

Buddy Stores

28-300 Series

P/N: 28-300-48116

COBHAM

The most important thing we build is trust



The 28-300 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 the rate of 220 gal/min with a drogue pressure of 30 to 60 psi. A ram air turbine drives a variable displacement hydraulic pump when the store is activated. Hydraulic power generated by the pump provides the power to drive the hose reel and fuel pump motors. The store provides hose guillotine, jettison, and sealing; pod jettison.

Specifications

Flight Envelope

Operating altitude range: Sea level to 40,000 ft (12,192 m)
Operating temperature range: -65F to 160F (-54C to 71C)
Operating air speed: 200 to 325 KIAS
Emergency provisions: Hose guillotine, jettison and sealing; pod jettison

POD

Diameter: 28 in (71 cm)
Length overall: 220.47 in (559.99 cm)
Mounting: Fuselage centerline, crutchless suspension
Fuel capacity: 300 US gal (1136 L)
Empty weight: 725 lb (329 kg)

Platform integration: Panavia Tornado
Similar Cobham Buddy Stores have been integrated on the F/A-18 and S-3 Unmanned Aircraft to convert existing platforms to refueling tankers



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