

Buddy Refuelling System

754 Buddy Store

COBHAM

The most important thing we build is trust



Buddy Refuelling System

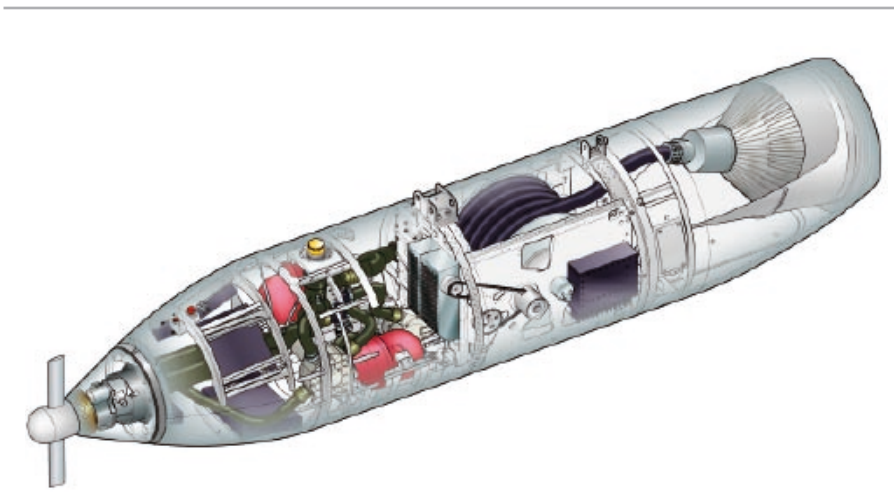
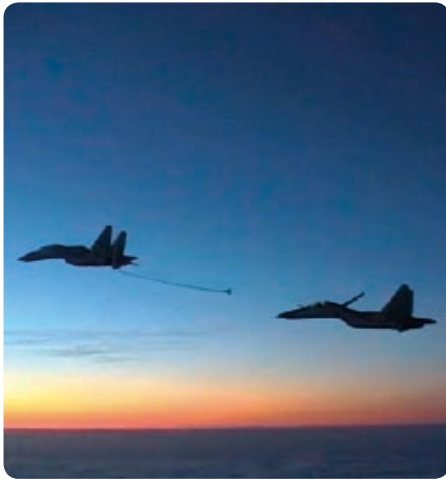
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The 754 buddy store, currently in service on the Su-30 offers a highly reliable and effective refuelling solution. Developed from the successful 750 series wing pod, the 754 buddy store provides aircraft with extended operational capabilities including range and role change capacity.

Key Features

- Self contained air refuelling system requiring nominal aircraft electrical supplies
- Comprehensive cockpit control and monitoring suite
- Dynamic hose response maintained via a tensator assisted fuelhydraulic system
- Ruggedised design for fast jet environment
- Ram air turbine powered with automatic RAT brake
- Designed for rapid installation and removal
- Optional automatic fire detection and suppression system
- Tailored Ground Support Equipment for on and off aircraft maintenance
- Ease of maintenance provided by:
 - Comprehensive "Built in Test"
 - 'On Condition' Line Replaceable Units
 - Quick Access Panels



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Flow rate	Up to 410USgpm (1552 l/min)
Hose length	Up to 75ft (trailed length)
Dry weight	1375lbs/624kg (excluding pylon)
Hose end pressure	50psig (345kPa)
Operational air speed	230 – 325KCAS
Platform integration	Currently integrated onto Su-30

Cobham Mission Equipment currently supports over 20 air forces worldwide and has delivered more than 1000 refuelling systems, integrated onto more than 25 platforms.

For further information please contact:

Cobham Mission Equipment

Brook Road, Wimborne

Dorset, BH21 2BJ

England

Tel: +44 (0) 1202 882 121

Fax: +44 (0) 1202 880 096

E-mail: missionequipment.info@cobham.com

