

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

P-883
Revision 4
CURTISS
C634D
May 1, 1970

TYPE CERTIFICATE DATA SHEET NO. P-883

Propellers of models described herein conforming with this data sheet (which is part of type certificate no. 883) and other approved data on file with the Federal Aviation Administration meet the minimum standards for use in certificated aircraft in accordance with pertinent aircraft data sheets and applicable portions of the Civil Air Regulations/Federal Aviation Regulations provided they are installed, operated, and maintained as prescribed by the approved manufacturer's manuals and other approved instructions.

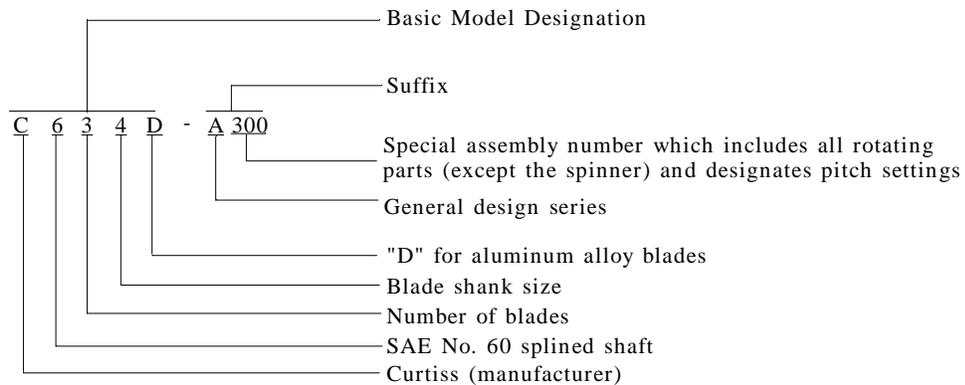
Type Certificate Holder Curtiss-Wright Corporation
Curtiss Division
Caldwell, New Jersey 07006

Type Constant speed - Electrical (see NOTES 3 and 4)
Engine shaft SAE No. 60 spline
Hub material Steel
Blade material Aluminum alloy
Number of blades 3
Hubs eligible C634D-A (see NOTE 1)

<u>Blade Eligible</u> (See Note 2)	<u>Maximum Continuous</u>		<u>Takeoff</u>		<u>Diameter Limits</u> (See Note 2)	<u>Hub and Blade Weight</u> (Max Diameter)
	HP	RPM	HP	RPM		
109652-12 to 109652-24	2920	1160	3700	1270	15'0" - 14'0" (-12 to -24)	712 lbs.

Certification basis Type Certificate No. 883, issued January 13, 1954, reissued January 2, 1962.
Production basis Production Certificate No. 8

NOTE 1. Hub Model Designation
The model designation of a complete Curtiss propeller assembly (which includes all rotating parts except the spinner) consists of a letter and a number suffixed to the basic model designation. For example:



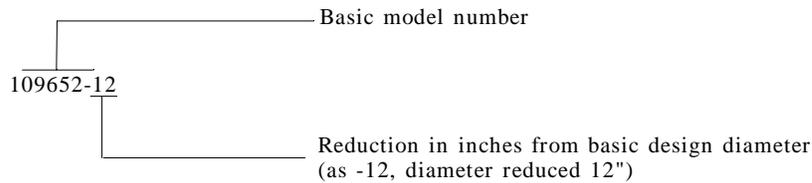
A change in the suffix letter indicates a design series change which may affect eligibility. Only those design series listed are eligible. A change in the suffix number indicates a minor change which does not affect propeller eligibility.

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NOTE 2.

Blade Model Designation

For aluminum alloy blades the model designation consists of the basic model number, with a suffix showing the reduction in inches from the basic diameter. For example:



NOTE 3.

Pitch Control. Eligible only with Curtiss manual control, constant speed governor, or automatic synchronizer.

NOTE 4.

- (1) Feathering. Eligible with full feathering control and voltage booster installed in accordance with the propeller manufacturer's instructions.
- (2) Reversing. Eligible with reversing control and voltage booster installed in accordance with the propeller manufacturer's instructions.

NOTE 5.

Left-Hand Models. The left-hand version of an approved model propeller is eligible at the same rating and diameter limitations as listed for the right-hand model.

NOTE 6.

Interchangeable Blades. Not applicable.

NOTE 7.

Accessories.

- (1) Propeller deicing. Eligible with only Curtiss fluid or electrical deicing provisions.
- (2) Spinners. Eligible with only Curtiss spinner.

NOTE 8.

Shank Fairings. Not applicable.

NOTE 9.

Special Limits. Not applicable.

NOTE 10.

Special Notes. The word "eligible" as used herein does not signify approval. For approval, compliance with the applicable aircraft airworthiness requirements is necessary.

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