

PITTS AVIATION ENTERPRISES, Inc.

P.O. BOX 548 • HOMESTEAD, FLORIDA 33030

April 3, 1972

SERVICE BULLETIN NO. 3

1. APPLICABILITY: This bulletin applies to Pitts Aviation Enterprises, Inc. airplanes, Models S-2A, serial numbers 2001 and up.
2. PURPOSE: To bring to the attention of the owners of these airplanes that an incident has occurred involving a propeller blade failure.
3. DISCUSSION: It has been brought to our attention that a propeller blade failure has occurred on one of our Model S-2A airplanes. The only facts in our possession at this date are as follows:
 - a) The aircraft had approximately two hundred hours time in service.
 - b) The propeller was a Hartzell Model No. HC-C2YK-4/C7666A-2.
 - c) Blade failure occurred at the integral shoulder which bears on the thrust bearing at the inboard end of the blade.
 - d) The blade did not separate from the hub.
 - e) The pilot was able to land safely, although considerable vibration was experienced.
4. SUMMARY: We are unable at this time to say whether or not this may have been an isolated case, or what Hartzell may recommend regarding inspection or possible replacement of this model propeller blade. As further information becomes available to us, we will be in touch with you. We recommend now that if any unusual power-plant roughness or vibration is noted, the propeller should be thoroughly inspected.

APPROVED:

PITTS AVIATION ENTERPRISES, INC.

C. H. Pitts
C.H. PITTS, PRESIDENT

CHP/rmf

