



01 / PRODUCT OVERVIEW

AUFK M-91

AUFK M-91 aircraft bomb fuze



FIG 01 PRODUCT CONFIGURATION

-40 °C to 60 °C

TEMPERATURE RANGE OF USE

1650 g

FUZE MASS

High-explosive aircraft bomb with or without drag chute

PURPOSE

Front and rear

INERTIA ACTION

01.1 / OVERVIEW

An impact, inertia-type electronic-mechanical fuze for high-explosive aircraft bombs with or without a drag chute, offering super-quick (T) and delay (U) action selectable by a manual mode selector and fitted with an armed/unarmed status indicator.

TYPE

Fuze

PROCUREMENT AND COMPLIANCE

Supply is exclusively for government and institutional end-users. Availability is subject to destination screening, a state-issued export licence and a verified End-User Certificate.



02 / TECHNICAL SPECIFICATION

TECHNICAL DATA

AUFK M-91 / AMMUNITION

IDENTITY AND CONSTRUCTION

Fuze mass	1650 g
Fuze length	258 mm
Fuze connecting thread	M52 x 3
Fuze length entering the bomb	136 mm
Fuze life	10 years min. under prescribed keeping and storing conditions

BALLISTIC PERFORMANCE

Temperature range of use	-40 °C to 60 °C
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DIMENSIONS, MASS AND SUPPLY

Max diameter	90 mm
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ADDITIONAL TECHNICAL DATA

Type	Impact, inertia-type electronic-mechanical fuze with super-quick (T) and delay (U) action adjustable by mode selector
Purpose	High-explosive aircraft bomb with or without drag chute
Inertia action	Front and rear
Arming time, bomb without drag chute, super-quick action	3.6 s
Arming time, bomb with drag chute	2.5 sec; successful braking gives impact action, unsuccessful braking gives delayed action
Delayed action time	22 ± 4 sec
Arming	Electrical
Status indicator	Armed, unarmed super-quick or delay
Waterproof	Yes
Mode selection	Manual, without accessories



CONFIGURATION VIEWS

AUFK M-91 / SUPPLEMENTARY CATALOGUE VIEWS

FIG 02 / sectioned

