



IMPROVED PERFORMANCE

Now operational with the US Air National Guard, Royal Saudi Air Force, Navy Reserve, and National Science Foundation. The new Collins Electronic Propeller Control System replaces the original 54H60 Control System for both 54H60 and NP2000 propellers with the following benefits:

- Improved reliability
- Reduced maintenance and support costs
- 9,000 hrs MTBCR
- Improved performance

ELECTRONIC PROPELLER CONTROL SYSTEM

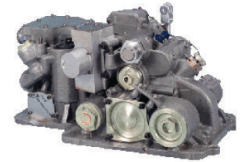
- Replaces the mechanical valve housing and synchrophaser with current technology digital controller, electronic valve housing and propeller maintenance panel.
- Significant Reduction in Operation and Support Costs Confirmed
 - Reduced mission aborts
 - Fuel savings from reduced maintenance engine runs



ELECTRONIC CONTROL



PROPELLER MAINTENANCE PANEL



ELECTRONIC VALVE HOUSING

MAINTAINABILITY IMPROVEMENTS

- 100% RPM adjustment unnecessary
- Electronic beta schedule rigging
- Max. reverse adjustment from cockpit during ground check
- Automated electronically commanded system checks
- Fault diagnostics available

INCREASED RELIABILITY

- Operational for over 40,000 hours with 6 times reliability improvement
- Electronic control reliability > 20,000 hours MTBF
- Valve housing cover eliminated
- Reduced number of valve housing components
- Improved Propeller Speed and Synchrophasing Control leading to increased crew comfort, transient response, and improved safety