



SERVICE BULLETIN RCA 2011-09-06

Date: 06 September 2011

Subject: Propeller Operating Limitations

Affected Aircraft: ZU-VRV, ZU-LGN, ZU-ICM

Required Action: Install placard – Operate aircraft within placard restrictions

Time of Compliance: Before further flight

Synopsis: It has come to RCA's attention that certain operating restrictions have been imposed on the Hartzell blended aerofoil propeller HC-C2YR-IBFP/F7496 when fitted to an IO-360-A1A 180hp engine. While the Van's Aircraft notice on MAR 2003 does cover operating restrictions on this engine and propeller combination, its subject refers to engines that have been modified with electronic ignition systems. We have now noted that these restrictions also apply to an engine which has not been modified with electronic ignition.

Accomplishing Instructions: A placard containing the following wording must be placed on the instrument panel in clear view of the pilot:

**DO NOT OPERATE ABOVE 22 INCHES MP BELOW 2350 RPM
OPERATION ABOVE 2600 RPM IS LIMITED TO TAKE OFF**

All flight operations to be conducted within the limitations stipulated above.

A placard has been posted to the owners of the affected aircraft.