



Bogert Aviation Inc.

Cessna 30M-C402-K, Main Landing Gear Axle Jacking Procedure

Works on Cessna Models:






Cessna 402 Jacking system designed to work on Cessna 340, 401,402, 411, 414 and 421(to Serial 800).

May 1st, 2017



Caution: This tool is to be used to lift only one wheel at a time. All other wheels must be securely chocked. Failure to follow these instructions may result in damage to the aircraft, severe injury or death. Use only jacks that are rated for the load being lifted.

CAUTION:

1.  Make sure the aircraft is on a solid level surface and chock the two wheels that are not being lifted.
2.  No one may be in the aircraft when supported by this jack pad.
3.  Use only jacks adequately rated for the weight.
4.  Extend the jack only enough to clear the wheel from the ground for removal.
5.  Use a jack stand under the wheels axle for safety anytime the wheel is removed. We suggest using the Bogert Aviation 17M-LGSS2 or similar PN 17M-LGSS (Landing Gear Safety Stand).



Jacking Instructions:

1. The airplane should be on a level surface when jacking.
2. The jacking site should be protected from the wind preferably inside a hangar.
3. Insert the adapter into the barrel of the lower MLG strut – LT and RT are identical (fig.1). The pad should fit easily into the barrel. Do not force into place.
4. Position the jack as shown with the extended portion of the base plate facing the wheel assembly (fig 2).
5. Position the adapter to rest in the saddle of the jack assembly. Seat the edge of the adapter against the vertical plate of the jack (fig. 3).
NOTE: The jack saddle should be mounted as high as possible to minimize the hydraulic ram extension.
6. Ensure the jack cylinder is level before applying lifting force to the strut.
7. Do not raise the wheel assembly off the ground any higher than necessary to remove and install new wheel assembly.
8. Use a jack stand under the wheels axle for safety anytime the wheel is removed. We suggest using the Bogert Aviation **17M-LGSS2 or similar PN 17M-LGSS** (Landing Gear Safety Stand).
9. Once the work is performed loosen the bypass screw to lower the jack.
10. Remove adapter from lower strut.



FIGURE 1: PAD WILL EASILY FIT INTO THE BARREL OF STRUT. DO NOT FORCE.



FIGURE 2: POSITION JACK DO NOT FORCE.



FIGURE 2:
SEAT ADAPTER AGAINST VERTICAL PLATE.