

Appendix I

Updates : 03 oct 2001 4-Oct-01

DC, MD and 717 Models	E.S.P.M	S.W.P.M	HWG 7	Tracey	Dennis	Bombardier	Embraer	SAAB	Dassault
?	LEP	LEP			minimum content	?	?		?
?	(in 20-00-00)	CROSS-REFERENCE INDEX				?	?		?
Manual Breakdown Index (MBI)									
Safety Practices									
?	20-1X-XX	20-00-00	Design standards - explanations	inspection	safety practices	?	?	safety practices	?
Rules & practices associated with Design and/or implementation									
Wiring procedures 20-10-00	Title + 20-2X-XX etc	Installation of wires 20-1X-XX			identification coding	?	?	Wires Maintenance	?
Wiring procedures 20-10-01	Title + 20-3X-XX etc	Installation of wires 20-10-11			routing	?	?	Practices	?
Flight guidance sys 20-11-00	Title + 20-4X-XX etc	Wire harness supports 20-10-12				?	?		?
etc	Title + 20-5X-XX etc	Wire separation 20-10-19				?	?		?
		Fiber optic cable 20-12-11				?	?		?
		etc				?	?		?
Wiring components Processes									
Shield. Maint Pract 20-10-02	Title + 20-2X-XX etc	Install. of Shrink sleeves 20-10-14	wording TBD	repairs	R/I of wiring system components	?	?	Connection	?
Soldering Procedur 20-10-05	Title + 20-3X-XX etc	Termination cable shields 20-10-15			Assembly/dis. Of WSC	?	?	Description	?
Heat shrink tubing 20-10-06	Title + 20-4X-XX etc	Heat-shrink fittings 20-10-16			tooling	?	?		?
etc	Title + 20-5X-XX etc	Install. Zippertubing 20-10-17			marking eg of cables	?	?		?
		Install. Sleeves on wiring 20-10-18				?	?		?
		Install. Press Bulk. Seals 20-10-20				?	?		?
		Pwr feeder raceway seal 20-10-21				?	?		?
		Assembly ..AIDS, Firewall 20-14-51				?	?		?
		etc				?	?		?
Rules and practices pertaining to Maintenance									
Wire Splice Maint 20-10-03	Title + 20-2X-XX etc	Maintenance criteria standards > / r	wording TBD	?	(includes Repair, inspection, cleaning, testing, Line operation procedures				
Coil & stow Maint 20-10-04	Title + 20-3X-XX etc	Repair elec wire/harness 20-10-13			inspection limits	?	?	Wires Maintenance	?
etc	Title + 20-4X-XX etc	Repair flex elec conduits 20-10-91				?	?	Practices	?
	Title + 20-5X-XX etc	Repair Prim Flight ctl wire 20-14-11				?	?		?
		etc				?	?		?
		Cleanings				?	?		?
		inspection criteria				?	?		?

FLOWCHARTS / STATE DIAGRAMS / GENERIC SPM CONCEPT TREE
See Tfguide1.xls

DC, MD and 717 Models	E.S.P.M	S.W.P.M			Bombardier	Embraer	SAAB	Dassault
20-00-00 GENERAL	20-00-00 GENERAL	20-00-00 SAFETY-PRACTICES				20-00-00 Std Pract. Descriptio		
20-1X-XX WIRING PROCEDURES	20-1X-XX SAFETY PRACTICES	20-1X-XX INSTALLATION OF ELECTRICAL WIRES AND WIRES HARNESSSES				20-10-00 Safety Practices - Maint. Practices	20-10-00 Standard Practices - Safety Precautions	
20-2X-XX TERMINATIONS	20-2X-XX STANDARD TOOLS	20-2X-XX ELECTRICAL BONDS AND GROUND				20-21-00 Wiring repair	20-20-00 Wires Maintenance Practices	
20-3X-XX ELECTRICAL CONNECTORS	20-3X-XX STANDARD RULES AND RECOMMENDATIONS	20-3X-XX INSTALLATION OF ELECTRICAL WIRE TERMINALS					20-30-00 Connection Description	
20-4X-XX BUSES	20-4X-XX STANDARD ELECTRICAL ITEMS AND CONNECTING PARTS	20-4X-XX ASSEMBLY OF SOLDERED ELECTRICAL CONNECTIONS						
20-5X-XX BONDING AND GROUNDING	20-5X-XX MAINTENANCE PROCESSES	20-5X-XX ASSEMBLY OF COAX CONNECTORS				20-50-00 Elect. Connectors		
20-6X-XX CIRCUIT BREAKERS	-	20-6X-XX ASSEMBLY OF						

		CONNECTORS CONTACTS UNDER SPECIAL CONDITIONS							
20-7X-XX FIRE DETECTION CONNECTORS	-	20-7X-XX ASSEMBLY OF ITT CANNON DPX, DPD, AND DPA SERIES CONNECTORS							
-	-	20-8X-XX ASSEMBLY OF 10-60450 FRONT RELEASE PLUG-IN RELAY SOCKETS							
-	-	20-9X-XX ASSEMBLY OF BACM15C AND BURNDY YHLZD-() AND YHLZR-() TERMINAL BLOCK MODULES							

DC, MD and 717 Models	E.S.P.M	S.W.P.M				Bombardier	Embraer		Dassault
20-00-00 GENERAL	20-00-00 GENERAL	20-00-00 SAFETY-PRACTICES							
20-10-00 WIRING PROCEDURES	20-10-00 SAFETY PRACTICES	20-10-11 INSTALLATION OF ELECTRICAL WIRES AND WIRES HARNESSSES							
20-10-01 WIRING PROCEDURES	-	20-10-12 WIRE HARNESS SUPPORTS							
20-10-02 SHIELDING-MAINTENANCE PRACTICES	-	20-10-13 REPAIR OF ELECTRICAL WIRE AND COAX CABLE							
20-10-03 WIRE SPLICING MAINTENANCE PRACTICES	-	20-10-14 INSTALLATION OF SHRINKABLE SLEEVES							
20-10-04 COIL AND STOW MAINTENANCE PRACTICES	-	20-10-15 TERMINATION OF CABLE SHEILDS							
20-10-05 SOLDERING PROCEDURES MAINTENANCE PRACTICES	-	20-10-16 HEAT SHRINKABLE FITTINGS							
20-10-06 HEAT SHRINKABLE TUBING-MAINTENANCE PRACTICES	-	20-10-17 INSTALLATION OF ZIPPERTUBING							
20-11-00 FLIGHT GUIDANCE SYSTEM	-	20-10-18 INSTALLATION OF SLEEVES ON WIRING							
-	-	20-10-19 WIRE SEPARATION							
-	-	20-10-20 INSTALLATION OF PRESSURE BULKHEAD SEALS							
		20-10-21 POWER FEEDER WIRE HARNESS RACEWAY SEAL							
		20-10-91 REPAIR OF							

		FLEXIBLE ELECTRICAL CONDUITS							
		20-11-11 ARINC 629 DATA BUS							
		20-12-11 S280W701-() FIBER OPTIC CABLE ASSEMBLIES							
		20-14-11 REPAIR OF PRIMARY FLIGHT CONTROL SYSTEM WIRE HARNESSSES							
		20-14-51 ASSEMBLY OF THE FLIGHT RECORDER-AIDS WIRE HARNESS WITH A BACC63AF() FIREWALL CONNECTOR							