

REASON Main wheel rubbing against the landing gear main fork.

EFFECTIVITY PIK-20 D model serial numbers 20575 - 20610.

DESCRIPTION The change of the main wheel tire type has decreased the gap between the main fork and the tire to 2-3 mm (3/32 - 1/8 in), which is not enough because of the dynamic behaviour of the tire in landing impact.

COMPLIANCE During the next annual inspection.

INSTRUCTIONS

- 1 Check if the main tire is Goodyear 5.00 - 5 6 ply TSO C62b part no. 505C61G1. (The type of the tire in question can be used in PIK-20 D models after s/n 20610 having modified main fork.)
- 2 If it is, measure the gap between the tire and the main fork diagonal brace (\varnothing 12 x 1 mm). The tire pressure should be 2.5 Bar (35 psi). If the gap is less than minimum allowed 5.0 mm (3/16 in), remove the wheel and inspect the tube wear.
- 3 If the tube is worn less than 0.3 mm (0.012 in), repaint according to the PIK-20 D Repair Manual page III-11.
- 4 If the tube is worn more than 0.3 mm, the fork must be repaired. Before repairing contact the nearest PIK-20 agent or repair station.
- 5 The tire must be changed to one of the following 5.00 - 5 6 ply aircraft tires if the gap is less than 5.0 mm (3/16 in):
 1. Goodyear TSOC626 part no 505C61-4
 2. Continental Type III
 3. McCready TSOC62b Type IIIThe gap must be minimum 5.0 mm (3/16 in).
Contact the nearest PIK-20 agent or repair station.

WEIGHT AND BALANCE No effect.

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