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ASI-2-2-2

PROPELLER SERIAL IDENTIFICATION

CHAPTER:	
Product Description	
ASSEMBLY NO:	**APPLICABILITY:**
AH-xxx | AB-xxx | AC-xxx	All propeller models.

1. TOPIC

1.1 Introduction

The propeller hub, blade and controller assemblies are uniquely serialized. This information is also recorded in the propeller logbook. Other identification features are also present.

1.2 Hub Assembly

The following information is shown on the propeller hub:

- **Hub Port Number**: A single-digit number is machined at the top of each hub port; this denotes the matching blade number.
- **Propeller Model**: The basic propeller model code 'AP xxx' is recorded next to the port 1 marker.
- **Hub Serial Number**: A 4-digit number is stamped near the base of the hub opposite port 1; this denotes the hub serial number (spinner cone must be removed to view).

Note *The hub serial number is the primary form of propeller identification used by Airmaster.*

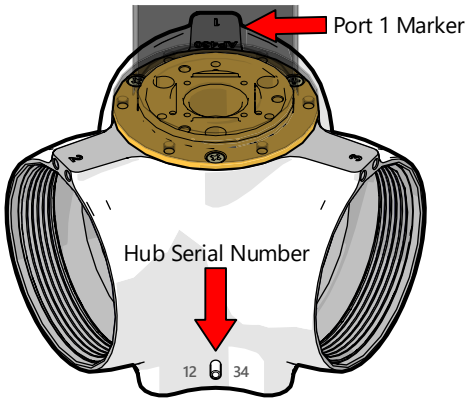

Figure 1. *Hub identification.*

1.3 Blade Assembly

The following information is shown on the side of the cam plate at the base of each blade:

- **Blade Number**: A single-digit number is stamped; this denotes the matching hub port number.
- **Blade Serial Number**: A 4 or 5-digit number is engraved; this denotes the blade serial number .

Note *Blades must be removed from the hub to view the blade number and serial number.*

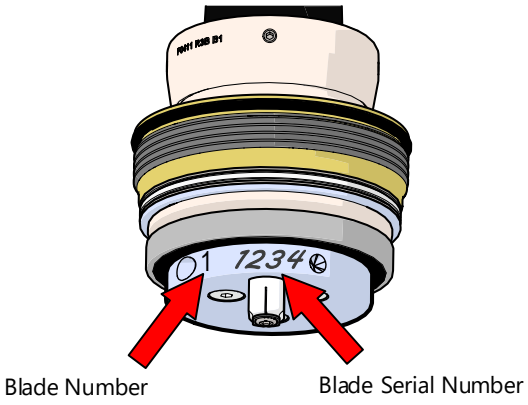

Figure 2. *Blade identification.*

1.4 Controller Assembly

The following information is shown on the label located at the rear of the controller:

- **Controller Model**: The controller model (AC200 or AC300) is recorded on the label.
- **Controller Serial Number:** The controller serial number is recorded on the label.
- **Controller Firmware Version:** The controller firmware version is written on the label in pencil.

Note *Operators should re-write the controller firmware version whenever it is updated.*

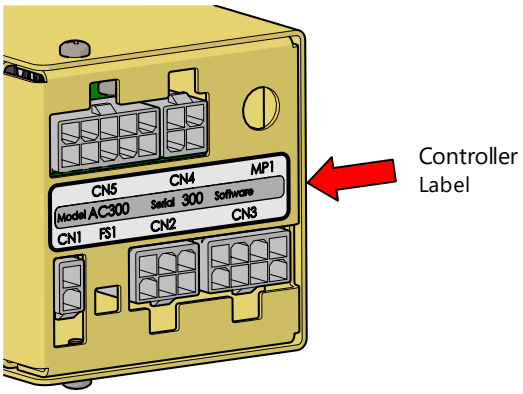

Figure 3. *Controller identification.*