DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

P2NE
RUSSELL
All wood propellers

April 2, 1982

TYPE CERTIFICATE DATA SHEET NO. P2NE

Propellers of models described herein conforming with this data sheet and other approved data on file with the Federal Aviation Administration meet the minimum standards for use in certificated aircraft in accordance with pertinent aircraft data sheets and applicable portions of the Federal Aviation Regulations provided they are installed, operated, and maintained as prescribed by the approved manufacturer's manual and other approved instructions.

Type Certificate Holder — Russell Aircraft Services
135 Division Street RD #2
Galway, New York 12074

Type — Fixed pitch wood
Material — Laminated mahogany and white ash
Number of blades — Two

					Hub Drillng			Hub Dimensions		
Model (See Note 2)	Maximum Continuous* HP	RPM	Diameter (In.)	Standard Pitch (in.)	No. Holes	Dia. Holes (in.)	Dia. Bolt Circle (in.)	Dia. (in.)	Thickness (in.)	Weight (lb.)
72 MR	160	2700	72	70.50	6	29/64	4-3/4	6.50	3.25	12

*Takeoff rating is same as maximum continuous.

Certification basis — Federal Aviation Regulation Part 35 thru amendment 35-5 effective October 14, 1980.

Production basis — APIS (Approved Production Inspection System)

NOTE 1. Installation: Installation is in accordance with AC No. 43.13-1A. Chapter 12, Section 5.

Installation of wood propellers must be on crankshafts equipped with SAE No. 2 flange and a face plate of 6-1/8 inch diameter and 1/4 inch thickness. A solid 1-1/4 inch aluminum spacer is optional for this installation.

NOTE 2. Model Designation:

72 MR 70

- 70 — Identifies pitch in inches
- MR — Identifies manufacturer
- 72 — Denotes model identified by diameter in inches

NOTES 3, 4, 5, 6, 7, 8, and 9. Not applicable.

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