

January, 2015

G-EAG HV MTBF

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

Product family: GOLD-EAGLE HIGH Voltage.

Products designated: G-EAG_XX/400_ , or G-EAG_XX/800_ ,or G-EAG_XX/900_

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

Case 1:

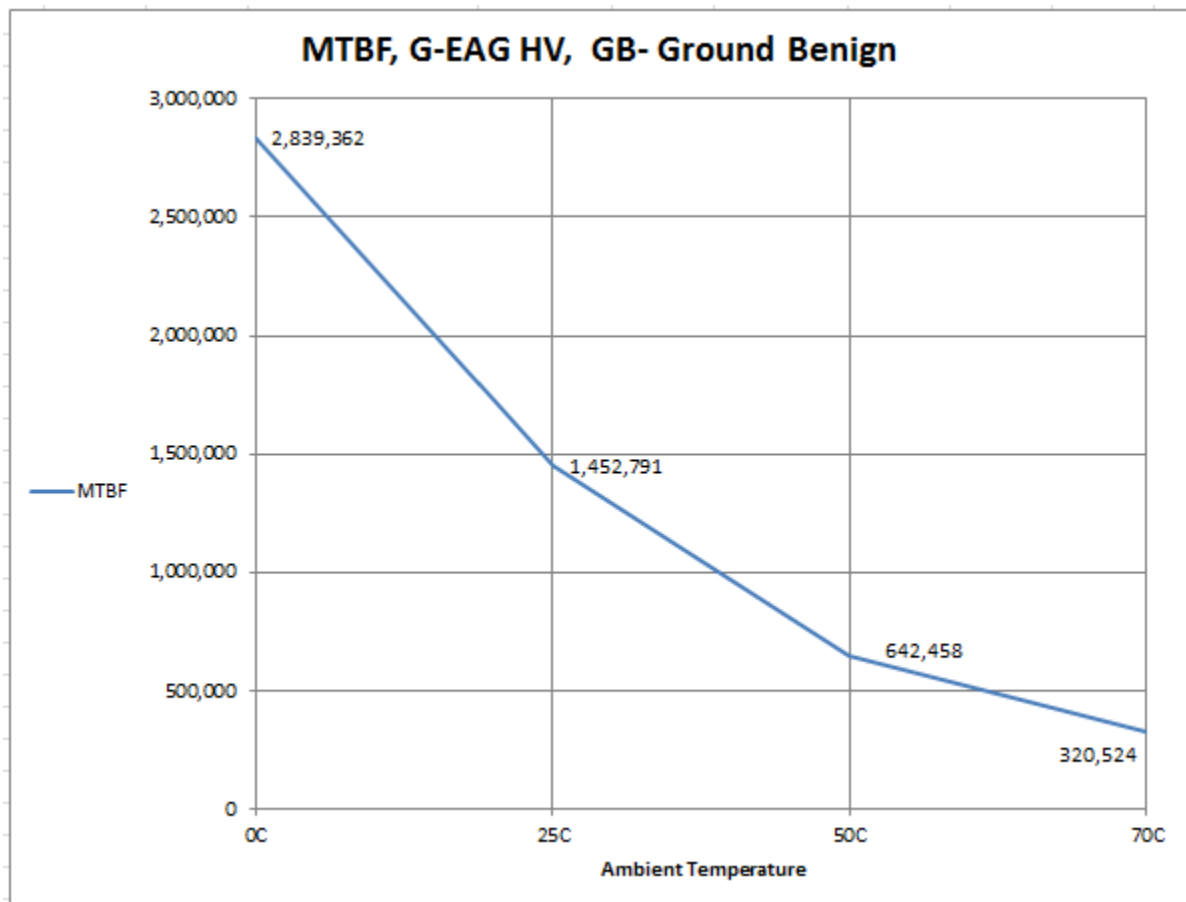
Environmental conditions: **Ground, Benign, GB**

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.

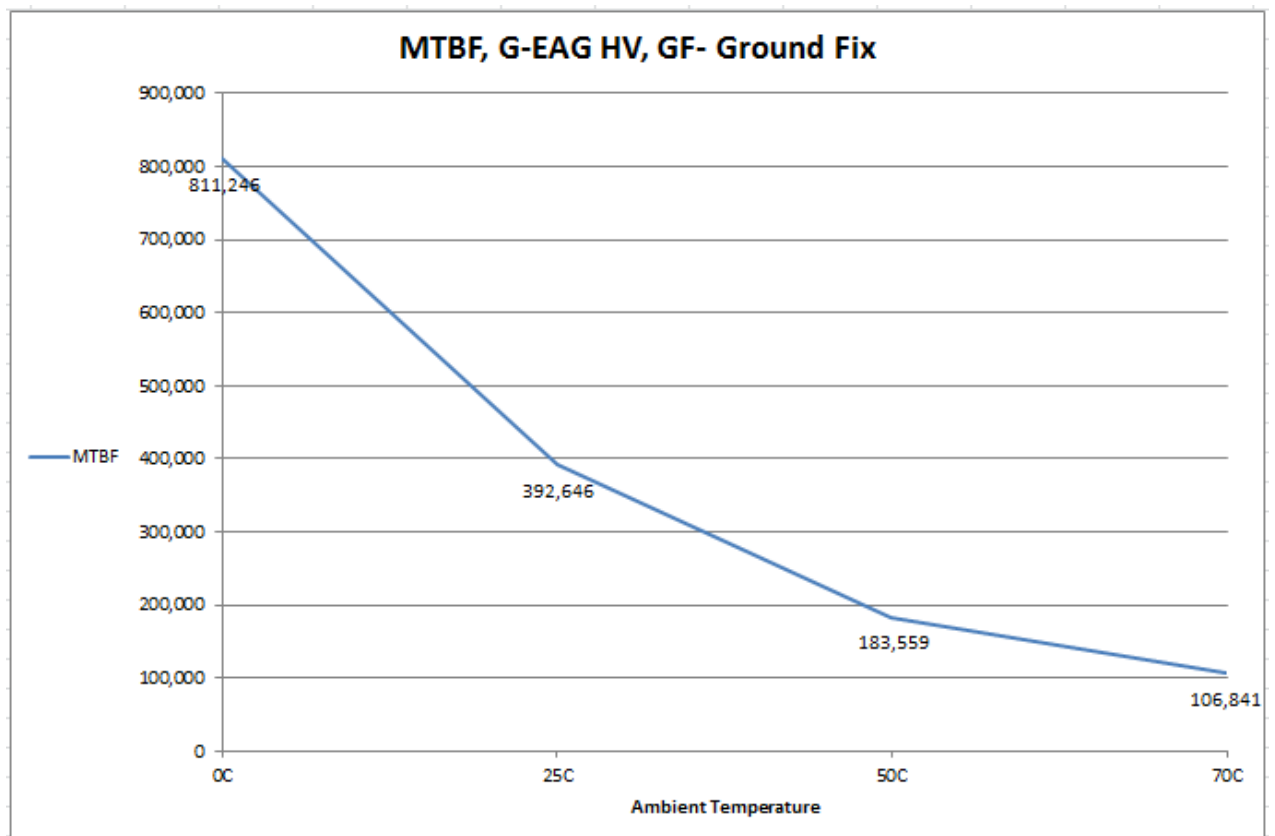
Environmental conditions: **Ground FIX, GF**

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

