DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

P-820 Revision No. 17

TARVER
(BROWN PROPELLER)
(SOUTH 80)
(UNIVAIR)
(KOPPERS)

F200 F200-H September 17, 2003

TYPE CERTIFICATE DATA SHEET NO. P-820

Propellers of models described herein conforming with this data sheet (which is part of Type Certificate No. 820) 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 manuals and other approved instructions.

Type Certificate Holder Tarver Propellers, LLC

1500 Rio Vista Drive, Hangar C4

Fallon, Nevada 89406

Type Automatic; mechanical (See NOTE 3)

Engine Shaft SAE No. 1, No. 2, No. 3 flanges; special flanges

Hub Material Steel

Blade Material Laminated birch or maple veneer with varnish or plastic covering all over, and with

monel or stainless steel tipping. (See NOTE 2)

No. of Blades Two

Hub Models F200, F200-H (See NOTES 1 and 3)

						Approx. Maximum
Blades	Maximum					Weight Complete
Eligible	Continuous		Takeoff		Diameter	(For reference only)
(See Note 2)	HP	RPM	HP	RPM	Limits	(See Note 3)
OO-72B	65	2550	65	2550	72"	31 lbs.
OO-72C	150	2600	150	2800	72"	31 lbs.
OO-72D	150	2600	150	2800	72"	31 lbs.
OO-72E	150	2600	150	2800	72"	31 lbs.
OO-72F	150	2600	150	2800	72"	31 lbs.
OO-73D	150	2600	150	2800	73"	31 lbs.
OO-73E	150	2700	150	2800	73"	31 lbs.
OO-73F	150	2600	150	2800	73"	31 lbs.
OO-74A	150	2600	150	2800	74"	31 lbs.
OO-74B	165	2800	165	2800	74"	31 lbs.
OO-74C	165	2800	165	2800	74"	31 lbs.
OO-74E	180	2800	180	2800	74"	33 lbs.
OO-76B	165	2800	165	2800	76"	33 lbs.
OO-78B	150	2600	150	2800	78"	33 lbs.

Certification Basis

Civil Air Regulations Part 14 effective July 15, 1942.

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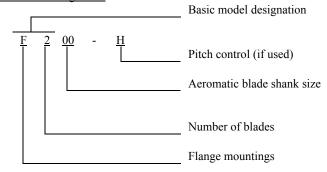
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Date of issuance of Type Certificate No. 804: May 16, 1945. Date of application for Type Certificate unavailable.

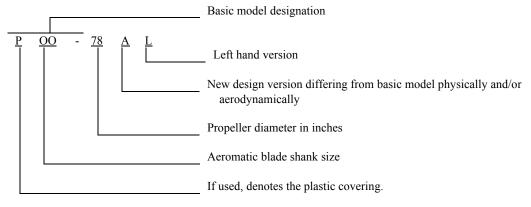
Production Basis

None

NOTE 1. Hub Model Designation.



NOTE 2. Blade Model Designation.



NOTE 3. Pitch Control.

The model F200 is automatic in operation, and requires no controls. The Model F200-H incorporates a manual-hydraulic pitch control which provides improved performance at altitude. (Weight - Hydraulic cylinder - 1-3/4 lbs. Control valve, transfer block, control cable and oil lines - 6 lbs. approximately - dependent on installation.)

NOTE 4. Not applicable.

NOTE 5. <u>Left Hand Models</u>. 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. <u>Interchangeable Blades</u>. Blades must be used only in pairs which have been matched in accordance with the manufacturer's instructions.

Plastic covered blades with a "P" in the model designation are interchangeable with plastic covered blades without a "P" in the model designation.

NOTES 7, 8 and 9. Not applicable.

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