

AUTOMATED DISTRESS RANKING SYSTEM

ABSTRACT OF THE DISCLOSURE

A system for inspecting objects includes an imaging assembly, a detection module, an analysis module, and a memory. The imaging assembly can be a borescope that enters an unlit, closed conduit to inspect objects that are components of a turbine engine. Using an artificial light source to illuminate the conduit and one or more objects of the turbine engine, the borescope can obtain a video image of the one or more objects of the turbine engine. The video image can be used to determine a rank of distress for the one or more objects.

[Figure 2]