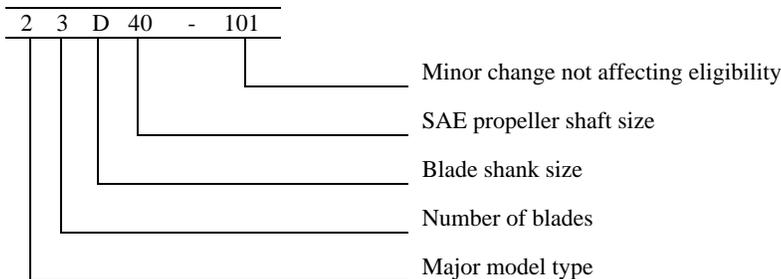


Blade Eligible (See Note 2)	Maximum Continuous		Takeoff		Diameter Limits (See Note 2)	Hub and Blade Weight (Max Diameter)	NOTES
	HP	RPM	HP	RPM			
6459-0 to 6459-24 6460 is the left-hand version of 6459.	850	1800	1000	1980	11' 6-5/16" - 9' 6-5/16" (-0 to -24)	301 lbs.	6 5
6505-0 to 6505-24 6506 is the left-hand version of 6505.	850	1800	1000	1980	11' 6-5/16" - 9' 6-5/16" (-0 to -24)	301 lbs.	6 5
6511-0 to 6511-24 6512 is the left-hand version of 6511.	850	1800	1000	1980	11' 6-5/16" - 9' 6-5/16" (-0 to -24)	301 lbs.	6 5
6529-0 to 6529-24 6530 is the left-hand version of 6529.	850	1800	1000	1980	11' 6-5/16" - 9' 6-5/16" (-0 to -24)	301 lbs.	6 5
6531-0 to 6531-24 6532 is the left-hand version of 6531.	825	2100	908	2310	9'6-5/16" - 7'6-5/16" (-0 to -24)	250 lbs.	6 5
6533-0 to 6533-24 6534 is the left-hand version of 6533.	850	2200	1000	2310	10' 5-1/16" - 8' 5/16" (-0 to -24)	261 lbs.	6 5
6535-0 to 6535-21 6536 is the left-hand version of 6535.	850	2100	1000	2310	10- 9-5/16" - 9' 5/16" (-0 to -21)	279 lbs.	6 5
6601-0 to 6601-26 6601-30S 6602 is the left-hand version of 6601.	550 700	1470 1350	600 800	1500 1465	11'6-5/16" (-0) to 9'4-5/16" (-26) 9' 5/16" (-30S)	327 lbs.	6 5
7005-0 to 7005-26 7005-30S 7006 is the left-hand version of 7005.	550 700	1470 1350	600 800	1500 1465	11'6-5/16" (-0) to 9'4-5/16" (-26) 9'5/16" (-30S)	327 lbs.	6 5
7035-0 to 7035-24 7036 is the left-hand version of 7035.	850	1800	1000	1980	11' 6-5/16" - 9' 6-5/16" (-0 to -24)	301 lbs.	6 5

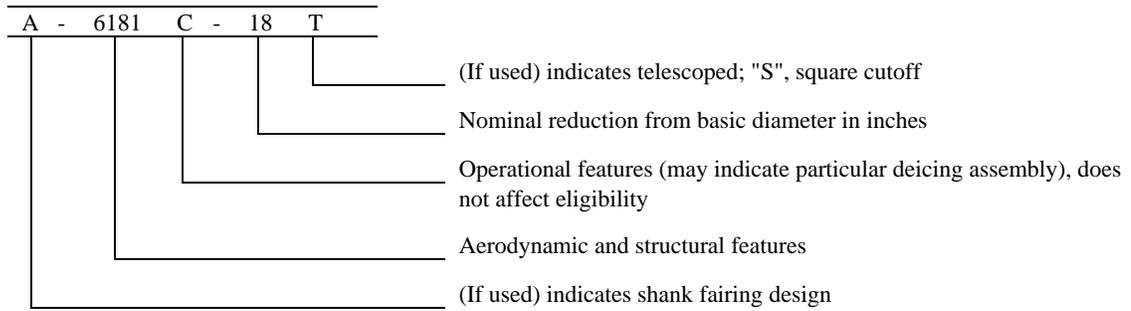
Certification basis
Production basis

Type Certificate No. 719, issued July 8, 1939.
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 cut-off are eligible at the same ratings and diameter limits as blades with standard cut-off. Diameter limits shown are nominal diameters of the assembled propeller and do not include the $\pm 1/8$ " manufacturing tolerance permissible for propellers with basic diameter less than 14 feet or $\pm 1/4$ " permissible for propellers with basic diameter 14 feet or larger.

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

NOTE 4. Feathering. Eligible with full feathering control 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. 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 nonsurface treated blades; Type 2, hard alloy nonsurface 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 certification specifically permits this.

	<u>Type 1</u>	<u>Type 2</u>	<u>Type 3</u>
Group (a)	6181, 6381, 6531		
Group (b)	6183, 6383, 6533		
Group (c)	6185, 6385, 6535		
Group (d)	6511, 6529	6459, 6505	7035
Group (e)		6601	7005

- NOTE 7. Accessories.
(a) Propeller Deicing. Eligible with Hamilton Standard deicing slinger ring assemblies.
(b) Propeller Spinner. Eligible with spinner supplied by Hamilton Standard.
- 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....