August 1, 2003

Timco Engineering Inc.
849 N.W. State Road 45
P.O. Box 370
Newberry, Florida 32669

FCC ID: B2FTALON-V

RE: JOB #: 941UC3-1

Dear Sir:

This letter is in reply to your email dated July 29, 2003 regarding a recent application submittal bearing FCC ID B2FTALON-V.

Item 1
Statement from the manufacturer: "The operator has no control over the frequency. Qualified service or maintenance personnel must remove its cover, using a screwdriver, and remove a jumper to change it from the operating mode to the maintenance mode."

Item 2
Statement from the manufacturer: "Kantronics Talon UDC unit uses 4-level FSK modulation at 4800 baud in a 12.5 kHz channel. Four-level FSK is two bits per symbol, therefore, the data rate is 9600 bits/s. This meets the requirement of 4800 bits/s per 6.25 kHz of channel bandwidth (9600 bits/s per 12.5 kHz channel bandwidth)."

Item 3
Per our conversation the error in the emission masks were in the UHF report and not this report therefore no action is required for this item, however your initial point is noted.

Item 4
99% BW measurements using the 20dB down from the reference method were made and uploaded.

Items 5
THE MPE calculations have been corrected and a new RF exposure data sheet has been uploaded. Duty cycle correction factors were applied based on the averaging time of the transmitter.

Sincerely,

R. Sam Wismer
Engineering Manager/
Radio Approvals Engineer