

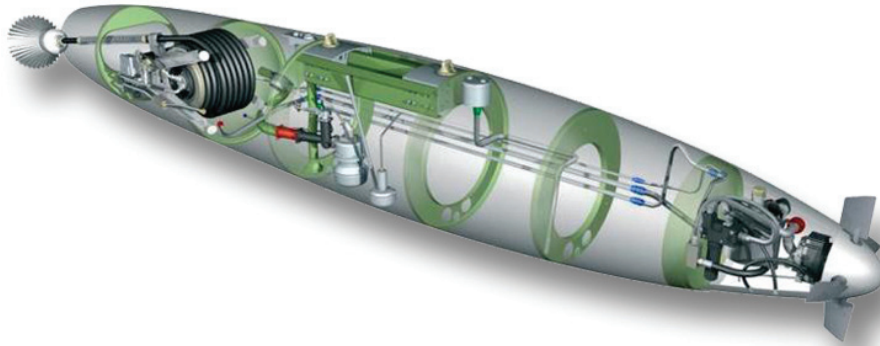
Buddy Stores

31-300 Series

P/N: 31-300-48053

COBHAM

The most important thing we build is trust



The 31-300 Series Buddy Store is mounted on an ejector rack by two lugs spaced 30 in apart. The store has an internal capacity of 300 gal and is capable of pumping fuel to a receiver aircraft at a rate of 200 gal/min with a drogue pressure of 35 to 55 psi. Additional fuel can be transferred through the store from the internal and external fuel tanks of the tanker aircraft. A ram air turbine drives a variable displacement hydraulic pump when the store is activated, generating hydraulic power to drive the hose reel and fuel pump motors. The store provides hose guillotine, jettison, and sealing; and pod jettison emergency provisions.

Specifications

Operating air speed:	Up to 325 KIAS
Fuel:	JP-4, JP-5, JP-8
Refueling coupling:	MA-3
Electrical power requirement:	28 VDC, 8 A 115 VAC / 400 Hz, 4 A
Hydraulic fluid:	MIL-H-83282
Operating pressure:	2950 to 3050 psi (20,339 to 21,029 kpa)
Power source:	Ram Air Turbine
Optional built in test:	Cockpit control panel readout of all critical parameters
Fuel capacity:	300 US gal (1136 L)
Empty weight:	Up to 800 lbs (363 kg)
Maximum diameter:	31 in (78.74 cm)
Maximum length:	203 in (516 cm)
Platform integration:	A-4, A-6, A-7, S-3A, S-3B



CAGE Code 72429

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