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**Thicker Erosion Protection Sheaths on Fixed Pitch Propellers****Affected Propellers:**

Fixed Pitch Propeller Models

- MT175R150-2Ca on TCM IO-240-B engines and
- MT188R145-4G on Lycoming O-360-( ) engines

**Reason:**

Improved erosion characteristics, increased crack resistance.

**Description:**

Fixed Pitch Propeller Models

- MT175R150-2Ca
  - manufactured after January 1<sup>st</sup>, 2020
  - overhauled after March 1<sup>st</sup>, 2020
- MT188R145-4G
  - manufactured after July 1<sup>st</sup>, 2020
  - overhauled after October 1<sup>st</sup>, 2020

are optionally equipped with a thicker erosion protection sheath.

**Action:**

In case of blade overhaul inclusive thicker erosion protection sheaths installation (0,6 mm/0.2362 inch) with upgrade from original erosion protection sheaths (0,4 mm/0.1574 inch), rework the propeller leading edge area by removing 0,2-0,3 mm (0.008-0.012 inch) material to install the thicker erosion protection sheath and keep the original airfoil shape.

In case of uncertainty, contact Tech Support and provide S/N.

**Affected Publications:**

Overhaul Manual E-1290 latest Revision

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