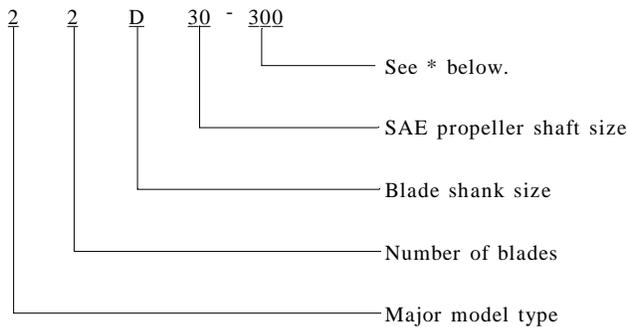


Blade Eligible (See Note 2)	Maximum Continuous		Takeoff		Diameter Limits (See Note 2)	Hub and Blade Weight (Max Diameter)	NOTES
	HP	RPM	HP	RPM			
6529-36 to 6529-42 6530 is the left-hand version of 6529.	500	2300	525	2300	8'6-5/16"-8'5/16" (-36 to -42)	196 lbs.	5
6531-0 to 6531-24 6532 is the left-hand version of 6531.	550	2300	605	2530	9'6-5/16"-7'6-5/16"	175 lbs.	6 5
6533-0 to 6533-24 6534 is the left-hand version of 6533.	650	2300	715	2530	10' 5/16"-8' 5/16" (-0 to -24)	182 lbs.	6 5
6535-0 to 6535-21 6536 is the left-hand version of 6535.	650	2200	715	2420	10'9-5/16"-9'5/16" (-0 to -21)	196 lbs.	6 5
6539-30 to 6539-36 6540 is the left-hand version of 6539.	640	1628	750	1785	10'6-5/16"-10'5/16" (-30 to -36)	218 lbs.	5
6593-18 to 6593-24 6594 is the left-hand version of 6593.	500	2300	525	2300	8'6-5/16"-8'5/16" (-18 to -24)	179 lbs.	5
6597-18 to 6597-30 6598 is the left-hand version of 6597	500	2300	525	2300	8'6-5/16"-7'6-5/16" (-18 to -30)	179 lbs.	5
6601-6 to 6601-24 6602 is the left-hand version of 6601.	700	1575	800	1735	11'5/16"-9'6-5/16" (-6 to -24)	221 lbs.	5
6961-18 to 6961-24 6962 is the left-hand version of 6961.	500	2300	525	2300	8'6-5/16"-8'5/16" (-18 to -24)	179 lbs.	5

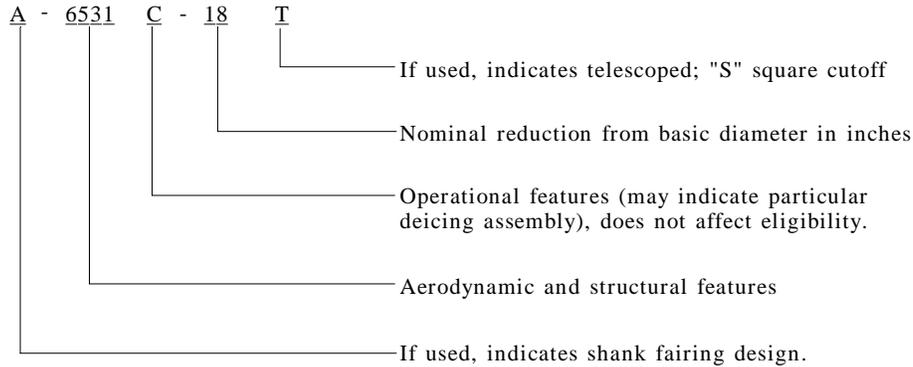
Certification basis
Production basis

Type Certificate No. 736
Production Certificate No. 14

NOTE 1. Hub Model Designation



*A dash number added to the propeller designation indicates minor changes which do not affect eligibility. If number is above 300 it also indicates the complete blade assembly and all of the rotating deicing system components.

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 3</u>
Group (a)	6181, 6381, 6531	
Group (b)	6183, 6383, 6533	
Group (c)	6185, 6385, 6535	
Group (d)	6593	6961
Group (e)	6597, 6597/SK14144*	

*6597 reworked to SK14144 concerns orientation of the blade bushing.

NOTE 7. Accessories.

(a) Propeller Deicing

- (1) Eligible with Hamilton Standard deicing slinger ring assemblies.
- (2) Eligible with Beech Aircraft deicing slinger ring assemblies, part numbers CO 69206 or 644-189656 and 644-189657. Additional weight of Beech slinger ring assembly - 1 pound.
- (3) Eligible with Goodrich No. 37572 propeller deicing fluid feed strips.

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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