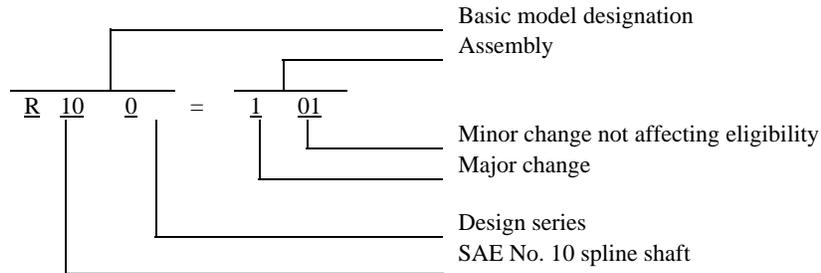


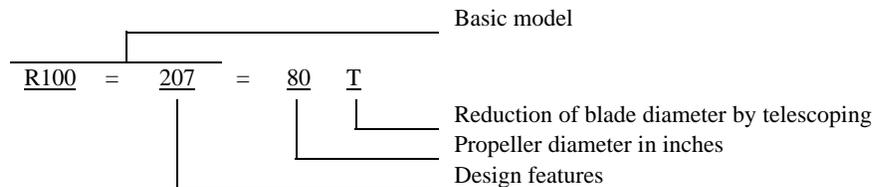
Certification Basis Civil Air Regulations Part 14 effective July 15, 1942.
Date of issuance of Type Certificate No. 832, November 27, 1945.
Date of application for Type Certificate unavailable.

Production Basis None

NOTE 1. Hub Model Designation. Hub model designation denotes basis model, shaft size, design series, hub assembly and design changes. For example:



NOTE 2. Blade Model Designation. The dash and number added to the basic model number indicates the propeller diameter in inches. This number suffixed by the letter "T" indicates that the basic diameter has been reduced by telescoping. Telescoped blades are eligible at the same rating and diameter limitations as cut-off blades. For example:



NOTE 3. Pitch Control. Eligibility with manual and electric controls only.
Weight of Controls:

Type	Weight
R100-400-A (Manual)	3 lbs.
R100-400-D (Manual Electric)	5 lbs.

NOTE 4. (a) Feathering. Not applicable.
(b) Reversing. Not applicable.

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. Only blades in the same group of the following listed groups are sufficiently similar aerodynamically to be considered interchangeable in the same diameter without flight tests. Blades with different model numbers, however, should not be incorporated in the same propeller, and reference should always be made to the ratings of the blades.

(a) R100-217, R100-238

The manufacturer is authorized to strip the varnish from propeller blades, and apply plastic covering as a service rework. The varnished blades and the corresponding blades with plastic covering are aerodynamically interchangeable in pairs. The letter "Y" or "Z" following the propeller serial number indicates that rework has been accomplished on the blades in this manner.

NOTES 7, 8 and 9. Not applicable.

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