

Aeromechanical Systems > Towed Targets

RM-30B Reeling Machine-Launcher



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.

Key features

- 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
- 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



Aeromechanical Systems > Towed Targets

RM-30B Reeling Machine-Launcher

Specifications

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 0
Spool volume	(max) 2,500 in ³
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

Specification subject to change - TCO Review #150

Contact

Meggitt Defense Systems

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

www.meggittdefense.com
www.meggitt.com