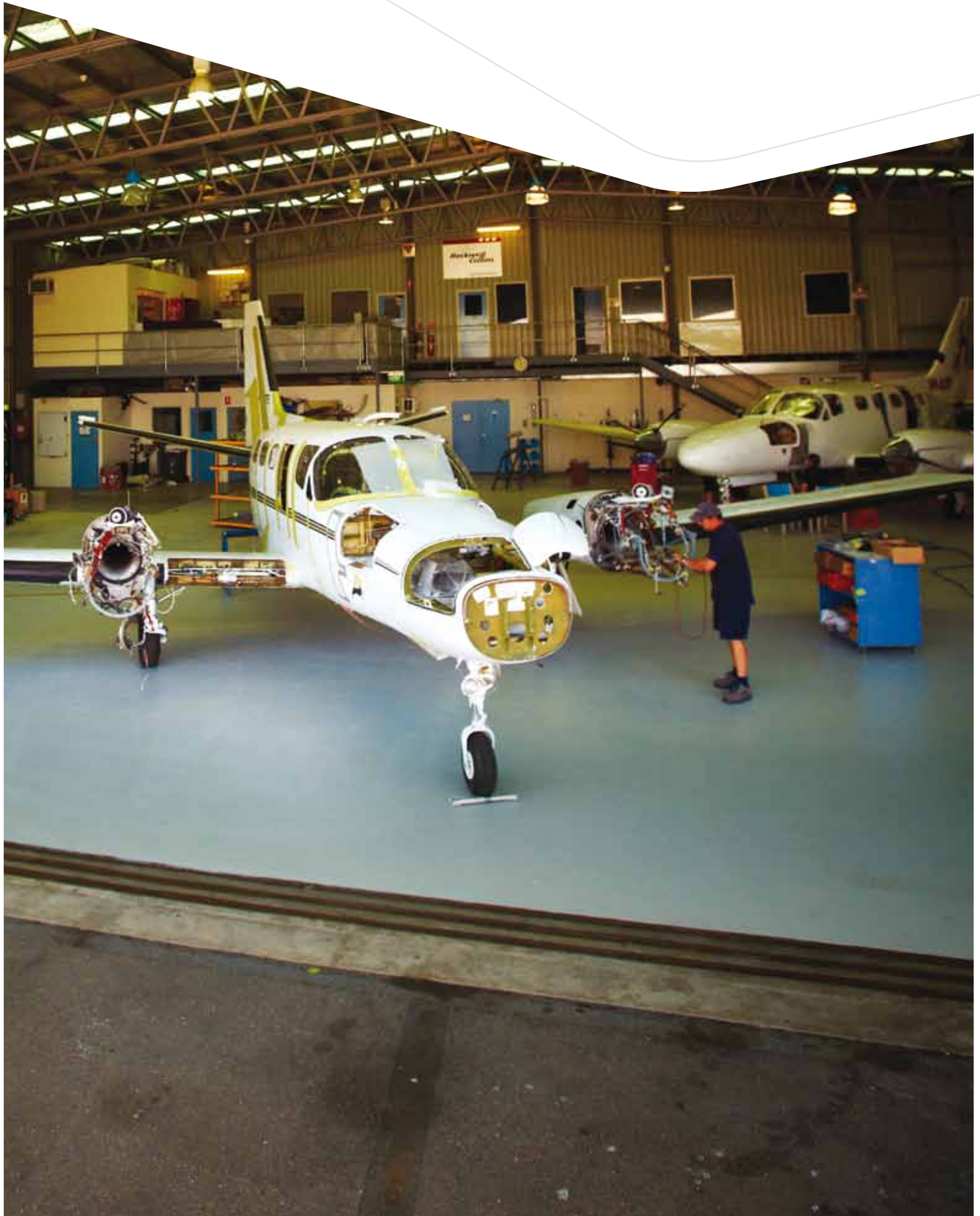




we keep *you* flying



CESSNA 441 CONQUEST AIRFRAME LIFE EXTENSION



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TAE Aviation has a Civil Aviation Safety Authority of Australia (CASA) Supplemental Type Certificate (STC), applicable to the Cessna 441 Conquest.

This life extension modification program offers Conquest operators an extended life for the airframe which permits continued use past CASA's 22,500 hour limit. The STC extends the Conquest's life to 40,000 flight hours or 40,000 cycles, whichever is reached first.

TAE Aviation extends the life of the Conquest aircraft by replacing and/or modifying critical structural components and applying a new system of maintenance.

A new system of maintenance: Reducing your costs

Coupled with the STC modification is TAE Aviation's system of maintenance which reduces the cost of Conquest maintenance while giving operators more scheduling flexibility. Australia's Conquest fleet profile averages 1.5 flight hours per cycle, as opposed to the USA's fleet profile of approximately 1 flight hour per cycle. This life extension modification gives operators significant benefits in terms of reduced inspection intervals because TAE Aviation's system of maintenance is predominantly cycle based.

The system of maintenance is available to all Conquest operators, including aircraft below CASA's 22,500 hour life limit.

The new system of maintenance will significantly reduce costs by:

- Increasing the time between scheduled phase inspections to 150 hours
- Replacing the requirements contained in the Supplemental Inspection Documents (SIDs) with a system based on a mixture of cycles, hours and calendar time

- In addition, fuselage inspections will be cycle based due to pressurisation fatigue issues
- Empennage inspections will be hourly based due to flight loads
- Undercarriage inspections will be cycle based due to landing loads
- Wing inspections will be hourly based due to flight loads
- Corrosion inspections will be based on calendar time

Conquest operators can also take advantage of aircraft down time by planning an avionics upgrade during the structural STC modification program. TAE Aviation is able to install the Avidyne and S-TEC Alliant Integrated Flight Deck System into the Conquest during the modification program under STC. TAE Aviation can also design alternative installation options with leading brands such as Garmin, Avidyne, Sandel, Honeywell, Shadin and Rockwell Collins products.

An avionics update will not only modernise the Conquest's cockpit, it will also improve situational awareness, enhancing safety and the flying experience.

The TAE Group offers the broadest range of services in the aviation industry with a strong emphasis on responsive service, on-time delivery, product reliability and outstanding value.



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