

# T-10R MIRPS-SLCP

## TROOP RESERVE PARACHUTE ASSEMBLY

### T-10R RESERVE - MODIFIED IMPROVED RESERVE PARACHUTE SYSTEM SOFT LOOP CENTER PULL

The standard, chest-mounted reserve parachute assembly is designed as a back-up system for all models of the T-10 Series Non-Steerable and MC1-1Series Steerable Troop Parachute Assemblies. The Airborne Systems T-10R MIRPS is also designated for use with the SF-10 Steerable Troop Parachute Assembly. The 24-foot diameter assembly is manually activated in the event of a malfunction or failure of the main canopy.



The center pull design offers the advantage to deploy the parachute with either or both hands. The SLCP (Soft Loop Center Pull) design also reduces the possibility of unintentional deployment due to the motion requirement to pull the handle upward (vs. pull to the side or in a downward motion). This also makes the T-10R more secure and easier to protect while moving around in the aircraft, lessening the likelihood of interference of equipment.

# T-10R MIRPS-SLCP

## TROOP RESERVE PARACHUTE ASSEMBLY

### T-10R MIRPS SLCP DESCRIPTION

The T-10R MIRPS SLCP consists of the following components: Canopy, Pack, Pilot Chute & Bridle Assembly, Ripcord, Spring Assembly

The T10-R MIRPS-SLCP uses connector snaps to the troop harness D-rings and has an overall weight of approximately 12 lbs (5 kg). All Airborne Systems T-10R reserve assemblies utilize a 24-gore, 24 foot flat circular canopy with pocket bands and a lower skirt band which has a tensile strength of 525 lbs (240 kg). The MIRPS-SLCP pilot chute is attached to the reserve canopy by a bridle assembly, which is made of 2" nylon webbing Bally Pattern 1655 (1800 lb or 816.5 kg).

### T-10R MIRPS SLCP TECHNICAL SPECIFICATIONS\*

Item	T-10R MIRPS SLCP
Parachute Assembly Part Number	782027 or 11-1-4012-2
NATO Stock Number	1670-01-420-4256
Nominal Diameter	7 Meters (24 Feet)
Number of Gores	24
Canopy Material	PIA-C 7020 Type 1
Standard Color	Foliage Green
Suspension Line Length	6 meters (20 feet)
Suspension Line Material	PIA-C-5040 Type II
Suspension Line Tensile Strength	240kg (525 lbs)
Assembled Weight	5.5 KG (12 LB)
Maximum Exit Weight	136 KG (300 LB)
Maximum Exit Velocity	241 KM/H (130 KTS)
Rate of Descent at 90 kg AUW:	6.7 M/S (22 F/S)

The Airborne Systems developed MIRPS was selected by the U.S. Army for the modification of their T-10R Reserve Parachute System. The Airborne Systems design meets the U.S. Army need for a highly reliable fast-opening troop reserve. It is manufactured in strict accordance with all applicable United States Military Specifications and in absolute conformance to the T-10R MIRPS-SLCP designated drawing package.

All Airborne Systems parachutes are manufactured in accordance with current applicable US Army and PIA (Parachute Industry Association) specifications.