



ROGERS LABS, INC.

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December 8, 2021

Timco Engineering Inc.
849 NW State Road 45
Newberry, FL 32669

Applicant: Trig Avionics Limited
Heriot Watt Research Park, Riccarton
Currie EH14 4AP United Kingdom

Equipment: FCC ID: VZI00882
CORES number: 0017 3590 84

The modifications to the TY91 transmitter board were necessitated by impending exhaustion of life bought stocks of the device used in the final stages of the transmitter. Other changes were made to improve the manufacturing yield and incorporate an off-board filter with an equivalent filter on the transmitter board.

The modified design follows that of the original, but with modern alternatives to the original parts. The structure of the TY91 has not been changed, nor have the materials from which it is constructed. Voltages used in the unit are no higher than in the original, and no new high-impedance nodes been created.

There have been no changes to the other electronic systems.

The modified TY91 meets all the same specifications as the original. It remains electrically and functionally identical to the original and is used in the same application. Should you require any further information, please contact the undersigned.

Thank you for your consideration in this matter.

Sincerely,

Scot Rogers
Rogers Labs, Inc.
Enclosures