



AWAL Engineering Bulletin 20-001

30 year Retirement Life for V530 Propeller Blades

Background

There was a 30 year retirement life applied to the V530 propellers fitted to, but not exclusive to, Yak 52 and Yak 18T during the original approval of some Maintenance Programs. A number of years ago AWAL removed the 30 year retirement life for the V530 propeller hubs as they could easily be overhauled using generic/standard practices, e.g. modern NDI and cad plating processes.

An AWAL member has carried out a comprehensive investigation and has not been unable to come up with any document that states the propeller hub or blades have a 30 year life (unless they were fitted to a Sukhoi Aerobatic aircraft). The FAA, CAA UK and EASA do not have a retirement life limits on these propellers.

Amendment to all AWAL Approved Aircraft Maintenance Programs pursuant to CAR 42CA

Despite any contrary life written in an approved AWAL Maintenance Program, the V530 propeller hub and blades no longer have a retirement life.

The V530 propeller will be overhauled every 10 years or 500 flight hours whichever occurs first

In lieu of any other manufacturers data:

Under AWAL's delegation for regulation 2A *Civil Aviation Regulations 1988*, I approve the following maintenance data as approved maintenance data in accordance with Regulation 2A (4) *Civil Aviation Regulations 1988*

Wilga 80 – Propeller Blade Overhaul Instructions

Peter Pring-Shambler
Director - Self Administration
Australian Warbirds Association Limited

Regulation 2A *Civil Aviation Regulations 1988* Delegate

Please attach a copy of this bulletin to your AWAL approved Maintenance Program.

P A Pring-Shambler
DSA, AWAL
15th September 2020