

Inspection / Replacement of Teeter Stops

MANDATORY

Repeating symbols:

- ❖ **WARNING:** Identifies an instruction, which if not followed, may cause serious injury or even death.
- **CAUTION:** Denotes an instruction which if not followed, may severely damage the aircraft or could lead to suspension of warranty
- **NOTE:** Information useful for better handling

1. Planning information

1.1 Reference

All AutoGyro gyroplanes respectively rotor heads manufactured 2012

1.2 Reason

Routine quality control revealed out-of-tolerance teeter stops. It is probable that a certain number of rotor heads with out-of-tolerance teeter stops have been manufactured and delivered. Due to the fact that the faulty teeter stops are slightly too high the faulty condition does not represent a danger in normal operation.

1.3 Subject

Inspect the height of the teeter stop and replace, if necessary.

1.4 Compliance

Prior to next flight, at latest with next scheduled inspection (25/100 hrs).

1.5 Approval

The technical content is approved under the authority of AutoGyro GmbH

1.6 Manpower

- Inspection: 0.1 h
- Accomplishment: 0.5 h

1.7 Mass data

none change

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1.8 Electrical load data

none change

1.9 References

In addition to this technical information refer to current issue of AutoGyro Parts catalog www.auto-gyro.de

1.10 Other publications affected

none

1.11 Interchangeability of parts

Affected parts cannot be re-used and must be marked accordingly and/or discarded.

2. Material Information

2.1 Material – cost and availability

Price and availability will be supplied on request by AutoGyro GmbH
After sending back the spare part, AutoGyro GmbH will refund the spare part cost

2.2 Material requirement per gyro

Should removal of a locking device (e.g. lock tabs, self-locking fasteners, etc.) be required when undergoing disassembly/assembly, always replace with a new one

2.3 Material requirement per spare part

2 x Teeter Stop Kit incl. Attachment, Order-Nr.
2x M.RK67.22.03.01 (MTOsport)
2x C.RK40.11.03.01 (Calidus)
2x V.RK204.11.03.01 (Cavalon)

2.4 Rework of parts

none

2.5 Special tooling/lubricant-/adhesives-/sealing compound

S.VB6011 Loctite 243 (blue)

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3. Accomplishment / Instructions

3.1 Determination of Necessity

Measure height of teeter stops with a calliper. If height complies with the nominal dimension of 7 +/- 0.2 mm no further action is required.

In case of deviation the teeter stops have to be replaced as instructed below.

3.2 Instructions

The following work can be performed by the operator, a proficient person charged by the operator, or AutoGyro GmbH.

1. Remove rotor system acc. to POH 8.15.1 or Maintenance Manual
2. Remove teeter stops
3. Position new teeter stops, apply LOCTITE 243 to the threads of the attachment bolts and torque with 6 Nm.
4. Install rotor system acc. to POH 8.15.4 or Maintenance Manual

3.3 Test run

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3.4 Summary

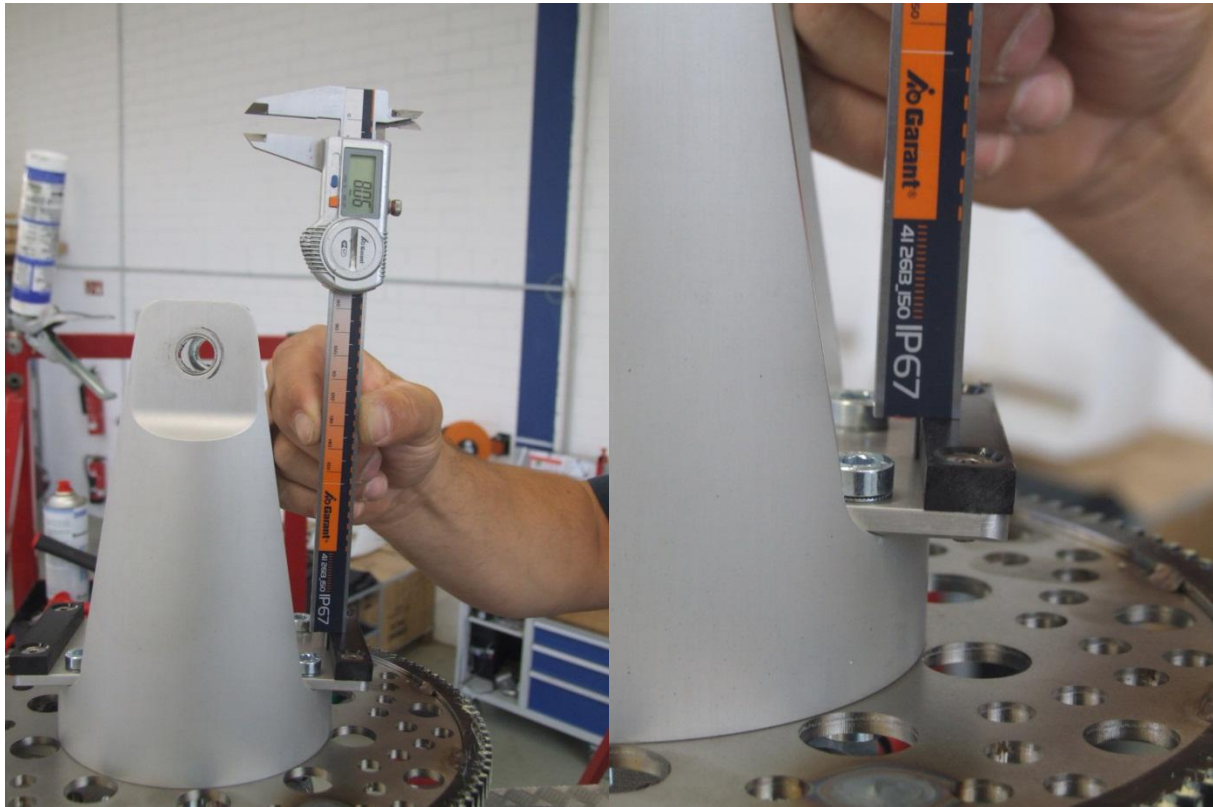
These instructions (section 3) have to be conducted in accordance with section 1.4.

The execution/completion of the mandatory Service information must be annotated in the aircraft logbook

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4. Illustrations

Measuring the height of the teeter stop



(Measurement shows an out-of-tolerance teeter stop)