

DMC2005 WIRING SYSTEM SERVICE KIT

For the Sikorsky CH-148 Cyclone



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Sikorsky CH-148 Cyclone, have complicated electrical wiring systems containing many different connectors, contacts and terminals, the repair of which require precision tools.

It is not a cost effective use of the time of your technical staff to start from scratch and try to become intimately knowledgeable about which precision tools must be used to repair each electrical connector, contact and terminal when DMC has already performed this task for the Sikorsky CH-148 Cyclone.

AOG TIME CONSTRAINTS. Once the aircraft becomes inoperable because of a connector failure, it is imperative to be able to replace the connector, contact or terminal as quickly as possible to avoid revenue loss due to AOG. The DMC2005 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Sikorsky CH-148 Cyclone in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the Sikorsky CH-148 Cyclone and has identified the most common tools required to maintain the electrical connectors. DMC has cross referenced tools to the connectors, contacts and terminals eliminating costly and time-consuming research which would otherwise have to be performed by your local technicians.

IMMEDIATE AVAILABILITY OF TOOLS AND TECHNICAL INFORMATION. The DMC2005 kit contains the tooling to connector, contact and terminal cross reference information which indicate the particular tool(s) that should be selected to repair a specific connector, contact, or terminal. In addition, the kit also contains illustrated operating instructions for the required tooling.

ALL IN ONE. Since these tools, together with their operating instructions, are contained in a single kit, the connector repair can be made in the shortest time possible, thus permitting a rapid return of your aircraft to service. Tool kit supplied in 2 environmentally sealed Polypropylene Copolymer cases and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.



Actual Kit may vary from example shown.


















DMC2005

DMC DANIELS
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DMC2005 TOOL AND ACCESSORY LIST		
	9	Crimp Tools
	3	Turret Heads
	11	Positioners
	3	Single Position Heads
	6	Die Sets
	11	Metal Insertion Tools
	14	Metal Removal Tools
	50	Plastic Ins/Rem Tools
	4	Contact gages
	3	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	2	Wire Strippers
	3	In-Service Inspection Gages
	1	Die Removal Tool
	1	Hex Wrench
	1	Wire Harness Spoon
	4	Coaxial Cable Strippers
	1	Cable Tie Tool
	1	Tie Wrap Tool
	1	Tie Wrap Removal Tool
	1	Holding Fixture
	1	Heat Gun w/ Accessories

DMC2005 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
Amphenol/Aerospace	LJT, PT-CE
Deutsch (TE)	88083
EM & EQ	RF Coaxial
General Connector	GC-329
G & H Technology	BL
ITT Cannon	DPX
Nexus	Audio Plugs
Radiall	DSXN, EPX
TE	Amplimite
Trompeter	RF Coaxial
AS81714	Terminal Junctions
MIL-DTL-24308	D-SUB
MIL-DTL-26482	1, 2
MIL-DTL-38999	1, 2, 3
MIL-C-5015	3450
MIL-DTL-81659	ARINC 404
MIL-DTL-83723	3
MS20659	Non-Insulated Terminals
MS25036	Insulated Terminals
MIL-S-81824	Environmental Splices

NOTICE: Unless otherwise stated by DMC; tools contained in this kit have been selected based upon their suitability to service the related connector or contact indicated. Military Standard tools have been utilized wherever possible. These tools are not necessarily the production tools used to manufacture the aircraft and therefore, these tools may or may not correspond to the tools listed in the OEM wiring manual and/or the Chapter 20 Standard Wiring Practices Manual list of approved tooling. Verification Is Required.

TOOL KIT CONFIGURATION	
Type of Case	Portable
Number of Cases	2
Color	Yellow
Type of Construction	Polypropylene Copolymer
Application	Sikorsky CH-148 Cyclone
Coverage	Airframe Power Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Silhouetted Tool Cavities