



**KW-3(x) propeller inspections on gyroplanes with Rotax 915 and Rotax 916 engines**

This Service Bulletin is issued in line with the procedures subject to EASA AP250 Authorization.

Compliance Category	<b>MANDATORY</b> - failure to comply result in a significant reduction of flight safety, injury or death
	<b>RECOMMENDED</b> - failure to comply may result in reduced safety margin, injury and/or equipment damage
	<b>OPTIONAL</b> - improves operating behavior, reliability and/or maintainability

Type / Model: Propeller type KW-3(X), model **KW-30, KW-31**

Type certificate holder: **Aleš KŘEMEN Vodolská 4, 250 70 Odolena Voda, Czech Republic**  
 Type certificate number: **EASA.P.177**

Manufacturer: **Woodcomp Propellers s.r.o.**

Applies to:	<b>Propeller configurations:</b> <ul style="list-style-type: none"> <li>• <b>KW-30-A-H-3-0-0-J / LP-172-031 (hydraulic model)</b></li> <li>• <b>KW-31-A-E-3-0-0-K / LP-171-031 (electric model)</b></li> </ul>
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**Reason**  
 Additional requirements are issued for expanded inspection of KW-3(x) propellers with blades type -031 ("W") installed on rotorcraft with Rotax 915/916 engines. Technological manual TN-75 is issued, which specifies the procedure for regular propeller inspections and introduces continuous inspection of the tightening torques of the screws connecting the propeller body and the parts in the propeller head.

**Description**  
 Propellers of the above configurations installed on rotorcraft must undergo periodic inspections specified in their user manuals in accordance with the detailed description contained in the TN-75 technological manual, including checking and restoring the preload of the blades' mounting bolts after 350 operating hours. Failure to comply with this procedure may result in serious propeller damage.

- Documentation:**
- KW-31 Propeller User Manual UM-05, as amended
  - KW-30 Propeller User Manual UM-06, as amended
  - Technical Manual TN-30 "KW-30 Propeller. Performing 100-hour inspection", as amended
  - Technical Manual TN-31 "KW-31 Propeller. Performing 100-hour inspection", as amended
  - Technical Manual TN-75 "KW-3(X) propeller inspections on rotorcraft with Rotax 915/916 engine", as amended

The documents are free available to download from the following address:  
<https://www.woodcomp.cz/easa-propellers/>

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