

GAS TURBINE ENGINE ASSEMBLY METHOD AND SYSTEM

ABSTRACT

5 An assembly system for assembling a gas turbine engine including a support
beam defining a horizontal plane for assembly of engine components along a
horizontal axis substantially parallel with the support beam. A forward arm is
supported on the support beam for supporting a forward portion of an engine
component. An aft arm is supported on the support beam for supporting an aft
10 portion of the engine component. An aft mounting ring is attachable to an aft end of
an engine assembly. A forward mounting ring is attachable to a forward end of the
engine assembly. A drive is mounted to the aft arm engageable to the aft mounting
ring for rotating the engine assembly about the horizontal axis. A roller is supported
on the forward arm and engageable to the forward mounting ring to support the first
15 end of the engine assembly during rotation about the horizontal axis. A method is
also disclosed.

FIG. 1