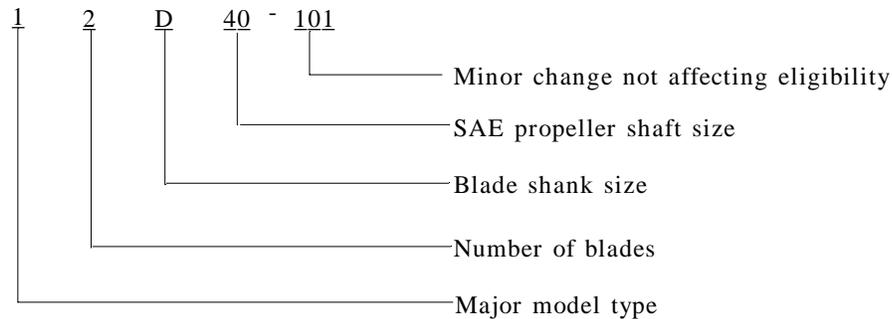


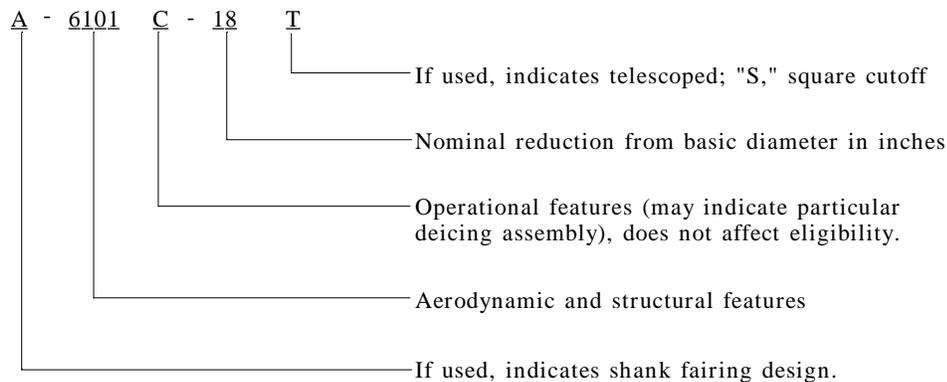
Certification basis Type Certificate No. 257

Production basis Production Certificate No. 14

NOTE 1. Hub Model Designation



NOTE 2. Blade Model Designation



The blade model designation suffixed with "T" indicates a diameter reduction by telescoping. Blade models with square cutoffs in accordance with Hamilton Standard blade drawings are suffixed with "S." Telescoped blades and blades with a square cutoff are eligible at the same ratings and diameter limits as blades with standard cutoff. Diameter limits shown are nominal diameters of the assembled propeller and do not include the $\pm 1/8$ inch manufacturing tolerance permissible for propellers with basic diameter less than 14 feet or $\pm 1/4$ inch permissible for propellers with basic diameter 14 feet or larger.

NOTE 3. Pitch Control. Eligible with Hamilton Standard manual control or constant speed governor only.

NOTE 4. (1) Feathering. Not applicable.
(2) 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. Blades with an "S" or "T" suffix (see NOTE 2) are not interchangeable aerodynamically or vibrationwise with each other or with blades having normal round cutoffs. Only blades listed in the same group of the following groups are aerodynamically similar. Only blades listed under the same type in any one group are structurally similar. A higher type number implies a higher strength. This is due to differences in alloys and in cold working of the blade surface.

Type 1 includes standard alloy non-surface treated blades; Type 2, hard alloy non-surface treated blades; Type 3, hard alloy blades with cold worked shanks; Type 4, hard alloy blades with cold worked shanks and shot peened surfaces.

The following defines the degree to which these blades may be used interchangeably in the same diameter without a flight performance test and without a vibration survey:

Type 2 blades may replace Type 1 blades in the same group, but not vice-versa.

Type 3 blades may replace either Type 1 or Type 2 blades in the same group, but not vice-versa.

Type 4 blades may replace either Type 1, Type 2, or Type 3 blades in the same group, but not vice-versa.

Reference should always be made to the ratings of the blades, and blades with different model numbers cannot be incorporated in the same propeller unless the aircraft specification specifically permits this.

| <u>Group</u> | <u>Type 1</u> | <u>Type 2</u> | <u>Type 3</u> | <u>Type 4</u> |
|--------------|---------------|---------------|---------------|---------------|
| (a) | 6167 | 6237 | — | — |

- NOTE 7. Accessories. Eligible with Hamilton Standard deicing slinger ring assemblies only.
- 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.

....END....