

Revision	Change	Approved	Date
1	Initial Release	JTS	27/9/23



# SERVICE BULLETIN

## APL-SB21

Date of Issue: 03 Oct 2023

Applicability: Propeller Models: Various models incorporating a specific batch of (black) Sensenich blades.

Serial Numbers: Enclosed

Compliance: Initial: Immediate  
Subsequent: Inspection every 25hrs

### SUBJECT: SENSENICH BLADE PAINT INSPECTION

#### Reason

Airmaster has received report of a potential paint defect affecting a batch of Sensenich blades that use a painted black finish. This defect causes the blade's clear coat to peel from the black painted surface during service. The type of blades affected are 72K and 70E Sensenich blades (Airmaster blade assembly no. AB-SNR72K(BW)-xxx, and AB-SNR70E(BW)-xxx). This is a cosmetic defect, not an airworthiness issue.

As part of the investigation into the defect, Airmaster is requesting:

- An immediate inspection of all in-service propellers affected (shown below).
- Feedback on the accumulated hrs of said propellers.
- Visual confirmation of the propeller condition.

Affected Hub S/Ns									
2217	2259	2354	2356	2364	2373	2380	2383	2384	2385
2386	2387	2390	2394	2396	2399	2401	2402	2404	2405
2407	2408	2409	2410	2411	2412	2413	2414	2415	2416
2419	2420	2421	2422	2424	2427	2429	2430	2431	2432
2433	2443	2444	2445	2448X	2451	2452	2454	2455	2459
2460	2462	2463	2464	2467	2468	2469	2471	2472	2473
2474	2477	2481	2490	2504	2509	2511	2529		

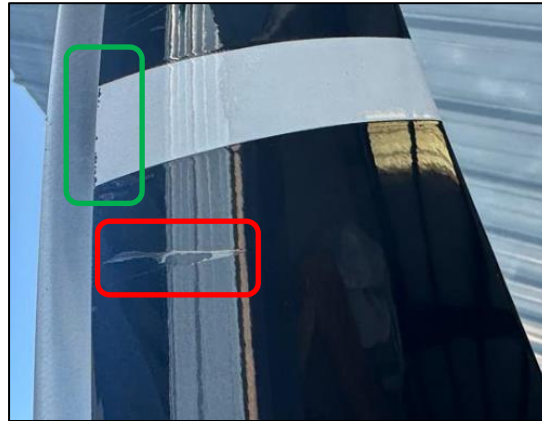
## Compliance

1. Inspect condition of propeller blades and check the following:

- a. Inspect top & bottom face of blades.

**Unacceptable** condition: Clear coat peeling from black painted surface of blade.

**Acceptable** condition: Note that slight wear on white stripe (right) is normal wear and tear on propeller blade.



- b. Inspect leading-edge of blades.

**Unacceptable** condition: Paint flaking off underside of leading-edge of blade.



2. If paint damage is detected (or suspected), report findings to Airmaster propellers immediately using the inspection record supplied at the end of this document, as well as providing photos of blade condition.
  - a. The affected set of blades should be removed from service and returned to Sensenich Propellers (USA) for paint refurbishment (shipping charges apply).
3. If no paint damage is evident, then this information should be relayed to Airmaster propellers using the inspection record attached, alongside photos of blade condition.
4. Visual inspections of the propeller blades should be carried out every 25hrs until further notice.

Revision	Change	Approved	Date
1	Initial release	JTS	



**Airmaster Propellers Ltd**  
20 Haszard Rd, Massey  
PO Box 374, Kumeu  
Auckland, New Zealand

Ph: +64 9 833 1794  
Fax: +64 9 833 1796  
Email: sales@propellor.com  
Web: www.propellor.com

## APL-SB21 INSPECTION RECORD

### INSPECTION

Propeller Serial Number: \_\_\_\_\_

Propeller Model Number: AP\_\_\_\_\_

Current Operating Hours: \_\_\_\_\_

Inspection Performed by: \_\_\_\_\_

Signature: \_\_\_\_\_

Inspection Date: \_\_\_\_\_

Inspection Results (Blades): Paint Defect?

Yes / No

### CUSTOMER INFORMATION

Customer Name: \_\_\_\_\_

Customer Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Customer Ph: \_\_\_\_\_

Customer E-mail: \_\_\_\_\_