

RECOMMENDED SERVICE BULLETIN

RSB 62-019

I TECHNICAL DETAILS

I.1 Category

Recommended.

I.2 Airplanes affected

Type: DA 62

Serial numbers: 62.007 through 62.067, 62.069 through 62.070,

Applies to all aircraft equipped with OÄM 62-002 TKS system installation.

I.3 Date of effectivity

13-Nov-2017

I.4 Time of Compliance

Within 200 flight hours, but not later than 15-Dec-2018.

I.5 Subject

Replacement of TKS propeller nozzle.

ATA-Code: 30-66

I.6 Reason

Some Propeller have been found to show grinding marks in the Propeller hub due to a loose TKS Nozzle. This Service Bulletin describes the replacement of the TKS Nozzle with an improved design.

I.7 Approval

The technical information or instructions contained in this document relate to the Design Change Advisory No. OÄM 62-002/h, which has been approved under the authority of EASA Design Organization Approval ref. EASA.21J.052.

The technical content of this document has been approved under the authority of DOA ref. EASA.21J.052.

I.8 Accomplishments / Instructions

WI-OSB 62-019, latest effective issue.

I.9 Mass (Weight) and CG

None.

II PLANNING INFORMATION

II.1 Material and Availability

See WI-RSB 62-019, latest effective issue.

II.2 Special Tools

None.

II.3 Labour Effort

Approx. 1 hours without cure time.

II.4 Credit

For all aircraft within warranty period.

II.5 Reference Documents

DA 62 NG Airplane Maintenance Manual, Doc. No. 7.02.25, latest effective issue.

III REMARKS

1. All work must be done by a certified aircraft service station or a certified aircraft maintenance mechanic.
2. All work, in particular that which is not especially described in this Service Bulletin, must be done in accordance with the referenced Maintenance Manual.
3. Completion of all work must be recorded in the log book.
4. In case of doubt contact Diamond Aircraft Industries GmbH.

EXECUTION REPORT TO SERVICE BULLETIN RSB 62NG-019

AIRPLANE INFORMATION

Airplane Serial Number _____

Airplane Registration _____

Airplane Operator _____

Hours of operation of airplane _____

No. of landings _____

Hours of operation-engine LH _____

RH _____

Typical operation of airplane private, club, training, other _____

Date, Name, Sign

Please fax the completed form to Fax No. +43-2622-26780 or e-mail to
executionreports@diamond-air.at

WORK INSTRUCTION

WI-OSB 62-019

I GENERAL INFORMATION

I.1 Subject

Replacement of the TKS Propeller Nozzle.

I.2 Reference Documents

DA 62 Airplane Maintenance Manual, Doc. No. 7.02.25, latest effective issue.

I.3 Remarks

- a) All work must be done by a certified aircraft service station or a certified aircraft maintenance mechanic.
- b) All work, in particular that which is not especially described in this work instruction, must be done in accordance with the referenced maintenance manual.
- c) In case of doubt, contact Diamond Aircraft Industries GmbH.

II DRAWINGS, SPECIAL TOOLS & MATERIALS

II.1 Drawings

None

II.2 Special Tools

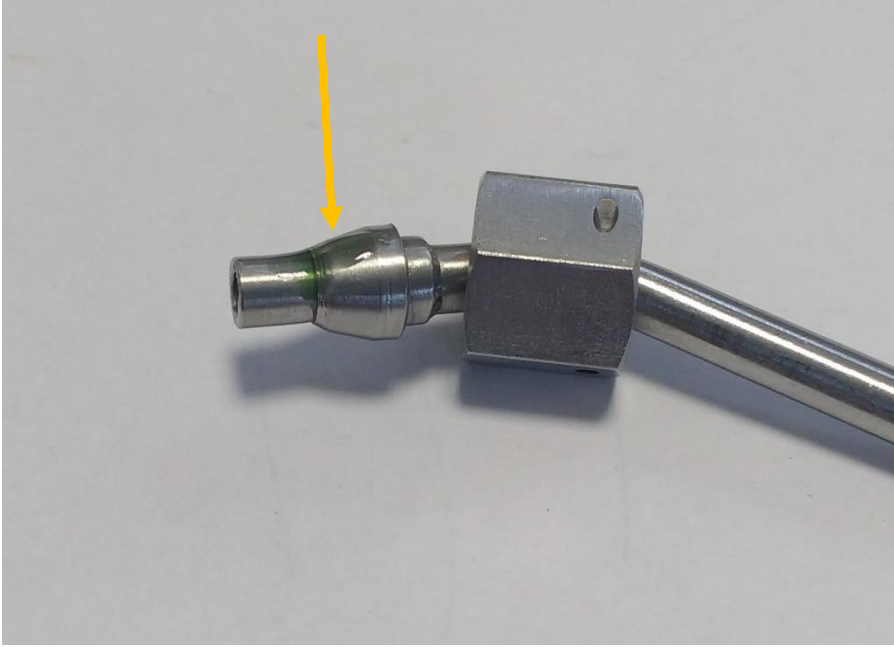
None.

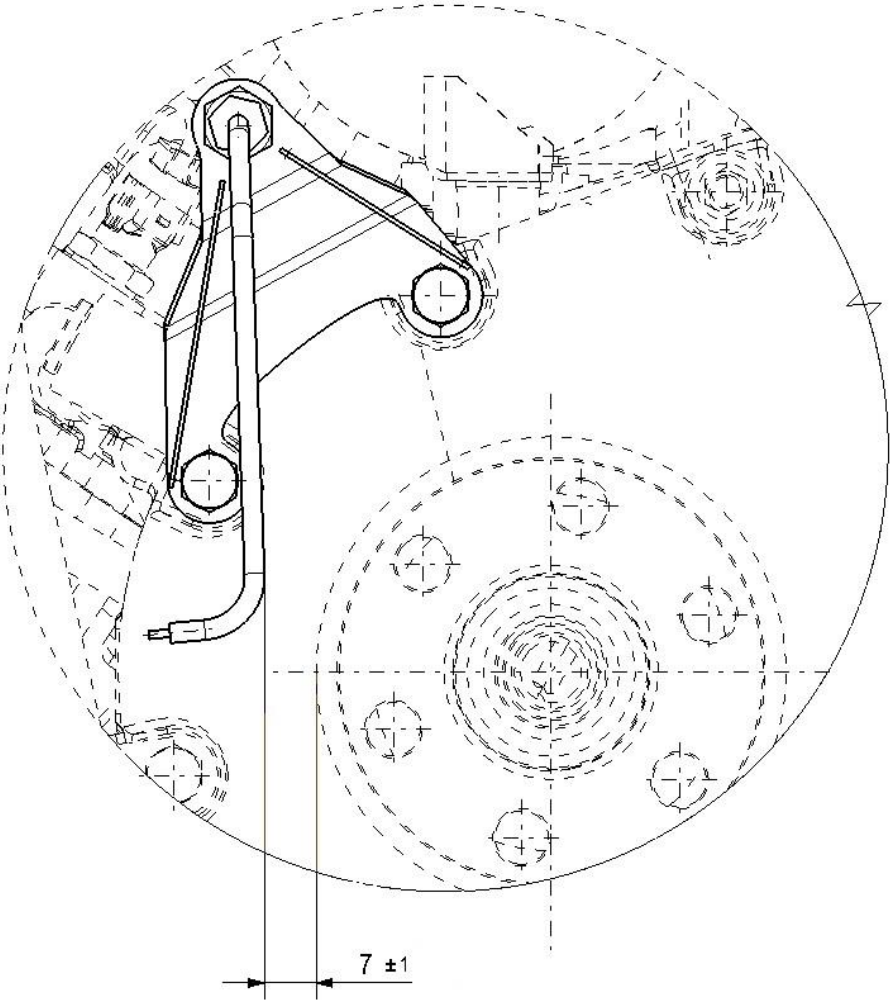
II.3 Material

Quantity	Part No.	Description
2	15525-03	Propeller Nozzle
a/r	MS 20995 C25	Locking Wire
a/r	63830	Loctite 638

Material is available from Diamond Aircraft Industries.

III INSTRUCTIONS

1	Remove the cowlings i.a.w. AMM Section 71-10.
2	Remove the lock wire from the TKS propeller nozzle.
3	Remove the TKS propeller nozzle from the bracket assy
4	In case of grinding marks on the propeller flange perform MT-Propeller SL 34-1 latest effective issue. http://www.mt-propeller.com/pdf/sls/sl34-1.pdf
5	Pre-fit the new TKS nozzle on the Bracket assy. Apply Loctite 638 on the radial contact surface of nozzle and olive i.a.w. picture below. 

6	<p>Insert the Nozzle in to the coupling without a sealing ring. Position and orientation the nozzle i.a.w. picture below.</p> 
7	<p>Fasten the nut of the nozzle with a torque of 17Nm (150 lbf-in). Secure the nozzle nut with lock wire.</p>
8	<p>Install the cowlings i.a.w. AMM Section 71-10.</p>
9	<p>Clean working area, check for foreign objects</p>
10	<p>Check all altered, replaced, repaired parts for proper function.</p>
11	<p>Test all systems in working area for function.</p>
12	<p>Make all necessary entries in the airplane logs.</p>