THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Bell AH-1S, 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 Bell AH-1S.

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 DMC440 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Bell AH-1S in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the wiring manual of the Bell AH-1S and has identified the most common tools required to maintain the electrical connectors in the Bell AH-1S. 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 DMC440 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the Bell AH-1S. In addition, the DMC440 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 Bell AH-1S 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.
**TOOL KIT CONFIGURATION**

<table>
<thead>
<tr>
<th>Type of Case</th>
<th>Portable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Cases</td>
<td>1</td>
</tr>
<tr>
<td>Color</td>
<td>Yellow</td>
</tr>
<tr>
<td>Type of Construction</td>
<td>Fiberglass/Aluminum</td>
</tr>
<tr>
<td>Application</td>
<td>Bell AH-1S</td>
</tr>
<tr>
<td>Coverage</td>
<td>Airframe Connectors, Terminals size 12AWG and smaller, and Coaxial Connectors</td>
</tr>
<tr>
<td>Type of Inserts</td>
<td>Unicellular Polyethylene Foam with Die Cut Tool Cavities</td>
</tr>
</tbody>
</table>

**DATA PACKAGE**

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.

**DMC440 TOOL AND ACCESSORY LIST**

- **Crimp Tools**: 3
- **Turret Heads**: 5
- **Positioners**: 11
- **Metal Insertion Tools**: 5
- **Metal Removal Tools**: 5
- **Plastic Ins/Rem Tools**: 66
- **Contact Gages**: 4
- **Unwired Contact Removal Tools**: 15
- **Probes**: 11
- **Insertion Tweezers**: 7
- **Removal Tweezers**: 7
- **Wire Cutters**: 1
- **In-Service Inspection Gage**: 1
- **Die Removal Tool**: 1
- **Die Sets**: 7
- **Hex Wrench**: 1
- **Wire Stripers**: 2