

	SERVICE BULLETIN SBLSA-016-2020	Revision: 0
This Service bulletin has been produced in accordance with approved Alternative Procedures to DOA EASA.AP356. Technical data has been approved by EASA under Approval No.:		Date: 17.09.2020
<input type="checkbox"/> INFORMATION	<input type="checkbox"/> RECOMMENDED	<input checked="" type="checkbox"/> MANDATORY

A. SUBJECT:

Inspection of the aircraft propeller Woodcomp SR3000/2.

B. AFFECTED AIRPLANES:

DY-400/2011 LSA; DY-420/2011 LSA; DY-428/2011 LSA; DY-435/2012 LSA;
DY-439/2012 LSA; DY-445/2012 LSA; DY-459/2012 LSA; DY-468/2013 LSA;
DY-475/2013 LSA; DY-477/2013 LSA; DY-479/2013 LSA; DY-485/2013 LSA;

C. REASON:

Occurrence of a propeller blade separation during take-off shortly after applying full throttle.

D. REQUIRED ACTION:

- 1 Verify, if scheduled periodic maintenance and overhauls were performed in time.
 - a. If not, the propeller must be immediately taken out of service and inspected at propeller manufacturer Woodcomp Propellers s.r.o. or propeller manufacturer's service centre.
 - b. If yes, follow the procedure in D.2.
- 2 Propeller inspection.
 - a. Remove the spinner.
 - b. Perform visual inspection of blades condition and check for damages due to collision with foreign objects e. g. bird, separated particles of runaway, ground equipment etc.
 - c. Perform visual inspection of blades root section and check for cracks in longitudinal direction of blades. If crack is found, the propeller must be immediately taken out of service and inspected at propeller manufacturer Woodcomp Propellers s.r.o. or propeller manufacturer's service centre.
 - d. Grab the blades near root section (up to 1/3 of blade length) with both hands and check the radial play of blades i. e. in the blade's longitudinal axis direction. Do not use any tools or jigs for load increase. No play has to be found. If the play is found, the propeller must be immediately taken out of service and inspected at propeller manufacturer Woodcomp Propellers s.r.o. or propeller manufacturer's service centre.
 - e. If no defects were found, install the spinner (look out to align the spinner marks with spinner plate marks). The propeller may be operated with no further action up to next scheduled maintenance limit.
- 3 Inform the aircraft manufacturer via email airworthiness@aerospool.sk about:
 - S/N of aircraft
 - S/N of propeller (due to propeller manufacturer's maintenance records tracking)
 - Operating time of the propeller
 - Findings of the inspection

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E. COMPLIANCE:

Before next flight.

F. WEIGHT AND BALANCE:

None.

G. ACTION CARRIED OUT BY:

Propeller inspection:

Approved Maintenance Organisation, Part-66 qualified maintenance personnel.

Propeller overhaul:

Propeller manufacturer Woodcomp Propellers s.r.o. or propeller manufacturer's service centre (<http://www.woodcomp.cz/contact/>).

H. COSTS COVERED BY:

- Costs relative to inspections according to section "D" of this bulletin will be covered by aircraft owner.
- Transport charges will be covered by aircraft owner.
- If the scheduled inspections **were not performed** properly in time, the costs relative to special inspection at propeller manufacturer Woodcomp Propellers s.r.o. or propeller manufacturer's service centre will be covered by aircraft owner.
- If the scheduled inspections **were performed** properly in time, the costs relative to special inspection at propeller manufacturer Woodcomp Propellers s.r.o. or propeller manufacturer's service centre will be covered by Aerospool spol. s r. o.

I. NECESSARY MATERIAL:

None.

J. DOCUMENTATION:

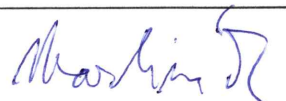
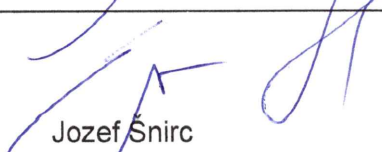
Refer to:

- Woodcomp Propellers Operator's Manual, Electrical adjustable aircraft propeller SR 3000, Revision H dated 06.05.2010 or later revisions
- Woodcomp Propellers Service bulletin No. UL 02/2012, Revision C dated 09.07.2018 (<http://www.woodcomp.cz/bulletins/>)

K. ENCLOSURES:

None.

L. APPROVAL:

 Vladimír Martinák Head of Design Organisation Position, Name, Signature	 Jozef Šnirc Technical Director Position, Name, Signature
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