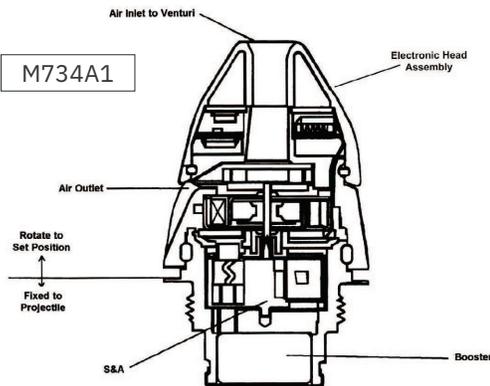




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M734A1 MULTI-OPTION FUZE FOR MORTARS

PERFORMANCE CHARACTERISTICS								
Overall Size & Weight			Intrusion		Thread			
Length	3.722 in.	(94.5 mm)	Depth	1.120 in.	(28.4 mm)	1.5-12UNF-1A		
X-Section	1.935 in.	(49.1 mm)	Diameter	1.145 in.	(29.1 mm)	Depth	0.440 in.	(11.2 mm)
Weight	0.50 lb.	(226.8 g)						
Weapons			Ammunition		Operating Modes			
60 mm Mortar M224			HE, M720A1		Prox. (7 ft.), PD, Delay			
81 mm Mortar M252			HE, M821A2		Prox. (7 ft.), PD, Delay			
120 mm Mortar M120, M121			HE, M934A1 & WP SMK, M929		Prox. (14 ft.), PD, Delay			
Safety					Temperature			
1st Safety	Setback	215 g, No Arm	395 g, All Arm		Function	-40 °C to +63 °C		
	Drop Safety	No Arm, 70 ft./sec. Minimum Velocity Change				(-40 °F to 145.4 °F)		
2nd Safety	Air Flow	213 ft./sec. to 1,043 ft./sec.		Storage	-40 °C to +71 °C			
		100 m, No Arm	300 m, All Arm			(-40 °F to 159.8 °F)		
Shelf Life								
20 years								



The M734A1 is the U.S. Army's newest-generation, NATO-standard Multi-Option Fuze for Mortars (MOFM).



KEY FEATURES

- > Provides combat units with a reliable, capable and technologically advanced multi-option fuze for 60/81/120 mm mortars
- > Provides height-of-burst (HOB) modes at 7 ft. (60/81 mm) and at 14 ft. (120 mm)
- > Replaces the M734 fuze with improved proximity accuracy and incorporates an apex sensor for overhead safety
- > Incorporates two environmental safety features
- > MIL-STD-1316, -331 and -333 compliant (STANAG 4187, 4157 and 2916)
- > Type classified on U.S. and NATO-standard 60 mm high explosive (HE), 81 mm HE and 120 mm HE cartridges

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M734A1 Multi-Operation Fuze for Mortars (MOFM)
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L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.

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