

Mk11 NXG

Ejection Seat Proposed for PC-7 MkX



Key Facts



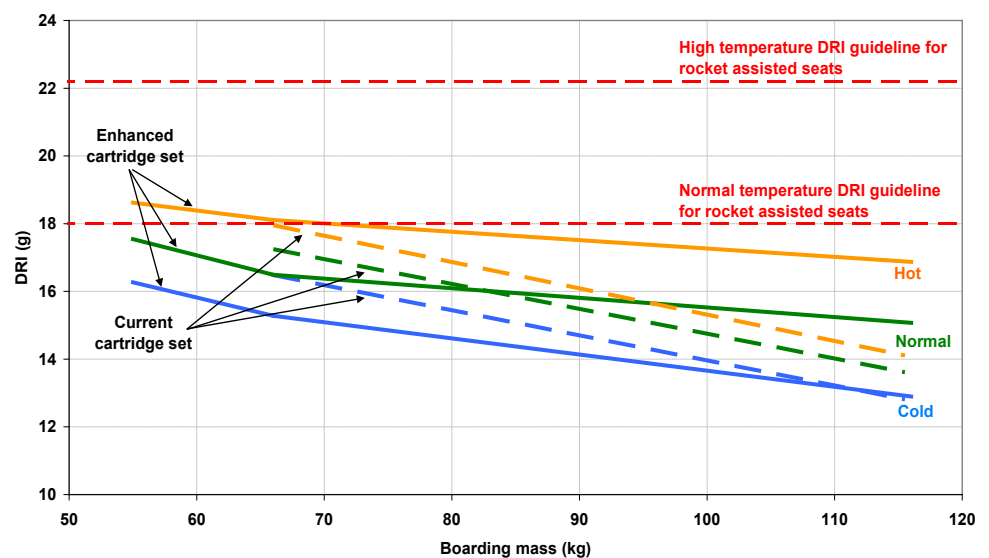
Proposed for Pilatus PC-7 MkX
aircraft

Originally introduced in 1993, the Mk11 range of ejection seats have been responsible for saving the lives of 26 aircrew. There are 454 Mk11 seat in-service, equipping 227 aircraft across 14 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 Mk11 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 55 Kg - 116 Kg



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Ejection Seat for PC-7
MkX

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