

ABSTRACT OF THE DISCLOSURE

SYSTEM AND METHOD FOR LOCATING A PROBE WITHIN A GAS TURBINE
ENGINE

A method (300) for locating probes (100) within a gas turbine engine (10) may generally include positioning a plurality of location transmitters (204) relative to the engine (10) and inserting a probe (100) through an access port (62) of the engine (10), wherein the probe (100) includes a probe tip (104) and a location signal receiver (120) configured to receive location-related signals transmitted from the location transmitters (204). The method (300) may also include determining a current location of the probe tip (104) within the engine (10) based at least in part on the location-related signals and identifying a virtual location (234) of the probe tip (104) within a three-dimensional model (232) of the engine (10) corresponding to the current location of the probe tip (104) within the engine (10). Moreover, the method (300) may include providing for display the three-dimensional model (232) of the engine (10), wherein the virtual location (234) of the probe tip (104) is displayed as a visual indicator within the three-dimensional model (232).

[Fig. 1]