

# Aircraft Engine Overhaul & Upgrade



## North America

### Business Issue

A international aerospace engine manufacturer won a 5-year defense contract to overhaul and upgrade aircraft engines and documentation and very quickly needed engineering technical and support staff that they could bring on quickly and then convert to FTE's as needed to accommodate the additional workload.

### Solution

The R&O Center was in a non-major metropolitan area of the country that required talent be quickly relocated at minimal expense and requiring little to no training to seamlessly assimilate as soon as possible for maximum productivity. Manpower Engineering qualified aircraft technicians/mechanics, quality inspectors, CMM programmers, manufacturing, mechanical and quality engineers and support staff (technical writers, drafters, buyers) and relocated them from throughout the country to this Engine Repair & Overhaul facility over a 3-4 year initial staffing period.

### Results

Manpower Engineering hired an initial 5 consultants the first month of the project, helping to start the project on time and on budget. Over a 3-4-year period, approximately 40 consultants were added to their project team to successfully staff the project, with several converting to full time employees of the client. This helped decrease time to market by **23%** and improved part quality rejection by **17%**.

