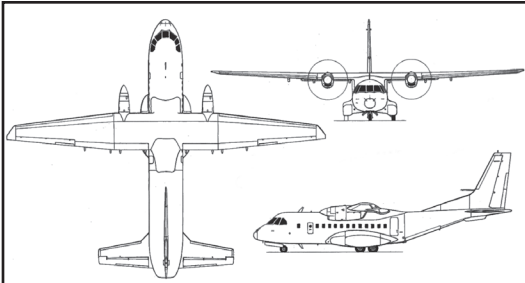


# DMC1871 WIRING SYSTEM SERVICE KIT

## For the HC-144A



### DMC1871 for the HC-144A

#### THE MAINTENANCE PROBLEM...

Modern aircraft, such as the HC-144A, 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 HC-144A.

**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 DMC1871 kit supplies your staff with both the information and the tools necessary to make this type of repair to the HC-144A in the shortest time possible.

#### THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched the list of connectors for the HC-144A and has identified the most common tools required to maintain the electrical connectors. 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 DMC1871 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 2 environmentally sealed fiberglass cases and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.





















## DMC1871

**DMC** DANIELS  
MANUFACTURING  
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# DMC1871 WIRING SYSTEM SERVICE KIT

## For the HC-144A

DMC1871 TOOL AND ACCESSORY LIST		
	6	Crimp Tools
	7	Turret Heads
	12	Positioners
	16	Metal Insertion Tools
	18	Metal Removal Tools
	68	Plastic Ins/Rem Tools
	4	Contact gages
	3	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	3	Wire Strippers
	2	In-Service Inspection Gages
	1	Die Removal Tool
	6	Die Sets
	1	Hex Wrench
	2	T-Handle Wrenches
	1	Strap Wrench
	4	Coaxial Cable Strippers
	35	Adaptr Tools
	1	Soft Jaw Plier

DMC1871 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
AIRBORN	RM
AMP-TYCO	AMPLIMITE, RME, SOLISTRAND
AMPHENOL-BENDIX	418, 48, LJT
DEUTSCH	ADS, DS, FDBA, DBA, TJ, 951, 992
FLIGHT	FC, FH, FZH,
ITT CANNON	D*MA, DPA, DPX*MA, KJL, PVW
J-TECH	JTRJ
LEACH	RELAYS
NEXUS	AUDIO CONNECTORS
PYLE NATIONAL	ZZ
RADIALL	NSXN
ROCKWELL-COLLINS	THIN-LINE
SOCAPEX	LJT, 451, 851, 852, 892
MIL-24308	D-SUB
MIL-C-26482	SERIES 1 & 2
MIL-C-26500	FIREWALL CONNECTORS
MIL-C-38999	SERIES 1, 2, 3, 4
MIL-C-39012	RF COAX
M49142	TRIAx
MIL-C-5015	3400, 3450
RJ45 CAT.5E	4 PAIR-8 PIN

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.

TOOL KIT CONFIGURATION	
Type of Case	Portable
Number of Cases	2
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	HC-144A (Including mission pallet connectors)
Coverage	Airframe Power Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities