

# TCAS ROCKWELL/COLLINS INSTALLATION/SUPPORT

**DMC** DANIELS  
MANUFACTURING  
CORPORATION

## DMC106C ELECTRICAL INTERCONNECT SYSTEMS INSTALLATION AND SUPPORT TOOL KIT

The Federal Aviation Authority has mandated that commercial air transport operators install Traffic Alert and Collision Avoidance Systems (TCAS) in their aircraft. The current schedule requires larger U.S. airlines to complete installation of TCAS II by the end of 1993, and other public transport aircraft to have the TCAS I in place by February 1995.

The complex power and telemetry circuits in this equipment utilize many connectors and termination devices that are not common to other areas of airframe electrical systems. To accommodate this problem, many specialized assembly tools are necessary to support this equipment.

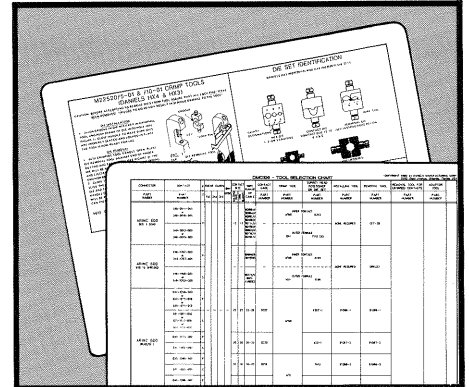
DMC, the world leader in wiring systems support, is continually

working towards the development of tool kits and support materials that are keeping pace with governmental regulations and airframe manufacturers.

In view of the TCAS mandate, DMC has developed a complete line of connector tool kits that will dramatically reduce the time and effort required to install TCAS units. This pertains to all power, coaxial, shielded and antenna systems. This full complement of tools is supported by all the cross reference, tool selection, instructional and reorder documentation required to make it a complete TCAS installation/support kit.

How does a TCAS wiring system support kit benefit the user?

- **Increases reliability**
- **Easy access to information**
- **Reduces tool loss and F.O.D.**
- **Reduces system down time**



Typical instruction and tool selection charts.

**BENDIX**  
**COLLINS RADIO**  
**ELECTRONIC CABLE**  
**SPECIALISTS**  
**ITT CANNON**  
**KINGS ELEC.**  
**SPECIALTY CONN.**  
**MIL-C-26500**  
**MIL-C-26482**  
**MIL-C-39012**

"JT" Series  
"Thin-Line 1" Series  
"TNC"  
"BKAD" (ARINC 600)  
"TNC"  
"TNC"  
Series 1  
"TNC"



### DMC106C Collins TCAS General Tool List

- 4 Crimp Tools
- 3 Positioners
- 2 Turret Heads
- 2 Die Sets
- 4 Metal Installing Tools
- 4 Metal Removal Tools
- 30 Metal/Plastic I/R
- 1 9/64 Hex Wrench
- 1 Die Removal Tool
- 2 Wire Strippers
- 1 Wire Cutter
- 4 Coaxial Cable Strippers

The DMC106C is contained in a metal machinist-type chest with the following: foam pads and inserts, instruction sheets, contents charts, cover sheet and tool selection charts.