

DATE: 7-8-53  
SUBJECT: 45° Advance of 170 Props

S. N. L.

Had a chance to fly a '54-170 and what a suprise. Among the several improvements in the '54 Model is the noticeable improvement in engine smoothness. It's been accomplished by advancing the prop 45° or one bolt hole in the crankshaft. Engineering reports as much as 50% reduction in the amplitude of vibration, whatever that is, but it sure does the trick and can be done on earlier 170's in the field.

All 170's beginning with 26110 have the prop advanced.

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DATE: 7-24-53  
SUBJECT: 1953 170 Spinner

S. N. L.

The 1953 Model 170 spinner is so popular that several inquiries have been received concerning its approval for earlier models. For your information and in hope that you will sell a lot of 170 owners new spinners, the 1953 spinner is approved for all 170's.

The installation will require a hole drilled in the back plate on earlier models to provide access to the cowling screws in the nose behind the spinner plate.

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DATE: 3-23-54  
SUBJECT: Model 170 Propeller Rotation

S. N. L.

Refer to 180 Section.

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DATE: 5-18-59  
SUBJECT: #2 McCauley Service Bulletin No. 40

S. N. L.

We are enclosing, for your Service Information File, a copy of McCauley's Service Bulletin No. 40. (See figure 1-1.)

The information contained in this bulletin applies only to the fixed pitch metal propellers; such as is currently being installed on the Model 172.

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DATE: 1-12-60  
SUBJECT: New Propellers

S. L. -170/172-20

A new propeller has been designed for the 1960 Model 172, which incorporates the following features:

- (1) A weight reduction of two pounds made possible by a smaller hub.
  - (2) Design changes which increase the blade efficiency; diameter remains the same.
- The following chart lists this new propeller.

NOTE: The last four numbers of the McCauley propeller numbers signify blade diameter and pitch; example - an 8040 blade has an 80 inch diameter and 40 inch pitch.

1960 MODEL 172

<u>Plane Type</u>	<u>Cessna Number</u>	<u>McCauley Number</u>	<u>Propeller Type</u>
Landplane	0550211-1	1C172/EM7654	Cruise
Seaplane	0550292-1	1A175/SFC8040	Cruise

Because of the change in the propeller flange, the new (EM Series) propeller will not fit on earlier airplanes; however, a propeller has been designed for replacemnt on earlier