

## Probable Cause

It was established that Number 4 cylinder exhaust valve had fractured at the valve stem, just below the valve head due to overheating. Jabiru engine cylinders with engine serial numbers up to 644, have smaller cooling fins which causes the cylinders to overheat and the engines to fail. Engines with serial numbers from 645 upwards are fitted with re-designed cylinders with larger cooling fins which results in improved cooling.

