## DMC787 SIKORSKY S70 MAINTENANCE KIT For Electrical Connectors and Wiring Systems



## THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Sikorsky S70, 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 S70.

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**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 loss of mission capability due to AOG. The DMC787 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Sikorsky S70 in the shortest time possible.

## THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the Sikorsky S70 and has identified the most common tools required to maintain the electrical connectors in the Sikorsky S70. DMC has cross referenced these tools to the connectors, contacts and terminals,

eliminating costly and time-consuming research which would otherwise have to be performed by your

electrical technicians.

IMMEDIATE AVAILABILITY OF TOOLS AND TECHNICAL INFORMATION. The DMC787 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the Sikorsky S70. In addition, the DMC787 kit also contains illustrated operating instructions for the required tooling.

ALL IN ONE. Since all of 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 Sikorsky S70 to service.



**DMC787** 



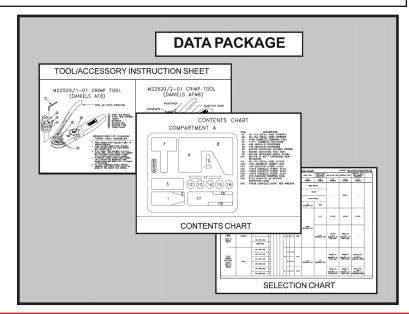
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DMC787 TOOL & ACCESSORY LIST				
	5	Crimp Tools		
	6	Turret Heads		
Q.	17	Positioners		
	8	Metal Insertion Tools		
	13	Metal Removal Tools		
	31	Plastic Ins/Rem Tools		
	4	Contact gages		
a la	1	Unwired Contact Removal Tool w/ Probes		
	1	Wire Cutter		
	2	Wire Strippers		
8	1	Strap Wrench w/ Spare Strap		
Alax.	1	In-Service Inspection Gage		
	1	Die Removal Tool		
Silve .	8	Die Sets		
ON The	1	Hex Wrench		
200	3	Coaxial Cable Stripper		
100	1	Soft Jaw Plier		
	1	Illuminated Magnifier		
44 (4.5)	7	Trim Jigs		
	1	Trim Tool Kit		

TOOL KIT CONFIGURATION		
Type of Case	Portable	
Number of Cases	1	
Color	Yellow	
Type of Construction	Fiberglass/Aluminum	
Application	Sikorsky S70 Helicopters	
Coverage	Airframe Power Connectors	
	Terminals size 12 AWG and Smaller	
	Coaxial Connectors	
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities	

DMC787 CONNECTOR COVERAGE				
MANUFACTURER	SERIES			
MIL-C-24308	Rack & Panel			
MIL-C-26482	Series 1 & 2			
MIL-C-26500	Firewall Connectors			
MIL-C-28804	Rectangular			
MIL-C-38999	Series 1, 2, & 3			
MIL-C-5015	3100, 3450 Series			
MIL-C-81511	Series 3			
MIL-C-81703	Series 1			
MIL-C-83723	Series 3			
MIL-C-83733	Rack & Panel			
MIL-S-81824	Environmental Splices			
MIL-T-7928	Insulated Terminals/Splices			
MIL-T-81714	Terminal Junctions			
Dept. of Defense	ONO89559, 89560, 89561			
Deutsch	Common Termination Series			
ITT Cannon	D*C/D*U, D*M, D*MA, DPAMA, DPK, DPX2MA Series			
Litton-Aero	D-Sub Connectors			
Matrix Science	MRTB Series			
Rockwell International	Thin-Line I			
MIL-C-39012	RF-Coaxial			
Amphenol RF	RF-Coaxial			
Kings Electronics	RF-Coaxial			
Trompeter	RF Twinaxial/Triaxial			

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.



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