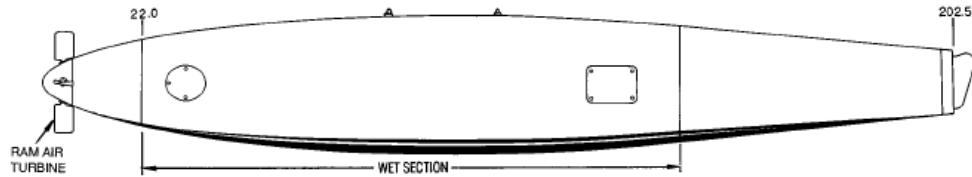


*The World Leader in External Fuel Tanks and Pylons, Aerial Refueling Systems,
Special Purpose Pods, and Pneumatic Suspension and Release Equipment*

AERIAL REFUELING BUDDY-BUDDY STORE

MODEL 31-300-48053



Fuel: JP-4, JP-5, JP-8
 Fuel Transfer Rate: 200 GPM (757 L/min)
 Fuel Pressure at Coupling: 35-55 psig (242-379 kPa)
 Refueling Coupling: MA-3
 Electrical Power Requirements: 28 V dc, 8A, 115 V ac, 400 Hz
 Hydraulic Fluid: MIL-H-83282
 Operating Pressure: 3000 psi (20,684 kPa)
 Power Source: Ram Air Turbine

FLIGHT ENVELOPE

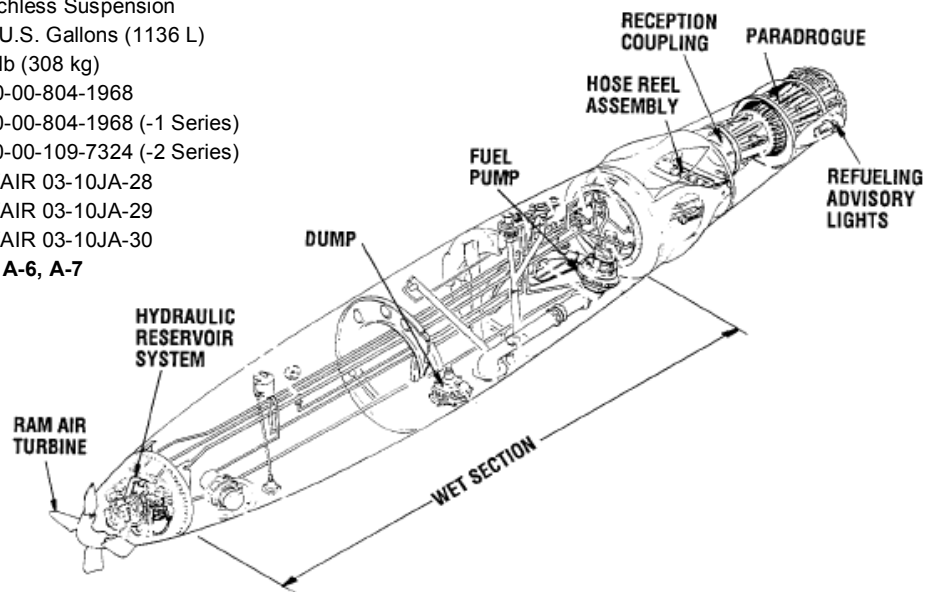
Operating Altitude Range: Sea Level to 40,000 ft (12,192 m)
 Operating Temperature Range: -65° to +160°F (-54° to +71°C)
 Operating Air Speed: 200-325 KIAS
 Emergency Provisions: Hose Guillotine, Jettison, and Sealing;
 Pod Jettison; Fuel Dump Mode



Malaysian A-4s Night Refueling with Buddy Store

POD SPECIFICATIONS

Diameter: 31 in (78.74cm)
 Length Overall: 202.5 in (514.35 cm)
 Mounting: Fuselage Centerline,
 Crutchless Suspension
 Fuel Capacity: 300 U.S. Gallons (1136 L)
 Empty Weight: 680 lb (308 kg)
 National Stock Number: 1680-00-804-1968
 1680-00-804-1968 (-1 Series)
 1680-00-109-7324 (-2 Series)
 Technical Manual: NAVAIR 03-10JA-28
 NAVAIR 03-10JA-29
 NAVAIR 03-10JA-30
 Aircraft Applications: A-4, A-6, A-7



SARGENT FLETCHER
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