

# Final Assembly Inspector: Final Assembly Inspector II

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Inspects mechanical final assembly installations of the aircraft such as fuselage, wings, flaps, landing gears and tail assemblies. Inspects systems such as hydraulic, pneumatic, oil, heat and brakes. Visually and physically inspects electrical installations. Rechecks work after adjustment or repair. May monitor and verify quality in accordance with statistical process or other control procedures. Maintains necessary inspection logs and writes inspection reports.

## **Knowledge**

Full knowledge of the job. Substantial acquaintance with, and understanding of, general aspects of the job with a broad understanding of the detailed aspects of the job.

## **Supervision Received**

General supervision and instructions given for routine work and detailed instructions given for new activities or special assignments.

## **Consequence of Errors**

Errors may be detected and corrected but may cause moderate loss of time or customer/user dissatisfaction.

## **Contacts**

Contacts are typically with individuals within own department and occasionally with contacts outside own organization. Contacts involve obtaining or providing information or data requiring some explanation or interpretation.

## **Work Products (Examples may include but are not limited to)**

Perform mechanical measurements using various measuring instruments to GD&T methodology. Perform surface plate set-ups. Review reworked and repaired items for acceptance. Describe nonconformance situations and assist in the cause and resolution. Determine effectiveness of corrective actions for nonconforming materials. The duties and responsibilities are not limited to the above; the incumbent is also obligated to assist lower and higher levels of inspection personnel.

## **Minimum Education and Experience**

Reasonably good manual dexterity. Able to bend, stoop, reach and lift 40 lbs. minimum repetitively. High school graduate (or equivalent). Ability to read and write English and understand mathematical concepts. Blueprint interpretation (GD&T). Computer Skills - MS Excel, Word. Working knowledge of inspection methods and instrumentation. Excellent understanding in Geometric Dimensioning and Tolerancing (GD&T). Electronic Inspections using a Portable Coordinate Measuring Machine (FARO Arm/Laser Tracker) (optional).