

WINGS - GENERAL

1. Scope

- A. This chapter gives a description for those wing structures and associated components which support the airplane in flight. Included are the attach fittings, ailerons, and flaps.

2. Tools, Equipment and Materials

- A. Equivalent alternatives may be used for the following items:

NAME	NUMBER	MANUFACTURER	USE
Installation Cement	Scotch Grip EC1300L cement (FSN 8040-628-4199)	3M Co. St. Paul, MN 55144-1000	To bond the de-ice boot to the flap.
Methyl n-Propyl Ketone		Commercially Available	To clean the boot and mating surface.
Cleaning Solvent	Hexane	Commercially Available	To clean the mating surface.
Cleaning Solvent	Toluol FSN TT-T548	Commercially Available	To remove the boot, to remove vortex generators and clean wing surface where they are installed.
Neoprene Coating	GACO N-700-A	Gates Engineering Co. Wilmington, DE	To apply a finish to the edges of the boot.
Rubber Roller	Two inch (5 cm) Rubber	Gates Engineering Co. Wilmington, DE	To install the boots.
Metal Stitcher Roller	1/4 inch (0.63 cm)	Commercially Available	To install the boots.
Masking Tape	1 inch	Commercially Available	To isolate the boot area.
Carpenter's Chalk Line		Commercially Available	To put a mark on the centerline of the flap and boot.
Measuring Tape		Commercially Available	
Sharp Knives		Commercially Available	
Cleaning Cloth (Lint Free)		Commercially Available	

3. Definition

- A. This chapter is divided into sections to help maintenance personnel find data. The Table of Contents will also help find specified data. A brief definition of the sections included in this chapter is as follows:
- (1) The section on Wings gives a description of the components and the removal and installation procedures.
 - (2) The section on Wing Plates/Skins gives a description of the components and the removal and installation procedures.
 - (3) The section on Leading Edge gives a description of the components and the removal and installation procedures.
 - (4) The section on Flaps gives a description of the components and the maintenance practices.
 - (5) The section on Ailerons gives a description of the components and the maintenance practices.
 - (6) The section on Spoilers gives a description of the components and the maintenance practices.