

January, 2014
Updated Jan 2015

G-EAG MTBF

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

Product: GOLD-EAGLE.

Products designated: G-EAG_XX/YYY_ (YYY ≤ 200VDC)

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

Case 1:

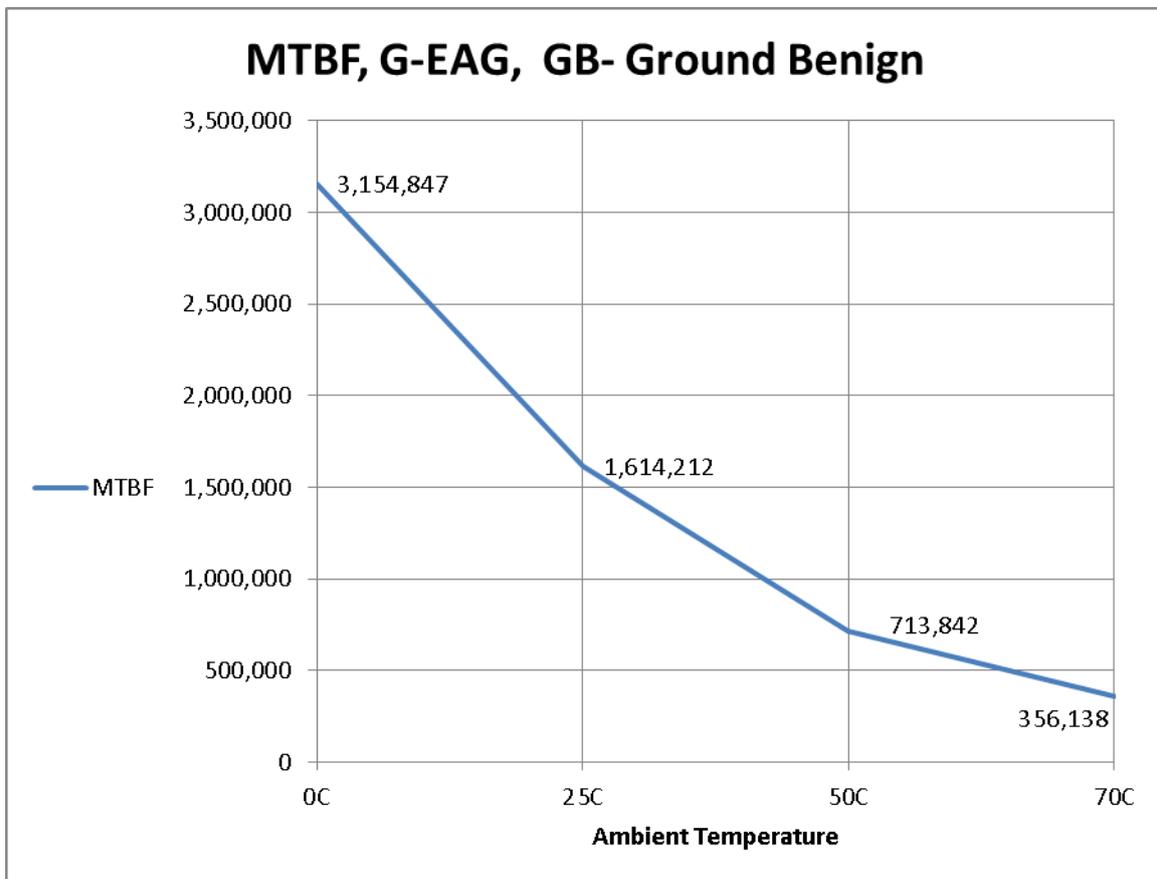
Environmental conditions : Ground, Benign, GB

The conditions of GB are suitable more to the operating environment of medical equipment.

Definition of GB: Environmental conditions : Ground, Benign, GB

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

MTBF calculated in GB environment



Case 2

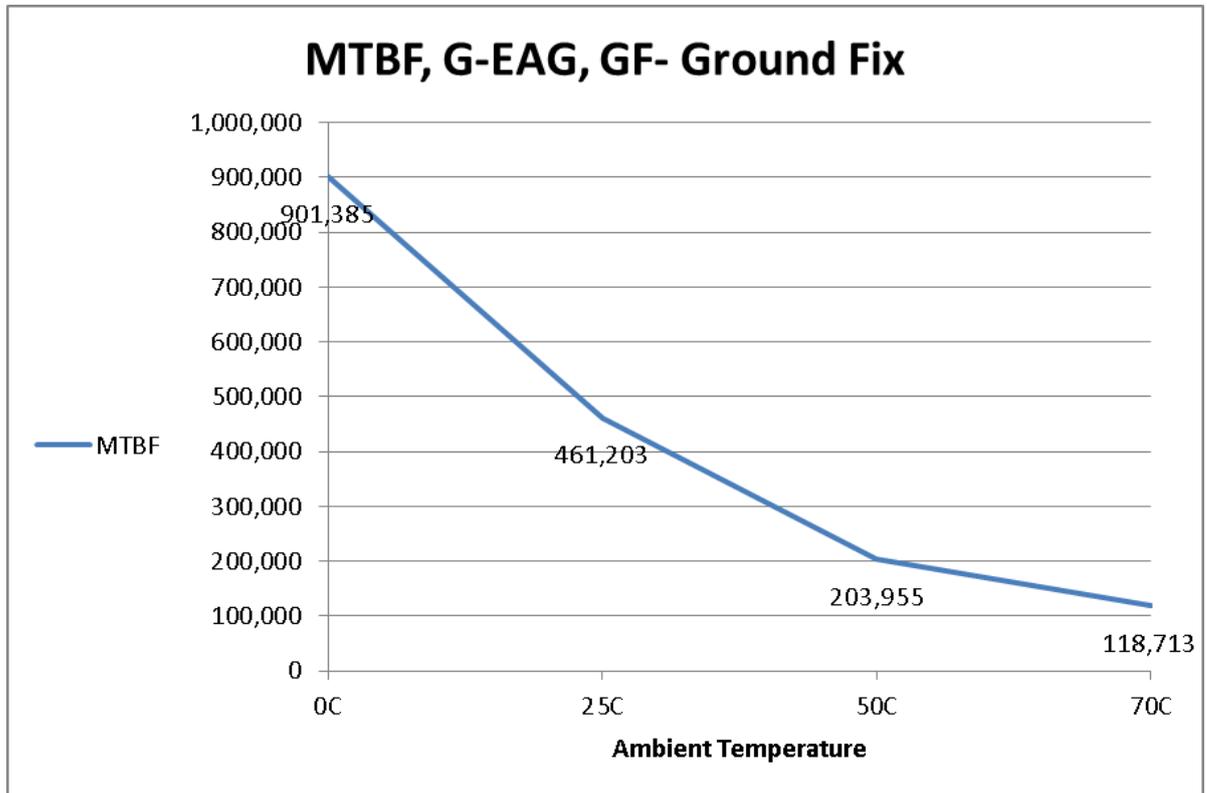
Environmental conditions: **Ground FIX, GF.**

Definition of GF:

Ground, Fixed, 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



Case 3.

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.

MTBF calculated in GM environment

