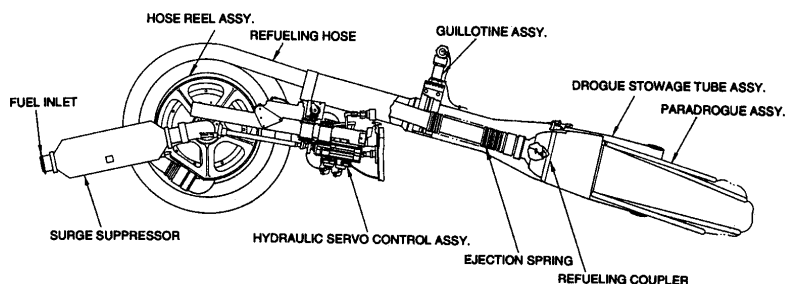


*The World Leader in External Fuel Tanks and Pylons, Aerial Refueling Systems,  
Special Purpose Pods, and Pneumatic Suspension and Release Equipment*

# AERIAL REFUELING HOSE DRUM UNIT MODEL FR-300



*U.S. Marine Corps KC-130 Hercules Tanker  
conducting helicopter refueling operations*

Fuel: JP-4, JP-5, JP-8

Fuel Transfer Rate: 150-500 GPM (568-1136 L/min)

Fuel Pressure at Coupling: 30-60 psig (206-412 kPa)

Refueling Coupling: MA-2, MA-3

Electrical Power Requirements: 18-29 V dc, 10 A

Hydraulic Fluid: MIL-H-83282, B500 Skydrol

Operating Pressure: 2950-3050 psi (20,339-21,025 kPa)

## **FLIGHT ENVELOPE**

Operating Altitude Range: Sea Level to 35,000 ft (12,192 m)

Operating Temperature Range: -65° to +165°F (-54° to +71°C)

Operating Air Speed: 95-325 KIAS

Hose Extended Tail Length: 82 ft (24.99 m)

Emergency Provisions: Hose Guillotine, Jettison, and Sealing

Technical Manual: T.O. 6A8-3-1, -3, -4 / SFI 43.876

Aircraft Applications: KC-130, B707

National Stock Number: 1680-01-023-3165

Part Number 149R 1060-1



**SARGENT FLETCHER**  
**COBHAM**