

TCAS & WIND SHEAR DETECTION INSTALLATION/SUPPORT KIT

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) and Wind Shear Detection systems in their aircraft.

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 toward the development of tool kits and support materials that are keeping pace with governmental regulations and airframe manufacturers. In view of the TCAS and Wind Shear Detection system mandate, DMC has developed a complete line of connector tool kits that will dramatically reduce the time and effort required to install TCAS and Wind

Shear Detection system 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 and Wind Shear Detection system installation/support kit.

Covers TCAS Systems by:
BENDIX/KING,
ROCKWELL/COLLINS,
HONEYWELL.

And WIND SHEAR DETECTION Systems by:
HONEYWELL,
SUNSTRAND,
SAFE FLIGHT.



This Wiring System Support Kit:

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

Tool kit supplied in 1 three-drawer chest case and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.















Actual Kit may vary from example shown.

DMC106A

DMC **DANIELS**
MANUFACTURING
CORPORATION ®

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TCAS & WIND SHEAR DETECTION INSTALLATION/SUPPORT KIT

DMC106A TOOL AND ACCESSORY LIST		
	4	Crimp Tools
	2	Turret Heads
	6	Positioners
	1	Single Position Head
	5	Metal Insertion Tools
	6	Metal Removal Tools
	36	Plastic Ins/Rem Tools
	1	Wire Cutter
	2	Wire Strippers
	1	In-Service Inspection Gage
	1	Die Removal Tool
	8	Die Sets
	1	Hex Wrench
	4	Coaxial Cable Strippers


DMC106A CONNECTOR COVERAGE	
MANUFACTURER	SERIES
MIL-C-26482	Series 1 & 2
MIL-C-26500	"TNC" Series
MIL-C-39012	"TNC" Series
MIL-C-81659	Series 2
MIL-C-83723	Series 3
AMP	"Arinc 404" Series
Amphenol	"TNC" (MIL-C-Clamp)
Bendix	"JT" Series
Collins Radio	"Thin-Line 1" Series
ECS	"TNC" Series
ITT Cannon	"BKA/SGA," "BKAD," "DPX" Series (Arinc 600)
Kings Electronics	"TNC" Series
Souriau	"S600" (Arinc 600) Series
Tri-Star	"TR" Series

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 Chest
Number of Cases	1
Color	Red
Type of Construction	Steel
Application	TCAS/Wind Shear Detection
Coverage	TCAS/Wind Shear Detection 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



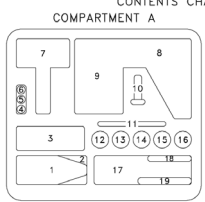
M22520/1-01 CRIMP TOOL (DANIELS AF8)

M22520/2-01 CRIMP TOOL (DANIELS AFM8)

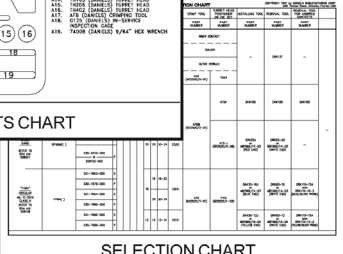
POSITIONER
SELECTOR KNIFE
DATA PLATE

CONTENTS CHART

COMPARTMENT A



CONTENTS CHART



SELECTION CHART