

## CHAPTER 1

## ELECTRICAL SYSTEM

	Group
<b>GENERAL INFORMATION - A</b>	
<i>System details</i> ... ... ... ...	A 1
<i>Removal of junction boxes, panels and shelves</i> ... ... ... ...	A 2
<i>Location of equipment</i> .. ... ...	A 3
<b>POWER SUPPLY SERVICES - B</b>	
<i>Generators and batteries</i>	
( <i>Code GA</i> )... ... ... ...	B 1
<b>ENGINE SERVICES - C</b>	
<i>Engine starting</i> ( <i>Code SA</i> ) ... ...	C 1
<i>Fire warning and extinguisher</i> ( <i>Code FW and FE</i> ) ... ... ...	C 2
<i>Tank pumps, failure warning and pressure refuelling</i> ( <i>Code BP, PF and PR</i> ) ... ... ...	C 3
<b>Introduction</b>	
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 covering the system as a whole and embodying system wiring details, identification and general servicing of the components.	

## LIST OF SERVICES

	Group		Group																																				
<i>Engine anti-icing</i> ( <i>Code EA</i> ) ... ...	C 4	<b>INSTRUMENT SERVICES - E</b>																																					
<i>Emergency fuel pump</i> ( <i>Code EF</i> ) ... ...	C 5	<b>FLYING SERVICES - D</b>		<b>LIGHTING SERVICES - F</b>		<i>Rudder and aileron trim controls</i> ( <i>Code R and A</i> ) .. ... ... ...	D 1	<i>Elevator and aileron power controls</i> ( <i>Code PE and PA</i> ) ... ...	D 2	<i>Cabin lighting</i> ( <i>Code M</i> ) ... ... ...	F 1	<i>Tail plane control</i> ( <i>Code T</i> ) . ... ...	D 3	► <i>Navigation and anti-collision lamps</i> ( <i>Code N</i> ) ... ... ... ...	F 2	<i>Flap control</i> ( <i>Code F</i> )... ... ...	D 4	<i>Service lamps</i> ( <i>Code L</i> ) ... ...	F 3	<i>Hood control</i> ( <i>Code HC</i> ) ... ... ...	D 5	<i>Nose lamp installation</i> ( <i>Code HL</i> ) ...	F 4	<i>Cabin pressurization and temperature control</i> ( <i>Code CP</i> ) ... ... ... ...	D 6	<b>ARMAMENT SERVICES - G</b>		<i>Armament supplies and control</i> ( <i>Code GF, BR, BF, BJ, RP, JG and CG</i> ) ... ... ... ...	G 1	<i>Alighting gear and air brake control</i> ( <i>Code UC and AB</i> ) ... ...	D 7	<b>RADIO SERVICES - H</b>		<i>Radio and radar supplies</i> ( <i>Code RT and IF</i> )... ... ... ...	H 1	<i>Arresting hook control</i> ( <i>Code AG</i> ) ...	D 8	<i>Photographic reconnaissance cameras</i> ( <i>Code FR</i> ) ... ... ... ...	D 9
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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.

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