

## **SERVICE INFORMATION No. SI 42-181**

## **SERVICE INFORMATION No. SI 42NG-044**

**NOTE:** SI's are used only:  
1) To distribute information from DAI to our customers.  
2) To distribute applicable information/documents from our suppliers to our customers with additional information.  
Typically there is no revision service for SI's. Each new information or change of that will be sent along with a new SI.

### **I. TECHNICAL DETAILS**

#### **1.1 Airplanes affected:**

All DA 42 /M /NG /M-NG airplanes equipped with MT-Propeller governors

#### **1.2 Subject:**

MT-Propeller Service Bulletin No. 27

ATA-Code: 61-00

#### **1.3 Reason:**

MT-Propeller has issued Service Bulletin No. 27 mandating an inspection and modification of certain governor type- and serial numbers manufactured, overhauled or repaired from May 2012 till Jan 2013.

#### **1.4 Information:**

For detailed technical information refer to MT-Propeller SB No. 27 which is applicable without any further additions or restrictions.

### **II. OTHERS**

In case of doubt contact MT-Propeller GmbH.



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**Subject:** MT-Propeller Governors inspection and upgrade for Governor Models manufactured from May 2012 till Jan 2013 or Overhauled/Repaired with a new governor base from May 2012 till Jan 2013.

**To:** All owners/operators of MT-Propeller Governors.

**Type Affected:** All Governor listed by type and serial number on page 3, 4 which were manufactured from May 2012 till Jan 2013 or Overhauled/Repaired with a new governor base from May 2012 till Jan 2013.

**Accomplishment:** Inspection and replacement of the governor installed on the aircraft if it is affected by this Service Bulletin.  
Modified governors will show the marking "NC" on the governor base on the side of the governor type and serial number marking.

**Reason:** At the required inspection during overhaul/repair a rotating guide bushing was found in the governor base plate. The base plate must be replaced with a new base plate without this guide bushing installed.

***This rotating bushing can lead in operation to an overspeed or underspeed condition.***

**Action:** All Governor Types which are new and were never installed should be modified before first installation / use.

**Governors with feathering installed**  
(P-871-X/P-881-X / P-875-X / P-877-X/ P-883-X/P-885-X/P-971-X/P-981-X)  
with less than 100 hours of operation must be modified or replaced within the next 25 hours of operation, or by October, 2013.

**Governors with decrease pitch function for counterweighted propellers**  
(P-870-X/P-880-X/P-970-X/P-980-X)  
with less than 100 hours of operation must be modified or replaced within the next 50 hours of operation, or by January, 2014.

This Service Bulletin has been approved according the procedures established for the EASA-certified Design Organization No.: EASA.21J.020.

<p>Checked / Approved: Head, Office of Airworthiness</p> <p><i>Josef Eberl</i></p> <p>Josef Eberl Date: February 20, 2013</p>	<p>Edition:</p> <p><i>Martin Albrecht</i></p> <p>Martin Albrecht Date: February 20, 2013</p>	<p>Page 1 of 4</p>
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**Governors with increase pitch function for standard propellers**  
(P-850-X / P-853-X / P-860-X / P-863-X)  
with less than 100 hours of operation must be modified or replaced  
within the next 50 hours of operation of operation, or by March, 2014.

**Governors with feathering installed**  
(P-871-X / P-881-X / P-875-X / P-877-X / P-883-X / P-885-X / P-971-X / P-981-X)  
with more than 100 hours of operation must be modified or replaced  
within the next 50 hours of operation, or by October, 2013.

**Governors with decrease pitch function for counterweighted propellers**  
(P-870-X / P-880-X / P-970-X / P-980-X)  
with more than 100 hours of operation must be modified or replaced  
within the next 100 hours of operation, or by January, 2014.



**Governors with increase pitch function for standard propellers**  
(P-850-X / P-853-X / P-860-X / P-863-X)  
with more than 100 hours of operation must be modified or replaced  
within the next 100 hours of operation, or by March, 2014.

During the above shown replacement/upgrade times MT-Propeller will cover the  
modification costs of the governor base plate and returning the governor back to  
service with the applicable release certificates.

Contact: MT-Propeller Entwicklung GmbH  
Flugplatzstr. 1  
94348 Atting  
Germany  
e-mail: [techsupport@mt-propeller.com](mailto:techsupport@mt-propeller.com)

**Affected Governor Models and Serial Numbers see next pages !**

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Affected Governor Models with Serial Number:

Governor-Model	Serial-number	Governor-Model	Serial-number	Governor-Model	Serial-number
P-850-3	12G313G	P-853-12	12G457FF	P-860-4	12G302G
P-850-12	12G260F	P-853-16	12G408FE	P-860-4	12G303G
P-850-12	12G261F	P-860-2	12G372F	P-860-4	12G304G
P-850-12	12G262F	P-860-2	12G417F	P-860-4	12G305G
P-850-12	12G325F	P-860-2	12G458F	P-860-4	12G314G
P-850-12	12G326F	P-860-3	12G263G	P-860-4	12G396G
P-850-12	12G350F	P-860-3	12G369G	P-860-4	12G418G
P-850-12	12G351F	P-860-3	12G409G	P-860-4	12G421G
P-850-12	12G384F	P-860-3	12G410G	P-860-4	12G422G
P-850-12	12G385F	P-860-3	12G411G	P-860-4	12G423G
P-850-12	12G386F	P-860-3	12G412G	P-860-4	12G424G
P-850-12	12G387F	P-860-3	12G413G	P-860-4	12G425G
P-850-12	12G444F	P-860-3	12G414G	P-860-4	12G426G
P-850-12	12G445F	P-860-3	12G415G	P-860-4	12G427G
P-850-12	12G448F	P-860-3	12G472G	P-860-4	12G428G
P-850-12	12G459F	P-860-3	13G003G	P-860-4	12G429G
P-850-12	12G460F	P-860-3	13G004G	P-860-4	12G430G
P-850-12	12G461F	P-860-3	13G005G	P-860-4	12G431G
P-850-12	12G462F	P-860-3	13G006G	P-860-4	12G432G
P-850-12	12G463F	P-860-4	12G276G	P-860-4	12G433G
P-850-12	12G464F	P-860-4	12G277G	P-860-4	12G434G
P-850-12	12G465F	P-860-4	12G278G	P-860-4	12G435G
P-850-12	12G467F	P-860-4	12G279G	P-860-4	12G436G
P-850-12	12G468F	P-860-4	12G280G	P-860-4	12G437G
P-850-12	12G469F	P-860-4	12G281G	P-860-4	12G438G
P-850-12UL	12G306F	P-860-4	12G282G	P-860-4	12G439G
P-850-12UL	12G375F	P-860-4	12G283G	P-860-4	12G440G
P-850-12UL	12G376F	P-860-4	12G284G	P-860-4	12G446G
P-850-12UL	12G452F	P-860-4	12G285G	P-860-4	12G454G
P-850-12UL	12G453F	P-860-4	12G286G	P-860-4	12G474G
P-850-12UL	12G470F	P-860-4	12G287G	P-860-4	12G475G
P-850-12UL	12G471F	P-860-4	12G288G	P-860-4	12G492G
P-850-12UL	12G502F	P-860-4	12G289G	P-860-4	13G007G
P-850-12UL	12G503F	P-860-4	12G290G	P-860-4	13G008G
P-850-12UL	12G504F	P-860-4	12G291G	P-860-4	13G009G
P-850-12UL	12G505F	P-860-4	12G292G	P-860-4	13G010G
P-850-12UL	12G506F	P-860-4	12G293G	P-860-4	13G011G
P-850-12UL	12G507F	P-860-4	12G294G	P-860-4	13G012G
P-850-12UL	13G029F	P-860-4	12G295G	P-860-4	13G013G
P-850-12UL	13G030F	P-860-4	12G296G	P-860-4	13G014G
P-850-12UL	13G031F	P-860-4	12G297G	P-860-4	13G015G
		P-860-4	12G298G	P-860-4	13G016G
		P-860-4	12G299G	P-860-4	13G017G
		P-860-4	12G300G	P-860-4	13G018G
		P-860-4	12G301G	P-860-4	13G019G

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Affected Governor Models with Serial Number: to be continued

Governor-Model	Serial-number	Governor-Model	Serial-number	Governor-Model	Serial-number
P-860-4	13G020G	P-875-43	12G364G	P-885-43	12G490G
P-860-4	13G021G	P-875-43	12G442G	P-885-43	12G491G
P-860-4	13G022G	P-875-43	12G486G	P-887-50	12G310FF
P-860-4	13G023G	P-875-43	12G487G	P-970-2	12G321F
P-860-4	13G024G	P-875-43	12G488F	P-970-2	12G400F
P-860-4	13G025G	P-875-60C	12G322G	P-970-6	12G455F
P-860-4	13G026G	P-877-16	09G336FE	P-980-9	12G466F
P-860-5	12G419G	P-877-16	12G493FE	P-980-16	12G447F
P-860-23	12G329G	P-880-3	12G365G	P-980-26D	06G558F
P-860-23	12G330G	P-880-3	12G416G	P-980-26D	08G053F
P-860-23	12G331G	P-880-4	12G441G	P-980-31D	07G003F
P-860-23	12G332G	P-880-4	12G307G	P-980-31D	07G004F
P-860-23	12G333G	P-880-4	12G308G	P-980-31D	12G391F
P-860-23	12G334G	P-880-5	12G312G		
P-860-23	12G352G	P-880-5	12G323G		
P-860-23	12G366G	P-880-5	12G339G		
P-863-4	12G368G	P-880-5	12G367G		
P-863-50	12G353FF	P-880-5	12G370G		
P-871-52	12G397F	P-880-5	12G371G		
P-871-52	12G398F	P-880-5	12G377G		
P-871-52	12G401F	P-880-5	12G378G		
P-871-52D	12G358F	P-880-5	12G381G		
P-874-14A	12G481F	P-880-5	12G383G		
P-874-14A	12G494F	P-880-5	12G389G		
P-875-12	06G572D	P-880-5	12G392G		
P-875-12	12G258F	P-880-5	12G393G		
P-875-12	12G259F	P-880-5	12G399G		
P-875-12	12G324F	P-880-5	12G495G		
P-875-12	12G335F	P-880-37	12G394G		
P-875-12	12G336F	P-880-41	12G379G		
P-875-12	12G337F	P-880-41	12G380G		
P-875-12	12G338F	P-880-41	12G388G		
P-875-12	12G482F	P-881-29	12G267G		
P-875-12	12G483F	P-881-29	12G266G		
P-875-12	12G484F	P-881-30	12G264F		
P-875-12	12G485F	P-881-30	12G340F		
P-875-12	12G496F	P-881-31	12G265F		
P-875-12	12G497F	P-881-31	12G341F		
P-875-12	12G498F	P-883-50	12G309FF		
P-875-12	12G499F	P-885-43	12G356G		
P-875-12	12G500F	P-885-43	12G359G		
P-875-12	12G501F	P-885-43	12G360G		
P-875-43	12G357G	P-885-43	12G361G		
P-875-43	12G362G	P-885-43	12G443G		
P-875-43	12G363G	P-885-43	12G489G		

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