C.4	<i>Parachute brake (Code TC)</i> ... ..	D.8		
<i>Fuel filter de-icing (Code EFD)</i> ...	C.5	<i>Auto stabilizer (Code AS)</i> ... ..	D.9		
		<i>Photographic reconnaissance</i>			
		<i>cameras (Code FR)</i> ... ..	D.10		

**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 routing 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. ▶





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