



### THE MAINTENANCE PROBLEM...

Modern aircraft, such as the KAMAN SH-2G, 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 KAMAN SH-2G.

**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 mission capability loss due to AOG. The DMC1305 kit supplies your staff with both the information and the tools necessary to make this type of repair to the KAMAN SH-2G in the shortest time possible.

### THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched the wiring manual of the KAMAN SH-2G and has identified the most common tools required to maintain the electrical connectors in the KAMAN SH-2G. 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 DMC1305 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the KAMAN SH-2G. In addition, the DMC1305 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 KAMAN SH-2G to service.



Actual kit may vary from example shown.

Tool kit supplied in 2 environmentally sealed fiberglass cases and includes:  
Name Plate, Foam Pads/Inserts,  
Contents Charts, Instruction Charts,  
and Tool Selection Charts.

**DMC1305**

**DMC** DANIELS  
MANUFACTURING  
CORPORATION

DANIELS MANUFACTURING CORP., 526 THORPE ROAD, ORLANDO, FL 32824, USA  
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# MAINTENANCE KIT FOR KAMAN SH-2G SEASPRITE



## DMC1305 TOOL AND ACCESSORY LIST

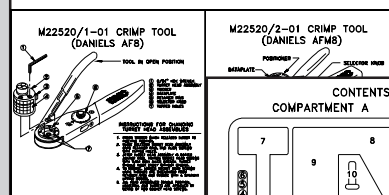
	6	CRIMP TOOLS
	6	TURRET HEADS
	11	POSITIONERS
	4	SINGLE POSITION HEADS
	3	METAL INSERTION TOOLS
	4	METAL REMOVAL TOOLS
	125	PLASTIC INS/REM TOOLS
	4	CONTACT GAGES
	1	UNWIRED CONTACT REMOVAL TOOLS
	7	PROBES
	2	COAXIAL CABLE STRIPPERS
	1	WIRE CUTTER
	5	WIRE STRIPPERS
	1	IN-SERVICE INSPECTION GAGE
	1	DIE REMOVAL TOOL
	10	DIE SETS
	1	HEX WRENCH
	44	ADAPTOR TOOLS
	2	T-HANDLE WRENCHES
	1	STRAP WRENCH

## DMC1305 CONNECTOR COVERAGE

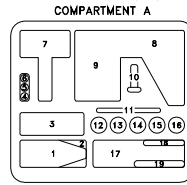
MANUFACTURER	SERIES
AMPHENOL RF	RF COAXIAL
BENDIX	PT SERIES
BURNDY	YAV TERMINALS, YRV SPLICES
G & H TECHNOLOGY	BLB DATA BUS SERIES
ITT CANNON	DPJM SERIES
RAYCHEM	MINI-SEAL SERIES
TROMPETER	RF COAX/TWINAX/TRIAX
WIRE-PRO	ONO89560 SERIES
MIL-C-24308	RACK AND PANEL
MIL-C-26482	SERIES 1 & 2
MIL-C-26500	FIREWALL CONNECTORS
MIL-C-38999	SERIES 1, 2, 3 & 4
MIL-C-39012	RF COAX
MIL-C-5015	3100 & 3450 SERIES
MIL-C-81511	SERIES 1, 2, 3 & 4
MIL-C-83723	SERIES 3
MIL-S-81824	ENVIRONMENTAL SPLICES
MIL-T-7928	INSULATED TERMINALS
MIL-T-81714	TERMINAL JUNCTIONS
MS20659	UNINSULATED TERMINALS & SPLICES
MS25036	INSULATED TERMINALS & SPLICES

## DATA PACKAGE

### TOOL/ACCESSORY INSTRUCTION SHEET



### CONTENTS CHART



### CONTENTS CHART

ITEM	DESCRIPTION	QUANTITY	UNIT
1	UNWIRED CONTACT REMOVAL TOOL	1	PC
2	COAXIAL CABLE STRIPPERS	2	PC
3	METAL INSERTION TOOLS	3	PC
4	SINGLE POSITION HEADS	4	PC
5	WIRE STRIPPERS	5	PC
6	CRIMP TOOLS	6	PC
7	PROBES	7	PC
8	TURRET HEADS	6	PC
9	POSITIONERS	11	PC
10	DIE SETS	10	PC
11	HEX WRENCH	1	PC
12	ADAPTOR TOOLS	44	PC
13	T-HANDLE WRENCHES	2	PC
14	STRAP WRENCH	1	PC
15	CONTACT GAGES	4	PC
16	METAL REMOVAL TOOLS	4	PC
17	WIRE CUTTER	1	PC
18	IN-SERVICE INSPECTION GAGE	1	PC
19	DIE REMOVAL TOOL	1	PC

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13	T-HANDLE WRENCHES	2	PC
14	STRAP WRENCH	1	PC
15	CONTACT GAGES	4	PC
16	METAL REMOVAL TOOLS	4	PC
17	WIRE CUTTER	1	PC
18	IN-SERVICE INSPECTION GAGE	1	PC
19	DIE REMOVAL TOOL	1	PC

### SELECTION CHART

TOOL KIT CONFIGURATION	
TYPE OF CASE	PORTABLE / ENVIRONMENTAL
NUMBER OF CASES	2
COLOR	YELLOW
TYPE OF CONSTRUCTION	FIBERGLASS/ALUMINUM
APPLICATION	KAMAN SH-2G SEASPRITE
COVERAGE	AIRFRAME CONNECTORS, TERMINALS SIZE 12 AWG AND SMALLER, AND COAXIAL CONNECTORS
TYPE OF INSERTS	UNICELLULAR POLYETHELENE FOAM WITH DIE CUT TOOL CAVITIES

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