ITEM DESCRIPTION

NSN	CAGE	REFERENCE NUMBER	NOUN
1377015918912ES	17610	1755-003	ROCKET MOTOR

END ITEM	TCTO NUMBER	TO NUMBER
		11P12-15-7

CRITICALITY CODE	DEMILITARIZATION CODE	SECURITY CODE	MDC	ES CODE
F	G	7	WZC	W4

REMARKS

NAME: Weimer, Kristy L DATE: 30 JUN 2025

In accordance with AFMCI 23-102, paragraph 14.2.1, the chief engineer has determined source inspection is required for air munitions procurements. The following statements, submitted by the chief engineer in accordance with FAR 46.402(f), provide further support for source
inspection of munitions items: Quality assurance inspection of explosives and munitions items must be completed at the source to reduce the risk of defective or improperly marked explosives reaching the end-user. The safety consequences of a single defective explosive or improperly marked explosive reaching the end-user are very severe. Customers of typical industrial commodities may be able to tolerate a percent defective of 1% -
3%. In the case of explosives procurement, this percent defective may result in the maiming or death of personnel involved in the handling and use of the items. Air munitions contracts are primarily for delivery of explosive components used in ammunition, precision guided weapons and the ejection seats of combat aircraft. The lives of transportation and combat personnel are directly related to the successful performance these items.
Thus, to ensure explosives safety and quality, source inspection is required for this air munition procurement. Certification to ISO 9001:2015, or an equivalent quality management system, is acceptable to meet this requirement.

INITIATOR

NAME	ORGANIZATION / OFFICE SYMBOL	DSN PHONE	COMMERCIAL PHONE
KRISTY.L.WEIMER	AFLCMC / EBHJ	586-4782	801-586-4782

ITEM DESCRIPTION DATA

LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	WEIGHT (LB)
7.3000	1.8000	3.5000	2.5000

OTHER DIMENSIONS

ITEM MATERIAL

MACHINED METAL AND PLASTIC WITH ENERGENTIC PROPELANT

ITEM FUNCTION

ROCKET MOTOR FOR EJECTION SEAT PROVIDES THRUST TO GAIN SUFFICENT ALTITUDE

SAFETY CRITICAL SCREW THREADED COMPONENT ☐	ESD ☐	CEMS ☐	SENSITIVE DATA ☐

STATEMENT OF HELIUM CONTENT (%) 0	PRECIOUS METAL INDICATOR CODE ☐

GFM REQUIRED ☐	GFE REQUIRED ☐	GFP REQUIRED ☐

JEWEL BEARING ☐	JEWEL BEARING RELATED ☐

LEGACY ITEM DESCRIPTION