

DMC378 WIRING SYSTEM SERVICE KIT

For the SIKORSKY S-76



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Sikorsky S-76, 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 S-76.

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 DMC378 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Sikorsky S-76 in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the Sikorsky S-76 and has identified the most common tools required to maintain the electrical connectors in the Sikorsky S-76. 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 DMC378 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 an environmentally sealed fiberglass case and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.






















DMC378

DMC DANIELS
MANUFACTURING
CORPORATION

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DMC378 WIRING SYSTEM SERVICE KIT

For the SIKORSKY S-76

DMC378 TOOL AND ACCESSORY LIST		
	5	Crimp Tools
	11	Positioners
	4	Turret Heads
	6	Die Sets
	1	Single Position Head
	1	Universal Turret Head
	1	Universal Positioner
	1	In-Service Inspection Gage
	9	Metal Insertion Tools
	12	Metal Removal Tools
	75	Plastic Ins/Rem Tools
	4	Contact gages
	3	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	2	Wire Strippers
	1	Die Removal Tool
	1	Hex Wrench
	2	Module Removal Tools
	1	Cable Tie Tool

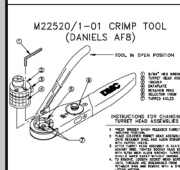
TOOL KIT CONFIGURATION	
Type of Case	Portable
Number of Cases	1
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	Sikorsky S-76
Coverage	Airframe Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities

DMC378 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
MIL-C-24308	Rack & Panel
MIL-C-26482	Series 1
MIL-C-5015	3450 Series
MIL-C-38999	Series 1
MIL-C-81511	Series 3, 4
MIL-C-81703	Series 3
MIL-C-83723	Series 3
MIL-T-7928	Insulated Terminals/Splices
AMP	Ampli-Bond, CPC Series, RF Coaxial
Collins Radio	Thin Line I & II
Deutsch	Common Termination System
ITT Cannon	D*MA Series
Kings Electronics	RF Coaxial
Raychem	Environmental Splices
Ted Mfg.	RF Coaxial

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.

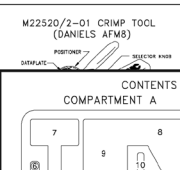
DATA PACKAGE

TOOL/ACCESSORY INSTRUCTION SHEET

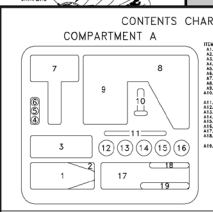


M22520/1-01 CRIMP TOOL (DANIELS AFB)

M22520/2-01 CRIMP TOOL (DANIELS AFB)

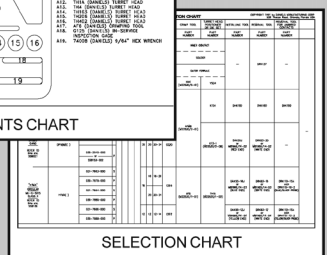


CONTENTS CHART



CONTENTS CHART

SELECTION CHART



Actual Charts and Sheets may vary from examples shown.