

# UNAPPROVED PARTS NOTIFICATION



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

SUSPECTED UNAPPROVED PARTS PROGRAM OFFICE, AVR-20  
45005 AVIATION DRIVE, SUITE 214  
DULLES, VA 20166-7541

No. 99-147  
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*UPNs are posted on the internet at <http://www.faa.gov/avr/sups.htm>*

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## **AFFECTED PARTS**

Hartzell Aluminum Propeller Blades – Compact Series.

## **PURPOSE**

This notice is to advise all aircraft owners, operators, maintenance entities, and parts suppliers and distributors that certain Hartzell aluminum propeller blades overhauled by Precision Propeller, Inc. (Air Agency Certificate #AZER344C), Tuscaloosa, Alabama, may not have been overhauled in accordance with the manufacturer's overhaul manual. Evidence also exists that during maintenance or overhaul of Hartzell propellers, Precision Propeller, Inc., did not accomplish all requirements of Airworthiness Directive (AD) 77-12-06 and Hartzell Service Bulletin 118D.

## **BACKGROUND**

Incident to a Federal Aviation Administration (FAA) suspected unapproved parts investigation, it was determined that Precision Propeller, Inc., was not qualified to perform the cold compression roll process required by AD 77-12-06, Hartzell Service Bulletin 118D, and the Hartzell Aluminum Blade Overhaul Manual – 133C. Evidence exists that Precision Propeller, Inc., performed the cold compression rolling process from January 1994 through April 1999.

## **RECOMMENDATION**

Regulations require that type-certificated products conform to their type design. It is recommended that aircraft, aircraft records, and aircraft parts inventories be inspected and reviewed for propellers that have been repaired, inspected, and/or overhauled by Precision Propeller, Inc., of Tuscaloosa, Alabama. If any of these parts are installed or found in existing stock, it is recommended that appropriate action should be taken to ensure all requirements of Airworthiness Directive (AD) 77-12-06, Hartzell Service Bulletin 118D, and Hartzell Aluminum Blade Overhaul Manual have been accomplished.

## **FURTHER INFORMATION**

Further information regarding this notice may be obtained from the FAA Flight Standards District Office (FSDO) indicated below. The FAA would appreciate any information concerning the condition, status, and the discovery of the above-referenced parts from any source, the means to identify the source, and the actions taken to remove the parts from aircraft and/or stock. This notice originated from the Alabama FSDO, 1500 Urban Center Dr., Vestavia Hills, AL 35242, telephone (205) 731-1557, ext. 132, fax (205) 731-0939; and was published through the FAA Suspected Unapproved Parts Program Office, AVR-20, telephone (703) 661-0581, fax (703) 661-0113.