HAMILTON STANDARD 23F PROPELLER T.C. 764

Type	Hydraulically controllable - feathering (see NOTES 3 and 4)
Blade shank	F
Engine shaft	SAE No. 60, SAE No. 50, or X (X indicates special shaft sizes for foreign engines are eligible)
Hub material	Steel
Blade material	Aluminum alloy
Number of blades	3
Hubs eligible	23F60, 23F50, and 23FX (see NOTE 1)

Blades Eligible (See NOTE 2)	Maximum Continuous HP	Maximum Continuous RPM	Takeoff HP	Takeoff RPM	Propeller Diameter Limits	Weight Complete (Max. Diameter) (lb.)	NOTES
6175A-0 to 6175A-42	1800	993	2000	1092	17'5/16" - 13'5/16" (-0 to -42)	696	6
6176A-0 is the left hand version of 6175A-0							5
6375A-0 to 6375A-42	1800	993	2000	1092	17'5/16" - 13'5/16" (-0 to -42)	696	6
6376A-0 is the left hand version of 6375A-0							5
6497A-0 to 6497A-36	2500	1020	3000	1080	17'5/16" - 14'5/16" (-0 to -36)	700	6
6498A-0 is the left hand version of 6497A-0							5
6521A-0 to 6521A-36	2500	1020	3000	1080	17'5/16" - 14'5/16" (-0 to -36)	700	6
6522A-0 is the left hand version of 6521A-0							5

Certification basis Type Certificate No. 764. (Expired 1/1/49. No propellers of this model manufactured after this date eligible for use on certificated aircraft.)

NOTE 1. Hub Model Designation. A dash and a number added to the hub model designation indicates a minor change which does not affect the eligibility.

NOTE 2. Blade Model Designation. A dash and a number (specifying inches) added to the blade model designation indicates that the propeller diameter is reduced from the design basic diameter specified by the number of inches indicated. This number suffixed with "T" indicates a reduction by Telescoping. Telescoped blades are eligible at the same ratings and diameter limitations as cut-off blades.

A blade model is eligible on an aircraft model when listed in the pertinent aircraft specification. However, the fact that a considerable large cut-off range is approved for a particular blade on this propeller specification should not be construed to mean that this entire diameter range is satisfactory on an airplane using a propeller with this blade. The aircraft specification indicates the minimum diameter to which a blade may be cut for use with each specific airplane and any reduction beyond this diameter requires engineering approval. The diameter range indicated on this specification for any particular propeller model merely indicates the range in diameter for which the propeller has been approved structurally at the speeds and powers listed.

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

NOTE 4. Feathering Control. Eligible with full feathering control installed in accordance with the propeller manufacturer's instruction.

NOTE 5. Left Hand Model. 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 listed in the same group of the following listed groups are sufficiently similar aerodynamically and vibrationwise to permit interchangeability in the same diameter without a flight test. 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.
Group (a) 6175A and 6375A
(b) 6497A and 6521A

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