

H-60A/L VIBRATIONS ANALYSIS COURSE

This course provides the student with an understanding of helicopter vibrations and the equipment used in vibration analysis, troubleshooting, identifying sources of vibrations, and resolving vibration anomalies.

Instruction is conducted using equipment and aircraft available at the customer's location. (Equipment must be calibrated and operational, and the latest script file should be on hand). The target audience is Prop and Rotor Technicians, Crew Chiefs, Flight Engineers, Maintenance Managers, and Test Pilots.

COURSE LENGTH: 1 Week

COURSE SIZE: Optimum 8/Maximum 10

COURSE OUTLINE:

Introduction to vibrations
Definitions- developing a common language
Sources of vibrations
Controls used in reducing vibrations
Equipment used in Vibration Analysis
Oil cooler vibration check and balance
Engine High Speed Shaft vibration check and balancing
Tail Rotor balancing
Main Rotor ground track and balance
Vibration Absorber check and tuning
Spectrum analysis