

MIL-A-19736A(WP)
Amendment - 2
16 March 1966
Superspeeding
Amendment - 1
13 March 1961

MILITARY SPECIFICATION

AIR REFUELING SYSTEMS, GENERAL SPECIFICATION FOR

This amendment forms a part of Military Specification MIL-A-19736A(WP) of 5 August 1960 and has been approved by the Bureau of naval Weapons, Department of the Navy.

Page 7 Paragraph 3.5.4 Add the following sentences at end:

The fuel scheduling counter shall be easily operated to set the quantity of fuel to be transferred. Manual cranks shall not be employed. As a design objective, time required to set the fuel scheduling counter from zero to any desired reading shall not exceed ten second. Failure of the fuel scheduling mechanism shall not affect operation of the additive counter which indicates the quantity of fuel that has been transferred.

Page 11 Paragraph 3.15.3 Change to read: "Strength: Probe strength shall be in accordance with specification MIL-A-8865. Retractable probes shall be capable of extension and retraction at the cruise speed of the aircraft and shall be capable of remaining extended at the cruise speed of the aircraft.

Page 12 Add paragraph 3.15.4.1 Emergency Extended: Retractable probes shall be provided with an emergency extension system. This system may be a "one shot" system but must be positively locked in the extended position. The emergency extend system shall not utilize the same power supply system utilized for normal extension. The switch which sets the fuel system to accept air refueling shall not be tied to the emergency extend system in a way which would preclude returning the fuel system to its normal transfer operations. The emergency extend system shall be capable of being operated individually and not be dependent on emergency operation of other systems such as gear down.