

LIFTING AND SHORING - GENERAL

1. Scope

- A. This chapter describes both standard and emergency procedures used to lift the airplane off the ground.

2. Definition

- A. This chapter is divided into sections to aid maintenance personnel in locating information. Consulting the Table of Contents will further assist in locating a particular subject. A brief definition of the sections incorporated in this chapter is as follows:
- (1) The section on jacking provides normal procedures and techniques used to jack the airplane off the ground.
 - (2) The section on emergency lifting provides procedures, techniques and fabrication information needed to lift the airplane by overhead means.
 - (3) The section on shoring provides information regarding construction and location of shoring devices.

3. Tools, Equipment and Materials

NOTE: Equivalent substitutes may be used for the following items:

NAME	NUMBER	MANUFACTURER	USE
Main/Nose Gear Jack	2-169-10	Cessna Aircraft Company Cessna Parts Distribution Department 701, CPD 25800 East Pawnee Road Wichita, KS 67218-5590 (P. O. Box 7704 Wichita, KS 67277-7704)	To jack airplane.
Nose Gear Jack	02-0222-0100	Tronair South 1740 Eber Rd. Holland, OH 43528	To jack nose gear.
Jack Pad	J-1370	Tronair	Used in conjunction with Tronair nose gear jack.
Tail Stand	2-531-01	Cessna Aircraft Company	To provide support for tailcone.
Wing Jack		Support Systems Corp. 4216 N. Carmichael Court Montgomery, AL 36106	Used to jack wings in alternate lifting method.
Wing Jack Pad		Locally Fabricated	Used in conjunction with alternate lifting method.
Spreader Jig		Locally Fabricated	Used for emergency lifting.