



ASQ CRE Prep course

Lesson I. B.

Reliability Program
Management

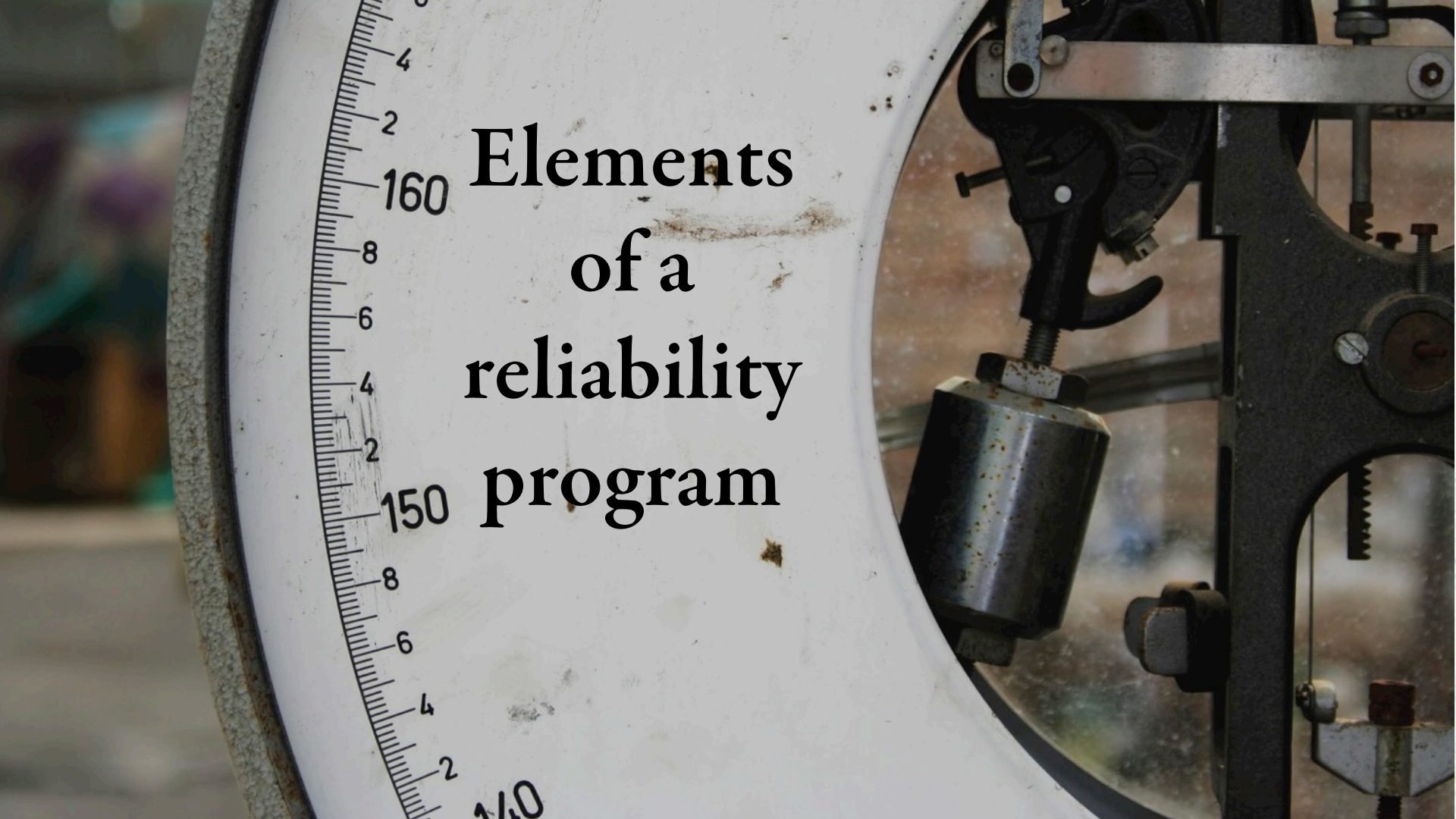
A full-page background image showing an astronaut in a white spacesuit standing on the lunar surface. In the background, the Apollo 16 Lunar Module is visible, partially covered in gold thermal insulation. An American flag is attached to the lander. The scene is brightly lit by the sun, casting long shadows on the grey, cratered moon soil. The text 'Elements of building the team' is overlaid in the upper left corner in a white serif font.

Elements of building the team

RELIABILITY PROGRAM MANAGEMENT

Terminology



The image shows a mechanical testing apparatus. On the left, a large circular white scale is visible, with markings for 140, 150, 160, and 180. The scale has smaller increments between these numbers. To the right of the scale, a dark metal frame supports a hanging weight. The weight is a cylindrical metal piece with some rust. The background is blurred, showing what appears to be a workshop or laboratory setting.

Elements of a reliability program

A low-angle, upward-looking photograph of the Space Shuttle Columbia on the launch pad. The white cylindrical boosters and the central orbiter are the primary focus, with the complex black and white service structure visible on the left. The shuttle is set against a clear, deep blue sky. The text "Types of risk" is overlaid in the upper right corner in a white, serif font.

Types of risk

Product life cycle engineering



A white egg is balanced on a black stand. The egg is positioned in the center-right of the frame. The stand is a simple black pedestal. In the background, there is a dark green metal frame, possibly part of a lamp or a decorative structure. The text "Design evaluation" is written in a black serif font in the lower-left quadrant of the image.

Design evaluation

System engineering and integration



Do you have a
viable Reliability
Program?



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Terminology