HSAC – RP – 2010 -1
Job Safety Analysis

Background

A Job Safety Analysis (JSA) is an assessment of hazards associated with a job, to include; carefully studying and recording each step. It is the identification of existing or potential hazards associated with health, safety and environmental concerns, thereby determining the best way to perform the job to reduce or eliminate these hazards. This tool is designed to identify barriers and maintain awareness necessary to reduce risks. Each operator should have a JSA program in place to ensure identification of high and medium risk tasks.

Recommended Practices

1. Define JSA Program Requirements

The following guidelines cover areas which may be considered when developing a pro-active JSA program.

- Support and involvement from Management and the Safety Department.
- A written documented process and procedure for the program.
- Management communication, delegation, responsibility, and compliance.
- Included in an audit program
- Employees review and participation with the program at local level.
- Hands-on initial training "walk-through" of the step-by-step process.
- Carefully studying and recording each task step to identify potential hazards.
- Identify those high and medium risk tasks associated with aircraft maintenance.
- Define specific tasks – nothing broad – i.e. transmission change, main rotor.
- Continuous revision of existing JSA's to determine changing factors.
- Enhances job planning, hazard recognition, training, poor communication.
- Develop barriers or "safe" procedures for ways to perform individual steps.
- Stopping the work process at any time concerns for safety are present.

- Creating a file and library of completed JSA's with the ability for continuous revision.
- Ensuring that lessons learned are captured and communicated throughout.
- Ensure that responsibility for determining lessons learned is assigned

OSHA link for JSA information http://www.osha.gov/Publications/osha3071.pdf