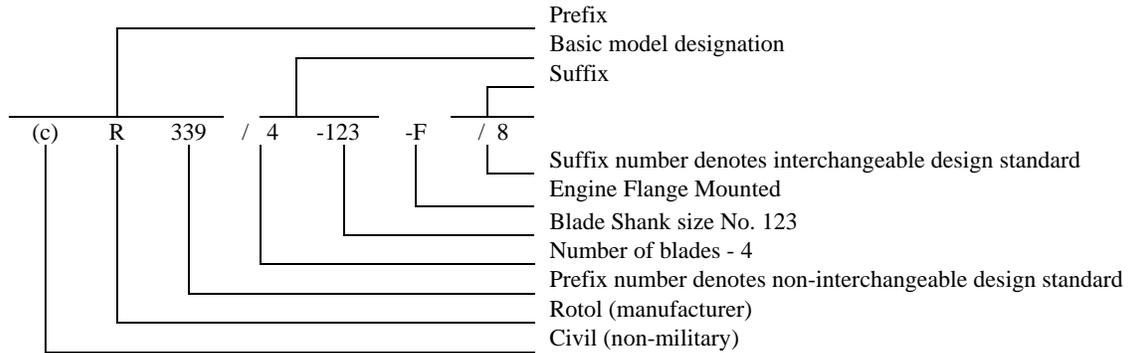


contained in FAA Advisory Circular 21-23, Airworthiness Certification of Civil Aircraft, Engines, Propellers and Related Products, Imported into the United States.

NOTES

Note 1. Propeller Model Designation. The model designation of a complete Dowty Rotol propeller assembly consists of the basic model designation with prefix and suffix letters and numbers as shown below:



The prefix number indicates the design series, and propellers with different prefix numbers are not generally interchangeable. Certain models may be interchanged as complete aircraft sets on the advice of the propeller manufacturer only.

The suffix number is used to record minor alterations which do not affect interchangeability.

Note 2. Blade Model Designation. Dowty Rotol propeller blades are identified by a serialized part number only which does not constitute a model designation. A dash number following the part number indicates the type of finish.

Note 3. Pitch Control. Eligible with Garrett governor type 3105648-3.

Note 4. (a) Feathering. Model incorporates feathering and unfeathering features by means of counterweights and Motor/Pump Unit. Eligible with Weldon Tool Company type 4049-A.

(b) Reversing. Model incorporates reversing feature.

Note 5. Rotation - (c)R.339: These propellers are designed and manufactured for left-hand tractor only.
(c)R.341: These propellers are designed and manufactured for right-hand tractor only.

Note 6. Interchangeable Blades. Only blades of the same part numbers are interchangeable and may be incorporated in the same propeller.

Note 7. Accessories.

(a) Propeller Deicing. Eligible with blade deicing to Dowty Rotol Drawing 660000908 for R.339 and 660000909 for (c)R.341.

(b) Spinners. Eligible with spinner (c) SB 16/4/1 and backplate 664005226 or (c) SB21/4/1 with bulkhead 664005227 of Dowty Rotol design.

Note 8. Not applicable.

Note 9. Approved Installations. Propellers listed in this data sheet are approved only for use on the engine-aircraft combinations shown below:

<u>Propeller Model</u>	<u>Aircraft Model</u>	<u>Engine Model</u>	<u>FAA Specification or TC Data Sheet</u>	
			<u>Aircraft</u>	<u>Engine</u>
(c)R.339/4-123-F/8	Piper PA 42-1000 (Cheyenne IV)	Garrett-AiResearch TPE-331-14 TPE-331-14	A23SO	E18WE

(c)R.341/4-123-F/9	Piper PA-42-1000 (Cheyenne IV)	Garrett-AiResearch TPE-331-14
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Note 10. The word "eligible" as used herein does not signify approval as part of this type certificate. "Eligible accessories and pitch controls must be approved as part of the aircraft type certificate upon compliance with the applicable aircraft airworthiness requirements."

Note 11. Limitations - Types (c)R.339/4-123-F/8 and (c)R.341/4-123-F/9.

All maintenance ground running at engine torques between 30 percent and 50 percent of the maximum takeoff rating must be accomplished at engine speed of 100 percent and with the aircraft headed into the wind $\pm 30^\circ$.

Note 12. Service Information. Each of the documents listed below must state that it is approved by the European Aviation Safety Agency (EASA) or – for approvals made before September 28, 2003 – by the UKCAA. Any such documents are accepted by the FAA and are considered FAA approved.

- Service bulletins,
- Structural repair manuals,
- Vendor manuals,
- Aircraft flight manuals, and
- Overhaul and maintenance manuals.

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