

Mobile Aircrew Restraint System

MARS

Part Number 1855-003

COBHAM

The most important thing we build is trust



Applications

Helicopters and fixed-wing aircraft requiring aircrew to perform tasks near open doors and hatches.

Physical Specifications

Weight 5.2 lbs (2.4 kg) (including webbing strap)

<u>Part</u>	<u>Part Number</u>
MARS, with 63" Webbing Assembly	1855-003-01
MARS, with 80" Webbing Assembly	1855-003-02
MARS, without Webbing Assembly	1612-074-01
Webbing Assembly (63")	1612-075-01
Webbing Assembly (80")	1612-075-02
Plate, Ceiling Support	1109-259-01

Performance Characteristics

Environments	MIL-STD-810
Vibration, Shock	MIL-STD-810
Ultimate Load	5,000 lbs (2,268 kg)
Webbing Payout	Up to 80 in (203 cm)
Temperature Range	-65°F to +230°F (-54°C to +110°C)
Life Cycle	60,000 Cycles
Finish	Matte black anodize, other colors or paint finishes available upon request.

Aircrew members have been ejected from helicopters and seriously injured during relatively benign ground impacts. The Mobile Aircrew Restraint System (MARS) is a device developed and designed to prevent highly mobile aircrew from being ejected during a crash event and to provide fall protection when working near open aircraft door or hatches. It is a derivative of the highly successful MA-16 Gunner's Reel, an inertia reel with dual-mode locking capability qualified to the rigorous MIL-R-8236F specification.

- Increases Aircrew Comfort & Safety.
- Easily adapts to existing or emerging aircrew harnesses or belts.
- Eliminates webbing slack.
- Allows aircrew to concentrate on their mission without constant strap length management.
- Minimizes tripping hazards during ground troop insertion/extraction missions.
- Reduces aircrew-webbing entanglement.
- Prevents webbing "roping" by incorporating a webbing swivel.

Cage Code 62323

For further information please contact:

Cobham Life Support
2801 75th Street North
St. Petersburg, FL 33710 USA

Tel: +1 (727) 345 8000

Fax: +1 (727) 345 4217

© Cobham plc, 2009