

DATA SHEET

RM-30B Reeling Machine-Launcher



01 Description

The RM-30B Reeling Machine-Launcher was developed to operate on modern fighter jet aircraft for the purpose of supporting both the short tow gunnery and long tow missile target missions using one reeling machine configuration. The machine is a derivative of the RM-30A and RMK-35 machines, it has the load capacity of the RMK-35, the towline capacity of the RM-30A, and is powered by the higher output turbine of the RM-30A1.

02 Key features and benefits

- Two way reeling system permits recovery and reuse of tow targets
- Pilot operated, semi-automatic, cockpit control panel with digital display of towline length, tension and machine status
- Compatible with A-4, A-7, F-4, F-5, F-16, F-18 AIRCRAFT and NATO standard 30-inch spaced suspension lug ejectors
- Available with centerline target launcher

03 Applications

- Reeling machine launcher for modern fighter jet aircraft

04 Contact

Meggitt Defense Systems
9801 Muirlands Blvd
Irvine, CA 92618, USA
Tel: +1 (949) 465 7700
Fax: +1 (949) 465 9560

www.meggittdefense.com
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05 Specifications

Redundant towline cutters

Microprocessor Logic Control Module(MLCM) provides dependable "user defined" system control with functional presets, self-test, and non volatile memory

Compatible with the Meggitt Defense Systems RADOPS real time scoring system

Qualified for worldwide use IAW US Military specifications and standards

Reeling

- Tow aircraft speed (max) - 250 KCAS
- Average towline speed - 1600 - 2000 FPM
- Final recovery speed - 180 FPM (user defined)

Towing

- Tow aircraft speed (max) - 500 KCAS or .95 mach
- Acceleration - (max) 6g

Towline load

- Recovery - (250 KCAS) 1,355 lb
- Towing (max) - 4,000 lb
- Load rating - 6,000 lb

Electrical

- Operating voltage - 28 dc
- Current - (max reeling) 10 AMP

Mechanical

- Suspension lugs - (30.0 spacing) MK 3 MOD O
- Spool volume - (max) 2,500 in³
- Towline length - (0.082 DIA/stepped) 26,000 ft/30,000

Cockpit control panel

- Height - 2.63 in
- Length - 6.00 in
- Width - 5.75 in
- Weight - 2.1 lb
- Operating voltage - 28 dc