

**A7.4. Package Aircraft Hydraulic Power Unit Fuel Tank as follows:**

A7.4.1. Handling Instructions. In the event of a leak during transportation of hydrazine, crew members use their aircraft oxygen masks in a positive pressure mode.

A7.4.2. Packaging Requirements. Aircraft hydraulic power unit fuel tanks containing a mixture of anhydrous hydrazine and monomethyl hydrazine (M86 fuel) and designed for installation as complete units in aircraft are excepted from specification packaging requirements if the units comply with one of the following:

A7.4.2.1. Units consisting of an aluminum pressure vessel made from tubing and having welded heads. Primary containment of the fuel within this vessel consists of a welded aluminum bladder having a maximum internal volume of 46 L (12 gallons). The outer vessel has a minimum design gauge pressure of 1,275 kPa (185 psig) and a minimum burst gauge pressure of 2,755 kPa (400 psig). Leak-check each vessel during manufacture and before shipment and ensure the vessel is found leak proof. Securely pack the complete inner unit in noncombustible cushioning material, and in a strong outer tightly closed metal packaging that adequately protects all fittings. The maximum quantity of fuel per unit and package is 42 L (11 gallons).

A7.4.2.2. Units consisting of an aluminum pressure vessel. Primary containment of the fuel within this vessel consisting of a welded hermetically sealed fuel compartment with an elastomeric bladder having a maximum internal volume of 46 L (12 gallons). The pressure vessel requires a minimum design gauge pressure of 2,860 kPa (415 psig) and a minimum burst gauge pressure of 5,170 kPa (750 psig). Leak-check each vessel during manufacture and before shipment and ensure the vessel is found leak proof. Securely pack the complete inner unit in noncombustible cushioning material, and in a strong outer tightly closed metal packaging that adequately protects all fittings. The maximum quantity of fuel per unit and package is 42 L (11 gallons).