

SERVICE BULLETIN M20-34

SUBJECT: Inspection - Main Landing Gear Shock Absorber Unit
MODELS AFFECTED: M20 & M20A All Airplanes
TIME OF COMPLIANCE: Immediately and at Subsequent Periodic 100 Hour Inspections

A failure of the main gear shock absorber unit has occurred on one M20 airplane in which the shock unit failed to extend the spindle and wheel after the take off ground run and caused the out of position wheel to hang in the wheel well after retraction. The stack of rubber discs are pre-loaded and should be strong enough to fully extend the spindle and wheel under static load at gross weight. It is therefore necessary to accomplish the inspection described in the sketch below on the main landing gear. If the shock unit fails to pass inspection the rubber discs must be replaced. Please accompany any orders with airplane serial number and time on gear.

