### POWER REQUIREMENT

<table>
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<tr>
<th>UNIT</th>
<th>MINIMUM CURRENT DRAW</th>
<th>MAXIMUM CURRENT DRAW</th>
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<tbody>
<tr>
<td>TFM-1388 TRANSCEIVERS</td>
<td>700 mA</td>
<td>2.0 A</td>
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</tbody>
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### NOTES:

1. All wire AWG MIL-W-22759/24 unless otherwise specified.
2. All cable AWG MIL-C-27500 unless otherwise specified.
3. All jumper wire 22 AWG unless otherwise noted.
4. All coaxial cable AWG MIL-C-177 unless otherwise specified.
5. Perform all work in standard practices of AC 43.13/18/24A or later applicable revision.

- **FUSE HARDWARE**
  - AC 43.13-18 Chapter 7
- **AIRCRAFT ELECTRICAL SYSTEMS**
  - AC 43.13-18 Chapter 11
- **CIRCUIT BREAKERS**
  - AC 43.13-24 Chapter 2
- **ANTENNA INSTALLATIONS**
  - AC 43.13-24 Chapter 3
- **ADJUSTABLE OR RELOCATING INSTRUMENTS**
  - AC 43.13-24 Chapter 11

- **Denotes** MIL-STD-482(4-4) SPACE UNLESS OTHERWISE SPECIFIED.
- **The Memory Up/Down Push Buttons are Optional. Use Eaton P/N 55500 or Equivalent.
- **This Input is for both 28 VDC and 5 VDC Panel Lighting. Use the appropriate voltage in the configuration menu. See Para 2.08 of INSTALL MANUAL.
- **Connect to the appropriate aircraft dimming bus.
- **For alternative audio panels refer to the audio panel installation manual.
- **Use any available space on the 28 VDC bus.
- **Installation location to be instrument panel or pedestal. Refer to TECHNOMIC INDUSTRIES LTD. INSTALLATION & OPERATING INSTRUCTIONS. IL DOCUMENT NO. OBEM598B (TGM-1388) FOR MODELF VARIATIONS.
- **Perform post installation EMI test per TECHNOMIC INSTALLATION & OPERATING INSTRUCTIONS. IL DOCUMENT NO. OBEM598B (TGM-1388) APPENDIX "A".

- **TFM-1388 Model Variants may have provision for second antenna INTERFACE. REFER TO TECHNOMIC INSTALLATION & OPERATING INSTRUCTIONS. IL DOCUMENT NO. OBEM598B (TGM-1388) APPENDIX "A".

- **New wire bundles to be installed with a 2-inch separation wherever possible from existing or other wire bundles. Maintain a 2-inch distance from the aircraft skin attaching to frames or stringers. Use appropriate spacers, standoffs, and cushion clamps. Maintain a minimum 6-inch separation from fuel quantity indicating wiring.

- **The high-pass filter is an optional installation. When used must be installed in a secondary structure and in accordance with TECHNOMIC INSTALLATION & OPERATING INSTRUCTIONS. IL DOCUMENT, Revision B, Issue 2, or later applicable revision.

### AVIONICS DESIGN SERVICES LTD.

**RELEVANT ITEMS**

- **22/12/23**
- **R. DOW**
- **Approved**

**AVIONICS DESIGN SERVICES LTD.**

MILDRED, ONTARIO, CANADA.

**TIL FM TRANSCEIVER INSTALL, BELL 206**

**DATE**

**NO.**

**DRAWING**

**REV**

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