

**DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION**

P-873 Revision 10 Textron Aviation 215 October 12, 2016

TYPE CERTIFICATE DATA SHEET NO. P-873

Propellers of models described herein conforming with this specification and approved data on file with the Civil Aeronautics Administration are rated as airworthy for use in certificated aircraft in accordance with pertinent aircraft specifications and applicable portions of the Civil Air Regulations provided they are installed, operated, and maintained as prescribed by the manufacturer.

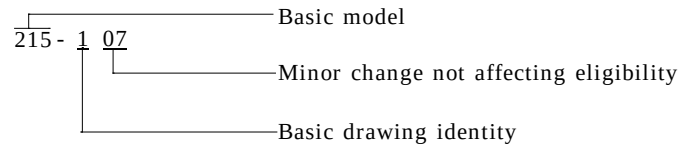
Type Certificate Holder	Textron Aviation Inc. One Cessna Boulevard Wichita, KS 67215
Type Certificate Holder Record	Beech Aircraft Company transferred to Raytheon Aircraft Company on April 15, 1996 Raytheon Aircraft Company transferred to Hawker Beechcraft Corporation on March 26, 1007 Hawker Beechcraft Corporation transferred to Beechcraft Corporation on April 12, 2013 Beechcraft Corporation transferred to Textron Aviation Inc. on October 12, 2016
Type	Manually controllable and constant speed; electric (see NOTE 3)
Engine shaft	SAE # 20
Hub material	Steel
Blade material	Aluminum alloy
Number of blades	2
Hub model eligible	215-100 series

Blades Eligible (See Note 2)	Maximum <u>Continuous</u>		<u>Takeoff</u>		Diameter Limits	Approx. Max. Wt. Complete (for reference only) (See Notes 3 and 7)
	HP	RPM	HP	RPM		
215-207-88 to 215-207-82	275	2600	285	2800	88" - 82"	68 lbs.
215-213-84 to 215-213-82	275	2600	285	2800	84" - 82"	68 lbs.

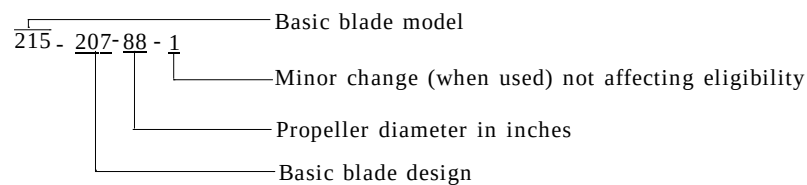
Certification Basis Type Certificate No. 873

Production Basis Production Certificate No. 501

NOTE 1. Hub Model Designation



NOTE 2. Blade Model Designation



NOTE 3. Pitch Control Eligible.

Additional Weights

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|--|--------|
| (a) Propeller Assembly 215-106, manual electric;
Motor Part No. B900-104 | 5 lbs. |
| (b) Propeller Assembly 215-110, manual electric;
Motor Part No. 215-110 | 3 lbs. |
| (c) Propeller Assembly 215-108, constant speed;
Motor Part No. 215-210 | 3 lbs. |
| Flight Research Engineering Corp. Governor, Model 31A | 7 lbs. |
| (d) Propeller Assembly 215-113, constant speed;
B200-241 or B200-239 governor, B200-236 motor | |

- NOTE 4. (a) Feathering. Not applicable
 (b) 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. 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.

Group (a) 215-207, 215-213 (blades are identical when cut to same length).

NOTE 7. Accessories. Eligible with Beech Model 35-960026 spinner (weight 3 lbs.).

NOTE 8. Not applicable.

NOTE 9.

Table of Propeller-Engine CombinationsApproved Vibrationwise for Use on Single-Engine Tractor Aircraft

The maximum and minimum propeller diameters that can be used from a vibration standpoint are shown below. No reduction below the minimum diameter listed is permissible since this figure includes the diameter reduction allowable for repair purposes.

Blade Model	Engine Model	Max. Dia. (inches)	Min. Dia. (inches)	Placards
215-207-88	Continental E-165	88	86	None
	Continental E185-1, -8, -11; serial nos. below 22183	88	86	None
	Continental E185-1, -8, -11; serial nos. 22183 and above	88	82	None
	Continental E225-8; serial nos. below 30087	88	86	None
	Continental E225-8; serial nos. 30087 and above	88	82	None
215-213-84	Continental E185-1, -8, -11; serial nos. 22183 and above	84	82	None
	Continental E225-8; serial nos. 30087 and above	84	82	None

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