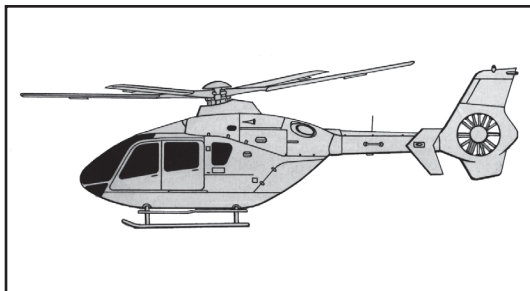


DMC1280 MAINTENANCE KIT

For Electrical Connectors and Wiring Systems



DMC1280 for the Eurocopter EC-135

THE MAINTENANCE PROBLEM...

Modern aircraft, such as the EC-135, 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 EC-135.

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 DMC1280 kit supplies your staff with both the information and the tools necessary to make this type of repair to the EC-135 in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the EC-135 and has identified the most common tools required to maintain the electrical connectors in the EC-135. 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 DMC1280 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the EC-135. In addition, the DMC1280 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 EC-135 to service.



Actual Kit may vary from example shown.

DMC 1280

DMC DANIELS
MANUFACTURING
CORPORATION®

Tool kit supplied in 1 environmentally sealed fiberglass case and includes:
Name Plate, Foam Pads/Inserts,
Contents Charts, Instruction Charts,
and Tool Selection Charts.

DANIELS MANUFACTURING CORP., 526 THORPE ROAD, ORLANDO, FL 32824, USA
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DMC1280 MAINTENANCE KIT

For Electrical Connectors and Wiring Systems

DMC1280 TOOL AND ACCESSORY LIST		
	7	Crimp Tools
	3	Turret Heads
	6	Positioners
	1	Single Positioner Head
	9	Metal Insertion Tools
	9	Metal Removal Tools
	60	Plastic Ins/Rem Tools
	4	Contact gages
	2	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	2	Wire Strippers
	3	In-Service Inspection Gage
	1	Die Removal Tool
	5	Die Sets
	1	Hex Wrench
	1	Universal Head
	1	Universal Positioner

DMC1280 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
Air LB	Terminal Blocks
Eurocopter	Hi-Temp Terminals; EN3545
Deutsch	CTS
Souriau	851 + 8630
Leach	Relays
Raychem	Mini-Seal Series
MIL-C-24308	Rack and panel
MIL-C-26482	Series 1
MIL-C-38999	Series 3
MIL-C-5015	3450 series
MIL-C-83723	Series 3
MIL-S-81824	Environmental Splices
MIL-T-7928	Insulated Terminals
Terminal Junctions	Terminal Junctions
MS20659	Uninsulated Terminals & Splices
MS25036	Insulated Terminals & Splices

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.

TOOL KIT CONFIGURATION	
Type of Case	Portable/Environmental
Number of Cases	1
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	Eurocopter EC-135
Coverage	Airframe Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene
	Foam with Die Cut Tool Cavities

DATA PACKAGE

TOOL/ACCESSORY INSTRUCTION SHEET

M22520/1-01 CRIMP TOOL (DANIELS AFB)

M22520/2-01 CRIMP TOOL (DANIELS AFM8)

CONTENTS CHART

COMPARTMENT A

CONTENTS CHART

SELECTION CHART