**3.9 System environment requirements.**

* UR-30: The pod structure shall remain intact when exposed to steady state acceleration levels of **5g fore 2.5g aft, 25g up, 11g down**

Definition of the requirement to the acceleration on the pod structure from left and right?

Why only steady state accelerattion?

* UR-31: The total weight of pod cannot exceed 270 kg.
* UR-32: The pod shall be operational at temperatures of 95 degree Celcius on outer skin and 102 degree Celcius on **leading edge** for 25 minutes.

Leading edge means upper limit?

* UR-33: The pod shall be operational at temperatures of 134 degree Celcius on outer skin and 151 degree Celcius on **leading edge** for 3 minutes

The above temperatures, are they the only operational points? What is the situation for the other temperatures?

Is this also true when dispensing payloads -> Then the magazine should be isolated from the rest of the system.

A lower limit for the temperature is needed?

**Weight and temperature** are the only environmental requirements?

**3.10 Computer resource requirements.**

* **Hardware:**

UR-8: The system shall include a hardware implemented safety interlock to prevent dispensing on ground.

How is the **hardware implemented safety interlock** should be?

* **Software:**

UR-16: The system shall provide a method of loading software to MWS (Missile Warning System)

What software requires? What languages are used? C /java?

* **Communication:**

Which modes in the system need which kind of communication? (for manual, semi-automatic and automatic)

Is it wireless to control from the ground? Or all automatic modes are scripted and programmed in advance?

What kind of signal processing are we dealing with for each mode.

**3.11 System quality factors.**

requirements concerning :

system functionality,

reliability,

maintainability,

availability,

flexibility,

portability (software),

reusability,

testability,

usability an other attributes.

Maintainability frequency? Time between service on system?

Critical system. CANNOT fail!!