

Drogue Enhancements

Improving Maintainability Without Compromising Performance

COBHAM

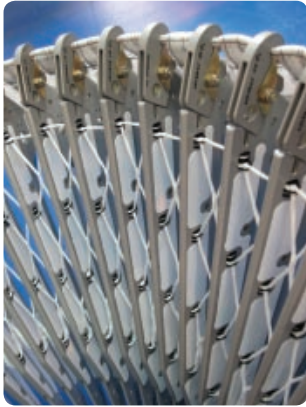
The most important thing we build is trust



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Cobham's range of enhanced aerial refuelling drogues reduce through-life operating costs by minimising down time and maximizing serviceability.

Designed to limit maintenance time and tasks by providing quick and easy 'in the field' replacement of damaged rib and intercostal net assemblies, with minimal use of tools.

Reduced component part count and appropriately selected materials minimise risk of receiver engine damage in case of breakage.

Drogues are compliant to NATO STANAG 3447.



Key Features



Easily replaceable ribs with larger reflective areas



Replaceable intercostal nets



Billet machined attachment rings

Performance

- Direct replacement alternative for Metal Tie Wire Drogues
- Robust and stable design with improved durability
- High density intercostal nets reduce risk of basket penetration from receiver refuelling probes during hook ups
- Nylon intercostal nets replace metal tie wires reducing risk of receiver engine damage in case of breakage
- Overall lower component part count and reduction of metallic parts when compared to Metal Tie Wire Drogues
- Drogue drag remains constant once deployed and is ideal for refuelling receiver aircraft at similar speeds

Benefits

- Reduced life cycle costs
- Reduced maintenance
- Simple modification

Compatibility

- All Cobham Mission Equipment Air-to-Air Refuelling Pods
- A range of Para Drogue Canopies with or without Tritium Beta Lights
- Standard MA3 and MA4 Reception couplings
- CME Drogue Illumination System (DIS). See separate data sheet

Variations of Enhanced Drogues in service with:

- Royal Air Force, VC-10, Tristar and A330 FSTA
- United States Air Force, KC-135 & AFSOC Talon II
- Republic of Singapore Air Force KC-135
- Royal Australian Air Force KC-30A MRTT

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