

SENENICH PROPELLER CO., INC.

AREA CODE 813
PHONE - 752-3711
FAX - 752-2818



2008 WOOD COURT
PLANT CITY, FL USA
33563

See us on the Web @ www.sensenich.com

SERVICE BULLETIN SB2016-06

EFFECTIVE DATE: 6-2-2016

SUBJECT: Inspection of adjustable pitch jabiru hubs for cracks

AFFECTED PROPELLER HUB MODELS:

- 2A0J5 2 blade aircraft hubs with pitch cylinder for Jabiru or other direct drive engines.

AFFECTED SERIAL NUMBERS: Revision "0" through D ("0", A, B, C, D).

The revision letter is stamped after the serial number, which is found on the sides of the hub.

Original revision hubs (Rev "0") do not have any letters stamped after the serial number.

- Example – Affected S/N: 1595, 21234**B** (Revisions "0" and B, respectively)

AFFECTED PUBLICATIONS: N/A

REASON: Sensenich has received reports of cracked hub covers on several tractor and pusher installations with Jabiru engines.

- The occurrence, if unattended, could result in the hub cover half cracking completely across.
- To date, there have been no inflight blade separations but the location of crack growth necessitates immediate inspection.

COMPLIANCE:

- Inspect hub for cracks before next flight.
- Remove spinner dome (and front bulkhead, if used). Closely inspect the hub cover (clamp half) around the pitch cylinder and on the hub sides. Also examine the sides of the hub mount half. See Figures 1 and 2.
- Notify Sensenich of any crack occurrences and return hub for evaluation.
- Inspect hub for cracks every 50 hours or annually.

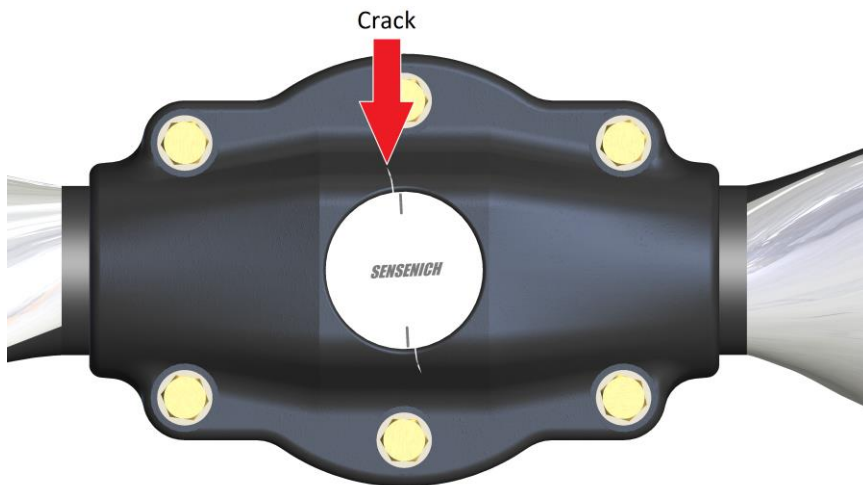


Figure 1. Cracks start near pitch marks and grow outwards.

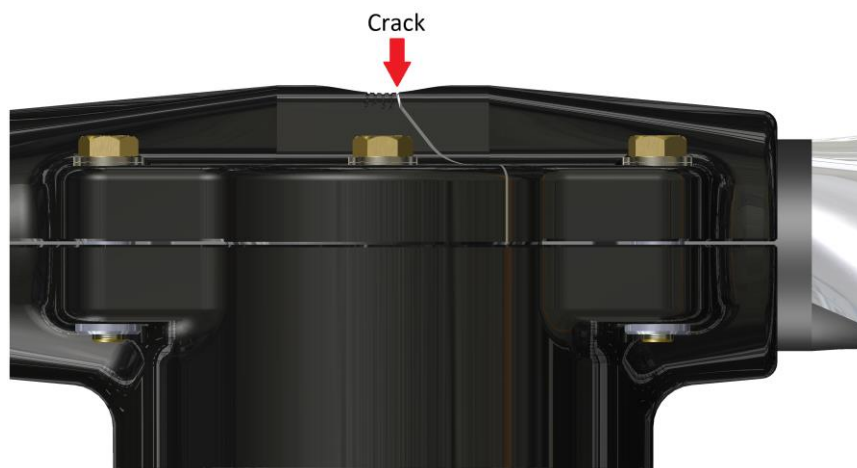


Figure 2. Unattended cracks may progress to edges of hub cover half.

HUBS NOT AFFECTED: The following is a list of hub models **NOT** affected.

- 2A0J5 *revision E or later* (newer hub design with 3 small holes instead of the center white pitch cylinder)
- 2A0R5, 2A1R5
- 3A0B7
- 3B0R5
- 2EK, 2EL, 2EM6, 2E0U5
- 2G0M7, 2G0M8