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NOTES:

- 1) ALL WIRE IAW MIL-W-22759/34 UNLESS OTHERWISE SPECIFIED.
- 2) ALL CABLE IAW MIL-C-27500 UNLESS OTHERWISE SPECIFIED.
- 3) ALL JUMPER WIRE 22 AWG UNLESS OTHERWISE NOTED.
- 4) ALL COAXIAL CABLE IAW MIL-C-17 UNLESS OTHERWISE SPECIFIED.
- 5) PERFORM ALL WORK IAW STANDARD PRACTICES OF AC 43.13-1B/2A (OR LATER APPLICABLE REVISION):


| | |
|----------------------------------|------------------------|
| AIRCRAFT HARDWARE | AC 43.13-1B CHAPTER 7 |
| AIRCRAFT ELECTRICAL SYSTEMS | AC 43.13-1B CHAPTER 11 |
| RADIO INSTALLATIONS | AC 43.13-2A CHAPTER 2 |
| ANTENNA INSTALLATIONS | AC 43.13-2A CHAPTER 3 |
| ADDING OR RELOCATING INSTRUMENTS | AC 43.13-2A CHAPTER 11 |


6) DENOTES MIL-S-81824/1-X SPLICE  UNLESS OTHERWISE SPECIFIED.


 THE MEMORY UP/DOWN PUSH BUTTONS ARE OPTIONAL. USE EATON P/N BW9001BB OR EQUIVALENT.

 THIS INPUT IS FOR BOTH 28 VDC AND 5 VAC PANEL LIGHTING. SELECT THE APPROPRIATE VOLTAGE IN THE CONFIGURATION MENU. SEE PARA 2.18 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.

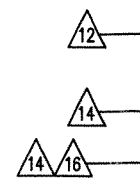
 INSTALLATION LOCATION TO BE INSTRUMENT PANEL OR PEDESTAL. REFER TO TECHNISONIC INDUSTRIES LTD. INSTALLATION & OPERATING INSTRUCTIONS, TIL DOCUMENT No. 08RE398 (TDFM-136B) FOR MODEL VARIATIONS.

13) PERFORM POST INSTALLATION EMI TEST IAW TECHNISONIC INSTALLATION & OPERATING INSTRUCTIONS TIL DOCUMENT No. 08RE398 (TDFM-136B) APPENDIX "A".

 TDFM-136B MODEL VARIANTS MAY HAVE PROVISION FOR SECOND ANTENNA INTERFACE. REFER TO TECHNISONIC INSTALLATION & OPERATING INSTRUCTIONS TIL 08RE398 FOR VARIANTS USING QTY 2 ITEMS 4 AND 6.

15) NEW WIRE BUNDLES TO BE INSTALLED WITH A 2-INCH SEPARATION WHERE 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 IT MUST BE INSTALLED ON A SECONDARY STRUCTURE AND IN ACCORDANCE WITH TECHNISONIC INSTALLATION & OPERATING INSTRUCTIONS TIL 08RE398, REVISION B, ISSUE 2, OR LATER APPLICABLE REVISION.




| QTY | ITEM | PART NUMBER | DESCRIPTION | SPEC | MATERIAL or ALTERNATE P/N |
|-----|------|---------------|---|--------------------------------|---------------------------|
| 1 | 1 | 081252-(-)-() | TDFM-136B VHF FM COMMUNICATIONS TRANSCEIVER | TECHNISONIC INDUSTRIES LIMITED | - |
| 1 | 2 | 949474-1 | IN-150 INSTALLATION KIT | TECHNISONIC INDUSTRIES LIMITED | - |
| 1 | 3 | 7272-11-3 | CIRCUIT BREAKER, 3 AMP | KLIXON | - |
| (1) | 4 | CI-292-3 | VHF ANTENNA 136TO 174 MHZ | COMANT INDUSTRIES | - |
| A/R | 5 | RG-142/U | COAX CABLE | | OR EQUIVALENT |
| 1 | 6 | 133956-1 | HIGH-PASS FILTER | TECHNISONIC INDUSTRIES LIMITED | - |
| 2 | 7 | CBS722 | BNC STRAIGHT CONNECTOR | ECS | OR EQUIVALENT |

POWER REQUIREMENT

| UNIT | MINIMUM CURRENT DRAW | MAXIMUM CURRENT DRAW |
|-----------------------|----------------------|----------------------|
| TDFM-136B TRANSCEIVER | 700 mA | 2.0 A |

| REVISION STATUS | |
|-----------------|----------|
| SHEET | REVISION |
| 01 | A |
| 02 | A |

AVIONICS DESIGN SERVICES LTD
RELEASED

| A | N/C | REVISION | DESCRIPTION |
|---|------------------|----------|-------------|
| ADDED ITEMS 6 & 7 TO BOM. AMENDED NOTE 14. ADDED NOTE 16. | INITIAL RELEASE. | | |
| T. LAFHAMME | R. MACDONALD | DRAWN | |
| 27/11/13 | 12/11/02 | DATE | |
|  | R. GOW | APPROVED | |

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AVIONICS DESIGN SERVICES Ltd.
MIDLAND, ONTARIO, CANADA.

**TIL FM TRANSCEIVER
INSTALL, BELL 206**

SIZE: **B** NEXT HIGHER ASSY: - DRAWING No. **WD12015A1** CAD FILE #WD12015A1
SCALE: NTS **WD12015**

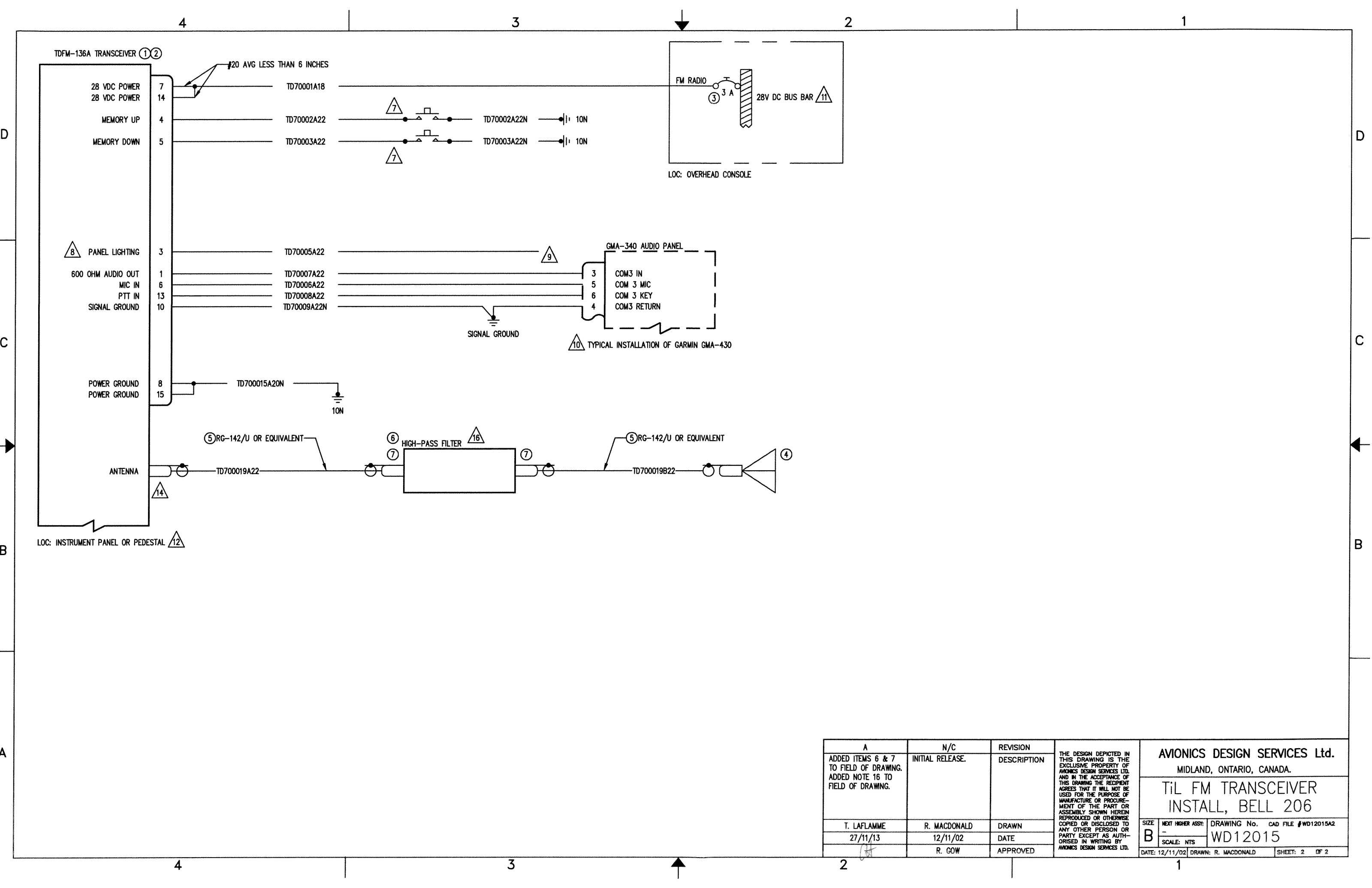
DATE: 06/09/11 DRAWN: R. MACDONALD SHEET: 1 OF 2

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|---|------------------|-------------|--|---|---|
| ADDED ITEMS 6 & 7 TO FIELD OF DRAWING. ADDED NOTE 16 TO FIELD OF DRAWING. | INITIAL RELEASE. | DESCRIPTION | | TiL FM TRANSCEIVER INSTALL, BELL 206 | |
| T. LAFLAMME | R. MACDONALD | DRAWN | | <small>SIZE</small> B <small>SCALE</small> NTS | <small>DRAWING No.</small> WD12015A2 <small>CAD FILE #</small> WD12015A2 WD12015 |
| 27/11/13 | 12/11/02 | DATE | | <small>DATE</small> 12/11/02 <small>DRAWN</small> R. MACDONALD | <small>SHEET</small> 2 OF 2 |