

SERVICE LETTER 1998-23

September 21, 1998

TO: FAA-Approved Propeller Repair Stations, Owners, Operators, and Aircraft Maintenance Personnel

SUBJECT: Overspeeding of Propellers

MODEL AFFECTED: All McCauley Propellers except C1101, C1102, C1103, and C1104

SERVICE MANUALS AFFECTED: 720415, 710930, 701115, 780630, 761001, 810915, 790901, 730720, 860201, 810301, 880415, 890119, MPC1101-1, CMM1100-1, MPC-11, MPC-12, MPC-13, MPC-14, and MPC-15

This service information is to be added to the appropriate McCauley Service Manual until the next manual revision is issued.

Following are inspection criteria for McCauley propellers involved in overspeed conditions. Specific instructions for C1101, C1102, C1103, and C1104 model propellers are in manuals MPC1101-1 and CMM1100-1.

Inspection: Follow the inspection requirements per the following categories for overspeeding of rated take-off RPM. Disregard length of time at overspeed.

Models	Percentage Overspeed	Action to be Taken
All Propellers on Reciprocating Engines	Up to, but not including 15%	General external visual inspection. No further action required.
	15% or Higher	Contact McCauley Product Support for disposition.
All Propellers on Turbine Engines except C1101, C1102, C1103, & C1104	Up to, but not including 10%	General external visual inspection. No further action required.
	10% or Higher	Contact McCauley Product Support for disposition.

APPROVAL: FAA approval has been obtained on technical data in this publication that affects product type design.

TO OBTAIN SATISFACTORY RESULTS, PROCEDURES SPECIFIED IN THIS SERVICE INFORMATION MUST BE ACCOMPLISHED IN ACCORDANCE WITH ACCEPTED METHODS AND PREVAILING GOVERNMENT REGULATIONS. MCCAULEY PROPELLER SYSTEMS CANNOT BE RESPONSIBLE FOR THE QUALITY OF WORK PERFORMED IN ACCOMPLISHING THIS SERVICE INFORMATION.