

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION TYPE CERTIFICATE DATA SHEET XXXX	TCDS NUMBER: P30BO REVISION: Basic HOFFMANN MODEL: HO-V 373 Date: April 24, 2008
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Propellers of models described herein conforming with this data sheet (which is part of Type Certificate No. P30BO) 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 and other approved instructions.

Type Certificate Holder Hoffmann GmbH & Co.KG
 Kuepferlingstr. 9
 D-83022 Rosenheim
 Federal Republic of Germany

Type Variable pitch; hydraulic (See Notes 3 and 4)

Engine shaft Mounting flange ARP 502 mod. 1/2" - 20 UNF studs, 4.75" diameter boltcircle, center bore 2.2511" - 2.2531" dia

Hub material Aluminum alloy

Blade material: Laminated wood composite structure, epoxy-fiber glass cover with metal tipping

Number of blades Three

Hub Model HO-V 373

Hub(Model) HO-V373 (See Note 1)	Propeller blade (See Note 2)	Maximum Continuous		<Takeoff>		Nominal Diameter inch [cm]	Blade twist limits in deg.*		Approximate weight lbs/[kg]**
		HP	rpm	HP	rpm		min.	max.	
() - D	() 270FU	200	1250	200	1250	106.3 +/-3.94 in (270 +/- 10)	0	50	81.6 (37)
		(149)	1250	(149)	1250				

*) The limits of the blade twist are defined to be between 0.2 through 1.0 blade radius.

**) Includes spinner weight.

Certification Basis The U.S. certification basis determined under Section 21.29 of the FAR and Bilateral Airworthiness Agreement between the United States and the Federal Republic of Germany is FAR 35, effective February 1, 1965, Amendments 35-1 to 35-6, inclusive. Joint Airworthiness Requirements JAR-P Propellers, Change 7 inclusive.

Luftfahrt-Bundesamt (LBA) originally type certificated this propeller under its type certificate Number 32.130 / 096. The FAA validated this product under U.S. Type Certificate Number P30BO. Effective September 23, 2003, the European Aviation Safety Agency (EASA) began oversight of this product on behalf of the Federal Republic of Germany.

TC (Import) No: LBA-Data Sheet No. 32.130 / 96, April 20, 2001

TC Application Date: December 5, 2006

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TC Issued: April 24, 2008

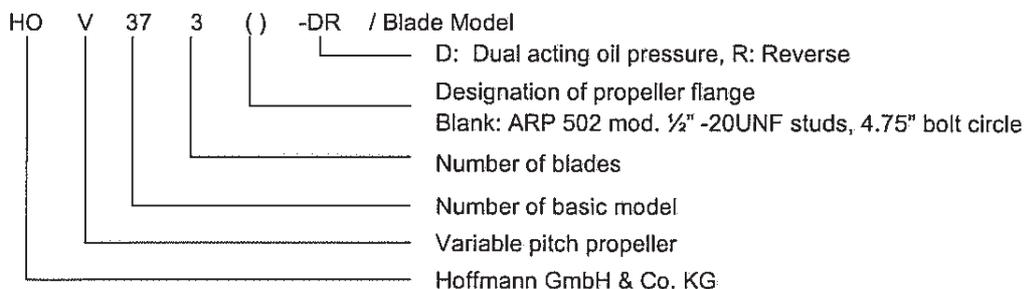
Import Requirements

To be considered eligible for installation on U.S. registered aircraft, each propeller to be exported to the United States shall be accompanied by a Certificate of Airworthiness for export endorsed by the LBA on behalf of the European Community which contains the following language:

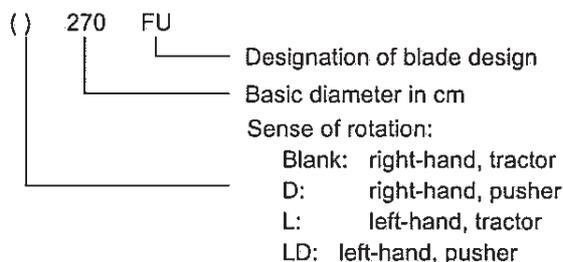
(1) This propeller conforms to its United States type design (Type Certificate Number P30BO) and is in a condition for safe operation.

(2) This propeller has been subjected by the manufacturer to a final operational check and is in a proper state of airworthiness. Reference FAR Section 21.500 which provides for the airworthiness acceptance of aircraft engines or propellers manufactured outside the U.S. for which a U.S. type certificate has been issued. Additional guidance is contained in FAA Advisory Circular 21-23, Airworthiness Certification of Civil Aircraft, Engines, Propellers and Related Products, imported into the United States.

NOTE 1: Hub Model Designation



NOTE 2: Blade Model Designation



NOTE 3: Pitch Control. The dual acting propeller control system consists of propeller and airframe components. Hoffmann provides a Beta-Valve, which is part of the propeller hub assembly and an actuation Beta-Tube. The Beta-Tube is controlled by an actuator and control system which is supplied by the airframe manufacture and is not part of the propeller type design.

NOTE 4: Pitch change range. +35 to -25 degrees

NOTE 5: Left-hand Models. The left-hand version of an approved model propeller is eligible at the same rating and diameter as listed for the right-hand model. See note 2.

NOTE 6: Interchangeability. Not applicable

NOTE 7: Accessories.

(a) Propeller spinner

Eligible with Hoffmann type certificated spinners, Wt. 4.0 lb.

NOTE 8: Shank Fairings. Not applicable

NOTE 9: Special Limits. Propeller Model HO-V373 cannot be installed on airplanes. These propellers are limited to airship installations and operation.

NOTE 10: Special Notes. Aircraft installations must be approved as part of the aircraft type certificate and demonstrate compliance with the applicable aircraft airworthiness requirements.

NOTE 11: 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 LBA. 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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