**TECHNICAL MANUAL**

# MAKE SAFE PROCEDURES FOR PUBLIC STATIC DISPLAY

**(ATOS)**

This publication supersedes TO 00-80G-1 dated 30 November 2002.

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## 1. PURPOSE.

1.1. This technical order implements Department of Air Force policy governing the public static display of aircraft, air or ground launched missiles, (including strategic missiles) and equipment. It outlines the general safety objectives, requirements to be met, establishes responsibilities and provides instructions for further implementation of this policy. The instructions contained herein are mandatory for all activities concerned.

1.2. When this technical order is applicable to equipment other than aircraft, terminology such as cockpit may be substituted with other terminology such as cab or control area.

## 2. REFERENCES.

a. AFR 11-209, Aerial Event Policy and Procedures.

b. AFR 21-102, Depot Maintenance and Management

c. AFI/AFMAN 91-Series, Safety.

## 3. MAKE SAFE.

3.1. Make Safe is defined as one or more actions necessary to prevent or interrupt complete function of the system (traditionally synonymous with "dearm", "disarm", and "disable"). Among the necessary actions are: (1) Install safety devices (such as pins, engine/protective covers, or locks); (2) Disconnect (hoses, linkages, batteries); (3) Bleed (accumulators, reservoirs); (4) Remove explosive devices (such as initiators, fuses, impulse cartridges, flares, detonators); and (5) Intervene (as in welding, lockwiring). Make Safe includes all actions necessary to protect the public from hazards associated with the aircraft or equipment being displayed and to protect the aircraft or equipment from the public.

3.2. This definition will be applied to those systems which may pose hazards during public static display. Among the systems to be addressed are: Egress, Hydraulic, Engines, Arresting Hooks, Electrical, Emergency Power, Pneumatic, Fuel, EPU Fuel, and Weapons release (including inert munitions). Other systems/equipment, (i.e., propellers, engines, ramps, doors, access ladders/steps, antenna) will be addressed if there is a hazard peculiar to certain aircraft or equipment.

3.3. The application of Make Safe to specific systems will depend on the degree of access (or degree of exposure) the public will have to the aircraft or equipment. There are four distinct cases which must be considered.

    a. No Public Access - Aircraft/equipment will be roped off.

    b. Cockpit Restricted - Public may approach and view cockpit, but may not enter.

      (1) Canopy Open.

      (2) Canopy Closed.

    c. Cockpit Open - Public may enter cockpit.

    d. Permanent Display.

      (1) Limited Access.

      (2) Unlimited Access.

## 4. RESPONSIBILITIES.

4.1. Headquarters Air Force Materiel Command (AFMC) will:

    a. Be responsible for the management, development, and publication of this basic technical order.

    b. Ensure implementation of and compliance with this program throughout AFMC by providing administrative and technical surveillance over AFMC activities.

4.2. The responsible System Program Director (SPD)/Commodity Manager (CM) will:

a. Acquire make safe procedures for public static display for 00-80G technical orders during aircraft/equipment acquisition in accordance with the policies herein and instructions in paragraph 5. The TO shall comply with provisions in TO 00-5-1, 00-5-3, and MIL-STD-38784.

b. Acquire supplements, changes, and revisions to 00-80G series technical orders, when required, based on changes to aircraft/equipment or data during aircraft/equipment acquisition. These supplements, changes, and revisions shall comply with TO 00-5-1 and 00-5-3.

c. Develop, prepare, and publish Make Safe procedures for public static display in the 00-80G series technical orders for assigned aircraft/equipment in accordance with the policies herein and instructions in paragraph 5 and MIL-STD-38784. The TO shall comply with provisions in TO 00-5-1.

d. Prepare and publish supplements, changes, and revisions to published 00-80G series technical orders, when required, based on changes to aircraft/equipment or data for assigned aircraft/equipment. These supplements, changes, and revisions shall comply with TO 00-5-1.

4.3. Commands, Using and/or Possessing will:

a. Ensure implementation of and compliance with this program throughout the Command by providing administrative and technical surveillance over Command activities.

b. Be responsible for and perform the work required in the Making Safe for public static display of aircraft/equipment.

c. Be responsible for returning the aircraft/equipment to an operational configuration.

**5. PREPARATION.** Individual technical orders, in the 00-80G series, will be prepared for all aircraft/equipment. Technical orders of eight pages or less will comply with MIL-STD-38784 or be generally arranged as follows:

5.1. Front matter consisting of:

a. Title Page

b. List of Effective Pages

c. Foreword

d. Table of Contents as required

e. List of Illustrations

f. List of Tables

g. Safety Summary

5.2. Chapter I, General; will as a minimum contain:

a. Definition of Make Safe (reference paragraph 3.1.)

b. General Instructions.

5.3. Chapter II, Make Safe procedures:

a. Section I, No Public Access

b. Section II, Cockpit Restricted

c. Section III, Cockpit Open

d. Section IV, Permanent Display

5.4. Chapter III, Return to Operational Configuration:

a. Section I, From Restricted Cockpit

b. Section II, From Open Cockpit

5.5. When the procedures to Make Safe exist and are adequately covered in the appropriate aircraft -2 series/equipment maintenance technical orders, reference will be made to those instructions, for example, "Bleed secondary power hydraulic accumulators in accordance with instructions in 1F-XX-10."

5.6. If the information in the aircraft -2 series/equipment maintenance technical orders is not sufficient, the 00-80G series technical order shall augment the aircraft -2/equipment technical order to make the aircraft/equipment safe for static display.

5.7. The 00-80G series technical order shall describe the actions necessary before next flight or use to reverse whatever was done to "Make Safe" and shall call out special items for preflight inspection

5.8. All instructions will be listed in the order in which the work can most logically be accomplished.

**THE END**