

Aerospace Sensor Development

Development & Test: High Temperature Air Valve for Aircraft Gas Turbine Engine

Challenge: Major aircraft engine accessory manufacturer needed to produce a complex gas turbine high temperature air valve for an advanced military aircraft engine. To increase performance gas turbine engines are working with higher temperatures thus requiring the associated sensors to run hotter and work in higher temperature environments.

Solution: Westfield Hydraulics engineering team was able to perform design to manufacturing tasks to produce this product cost effectively. Value added services include the ability to test using in house designed tooling. To mitigate risk Westfield produced a prototype on their own with a different material to refine the manufacturing process.

Result: Westfield Hydraulics was selected as a partner to develop, prototype, test and produce this high temperature air valve for an advanced military application.

