

## **T700 ENGINE FAMILIARIZATION COURSE**

This course is designed to enhance the Pilot or Crew Chief's familiarity and understanding of the T700 series propulsion system and its operational characteristics. Topics include:

- General engine information
- System components description and location
- System description
- System principles of operation

Students will be provided the skills and knowledge to assist them in the performance of organizational level system maintenance.

**COURSE LENGTH:** 1 Week

**CLASS SIZE:** Optimum 8/Maximum 10

The training consists of 4 days of classroom instruction and 1 day on-aircraft familiarization (Access to unit owned aircraft required).

### **COURSE OUTLINE:**

- Overview/ Terminology
- Basic Engine Data
- T700 Engine Modules
- Accessory Section Module and Components
- Cold Section Module and Components
- Hot Section Module and Components
- Power Turbine Module and Components
- Lubrication System
- Fuel System
- Anti Icing System
- Ignition/Start System and Controls
- Engine Control System
- Engine Related Instruments