

CHAPTER

07

**LIFTING AND
SHORING**

CONTENT

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EFFECTIVITY: All

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GENERAL

The airplane lifting (during landing gear inspection, airplane levelling, weighing, landing light adjustment, main wheel convergence measurement, etc.) is made by fwd and rear fuselage jacks.

EFFECTIVITY: All

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AIRPLANE LIFTING

NOTE

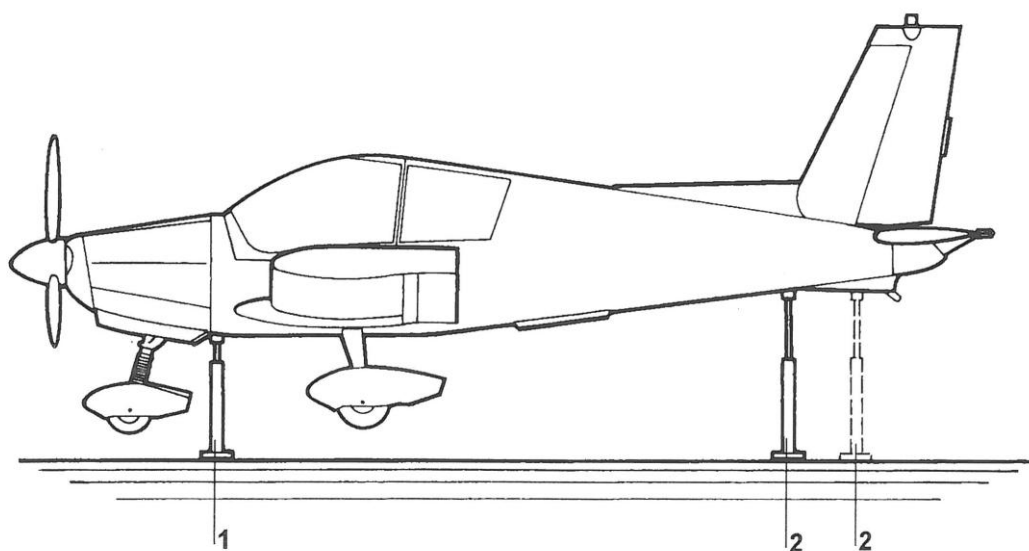
The lifting device (fwd fuselage jack and rear fuselage jack) are optionally supplied by airplane manufacturer.

The fwd fuselage jack (Fig. 07-1, item 1) is placed under the support welded to first bulkhead of airframe.
The rear fuselage jack (2) is fit under the airframe bulkhead No. 4. This jack (2) is during airplane weighing fit under the skid beam.

NOTE

The spots of jack positioning are marked:

SUPPORT HERE



1 ... fwd fuselage jack
2; 2 ... rear fuselage aft

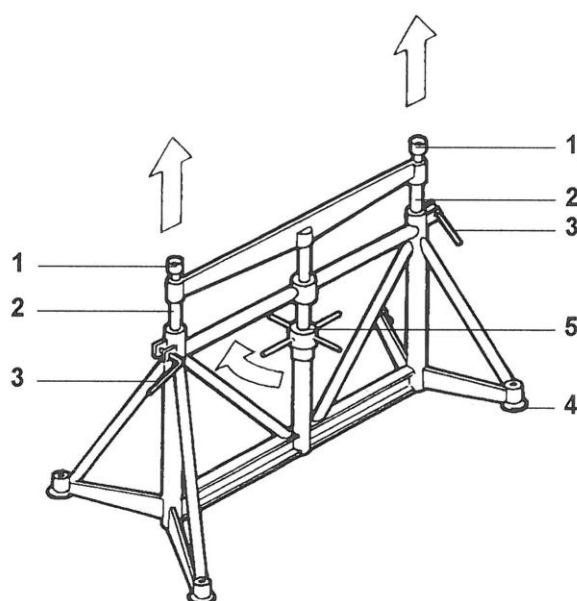
Fig. 07-1 Airplane lifting

FWD FUSE

CAUTION

LEVEL THE FWD FUSELAGE JACK WITH RESPECT TO UNEVENNES OF FLOOR BY MEANS OF ADJUSTING SCREWS WITH WASHERS (Fig. 07-2, item 4).

The support screws (1) should be placed during airplane lifting under the supports that are upon the first bulkhead of airframe. Turning the nut (5) rises the lifting rods (2) with support screws (1). The lifting rods (2) as soon as the airplane is lifted, should be locked by tightening the handles (3).

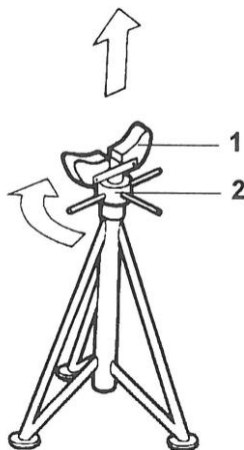


- 1 ... support screw
- 2 ... lifting rod
- 3 ... handle
- 4 ... screws with washers (4 pcs)
- 5 ... nut

Fig. 07-2 Fwd fuselage jack

REAR FUSELAGE JACK

The rear fuselage jack bed (Fig. 07-3, item 1) is during airplane lifting place under the rear fuselage section. The groove of this bed serves for placing the jack under the skid beam (Fig. 07-1, item 2). Turning the nut (Fig. 07-3, item 2) moves the bed (1).



- 1 ... bed
- 2 ... nut

Fig. 07-3 Rear fuselage jack