

Abstract

DIRECTIONAL WATER JET CLEANING OF ENGINE BLADES

Aspects of the disclosure are directed to a probe for servicing a turbine blade of an engine. The probe includes hardware configured to couple to a fluid source, a stem, and an opening included in the stem, where the opening is oriented at a non-zero valued angle relative to a length of the stem. In some embodiments, a system includes a turbine blade of an engine, a machine that captures an image of the turbine blade, and a probe that includes a stem with an opening formed in the stem, where the opening is oriented at a non-zero valued angle relative to a length of the stem and removes debris from the turbine blade captured in the image based on an ejection of a pressurized fluid from the opening, where the debris is located on an interior surface of the turbine blade.

[Figure 3]