



**AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL - BRASIL**

**TYPE CERTIFICATE DATA SHEET Nº EH-2010T02-00**

Type Certificate Holder:

**MT-PROPELLER ENTWICKLUNG GmbH**

Flugplatzstrasse 1

D-94348 Atting

**GERMANY**

EH-2010T02-00

Sheet 01

MT-PROPELLER

MT () () () – 1 ()

MT () () () – 2 ()

MT () () () – 3 ()

MT () () () – 4 ()

MT () () () – 6 ()

20 January 2010

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Propellers of models described herein conforming with this data sheet, which is part of Type Certificate No.2010T02, meet the minimum standards for use in certificated aircraft in accordance with pertinent aircraft data sheets and applicable portions of the Brazilian Aeronautical Regulations provided they are installed, operated, and maintained as prescribed by the approved manufacturer's manuals and other instructions.

<b>TYPE</b>	Single piece, fixed-pitch, two-bladed
<b>ENGINE SHAFT</b>	Flange types and designation according to MT List No. E-635
<b>HUB MATERIAL</b>	Not applicable (single piece wooden propeller)
<b>BLADE MATERIAL</b>	Laminated wood composite structure, with or without epoxy-fiber glass cover, with leading edge erosion protection
<b>NUMBER OF BLADES</b>	Two

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**PROPELLER MODEL DESIGNATIONS**

Model (see note 2)	Max.Cont. Power (Take Off)		Blade-pitch at 0.75 R		Max Diameter		Approx. Weight	
	hp	(rpm)	cm	(in)	cm	(in)	kg	(lb)
MT ()()()- 1 ()	87	(3600)	40-160	(16-63)	160	(63)	3.2	(7.0)
MT ()()()- 2 ()	134	(2800)	60-170	(23-67)	183	(72)	5.5	(12.1)
MT ()()()- 3 ()	161	(2700)	89-190	(35-75)	188	(74)	6.7	(14.7)
MT ()()()- 4 ()	180	(2700)	90-190	(35-75)	188	(74)	7.9	(17.4)
MT ()()()- 4 ()	210	(2340)	100-200	(39-79)	200	(79)	9.2	(20.2)
MT ()()()- 6 ()	150	(2300)	100-210	(39-83)	211	(83)	9.6	(21.1)
MT ()()()- 6 ()	225	(2100)	100-210	(39-83)	248	(98)	13.2	(29.1)

**CERTIFICATION BASIS** RBHA 21.29 and RBHA 35, which endorses the 14 CFR Part 35 effective February 1, 1965, Amendments 35-1 to 35-7, inclusive.

**TYPE CERTIFICATION**

Wooden Fixed Pitch Propeller MT ()	Application 21 May 2008	Issued TC 20 January 2010
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**PRODUCTION BASIS**

Not applicable

**IMPORT REQUIREMENTS**

Each propeller imported separately and/or spare parts must be accompanied by an Airworthiness Certificate for Export and/or an Airworthiness Approval Tag, respectively, issued by EASA, attesting that the particular propeller and/or parts were submitted to the governmental quality control before delivery and are in conformity with the ANAC approved type design.

**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: MT 150 L 70 - 1 A ( ) where:

MT MT-Propeller Entwicklung GmbH

150 Diameter in cm

L Sense of rotation

R = Right hand tractor

RD = Right hand pusher

L = Left hand tractor

LD = Left hand pusher

70 Pitch in cm at 0.75 blade radius

1 Load limit class

A Hub drilling for installation according to MT List No. E-635

( ) Minor deviation from item above which do not affect airworthiness

**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 ANAC and are considered ANAC approved.

- Service bulletins,
- Structural repair manuals,
- Vendor manuals,
- Aircraft flight manuals, and
- Overhaul and maintenance manuals.

**ADEMIR ANTÔNIO DA SILVA**  
Gerente Geral - Certificação de Produto Aeronáutico  
(Manager, Aeronautical Product Certification)