

April 2016

TROMBONE MTBF Prediction

**The calculations were done according to MIL-STD-217F.*

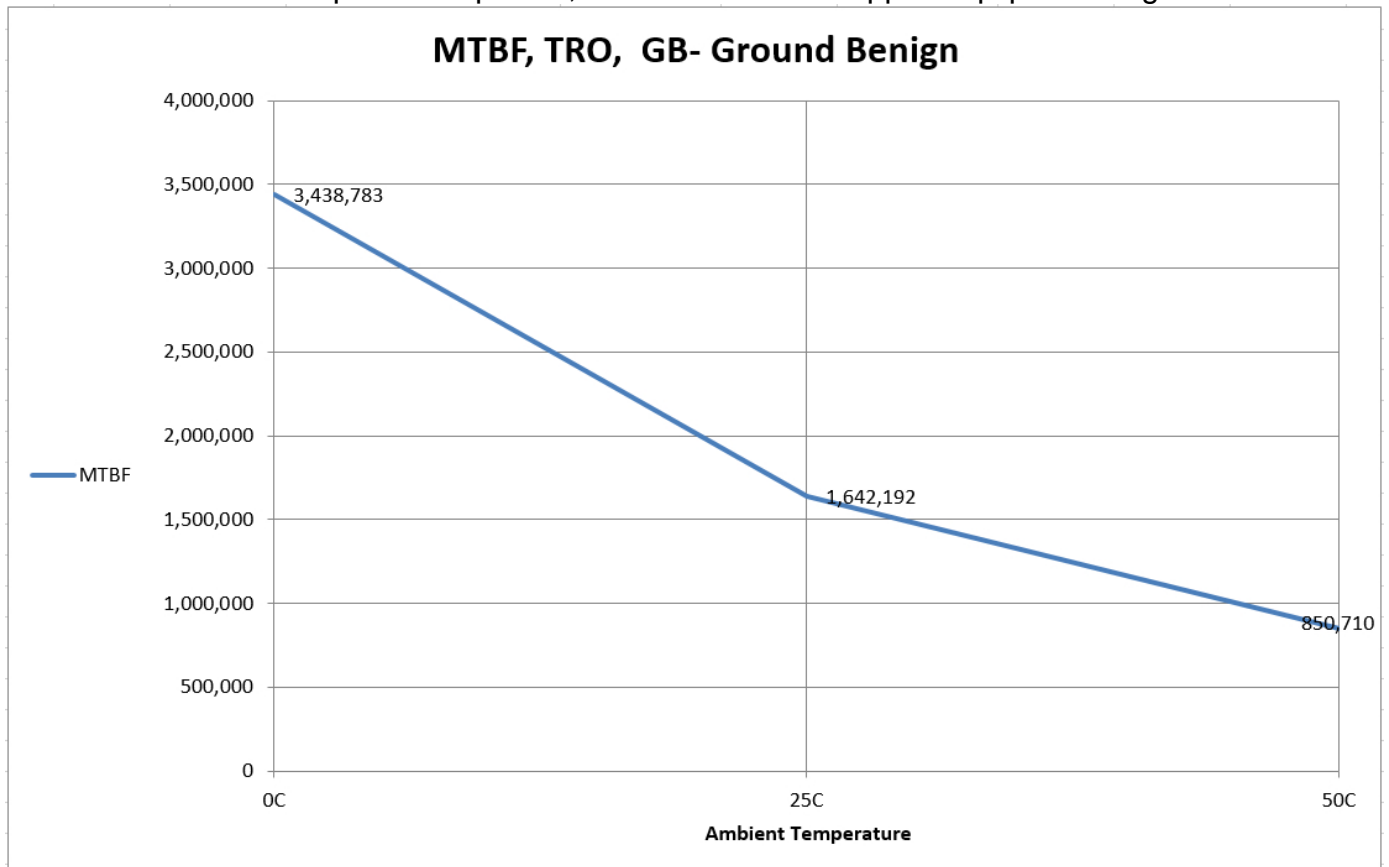
Product: TROMBONE.

Products designated: TRO-XX/YYY_ _ _ _

All the TRO rated XX (current rating) and the YYY (voltage rating) have the same MTBF as they were designed for similar environmental stress.

Environmental conditions: **Ground Benign, GB**

Non-mobile, temperature and humidity controlled environments readily accessible to maintenance; includes laboratory instruments and test equipment, medical electronic equipment, business scientific computer complexes, and missiles and support equipment in ground silos

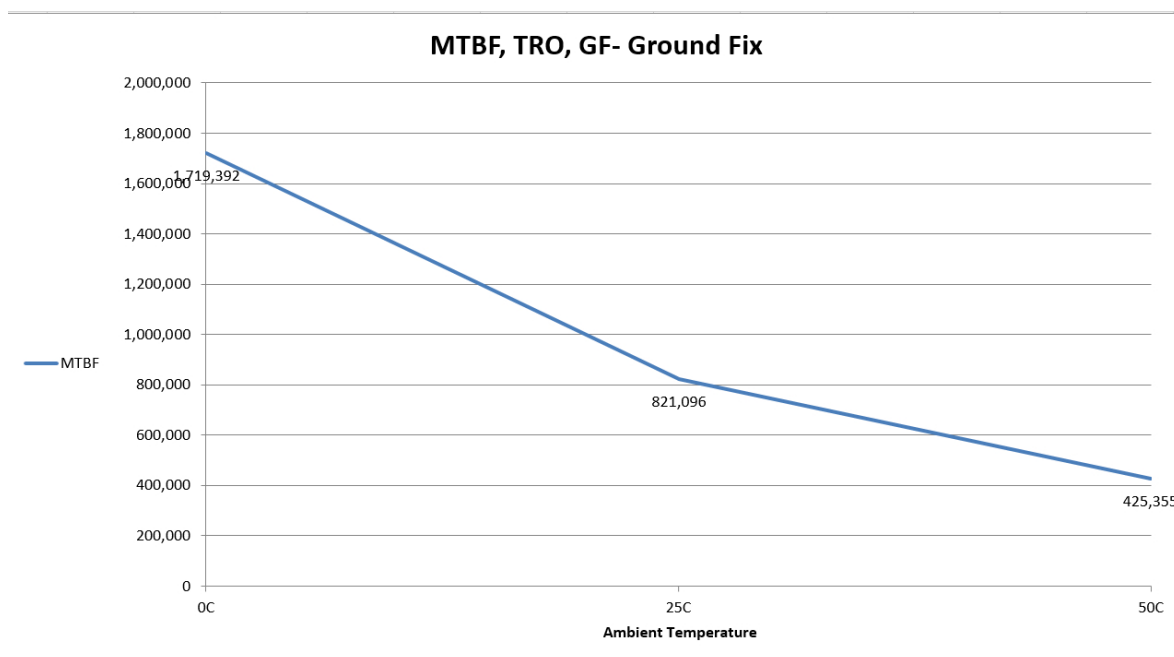


Environmental conditions: **Ground Fix, GF**

Definition of GF:

Moderately controlled environments such as installation in permanent racks with adequate cooling air and possible installation in unheated building; includes permanent installation of air traffic control radar and communications facilities

MTBF calculated in GF environment



Environmental conditions: **Ground Mobile, GM**

Definition:

Equipment installed on wheeled or tracked vehicles and equipment manually transported; includes tactical missile ground support equipment, mobile communications equipment, tactical fire direction Systems, handheld communications equipment, laser designations and range finders.

