

SECTION C - STATEMENT OF WORK (SOW)

1. Scope of Work

The contractor shall purchase 15 each of part number DAC703SH. The contractor shall fabricate three boards of Circuit Card Assembly, Electronics Unit, P/N 9376196, herein referred to as Circuit Card Assembly (CCA). The CCAs shall use as D/A Converter DAC703SH in place of the existing D/A Converter (P/N 9375999) and shall not use the following components: the Operational Amplifier 9376004, the resistor R77. The contractor is responsible for the qualification verification as described in paragraph 3 of this SOW. The contractor shall reserve a quantity of 11 DAC703SH to be used for White Sands Missile Range Nuclear Hardness test.

2. Applicable Documents

9375999	Microcircuit – 16 Bit, Digital – to – Analog Converter
9376004	Microcircuit, Linear, Quad, Low Noise, Operational Amplifier
9376196	Circuit Card Assembly, Electronics Unit.
9376192	Electronics Unit Assembly
SC12272535	Critical Item Product Fabrication Specification Electronics Unit Assembly.

3. Requirements

The CCAs shall be installed and tested in the Electronics Unit Assembly (P/N 9376192) to the following requirements of SC12272535:

- Para 3.2.1.2 Horizontal Sweep.
- Table IV. Verify Horizontal sweep status, as applicable
- Para 3.2.1.14 Rcvr Bit Test Pattern output

One CCA shall be selected and tested per paragraphs 3.2.1.2 – 3.2.1.15 of SC12272535.