List of available Service Letters

Affected Propellers: All Constant Speed Propellers
Issue Date: May 12, 1999

Service Letter 2: Aeroshell 5 is used instead of Aeroshell 6.
Affected Propellers: All Constant Speed Propellers
Replaced by Service Letter 21
Issue date: May 12, 1999

Service Letter 3: Modification of the pitch change pin location.
Affected Propellers: All Constant Speed Propellers
Issue Date: May 12, 1999

Affected Propellers: All Constant Speed Propellers
Replaced by Service Letter 14
Issue Date: May 12, 1999

Service Letter 5: Replacing of Screws Part No. MS 35265-65/ A-1635-70 and Washer Part No. AN 960-10.
Affected Propellers: All Hydraulic Constant Speed Propellers
Issue Date: May 12, 1999

Service Letter 6A: Modification of Counterweights A-597-B.
Revision Date: May 12, 1999

Service Letter 7A: Replacing of screws M3x10 by M3x12.
Affected Propellers: All Electric Constant Speed Propellers
Issue Date: March 05, 2003

Service Letter 8: Introduction of Resin A 20 + Hardener B20
Affected Propellers: All natural composite blades
Issue Date: November 29, 1999

Affected Propellers: All variable pitch propellers
Issue Date: August 27, 2001

Service Letter 10: Tear down inspection at 1/3 TBO
Affected Propellers: All variable pitch aerobatic propellers
Issue Date: March 01, 2000

Service Letter 11: Installation of standard electric pitch change motor in MTV-Propeller
Affected Propellers: All Electric Constant Speed Propellers
Issue Date: April 05, 2000

Service Letter 12: --------
Issue Date: 

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Service Letter 13: Painting of counterweights
  Affected Propellers: All Counterweighted Propellers
  Issue Date: July 11, 2002

Service Letter 14D: New blade seals in MT-Propeller constant speed propellers
  Affected Propellers: All MTV Constant Speed Propellers
  Issue Date: 20th March 2003

Service Letter 15: New counterweights
  Affected Propellers: All MT-Propellers with the new counterweights installed
  Issue Date: November 27, 2000

Service Letter 16: Erosion Sheath on fixed pitch propeller
  Affected Propellers: All Fixed Pitch Propeller with a Diameter > 69.3 inch
  Issue Date: February 1, 2001

Service Letter 17C: Replacement of MTV-9/-12/-14/-15 hub (serial numbers up to 97xxx)
  Affected Propellers: MTV-9; MTV-12; MTV-14, MTV-15
  Issue Date: March 09, 2011

Service Letter 18 R1: Additional Installation of PTFE back up ring
  Affected Propellers: MTV-9(- ), MTV-12, MTV-14(- ), MTV-15(- )
  Issue Date: July 29, 2015

Service Letter 19: New Control Unit P-120-A (beginning with serial no. WA01-XXX)
  Affected Propellers: All aeroplanes and motor gliders with an electrical variable pitch MT-Propeller with a Control Unit P-120-A.
  Issue Date: October 24, 2001

Service Letter 20A: Replacement of the front plate of MTV-9/-MTV-12/-MTV-14/-MTV-16(- )
  with new hub
  Affected Propellers:
  MTV-9/-12/-14/-16, standard, with feather and reverse (M) (P).
  Issue Date: February 19, 2009

Service Letter 21B: Replacement of Aeroshell 5 by MT 2 Propeller Grease including improvement of viscosity
  Issue Date: November 4, 2002

Service Letter 22K: Leading Edge Installation
  MT - Propeller Constant Speed Propeller Blades of the type:
  C188-18b, C190-18b; C193-18b; C198-25, ( )225-37a
  ( )180-59, ( )180-59b, ( )183-17e (-A), ( )183-59, ( )183-59b,
  ( )188-59b, CFRL250-55b:
  Affected Propellers: MT-Propeller Constant Speed Propeller
  Issue Date: March 09, 2011
List of available Service Letters

Service Letter 23C: Grease leakage problem  
Affected Propeller: MTV-12-B/180-17 installed on Diamond Aircraft DA40 with engine Lycoming IO-360-M1A  
Issue Date: 21st March 2003

Service Letter 24A: Check Nuts and Slotted Nuts torque  
Affected Propeller: All hydraulic MTV - Propellers  
Issue Date: March 07, 2003

Affected Propeller: MTV-6( )  
Issue Date: 28th January 2004

Service Letter 26A: Front Plates  
Affected Propeller: All hydraulic MTV-Propellers (except dual acting Walter Reverse Systems - R(W) Manufactured between August 1999 up to October 2004 (serial no. 99xxx to 04xxx)  
Issue Date: 12th November 2004

Service Letter 27B: Cure Date and Shelf Life of MT-Propeller O-rings.  
Affected Propeller: All hydraulic and electric constant speed MT-Propeller.  
Issue Date: November 09, 2010

Affected Propeller: MTV-5-1-E-C-F-R(M)/CFR220-54  
Issue Date: 03rd July, 2006

Service Letter 29 RS: Leading Edge Installation  
Issue Date: August 12, 2015

Service Letter 30D: Fluid De-Ice Boot Installation on MT-Propeller Composite Blades  
Issue Date: 18th June, 2009

Service Letter 31A: MTV-9-B-S/198-58B  
Rework and Modification of Blade Preload Nut A-1368 and Blade Ferrule A-1367  
Issue Date: 12th February, 2008
List of available Service Letters

Service Letter 32 RS: MT-, MTE- and MTV-Propellers with natural Composite Blades
In-Field Repairs
Issue Date: May 17, 2019

Service Letter 32-1: MT-, MTE- and MTV-Propellers with natural Composite Blades
Painting
Issue Date: 11th November 2013

Service Letter 32-2: Performance of Minor Infield Repairs of the Natural Composite MT-Propeller Blades
During the Operation Time between Overhaul Periods
Issue Date: December 21, 2018

Service Letter 33A: Shrouded Propeller Installation
(if not enough clearance between blade tip and shroud)
Issue Date: 20th January 2009

Service Letter 34: MTV-9-B-S/198-58B installed on Cessna 182 (SMA-Application)
with Propeller hub A-926-2-( )
Issue Date: 20th October 2008

Service Letter 34-1: MTV-6-( )-( ) with Fluid Deice System
MTV-6-( )-( )-( ) propeller hub: A-900-I / A-1677
Issue Date: 22nd May 2017

Service Letter 35A: All MT Constant Speed Propellers
Cleaning of Parts and Hubs by Glass / Plastic Media Blasting
Issue Date: 13th of March 2009

Service Letter 36: Rework of Hub Inserts to Newest Technical Standard
during next Overhaul and/or Repair
MTV-16-1-N-C-F-R(P)
MTV-27-1-N-C-F-R(P)
MTV-27-2-N-C-F-R(P)
Issue Date: 07th of May 2009

Service Letter 37A: Propeller Governors for Electric Control P-853 / P-877 series
Correct Adjustment of Travel of Speed Change Nut
Issue Date: 02nd December 2011

Service Letter 38 R2: Procedure for the Installation of the Preload System P-890-( )
Affected Propeller: MTV-12, MTV-14 and MTV-22
Plus all other MT-Propellers with steel plate for preload system.
Issue Date: 09th September 2014

Service Letter 39: Start Lock Springs
Exchange of Start Lock Springs, Identification of Springs
Issue Date: 07th October 2009
(for special customer only)
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**Service Letter 40:** Propeller Governors for Electric Control
P-853; P-877 series
Installation of the Flexible Max Speed Stop Modification “D”
Issue Date: 10th November 2009
(for special customer only)

**Service Letter 41 R1:** Optional Replacement of Return Spring Part N. A-880
by new Return Spring Part No. A-1772 and A-1771-1
Affected Propeller: MTV-12-( )-C-F
Issue Date: 23rd, June 2015

**Service Letter 42:** Propeller Designation System
Issue Date: 21st March 2010

**Service Letter 43:** Cure Date and Shelf Life of MT-2 Propeller Grease
Issue Date: 09th May 2011

**Service Letter 44 R1:** Length of stainless-steel erosion protection sheaths for single blades
Issue Date: 25th May 2020

**Service Letter 45-R2:** Verwendung des Enteisungsschleifring-Füllmaterials
Bei Schleifringen aus CU DHP CW024A-R240 (dunkelrot)
Issue Date: December 14, 2015
(for MT-Propeller internal use only!)

**Service Letter 46:** Fittings installed on Unfeathering Accumulator P-893-( )/P-905-( )
on all Diamond DA42 with Thielert/Austro/Lycoming engines
Issue Date: September 28, 2012

**Service Letter 47:** Blade Seal Installation during Propeller Assembly
Issue Date: January 14, 2013

**Service Letter 48:** i.p.

**Service Letter 49 R9:** Re-positioning of de-Ice cables to improve long time wear.
Issue Date: February 06, 2018

**Service Letter 50 R1:** Pitch change pin inspection during next overhaul or repair
Issue Date: June 23, 2015

**Service Letter 51 R1** Installation of Protective Erosion Tape on De-Ice Boots
Affected Propeller: MTV-27-1-E-C-F-R(G)/CFRL250-55b
Affected Aircraft: DO228 series
Issue Date: March 17, 2016

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### Service Letter 51-1
Installation of Protective Erosion Tape on De-Ice Boots
Pilatus PC 12 / KingAir 200 series /
SA-227-AT/-AC/-BC/-TT/SA-226-TB / Metro 3 / Merlin 4

**Affected Propeller:**
- MTV-27-1-N-C-F-R(P)/CFR260-65a
- MTV-27-1-N-C-F-R(P)/CFR225-55f
- MTV-27-1-N-C-F-R(P)/CFR/L250-103

**Issue Date:** January 19, 2017

### Service Letter 52 R1:
Optimum Installation of the Christen 801 Series Inverted Oil System in Combination with MT-Propellers.

**Affected Propeller:** MTV-12-B-C/C183-17e
**Affected Aircraft:** Grob G115E

**Issue Date:** May 29, 2013

*For special customer only*

### Service Letter 52-1 R1:
Installation of P-447 Accumulator in Combination with MT-Propellers

**Affected Propeller:** MTV-12-B-C/C183-17e
**Issue Date:** July 30, 2015

Installed per EASA STC 10043263

### Service Letter 52-2:
Removal of Inner Propeller Spring on Counterweighted MT-Propeller

**Affected Propeller:** MTV-12-B-C/C183-17e

**Issue Date:** November 07, 2013

Installed per EASA STC 10043263

### Service Letter 53 R4:
Modification of Fluid Deice System

**Affected Propeller:** MTV-14-D/195-30b
**Affected Aircraft:** Cirrus SRa22- ( ) with Spinner Assy P-320-2

**Issue Date:** August 28, 2015

### Service Letter 54:
Replacement of parts during overhaul or repair

**Affected Propeller:** MTV-27-1-N-C-F-R(G)-J with blade type CFR285-82 or CFRL 285-82

**Affected Aircraft:** Jetstream 41

**Issue Date:** 25 July 2013

### Service Letter 55 R4:
Installation of Protective Polyurethane Tape on MTV-5-()-/27-() Hovercraft blades

**Affected Propeller:**
- MTV-5-1-W-C-R(H)/CRLD199-117
- MTV-27-1-X-C-R(H)/CRLD218-121d
- MTV-27-1-V-C-R(H)/CRLD258-121b
- MTV-27-1-YZ-C-R(H)-J/CRRD350-132a

**Affected Vehicle:** Griffon Hovercraft

**Issue Date:** July 03, 2015

### Service Letter 56 R1:
General Information for MT-Propeller trained Mechanics

**Possible Action against Dynamic Vibration on MT-Propeller**

**Affected Propeller:** MTV-27-{}, MTV-25-{}, MTV-16-{}, MTV-5-{}

**Issue Date:** 21 December 2018

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<td>Re-Positioning of de-ice cables to improve long time wear. MTV-27-1-N-C-F-R(G)-J/ CFR285-82 / CFRL285-82 with spinner assembly P-1152-() installed on Jetstream 41. Manufactured / overhauled or repaired before 12/2013</td>
<td>17 March 2015</td>
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<td><strong>Service Letter 58:</strong></td>
<td>Removal of inner propeller spring on counterweighted MT-Propeller MTV-14-B-C/C190-17 on EXTRA 300 series, Cap 231/EX/232 Series</td>
<td>07 August 2014</td>
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<td><strong>Service Letter 59:</strong></td>
<td>Counterweight body crack inspection (Magnetic Particle Inspection) All counterweighted variable Pitch MT-Propeller</td>
<td>February 19, 2015</td>
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<td><strong>Service Letter 60:</strong></td>
<td>Modification of Counterweight Body A-1496-(C)Y( ) MTV-16-1-N-C-F-R(P)/ CFRLD265-65 MTV-16-1-N-C-F-R(P)/ CFRLD280-65</td>
<td>June 11, 2015</td>
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<td><strong>Service Letter 61:</strong></td>
<td>Additional Secure of Motor Screws on Electric Motor P-820-( )</td>
<td>August 04, 2015</td>
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<td><strong>Service Letter 62:</strong></td>
<td>Modification of the Starter Gear installed on Lycoming Engine for Electrically Controlled Variable Pitch Propeller Systems MTV-7-(), MTV-10-(), MTV-18-(), MTV-23-()</td>
<td>August 20, 2015</td>
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<td><strong>Service Letter 63:</strong></td>
<td>Inspection of Beta Valve P-846 / Prop Front O-Ring for possible Oil Leak Installed on RR250 engines MTV-5-1-D-C-F-R(A)/CFR210-56</td>
<td>November 02, 2016</td>
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<td><strong>Service Letter 64:</strong></td>
<td>Alternative Positioning of MT-Propeller Identification Label All MTV-Propeller which have no identification label on the propeller blade</td>
<td>February 02, 2017</td>
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<td><strong>Service Letter 65:</strong></td>
<td>Inner bearing Halves Inspection (Visual Inspection) All Hydraulically and Electrically Controlled Variable Pitch MT-Propeller As sharp edges were found on the split line of the inner bearing halves.</td>
<td>March 07, 2017</td>
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Service Letter 66  
Outer Blade Bearings  
MTV-33, MTV-34, MTV-36  
Issue Date: March 09, 2017

Service Letter 67  
How to use the Anti Icing Liquid ICEX II (Goodrich) on MT-Propeller Blades  
Issue Date: September 26, 2017

Service Letter 68  
Replacement of Electric Servo Motor Type 34L / 34LT / 35 NT  
Installed on Electrically Controlled Variable Pitch MT-Propellers  
Date of Issue: August 24, 2017

Service Letter 69  
Readjustment of the Low Pitch Stop Rods or Replacement of  
the Piston Extension P/N A-1020-A-42-L installed on  
MTV-9-( )-( )-R(M) propeller during the next Repair or Overhaul  
Issue Date: February 15, 2018

Service Letter 70  
Propeller Snap Ring Inspection  
MTV-33-( ) and MTV-34-( ) Propeller  
Issue Date: September 10, 2018

Service Letter 71 R3  
Governor jam relieve, adjustment of MIN and MAX RPM settings  
P-853-16 and -877-16  
Issue Date: July 1, 2020

Service Letter 72 R1  
Application of Epoxy Filler on Natural Composite Blades  
Issue Date: July 31, 2020

Service Letter 73  
Optional Installation of the blade bearing A-1540  
Issue Date: July 24, 2020