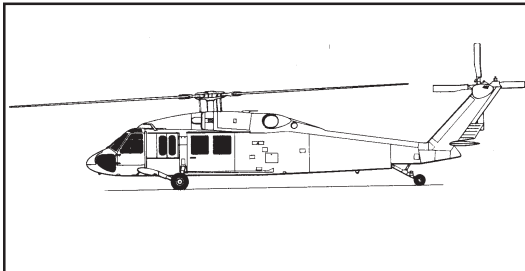


MAINTENANCE KITS

FOR ELECTRICAL CONNECTORS
AND WIRING SYSTEMS



DMC787 for the SIKORSKY S70
NSN 5180-01-296-8895

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.

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 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 wiring manual of 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. Tool kit supplied in an environmentally sealed fiberglass case and includes:
Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool-to-Connector Cross Reference Charts.



Actual Kit may vary from example shown.

DMC DANIELS
MANUFACTURING
CORPORATION

DMC787

DANIELS MANUFACTURING CORP., 526 THORPE ROAD, ORLANDO, FL 32824, USA
PHONE (407) 855-6161 • FAX (407) 855-6884 • WWW.DMCTOOLS.COM • E-MAIL: DMC@DMCTOOLS.COM

DMC787 TOOL AND ACCESSORY LIST

	5	CRIMP TOOLS
	6	TURRET HEADS
	17	POSITIONERS
	3	METAL INSERTION TOOLS
	4	METAL REMOVAL TOOLS
	31	PLASTIC INS/REM TOOLS
	4	CONTACT GAGES
	1	UNWIRED CONTACT REMOVAL TOOLS
	11	PROBES
	5	INSERTION TWEEZERS
	9	REMOVAL TWEEZERS
	1	WIRE CUTTER
	2	WIRE STRIPPERS
	1	STRAP WRENCH
	8	DIE SETS
	1	DIE REMOVAL TOOL
	1	HEX WRENCH
	1	IN-SERVICE INSPECTION GAGE
	1	SOFT JAW PLIER
	3	COAXIAL CABLE STRIPPERS
	1	ILLUMINATED MAGNIFIER
	7	TRIM JIGS
	1	TRIM TOOL KIT

DMC787 CONNECTOR COVERAGE

MANUFACTURER	SERIES
MIL-C-24308	RACK AND PANEL
MIL-C-26482	SERIES 1 AND 2
MIL-C-26500	FIREWALL CONNECTORS
MIL-C-28804	RECTANGULAR
MIL-C-38999	SERIES 1, 2 AND 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 AND 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.

DATA PACKAGE

The data package includes:

- TOOL/ACCESSORY INSTRUCTION SHEET: M22520/1-01 CRIMP TOOL (DANIELS AFB) and M22520/2-01 CRIMP TOOL (DANIELS AFMB).
- CONTENTS CHART COMPARTMENT A: A diagram showing the layout of tools in the kit, numbered 1 through 19.
- TOOL SELECTION CHART: A table for selecting the appropriate tool for various connector types and sizes.

TOOL KIT CONFIGURATION

TYPE OF CASE	PORTABLE
NUMBER OF CASES	1
COLOR	YELLOW
TYPE OF CONSTRUCTION	FIBERGLASS/ALUMINUM
APPLICATION	SIKORSKY S70 HELICOPTERS
COVERAGE	AIRFRAME CONNECTORS, TERMINALS SIZE 12AWG AND SMALLER, AND COAXIAL CONNECTORS
TYPE OF INSERTS	UNICELLULAR POLYETHYLENE FOAM WITH DIE CUT TOOL CAVITIES