

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION TYPE CERTIFICATE DATA SHEET P19BO	TCDS NUMBER P19BO REVISION: 4 MT-PROPELLER COMPANY MODEL: MT () () ()-1 () MT () () ()-2 () MT () () ()-3 () MT () () ()-4 () MT () () ()-6 () May 3, 2016
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Propellers of models described herein conforming with this data sheet (which is part of this Type Certificate No. P19BO) and other approved data on file with the Federal Aviation Administration, meet the minimum standards for use in certified 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 approved manufacturer's manual and other approved instructions.

TYPE CERTIFICATE HOLDER MT-Propeller Entwicklung GmbH
 Flugplatzstrasse 1
 D-94348 Atting
 Germany

TYPE Single piece, fixed-pitch, two-bladed

MATERIAL Laminated wood composite structure, with or without epoxy-fiber glass cover, with leading edge erosion protection

NUMBER OF BLADES 2 (two)

DESIGN SERIES MT () () ()-1 (), MT () () ()-2 (), MT () () ()-3 (), MT () () ()-4 (), MT () () ()-6 ()

Model (See Note 3)	Maximum Continuous		Takeoff		Maximum Diameter Inch (cm)	Standard Pitch* Inch (cm)		Approximate Weight lbs. (kg)
	HP (kW)	RPM	HP (kW)	RPM		Min.	Max.	
MT () () ()-1 ()	87 (65)	3600	87 (65)	3600	63 (160)	16 (40)	63 (160)	7.1 (3.2)
MT () () ()-2 ()	134 (100)	2800	134 (100)	2800	72 (183)	24 (60)	67 (170)	12.1 (5.5)
MT () () ()-3 ()	161 (120)	2700	161 (120)	2700	74 (188)	35 (89)	75 (190)	14.8 (6.7)
MT () () ()-4 ()	180 (134)	2700	180 (134)	2700	74 (188)	35 (90)	75 (190)	17.4 (7.9)
MT () () ()-4 ()	210 (156)	2340	209 (156)	2340	79 (200)	39 (100)	79 (200)	20.3 (9.2)
MT () () ()-6 ()	150 (111)	2300	149 (111)	2300	83 (211)	39 (100)	83 (210)	21.2 (9.6)
MT () () ()-6 ()	300 (224)	2200	300 (224)	2200	92 (233)	39 (100)	83 (210)	28.2 (12.8)
MT () () ()-6 ()	225 (168)	2100	225 (168)	2100	98 (248)	39 (100)	83 (210)	29.1 (13.2)
MT () () ()-6 ()	240 (179)	2000	240 (179)	2000	101 (256)	39 (100)	83 (210)	29.8 (13.5)

* Standard Pitch at 75% Radius Station

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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 35-7, inclusive.

European Aviation Safety Agency (EASA) type certificated this propeller under type certificate EASA P.006. The FAA validated this product under U.S. Type Certificate Number P19BO. Effective September 28, 2003, the EASA began oversight of this product on behalf of the Federal Republic of Germany.

TC APPLICATION DATE: May 17, 1999

TC ISSUED: November 1, 1999, Revised May 5, 2005, Revised April 14, 2010

TC (IMPORT) NO. EASA P.006

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 P19BO) and is in a condition for safe operation.

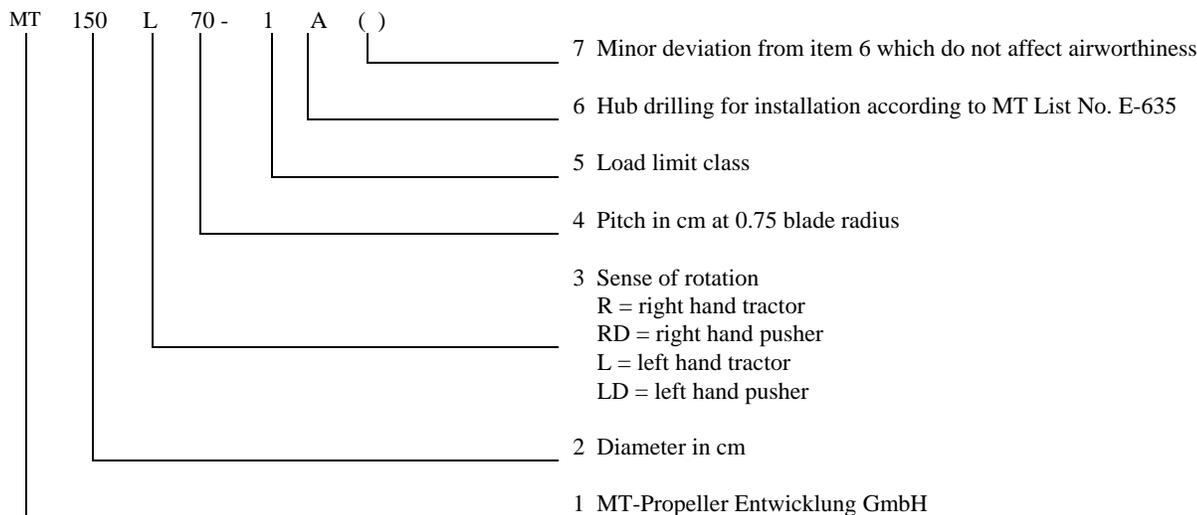
(2) This propeller has been subjected by the manufacture to a final operational check and is in a proper state of airworthiness. Reference FAR Section 21.500 which provides for the airworthiness acceptance of aircraft engines or propellers manufactured outside the U.S. for which a U.S. type certificate 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.

NOTES

NOTE 1. Installation is to be made with special steel bolts with/without spacers, with/without spinners as required which are either furnished or specified by the propeller manufacturer.

NOTE 2. All MT Fixed Pitch Propellers are to be operated within the limits of MT-Propeller Operation and Installation Manual No. E-112.
Propeller Maintenance, or overhaul, and airworthiness limitations shall be accomplished in accordance with MT-Propeller Overhaul Manual No. E-497 for Fixed Pitch Propellers.

NOTE 3. MODEL DESIGNATION:



NOTE 4. Special notes: (a) Aircraft installations must be approved as part of the aircraft type certificate and demonstrate compliance with the applicable airworthiness requirements.

NOTE 5 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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