

# MAXCRAFT AVIONICS LTD

## Value Added Services

Laser Wire Marking, Contact or Terminal Crimping,  
Wire Processing, Harness Assembly, & Custom Drafting Services

### Contact

Aircraft Services  
Clarke Paterson  
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Design Services  
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May 2009

### Ask us about our in house laser wire marking and cutting capability featuring the Tri-Star M-100L Laser Based Marking System

- High speed, up to 100fpm
- Utilizes a solid state 355nm UV Laser for printing on almost all aerospace insulations
- Meets Mil-W-5088L & MIL-M-81531
- Qualified per Boeing & Airbus specifications
- High contrast marking which does not rub off
- No indentations, no insulation damage
- Three character sizes and choice of vertical or horizontal
- Accommodates single conductor as well as multiple conductor twisted cables
- Capacity for any aerospace grade wire from 24 to 4 AWG

### We offer marked and cut wire processing to your requirements & we stock most popular wire gauges in the following mil-spec's;

- M25038/1
- M22759/41
- M27500 TG, TE, SP, & SM
- M22759/16
- M22759/43
- Specialty Fuel Cable & Coax

### Wire termination; Terminals, Contacts, Lugs including Hydraulic Power Contact Crimping;

- MIL-T-7928 PIDG terminal and tooling
- M22520/23 high-current machined contact crimping for most wire gauges. Many connectors in stock or available on short order
- Stationary and Portable Hydraulic Crimping for MS90485 (uninsulated) & MS23002 (insulated) dies

### Custom Value Added Work;

- Custom harness fabrication
- Custom Headset Drops Cords
- Harness Banding for EMI/HIRE applications
- MIL-S-45743E Soldering Assembly
- Wiring Diagrams, Installation Drawings including 3D-CAD work for any installation

Maxcraft Avionics is western Canada's largest full service avionics facility. Globally recognized for on-time, on-budget, full service avionics modification design and installation service.

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EQUIPMENT LOCATION & HARNESS ROUTING DIAGRAM