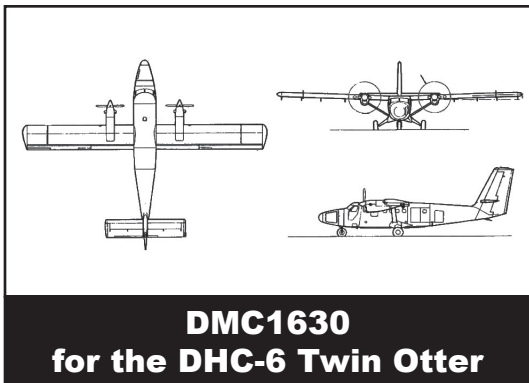


# DMC1630 WIRING SYSTEM SERVICE KIT

## For The DHC-6 TWIN OTTER



### THE MAINTENANCE PROBLEM...

Modern aircraft, such as the DHC-6 Twin Otter, 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 Twin Otter.

**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 DMC1630 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Twin Otter in the shortest time possible.

### THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched the list of connectors for the Twin Otter and has identified the most common tools required to maintain the electrical connectors in the Twin Otter. 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 DMC1630 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the Twin Otter. In addition, the DMC1630 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 Twin Otter to service.

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



Actual Kit may vary from example shown.











**DMC1630**

**DMC** DANIELS  
MANUFACTURING  
CORPORATION<sup>®</sup>

DANIELS MANUFACTURING CORP., 526 THORPE ROAD, ORLANDO, FL 32824, USA  
PHONE (407) 855-6161 • FAX (407) 855-6884 • [www.DMCTools.com](http://www.DMCTools.com) • E-MAIL: [DMC@DMCTools.com](mailto:DMC@DMCTools.com)

# DMC1630 WIRING SYSTEM SERVICE KIT

## For The DHC-6 TWIN OTTER

DMC1630 TOOL AND ACCESSORY LIST		
	3	Crimp Tools
	2	Turret Heads
	1	Positioners
	1	Die Sets
	3	Metal Insertion Tools
	3	Metal Removal Tools
	15	Plastic Ins/Rem Tools
	1	Die Removal Tool
	1	Hex Wrench
	1	Wire Harness Spoon

DMC1630 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
MIL-C-26482	I
MIL-C-81703	II
MIL-C-5015	3100
Amphenol	165
DAGE	RF Coaxial
Deutsch	DM
ITT Cannon	CA-KE, DPX, KPT

TOOL KIT CONFIGURATION	
Type of Case	Portable
Number of Cases	1
Color	Black
Type of Construction	High Impact Copolymer
Application	DHC-6 Twin Otter
Coverage	Airframe Power 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**

Actual Charts and Sheets may vary from examples shown.

NOTICE: Unless otherwise stated by DMC; 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. Verification Is Required.