Aero Precision is the worldwide stocking distributor for Amfuel fuel tanks, cells and bladders.

Amfuel is the largest designer and fabricator of composite fuel cells for aviation, aerospace, military ground forces and commercial transport industries. Amfuel supports the C-130, F-18, F-16, F-15, F-5, T-38, F-4, P-3, A-4, AH-64, UH-1, AH-1 and others.

F-15 FUEL CELLS

F-18 FUEL CELL BLADDERS

AH-64 Crash Resistant Cell

Crash Resistant self sealing cells are used in various types of rotary wing military aircraft. They provide impact protection for up to a 65ft drop, when fully loaded and conforming to the interior space they must occupy.

F-16 FUEL CELL BLADDERS

F-16 FUEL CELL BLADDERS

AH-64 Crash Resistant Cell

C-130 FUEL CELL BLADDERS

International Exclusive distributor

F-5 Bladder Fuel Cell

Self Sealing Fuel Cell bladders are used in military aircraft to provide a high level of ballistic threat protection US mil spec approved to be ballistic tolerant for 30 Cal and 50 Cal. For aircraft going in harms way these bladders are the best “get me home” insurance you can get.

F-18 Self Sealing Fuel Bladder

Bladder Fuel Cells easily conform to the aircrafts interior structure. They are lightweight, durable and easy to install.
I. SERVICE LIFE RECOMMENDATION FOR F-18 AIRCRAFT FUEL CELLS
   a. Fuel cells have a service life that is affected by many factors such as flight hours, removal and replacement cycles and environmental conditions.
   b. Amfuel strongly recommends that fuel cells in the aircraft older than fifteen (15) years, be replaced when the aircraft is in for major depot level maintenance. This will greatly reduce aircraft down time and maintenance requirements.
   c. In the event a leak test is required, it is the recommendation of Amfuel that the cell be returned to the factory for testing per Amfuel ATP, or the cell be tested for a period of not less than five (5) days in special fixture. Any signs of leakage at the conclusion of this test will be cause for rejection.

II. FUEL CELL SHELF LIFE / STORAGE RECOMMENDATIONS FOR F-18 FUEL CELLS
   a. It is the recommendation of Amfuel that any fuel cell, which has been stored for an extended period of time, either at Depot Level or in the aircraft, be inspected closely. If there is no objective evidence that the proper storage procedures have been followed or the fuel cell is more than fifteen (15) years old, then Amfuel strongly recommends that the fuel cell should not be installed and/or placed in service.
   b. A fuel cell is considered new for 36 months from the original date of manufacture, while in storage at Amfuel.
   c. Fuel cells that have been handled and/or stored in accordance with applicable Military, Customer or Industry acceptable methods and selected for aircraft installation within 3 years of date of manufacture require no additional inspection and are considered factory new.
   d. Fuel cells that have been handled and/or stored in accordance with applicable military customer or industry acceptable methods shall be re-inspected within (2) years of initial inspection. This procedure shall be performed every two (2) years thereafter until subject cell is put in service. Fuel cells that have not been inspected within four (4) years of date of manufacture must be returned to manufacturer for evaluation and testing.

Director, Quality
Amfuel