



Aviation Maintenance Automated Tracking System Phase II Plan

Avion Inc.

Huntsville, AL

25 January, 2001

Phase II Test Plan

– Business Process Definition

- Test Procedures

- *Installation*
- *Contact Memory Button Installation*
- *Software Installation*

- *Transactions*

- *Installation of a Part in ELAS*
- *Removal of a Part in ELAS*

– Data Analysis

- *Data Collection*

- *Discussion of Phase Completion Criteria*

- *Technical and Economic Impact*
- *Validation of the Memory Management Plan*
- *Reliability and Utility of Data Transfer*
- *Manpower Burden*
- *Improvements in TACTS*
- *Maintenance and Supply Concept*
- *Fielding Plan*

Additional Software Development

- Maturing the AMAT's Stand-alone Software module.
- Addition of data elements stored on the CMB.
 - Narrative Data
 - Equipment Modification Record (Component)
 - Oil Analysis Record
 - Engine Analysis Record T53/55
 - Engine Analysis Record T-700/701
 - Quality Deficiency Report

Other

•AH-64 PM Items

- Main Rotor Head
- Main Rotor Blades
- Main transmission
- Longitudinal Servo
- Lateral/Collective Servo
- Directional Servo
- PTO Clutch
- Intermediate Gear Box
- Tail rotor Gear Box
- Tail rotor Swashplate
- Tail rotor blades
- 701/701C Engine
- Engine Control Unit
- Engine Alternator
- Primary Exhaust Nozzle
- Secondary Exhaust Nozzle
- Swashplate, Main Rotor

•Collected Photos for Components

•UH-60 will be used as baseline

•Estimated time for completion of Document is late February 2001

Schedule

- Start 160th SOAR Late Feb 2001
 - Start AMATS Extended 1 May 2001
- Start at Unit 14 June 2001
- Complete 28 September 2001