

# Final Assembly Inspector: Final Assembly Inspector I

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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**

Little or no knowledge of the job. Moderate understanding of general job aspects and some understanding of the detailed aspects of the job.

## **Supervision Received**

Close supervision involving detailed instructions and constant checking on work performance.

## **Consequence of Errors**

Errors can be easily and quickly detected within the immediate work unit and would result only in minor disruption or expense to correct.

## **Contacts**

Contacts are primarily within immediate work unit. Contacts involve obtaining or providing information requiring little explanation or interpretation.

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

Perform uncomplicated mechanical measurements using a range of measuring tools. Review reworked and repaired items for acceptance. Describe nonconformance situations and may assist in the cause and resolution. Understand drawings and drawing notes. Perform Receiving and Inspection functions. Perform manufacturing in-process inspections. Perform non-destructive testing such as pressure and vacuum acceptance testing. Assist in performing higher levels of inspection. Other duties as assigned.

## **Minimum Education and Experience**

Reasonably good manual dexterity. Able to bend, stoop, reach and lift 40 lbs. minimum repetitively. Must be able to withstand repetitive contact with water and moisture. High school graduate (or equivalent). Ability to read and write English. Ability to understand Geometrical Dimensioning and Tolerancing. Ability to understand basic mathematical methods.