

## AUTOMATIC BAROMETRIC RELEASE

The Irvin MK 10B is an automatic parachute release mechanism designed specifically for use by aircrew personnel flying high altitude, high speed aircraft. The MK 10B's purely mechanical release action ensure a positive means of automatic parachute activation in the event that the pilot is either unconscious or incapable of activating his parachute manually. The MK 10B further reflects the outstanding accuracy and operational reliability characteristic of Irvin's FF-2 Hitefinder Parachute Release Mechanism. The MK 10B can be fitted to the emergency parachutes/escape systems of a variety of jet aircraft.



### SAFETY FEATURES:

The MK 10B incorporates several fundamental safety features which ensure the mechanism's functional reliability and further provide a visible means of confirming the mechanism's correct working order:

- An altitude sensing aneroid which prevents parachute deployment above the preset altitude.
- An adjustable time delay system which ensures that a time lapse occurs between ejection and parachute deployment.
- A leak indicator aperture which confirms the aneroid capsule's proper working order.
- A reset indicator aperture to confirm that the time delay mechanism is in a fully reset position.
- A protective, die cast aluminum case and supportive rubber pads for increased shock-absorbency.
- A powerful 150 LB force (68 Kg) coil spring action providing a positive ripcord pin extraction under the most extreme conditions



### TECHNICAL DATA

NSN	:	1670-21-861-9624
P/N	:	MRI IRV 708
Basic Assembly Wt.	:	1 lb 11 oz (0.77 Kg)
Altitude Setting	:	3,000 FT to 30,000 FT (909 M to 9091 M)
Accuracy Rating	:	± 500 FT (152 M)
Time Delay	:	0.20 Seconds to 4.00 Seconds



*IRVIN products have been developed and tested for over 75 years to demanding specifications. They are in use worldwide and are endorsed by many nations as products of reliability and quality.*

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