

# Mk10 NXG



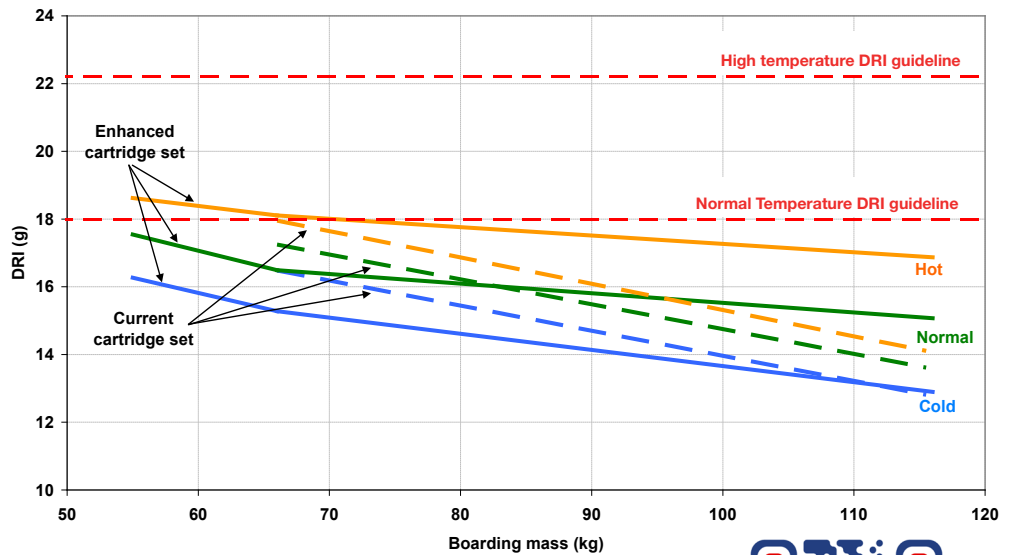
**UPGRADE FOR BAES HAWK,  
EMBRAER EMB-314 & SAAB  
GRIPEN AIRCRAFT**

Originally introduced in 1975, the Mk10 range of ejection seats have been responsible for saving the lives of 937 aircrew. There are still 4,980 Mk10 seat in-service, equipping 2,940 aircraft across 62 operators worldwide.

The purpose of the Next Generation (NXG) upgrade is to further improve the ejection performance of these legacy seats while increasing the aircrew accommodation and mass ranges.

## THE MK10 NXG UPGRADES ARE SUMMARISED AS FOLLOWS:

- ▼ New cartridges that reduce the risk of back injury during ejection. This enables the expansion of the mass range to include lighter aircrew;
- ▼ A new Generation 5 harness for improved restraint to provide a wider accommodation of aircrew sizes;
- ▼ The harness also introduces the patented Head Support Panel (HSP) to reduce the risk of head/neck injury during parachute inflation;
- ▼ New cushions for improved aircrew comfort;
- ▼ Introduction of the Martin-Baker Water Activated Release System (MWARS).



**Ejection performance across boarding range**

