

AUTOMATED DATA LIST (ADL) v3.0e		ADL Number ADL1379AS970	Revision -	DODIC	
Assembly Drawing 1379AS970	Rev. -	Specification Number PMA201-03-003	Rev. -	National Stock Number TBD	Date Issued 31 MAR 04
Nomenclature FUZE AND ACCESSORIES - FMU-139C/B (USN)				ADL Sheet Number 0001	

APPROVAL SIGNATURE: *Daniel M. East* DATE: 3/31/2004

FY-04 PROCUREMENT

- NOTES:
- (1) THE TOOLING DOCUMENTATION REFERENCED UNDER THE CATEGORY OF "OTHER" IN THIS ADL IS PROVIDED BY THE DESIGN AGENT FOR USE IN THE MANUFACTURE TEST AND ACCEPTANCE OF THE CONFIGURATION ITEM. USE IS NOT MANDATORY UNLESS SPECIFICALLY IDENTIFIED IN THE TECHNICAL DOCUMENTATION OF THE CONTRACT.
 - (2) DOCUMENTS CLASSIFIED AS SECRET, IF APPLICABLE, ARE AVAILABLE FROM THE DOCUMENT CUSTODIAN.
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 - (4) WARNING - THIS DOCUMENT CONTAINS TECHNICAL DATA WHOSE EXPORT IS RESTRICTED BY THE ARMS EXPORT CONTROL ACT (TITLE 22, U.S.C., SEC 2751 ET SEQ.) OR EXECUTIVE ORDER 12470. VIOLATION OF THESE EXPORT LAWS ARE SUBJECT TO SEVERE CRIMINAL PENALTIES.
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ADL Sheet Number 0002					

Nomenclature
FUZE AND ACCESSORIES - FMU-139C/B (USN)

All documents are unclassified and Cage Code 30003 unless otherwise specified.

DOCUMENTATION

<u>Document Number</u>	<u>Rev</u>	<u>Nomenclature</u>	<u>Class</u>
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DRAWINGS

19200-12982865	F	MINIMUM MARKING INSTRUCTIONS FOR AMMUNITION AND EXPLOSIVE CONTAINERS	
19200-12999545	-	TWO-DIMENSIONAL BARCODE AMMUNITION LABEL INSTRUCTIONS FOR AMMUNITION AND EXPLOSIVE CONTAINERS	
1379AS102	K	PLUG, SHIPPING	
1379AS104	K	BAIL, FLAG	
1379AS198	L	RING, CLOSURE	
1379AS279	G	PLASTIC RUBBER COMPOUND, THERMOPLASTIC	
1379AS300	V	SHIPPING AND STORAGE FMU-139 FUZE ASSEMBLY PACKING AND MARKING	
1379AS302	H	CUSHION, FUZE MIDDLE	
1379AS303	H	CUSHION, FUZE TOP	
1379AS304	H	CUSHION, RING	
1379AS305	H	CUSHION, TOP	
1379AS306	G	CUSHION, RING	
1379AS626	D	FLAG, SHIPPING PLUG	
1379AS647	C	SEAL, PLUG	
1379AS970	-	FUZE AND ACCESSORIES - FMU-139C/B (USN)	
1379AS971	-	FUZE, BOMB, ELECTRONIC - FMU-139C/B	
10001-564200	Y	PALLET, MATERIAL HANDLING, MK 3 MOD 0	
53711-6214082	C	UNIT LOAD CONSTRUCTION GUIDELINES UNDER REPLENISHMENT OF M548 CONTAINERS	
19200-7258943	L	SHIPPING & STORAGE CONTAINER, M548	
923AS731	A	LOGO, NAVAIR	
923AS733	A	PLATE - NAVAIR LOGO	
28620-ACV00561	C	UNIT LOAD MARKING FOR SHIPMENT AND STORAGE, AMMUNITION AND EXPLOSIVES	
NAVORD-2101	-	STATISTICAL METHODS FOR EVALUATION OF FUZE EXPLOSIVE TRAIN SAFETY AND RELIABILITY	

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FUZE AND ACCESSORIES – FMU-139C/B (USN)

<u>Document Number</u>	<u>Rev</u>	<u>Nomenclature</u>	<u>Class</u>
NWC-TP5789	-	AN EXPANDED VARICOMP METHOD FOR DETERMINING DETONATION TRANSFER PROBABILITIES	
PMA201-03-003	-	PERFORMANCE SPECIFICATION FOR THE FUZE, BOMB, ELECTRONIC FMU-139C/B	
<u>SPECIFICATIONS</u>			
<u>FEDERAL</u>			
A-A-208	B	INK, MARKING, STENCIL, OPAQUE (POROUS AND NON-POROUS SURFACES)	
NOTICE 2	B/002	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
A-A-2787	-	ENAMEL (AEROSOL, LOW VOC)	
A-A-55057	A	PANELS, WOOD/WOOD BASED; CONSTRUCTION AND DECORATIVE	
A-A-59136	-	CUSHIONING MATERIAL, PACKAGING, CLOSED CELL FOAM PLANK	
A-A-883	B	TAPE, PRESSURE SENSITIVE ADHESIVE, MASKING	
FF-S-2738	A	SEALS, ANTIPIRFERAGE	
GG-P-455	B	PLATES AND FOILS, PHOTOGRAPHIC (PHOTOSENSITIVE ANODIZED ALUMINUM)	
AMEND	B/002	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
NOTICE	B/001	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
MMM-A-121	-	ADHESIVE, BONDING VULCANIZED SYNTHETIC RUBBER TO STEEL	
NOTICE	-/001	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
PPP-B-1055	B	BARRIER MATERIAL, WATERPROOFED, FLEXIBLE	
NOTICE 2	B/003	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
AMEND 2	B/002	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
NOTICE 1	B/001	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
TT-E-529	G	ENAMEL, ALKYD, SEMIGLOSS, LOW VOC CONTENT	
V-T-295	E	THREAD, NYLON	
<u>MILITARY</u>			
AMS-H-6875	-	HEAT TREATMENT OF STEEL, PROCESS FOR	
MIL-D-3464	E	DESICCANTS, ACTIVATED, BAGGED, PACKAGING USE AND STATIC DEHUMIDIFICATION	
MIL-DTL-15024	F	PLATES, TAGS, AND BANDS FOR IDENTIFICATION OF EQUIPMENT, GENERAL SPECIFICATION FOR	
MIL-DTL-17111	C	FLUID, POWER TRANSMISSION (S/S BY MIL-DTL-17111)	
MIL-I-8835	A	INDICATOR, HUMIDITY, CARD, CHEMICALLY IMPREGNATED	

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Nomenclature
FUZE AND ACCESSORIES - FMU-139C/B (USN)

<u>Document Number</u>	<u>Rev</u>	<u>Nomenclature</u>	<u>Class</u>
MIL-P-19834	B	PLATES, IDENTIFICATION OR INSTRUCTION, METAL FOIL, ADHESIVE BACKED	
AMEND 2	B/002	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
MIL-PRF-121	G	BARRIER MATERIAL, GREASEPROOFED, WATERPROOFED, FLEXIBLE, HEAT-SEALABLE	
MIL-PRF-20696	F	CLOTH, WATERPROOF, WHEATHER RESISTANT	
MIL-PRF-27617	F	PERFORMANCE SPECIFICATION GREASE, AIRCRAFT AND INSTRUMENT, FUEL AND OXDIZER RESISTANT	
MIL-PRF-61002	A	PRESSURE-SENSITIVE ADHESIVE LABELS FOR BAR CODING	
MIL-PRF-81322	F	GREASE, AIRCRAFT, GENERAL PURPOSE, WIDE TEMPERATURE RANGE, NATO CODE NUMBER -G-395	
MIL-S-18729	C	STEEL PLATE, SHEET AND STRIP	
MIL-S-901	D	SHOCK TESTS, H.I. (HIGH- IMPACT); SHIPBOARD MACHINERY, EQUIPMENT AND SYSTEMS, REQUIREMENTS FOR	
<u>STANDARDS</u>			
<u>FEDERAL</u>			
FED-STD-595	B	COLORS USED IN GOVERNMENT PROCUREMENT	
CHG NOTICE 1	B/001	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
<u>MILITARY</u>			
ANSI-Y14.5	82	DIMENSIONING AND TOLERANCING	
ANSI-Y14.5	82	DIMENSIONING AND TOLERANCING	
DOD-STD-2101	-	CLASSIFICATION OF CHARACTERISTICS	
MIL-STD-100	G	ENGINEERING DRAWING PRACTICES	
MIL-STD-130	L	IDENTIFICATION MARKING OF U.S. MILITARY PROPERTY	
MIL-STD-1316	D	FUZE DESIGN, SAFETY CRITERIA FOR	
NOTICE	D/001	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
MIL-STD-1472	F	HUMAN ENGINEERING DESIGN CRITERIA FOR MILITARY SYSTEMS, EQUIPMENT AND FACILITIES	
MIL-STD-171	E	FINISHING OF METAL AND WOOD SURFACES	
CHG NOTICE 1	E/001	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
MIL-STD-1751	A	SAFETY AND PERFORMANCE TESTS FOR THE QUALIFICATION OF EXPLOSIVES (HIGH EXPLOSIVES, PROPELLANTS, AND PRYROTHECNICS)	
MIL-STD-2105	C	HAZARD ASSESSMENT TESTES FOR NON-NUCLEAR MUNITIONS	

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<u>Document Number</u>	<u>Rev</u>	<u>Nomenclature</u>	<u>Class</u>
MIL-STD-331	B	FUZE AND FUZE COMPONENTS, ENVIRONMENTAL AND PERFORMANCE TESTS FOR	
NOTICE 8	B/008	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
MIL-STD-461	E	ELECTROMAGNETIC EMISSION AND SUSCEPTIBILITY REQUIREMENTS FOR THE CONTROL OF ELECTRO- MAGNETIC INTERFERENCE	
MIL-STD-464	-	ELECTROMAGNETIC ENVIRONMENTAL EFFECTS REQUIREMENTS FOR SYSTEMS	
MIL-STD-810	F	ENVIRONMENTAL TEST METHODS AND ENGINEERING GUIDELINES	
NOTICE 1	F/001	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
MIL-STD-882	D	SYSTEM SAFETY PROGRAM REQUIREMENTS	
MS20003	C	INDICATOR, HUMIDITY, CARD, THREE SPOT, IMPREGNATED AREAS (COBALTOUS CHLORIDE)	
INDUSTRY			
A-A-56032	D	INK, MARKING, EPOXY BASE (COMMERCIAL ITEM DESCRIPTION)	
AMS-QQ-P-35	-	PASSIVATIONS TREATMENT FOR CORROSION-RESISTANT STEEL	
AMS-QQ-P-416	A	PLATING, CADMIUM (ELECTRODEPOSITED)	
AMS2418	98	PLATING, COOPER	
ANSI-Y14.5M	94	DIMENSIONING AND TOLERANCING	
ANSI/AIM-BC1	-	UNIFORM SYMBOLOGY SPECIFICATION CODE 39	
ADOPT NOTICE	-/001	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
ANSI/ASQC-Z1.4	95	SAMPLING PROCEDURES AND TABLES FOR INSPECTION BY ATTRIBUTES	
ASME-Y14.100	98	ENGINEERING DRAWING PRACTICES	
ASME-Y14.24	99	DRAWING, ENGINEERING, TYPES AND APPLICATIONS OF	
ASME-Y14.34M	97	PARTS LIST, DATA LISTS, AND INDEX LISTS	
ASME-Y14.35M	97	DRAWINGS, ENGINEERING, AND ASSOCIATED DOCUMENTS, REVISION OF	
ASTM-A108	99	STANDARD SPECIFICATION FOR STEEL BARS, CARBON, COLD-FINISHED, STANDARD QUALITY	
ASTM-A228	02	STEEL WIRE,, MUSIC SPRING QUALITY STANDARD SPECIFICATION FOR STEEL WIRE, MUSIC SPRING QUALITY	
ASTM-A313	98	STANDARD SPECIFICATION FOR CHROMIUM-NICKEL STAINLESS AND HEAT-RESISTING STEEL SPRING WIRE	
ASTM-A519	96	STANDARD SPECIFICATION FOR SEAMLESS CARBON AND ALLOY STEEL MECHANICAL TUBING	

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<u>Document Number</u>	<u>Rev</u>	<u>Nomenclature</u>	<u>Class</u>
ASTM-A827	01	STANDARD SPECIFICATION FOR PLATES, CARBON STEEL FOR FORGING AND SIMILAR APPLICATIONS	
ASTM-B545	97	STANDARD SPECIFICATION FOR ELECTRODEPOSITED COATINGS OF TIN E	
ASTM-B633	98	STANDARD SPECIFICATION FOR ELECTRODEPOSITED COATINGS OF ZINC ON IRON AND STEEL	
ASTM-D3953	97	STRAPPING, FLAT STEEL AND SEALS	
ASTM-D4474	91	STYRENIC THERMOPLASTIC ELASTOMER INJECTION MOLDING AND EXTRUSION MATERIALS (TES), SPEC FOR	
ASTM-D543	95	RESISTANCE OF PLASTICS TO CHEMICAL REAGENTS, TEST METHOD FOR DOD ADOPTED NRC REFERENCED	
ASTM-D5486	99	STANDARD SPECIFICATION FOR PRESSURE-SENSITIVE TAPE FOR PACKAGING, BOX CLOSURE, AND SEALING	
ASTM-D6193	99	STANDARD FOR SEAMS, STITCHING AND SEWING	
ASTM-D770	99	ALCOHOL, ISOPROPYL, SPECIFICATION FOR	
ASTM-D789	92	STANDARD TEST METHODS FOR DETERMINATION OF RELATIVE VISCOSITY, MELTING POINT, AND MOISTURE CONTENT OF POLYAMIDE (PA)	
PUBLICATION/OTHER			
CFR49	72	CODE OF FEDERAL REGULATIONS, PARTS 1 TO 199-TRANSPORTATION	
MIL-HDBK-217	F	RELIABILITY PREDICTION OF ELECTRONIC EQUIPMENT	
NOTICE	F/002	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
NOTICE	F/001	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
MIL-HDBK-61	A	CONFIGURATION MANAGEMENT GUIDANCE	

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Nomenclature

FUZE AND ACCESSORIES – FMU-139C/B (USN)

EXCEPTIONS FOR THE FMU-139C/B, FUZE AND ACCESSORIES (USN)

1. DRAWING 1379AS104, REV K
 - A. NOTE 4, LINE 2, CHANGE;

FROM: "...WITH MIL-C-14550..." TO: "...WITH AMS 2418..."
 - B. NOTE 4, LINE 4, CHANGE;

FROM: "...WITH MIL-T-10727." TO: "...WITH ASTM B545."
 - C. NOTE 7, LINE 4, CHANGE;

FROM: "...WITH SPEC QQ-P-35, TYPE II..."

TO: "...WITH SPEC AMS-QQ-P-35, TYPE II..."
2. DRAWING 1379AS198, REV L
 - A. NOTE 2, LINE 1, CHANGE;

FROM: "...ACCORDANCE WITH QQ-P-416,..."

TO: "...ACCORDANCE WITH AMS-QQ-P-416,..."
3. DRAWING 1379AS626, REV D
 - A. NOTE 1, LINE 3, CHANGE;

FROM: "...MIL-C-20696..." TO: "...MIL-PRF-20696..."
 - B. NOTE 3, LINE 3, CHANGE;

FROM: "...WITH TT-E-527,..." TO: "...WITH TT-E-529,..."
4. DRAWING 1379AS970, REV -
 - A. IN PARTS LIST, ITEM 6, CHANGE;

FROM: " MIL-G-81322 " TO: " MIL-PRF-81322 "
5. DRAWING 1379AS971, REV -
 - A. NOTE 17, LINE 1, CHANGE;

FROM: "...WITH MIL-H-6875, CLASS A..."

TO: "...WITH AMS-H-6875, CLASS A..."
6. SPECIFICATION PMA201-03-003, REV -
 - A. WHEREVER APPLICABLE, CHANGE;

FROM: " MIL-F-17111 " TO: " MIL-DTL-17111 "

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FUZE AND ACCESSORIES – FMU-139C/B (USN)

DOCUMENTS CONTAINING OZONE DEPLETING CHEMICALS/OZONE DEPLETING SUBSTANCES (ODC)/(ODS) FOR THE FUZE AND ACCESSORIES – FMU-139C/B (USN)

SOME OF THE FOLLOWING DOCUMENTS MAY NOT APPEAR IN THE ADL DUE TO THE FACT THAT THEY ARE LOWER LEVEL DOCUMENTS, THEY ARE STILL APPLICABLE AND HAVE BEEN REVIEWED FOR THE USES OF ODC'S/ODS'S AND A REPLACEMENT HAS BEEN SUGGESTED. THE SUITABILITY OF THE SELECTED REPLACEMENT MUST BE VERIFIED BY THE CONTRACTOR IN TERMS OF PRODUCT PERFORMANCE REQUIREMENTS AND COMPATIBILITY WITH MANUFACTURING PROCESSES. UNDER NO CIRCUMSTANCES SHALL THE SUGGESTED REPLACEMENT BE USED IF THEY VIOLATE LOCAL, STATE, OR FEDERAL LAWS AND REGULATIONS.

LEVEL 1	LEVEL 2	APPLICATION	SUGGESTED REPLACEMENT
A-A-208B NTC 2	FED-STD-191	1,1,1 Trichloroethane	Replace with Trichloroethylene
GG-P-455 REV B AMD1 NTC1		Carbon Tetrachloride.	The replacement is to delete the requirements.
V-T-295E	FED-STD-191	1,1,1 Trichloroethane	Replace with Trichloroethylene
MIL-D-3464E	TT-E-485	Carbon Tetrachloride.	Replace with Chloroform.
MIL-I-8835A	MIL-P-116	1,1,1-Trichloroethane	Replace with Trichloroethylene
MIL-P-19834B AMD 2	FED-STD-191A NTC 6	Trichloroethane is an ODS.	Replace with Trichloroethylene in Method 1600.
MIL-PRF-20696F	FED-STD-191	1,1,1 Trichloroethane	Replace with Trichloroethylene
MIL-STD-171E NTC1	MIL-C-450C NTC 1	Carbon Tetrachloride is an ODS.	Carbon Tetrachloride's use in this spec is for analytical purposes in a laboratory is exempt from the requirements for elimination and therefore no replacements recommended. NOTE: Replace Carbon Tetrachloride with Chloroform.
MIL-STD-331B NTC 8		Refrigerant R-12 is an ODS.	No replacement recommended - use a non ODS Halogen gas
MIL-PRF-81322F	FED-STD-791	1,1,1 Trichloroethane in TM 10000 Trichlorotrifluoroethane in TM 10000	Replace with Trichloroethylene Replace with Dichloropentafluoropropane (HCFC 225)
SAE-AMS 2418 - 98	MIL-F-14256	1,1,1 Trichloroethane	Replace with Trichloroethylene

ATTACHMENT (3)

AUTOMATED DATA LIST (ADL) v3.0e		ADL Number ADL1379AS901	Revision -	DODIG EB05	
Assembly Drawing 1379AS901	Rev. A	Specification Number NAWCWD-201-1	Rev -	National Stock Number 1325-01-465-1492	Date Issued 6 NOV 02
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Nomenclature
FUZE AND ACCESSORIES - FMU-139B/B (USN)

APPROVAL SIGNATURE:  DATE: 11/7/02

FY-03 PROCUREMENT

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Nomenclature
FUZE AND ACCESSORIES - FMU-139B/B (USN)

Document Number	Rev	Nomenclature	Class
<u>DRAWINGS</u>			
1379AS102	K	PLUG, SHIPPING	
1379AS104	K	BAIL, FLAG	
1379AS198	L	RING, CLOSURE	
1379AS300	U	SHIPPING AND STORAGE FMU-139 FUZE ASSEMBLY PACKING AND MARKING	
1379AS302	G	CUSHION, FUZE MIDDLE	
1379AS303	G	CUSHION, FUZE TOP	
1379AS304	G	CUSHION, RING	
1379AS305	G	CUSHION, TOP	
1379AS306	F	CUSHION, RING	
1379AS626	D	FLAG, SHIPPING PLUG	
1379AS901	A	FUZE AND ACCESSORIES - FMU-139B/B (USN)	
1379AS924	-	FUZE, BOMB, ELECTRONIC - FMU-139B/B (DESIGN CONTROL DRAWING)	
10001-564200 (GFM)	Y	PALLET, MATERIAL HANDLING, MK 3 MOD 0	
53711-6214082	A	UNIT LOAD CONSTRUCTION GUIDELINES UNDER REPLENISHMENT OF M548 CONTAINERS	
53711-6214251	-	UNIT LOAD MARKING FOR SHIPMENT AND STORAGE, AMMUNITION AND EXPLOSIVES	
19200-7258943 (GFM)	H	SHIPPING & STORAGE CONTAINER, CARTRIDGE, 20MM, M548	
923AS731	A	LOGO, NAVAIR	
923AS733	-	PLATE - NAVAIR LOGO	
13672-NAWCWD-201-1	-	ITEM SPECIFICATION FOR THE FUZE, BOMB, ELECTRONIC FMU-139B/B	
NAVORD-2101	-	STATISTICAL METHODS APPROPRIATE FOR EVALUATION OF FUZE EXPLOSIVE-TRAIN SAFETY AND RELIABILITY	
NWC-TF5789	-	AN EXPANDED VARICOMP METHOD OF DETERMINING DETONATION TRANSFER PROBABILITIES	
<u>SPECIFICATIONS</u>			
<u>FEDERAL</u>			
A-A-208	B	INK, MARKING, STENCIL, OPAQUE (POROUS AND NON-POROUS SURFACES)	
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A-A-2787	-	ENAMEL (AEROSOL, LOW VOC)	

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Document Number	Rev	Nomenclature			Class	
A-A-56032	B	INK, MARKING, EPOXY BASE				
A-A-59136	-	CUSHIONING MATERIAL, PACKAGING, CLOSED CELL FOAM PLANK				
A-A-59485	-	PLASTIC MATERIAL, PRESSURE SENSITIVE ADHESIVE, FOR AEROSPACE IDENTIFICATION AND MARKING				
A-A-883	B	TAPE, PRESSURE SENSITIVE ADHESIVE, MASKING				
FF-S-2738	A	SEALS, ANTIFILFERAGE				
GG-P-455	B	PLATES AND FOLLS, PHOTOGRAPHIC (PHOTOSENSITIVE ANODIZED ALUMINUM)				
AMEND NOTICE		B/002 THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT. B/001 THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.				
MM-A-121	-	ADHESIVE, BONDING VULCANIZED SYNTHETIC RUBBER TO STEEL				
NOTICE		-/001 THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.				
PPP-B-1055	B	BARRIER MATERIAL, WATERPROOFED, FLEXIBLE				
NOTICE 2 AMEND 2 NOTICE 1		B/003 THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT. B/002 THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT. B/001 THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.				
TT-E-529	G	ENAMEL, ALKYD, SEMIGLOSS, LOW VOC CONTENT				
V-T-295	E	THREAD, NYLON				
MILITARY						
MIL-D-3464	Z	DESICCANTS, ACTIVATED, BAGGED, PACKAGING USE AND STATIC DEHUMIDIFICATION				
MIL-DTL-17111	C	DETAIL SPECIFICATION - FLUID, POWER TRANSMISSION				
MIL-I-8835	A	INDICATOR, HUMIDITY, CARD, CHEMICALLY IMPREGNATED				
MIL-P-19834	B	PLATES, IDENTIFICATION OR INSTRUCTION, METAL FOIL, ADHESIVE BACKED				
AMEND 2		B/002 THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.				
MIL-PRF-121	G	BARRIER MATERIAL, GREASEPROOFED, WATERPROOFED, FLEXIBLE, HEAT-SEALABLE				
MIL-PRF-20696	F	CLOTH, WATERPROOF, WHEATHER RESISTANT				
MIL-PRF-27617	F	PERFORMANCE SPECIFICATION GREASE, AIRCRAFT AND INSTRUMENT, FUEL AND OXIDIZER RESISTANT				
MIL-PRF-61002	A	PRESSURE-SENSITIVE ADHESIVE LABELS FOR BAR CODING				
MIL-PRF-81322	F	GREASE, AIRCRAFT, GENERAL PURPOSE, WIDE TEMPERATURE RANGE, NATO CODE NUMBER -G-395				
MIL-S-901	D	SHOCK TESTS, H.I. (HIGH- IMPACT); SHIPBOARD MACHINERY, EQUIPMENT AND SYSTEMS, REQUIREMENTS FOR				

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Document Number	Rev	Nomenclature	Class
<u>STANDARDS</u>			
<u>FEDERAL</u>			
FED-STD-595	B	COLORS USED IN GOVERNMENT PROCUREMENT	
CHG NOTICE 1	B/001	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
<u>MILITARY</u>			
DOD-STD-2101	-	CLASSIFICATION OF CHARACTERISTICS	
MIL-STD-100	G	ENGINEERING DRAWING PRACTICES	
MIL-STD-130	K	IDENTIFICATION MARKING OF U.S. MILITARY PROPERTY	
MIL-STD-1316	D	FUZE DESIGN, SAFETY CRITERIA FOR	
NOTICE	D/001	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
MIL-STD-1323	-	UNIT LOADS OF AMMUNITION AND EXPLOSIVES FOR UNDERWAY REPLENISHMENT	
NOTICE 2	-/002	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
NOTICE 1	-/001	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
MIL-STD-1472	D	HUMAN ENGINEERING DESIGN CRITERIA FOR MILITARY SYSTEMS, EQUIPMENT AND FACILITIES	
NOTICE	D/003	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
MIL-STD-171	E	FINISHING OF METAL AND WOOD SURFACES	
MIL-STD-1751	A	SAFETY AND PERFORMANCE TESTS FOR THE QUALIFICATION OF EXPLOSIVES (HIGH EXPLOSIVES, PROPELLANTS, AND PYROTECHNICS)	
MIL-STD-2105	B	HAZARD ASSESSMENT TESTS FOR NON-NUCLEAR MUNITIONS	
MIL-STD-331	B	FUZE AND FUZE COMPONENTS, ENVIRONMENTAL AND PERFORMANCE TESTS FOR	
NOTICE 8	B/008	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
MIL-STD-461	D	ELECTROMAGNETIC EMISSION AND SUSCEPTIBILITY REQUIREMENTS FOR THE CONTROL OF ELECTRO- MAGNETIC INTERFERENCE	
MIL-STD-464	-	ELECTROMAGNETIC ENVIRONMENTAL EFFECTS REQUIREMENTS FOR SYSTEMS	
MIL-STD-810	F	ENVIRONMENTAL TEST METHODS AND ENGINEERING GUIDELINES	
NOTICE 1	F/001	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
MIL-STD-882	C	SYSTEM SAFETY PROGRAM REQUIREMENTS	
NOTICE 1	C/001	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
MS20003	C	INDICATOR, HUMIDITY, CARD, THREE SPOT, IMPREGNATED AREAS (COBALTOUS CHLORIDE)	

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Document Number	Rev	Nomenclature	Class
NASM35678	-	PIN, GROOVED, HEADLESS - LONGITUDINAL CENTER GROOVE, CORROSION - RESISTING STEEL	
<u>INDUSTRY</u>			
AMS-QQ-P-35	-	PASSIVATIONS TREATMENT FOR CORROSION-RESISTANT STEEL	
AMS-QQ-P-416	-	PLATING, CADMIUM (ELECTRODEPOSITED)	
ADOP NOTICE	-/001	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
AMS2418	98	PLATING, COOPER	
AMS2759	94	HEAT TREATMENT OF STEEL PARTS, GENERAL REQUIREMENTS	
AMS6350	H	STEEL SHEET, STRIP, AND PLATE 0.95CR - 0.20MO (0.28 - 0.33C) (SAE 4130)	
ANSI-Y14.5M	94	DIMENSIONING AND TOLERANCING; ERRATA - FEBRUARY 1985 (R 1988)	
ANSI/AIM-BC1	-	UNIFORM SYMBOLOGY SPECIFATION CODE 39	
ADOPT NOTICE	-/001	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
ANSI/ASQC-Z1.4	95	SAMPLING PROCEDURES AND TABLES FOR INSPECTION BY ATTRIBUTES	
ASME-Y14.100	98	ENGINEERING DRAWING PRACTICES	
ASME-Y14.24	99	DRAWING, ENGINEERING, TYPES AND APPLICATIONS OF	
ASME-Y14.34M	97	PARTS LIST, DATA LISTS, AND INDEX LISTS	
ASTM-A108	99	STANDARD SPECIFICATION FOR STEEL BARS, CARBON, COLD-FINISHED, STANDARD QUALITY	
ASTM-A228	93	STEEL WIRE,, MUSIC SPRING QUALITY STANDARD SPECIFICATION FOR STEEL WIRE, MUSIC SPRING QUALITY	
ASTM-A313	98	STANDARD SPECIFICATION FOR CHROMIUM-NICKEL STAINLESS AND HEAT-RESISTING STEEL SPRING WIRE	
ASTM-A519	96	STANDARD SPECIFICATION FOR SEAMLESS CARBON AND ALLOY STEEL MECHANICAL TUBING	
ASTM-A827	85	STANDARD SPECIFICATION FOR PLATES, CARBON STEEL FOR FORGING AND SIMILAR APPLICATIONS	
ASTM-B545	97	STANDARD SPECIFICATION FOR ELECTRODEPOSITED COATINGS OF TIN E	
ASTM-B633	98	STANDARD SPECIFICATION FOR ELECTRODEPOSITED COATINGS OF ZINC ON IRON AND STEEL	
ASTM-D543	87	RESISTANCE OF PLASTICS TO CHEMICAL REAGENTS, TEST METHOD FOR DOD ADOPTED NRC REFERENCED	
ASTM-D6193	99	STANDARD FOR SEAMS, STITCHING AND SEWING	

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1379AS901	A	NAWCWD-201-1	-	1325-01-465-1492	6 NOV 02	0006

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Document Number	Rev	Nomenclature	Class
ASTM-D789	92	STANDARD TEST METHODS FOR DETERMINATION OF RELATIVE VISCOSITY, MELTING POINT, AND MOISTURE CONTENT OF POLYAMIDE (PA)	
NAS1756	2	STREAMER, WARNING	
PUBLICATION/OTHER			
CFR49	72	CODE OF FEDERAL REGULATIONS, PARTS 1 TO 199-TRANSPORTATION	
MIL-HDBK-217	F	RELIABILITY PREDICTION OF ELECTRONIC EQUIPMENT	
NOTICE	F/002	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
NOTICE	F/001	THIS IS AN APPROVED CHANGE TO THE ABOVE DOCUMENT.	
MIL-HDBK-61	A	CONFIGURATION MANAGEMENT GUIDEANCE	

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EXCEPTIONS FOR THE FMU-139B/B, FUZE AND ACCESSORIES (USN)

1. DRAWING 1379AS104, REV K
 - A. NOTE 4, LINE 2, CHANGE;

FROM: "...WITH MIL-C-14550..."

TO: "...WITH AMS 2418..."
 - B. NOTE 4, LINE 4, CHANGE;

FROM: "...WITH MIL-T-10727..."

TO: "...WITH ASTM B545..."
 - C. NOTE 7, LINE 4, CHANGE;

FROM: "...WITH SPEC QQ-P-35, TYPE II..."

TO: "...WITH SPEC AMS-QQ-P-35, TYPE II..."

2. DRAWING 1379AS198, REV L
 - A. NOTE 2, LINE 1, CHANGE;

FROM: "...ACCORDANCE WITH QQ-P-416,..."

TO: "...ACCORDANCE WITH AMS-QQ-P-416,..."

3. DRAWING 1379AS901, REV A
 - A. DELETE ITEM 1, IN ITS ENTIRETY.
 - B. ALT ITEM 1, CHANGE;

ALT	FUZE, BOMB ELECTRONIC FMU-139B/B		1379AS924		1
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TO:

1	FUZE, BOMB ELECTRONIC FMU-139B/B		1379AS924		1
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 - C. ITEM 6, SPECIFICATION BLOCK, CHANGE;

FROM: " MIL-G-81322 "

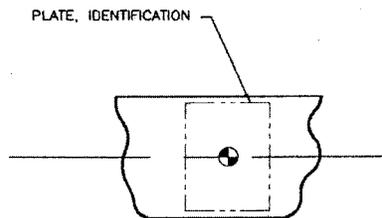
TO: " MIL-PRF-81322 "
 - D. ZONE C-7/8, DELETE REFERENCE DRAWING NOTE, IN ITS ENTIRETY.

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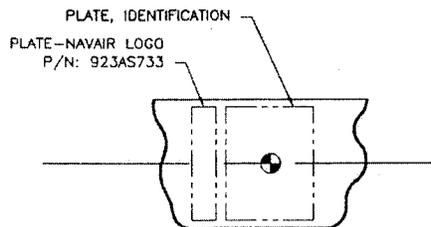
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4. DRAWING 1379AS924, REV -

- A. NOTE 5, LINE 2, CHANGE;
FROM: "...WITH CIDA-A-56032."
TO: "...WITH CID A-A-56032."
- B. NOTE 15, LINE 1, CHANGE;
FROM: "...WITH MIL-P-38477,..."
TO: "...WITH A-A-59485,..."
- C. NOTE 18, LINE 1, CHANGE;
FROM: "...WITH MIL-H-6875, CLASS..."
TO: "...WITH AMS2759, CLASS..."
- D. NOTE 19, LINE 2, CHANGE;
FROM: "...MIL-S-18729, PHYSICAL..."
TO: "...AMS6350, PHYSICAL..."
- E. SHEET 2, ZONE B/C-6/7, CHANGE;
FROM:



TO:



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- F. SHEET 2, ZONE D-5, CHANGE;
- FROM: " .55 +.015
 -.005 "
- TO: " .055 +.015
 -.005 "
5. DRAWING 1379AS626, REV D
- A. NOTE 2, LINE 3, CHANGE;
- FROM: "...MIL-C-20696..."
- TO: "...MIL-PRF-20696..."
- B. NOTE 3, LINE 3, CHANGE;
- FROM: "...WITH TT-E-527,..."
- TO: "...WITH TT-E-529,..."
- C. NOTE 5, LINE 2, CHANGE;
- FROM: "...FED-STD-751,..."
- TO: "...ASTM D6193..."
5. SPECIFICATION NAWCWD-201-1, REV -
- A. SHEET 3, CHANGE;
- FROM: " MIL-F-17111 "
- TO: " MIL-DTL-17111 "
- B. SHEET 32, PARAGRAPH 4.4.19.3f, CHANGE;
- FROM: "...WITHIN 150 us OF THE IMPACT."
- TO: "...WITHIN 150 ms OF THE IMPACT."
- C. SHEET 6, PARAGRAPH 3.1.1g, CHANGE;
- FROM: " g. ARMING...TO ARM TIME."
- TO: " g. ARMING...TO ARM COMMAND (SEE 6.5)."
- D. SHEET 6, PARAGRAPH 3.1.1h, CHANGE;
- FROM: " h. THE EXPLOSIVE...TO ARM TIME."
- TO: " h. THE EXPLOSIVE...TO ARM COMMAND (SEE 6.5)."
- E. SHEET 6, PARAGRAPH 3.1.1i, CHANGE;
- FROM: " i. THE FUZE...STORED ENERGY WITHIN 30 MS. IF...ALL STORED ENERGY WITHIN 30 ms OF POWER REMOVAL."
- TO: " i. THE FUZE...STORED ENERGY TO A LEVEL THAT WILL NOT INITIATE THE ELECTRO EXPLOSIVE COMPONENTS (A VOLTAGE NOT GREATER THEN 2.5 VOLTS) WITHIN 50ms. IF...ALL STORED ENERGY A LEVEL THAT WILL NOT INITIATE THE ELECTRO EXPLOSIVE COMPONENTS (A VOLTAGE NOT GREATER THAN 2.5 VOLTS) WITHIN 50 ms OF POWER REMOVAL."

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- F. SHEET 8, PARAGRAPH, 3.2.6.1, CHANGE;
- FROM: " LOW...POWER. THE ARMING TIME...TABLE I."
- TO: " LOW...POWER. THE ARM TIME...TABLE I."
- G. SHEET 20, PARAGRAPH, 4.2.3.2, CHANGE;
- FROM: " FIRING...OF POWER. THE REST...DRAWING 1379AAS924. THE LOT FIRING TEST."
- TO: " FIRING...OF POWER. FOR THE TEST, PULSED POWER SHALL BE APPLIED FOR MS MAXIMUM. THE TEST...DRAWING 1379AS924. THE LOT...FIRING TEST."
- H. SHEET 27, PARAGRAPH 4.4.9.5, CHANGE;
- FROM: " RANDOM...PROCEDURE I. THE FUZE...OF 3.3.5."
- TO: " RANDOM...PROCEDURE I. OPERABILITY OF THE FUZE SHALL BE DETERMINED BY EDT OR FUNCTIONAL VERIFICATION. THE FUZE...OF 3.3.5."
- I. SHEET 35, RENUMBER PARAGRAPH 6.5.1 TO 6.5.2 AND CHANGE;
- FROM: " 6.5.1 ARM...IS VISIBLE."
- TO: " 6.5.2 ARM...IS VISIBLE."
- J. SHEET 35, ADD PARAGRAPH 6.5.1:
- " 6.5.1 ARM COMMAND. THE ARM COMMAND IS THE COMMAND SIGNAL FROM THE FUZE CONTROL ELECTRONICS THAT CONNECTS THE FUZE FIRING ENERGY SOURCE TO THE BELOWS MOTOR."
- K. SHEETS 35 AND 36, RENUMBER THE FOLLOWING PARAGRAPHS:
- | | |
|-------------|-----------|
| FROM: 6.5.2 | TO: 6.5.5 |
| 6.5.3 | 6.5.6 |
| 6.5.4 | 6.5.7 |
| 6.5.5 | 6.5.8 |
| 6.5.6 | 6.5.10 |
| 6.5.7 | 6.5.11 |
| 6.5.8 | 6.5.12 |
| 6.5.9 | 6.5.13 |
| 6.5.10 | 6.5.14 |
| 6.5.11 | 6.5.15 |
| 6.5.12 " | 6.5.16 " |

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L. ADD THE FOLLOWING NEW PARAGRAPHS:

" 6.5.3 ARM POSITION. THE FUZE IS IN THE ARMED POSITION WHEN THE EXPLOSIVE TRAIN IS IN-LINE. THIS IS ELECTRICALLY SENSED BY CONTROL ELECTRONICS AND IS DETERMINED EXTERNALLY WITH THE MONITOR CIRCUIT SHOWN ON DRAWING 1379AS924."

" 6.5.4 ARM TIME. ARM TIME IS COMPLETED WHEN THE EXPLOSIVE TRAIN REACHES THE ARMED POSITION."

" 6.5.9 IN-RUSH CURRENT. THE FUZE IN-RUSH CURRENT SHALL BE GREATER THEN 5MA FOR NO MORE THEN 15MS (SEE 6.5.4)."

M. SHEET 36, PARAGRAPH 6.5.13, CHANGE;

FROM: "TIME...AT THE 50 PERCENT...REMOVED."

TO: "TIME...AT THE LOADING EDGE 50 PERCENT...REMOVED."

N. SHEET 36, PARAGRAPHS 6.5.14a AND 6.5.15a, CHANGE;

FROM: " a. WAVEFORM: HALF-WAVE RECTIFIED, SINUSOIDAL."

TO: " a. WAVEFORM: POSITIVE HALF-WAVE RECTIFIED, SINUWAVE."

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DOCUMENTS CONTAINING OZONE DEPLETING CHEMICALS/OZONE DEPLETING SUBSTANCES (ODC)/(ODS) FOR THE FUZE AND ACCESSORIES - FMU-139B/B

SOME OF THE FOLLOWING DOCUMENTS MAY NOT APPEAR IN THE ADL DUE TO THE FACT THAT THEY ARE LOWER LEVEL DOCUMENTS, THEY ARE STILL APPLICABLE AND HAVE BEEN REVIEWED FOR THE USES OF ODC'S/ODS'S AND A REPLACEMENT HAS BEEN SUGGESTED. THE SUITABILITY OF THE SELECTED REPLACEMENT MUST BE VERIFIED BY THE CONTRACTOR IN TERMS OF PRODUCT PERFORMANCE REQUIREMENTS AND COMPATIBILITY WITH MANUFACTURING PROCESSES. UNDER NO CIRCUMSTANCES SHALL THE SUGGESTED REPLACEMENT BE USED IF THEY VIOLATE LOCAL, STATE, OR FEDERAL LAWS AND REGULATIONS.

LEVEL 1	LEVEL 2	APPLICATION	SUGGESTED REPLACEMENT
MIL-STD-171E NTC1	MIL-C-450C NTC 1	Carbon Tetrachloride is an ODS.	Carbon Tetrachloride's use in this spec is for analytical purposes in a laboratory is exempt from the requirements for elimination and therefore no replacements recommended. NOTE: Replace Carbon Tetrachloride with Chloroform
MIL-STD-331B NTC 8	MIL-STD-444 NTC 4	Carbon Tetrachloride is an ODS.	Replace with chloroform.
V-T-295E	FED-STD-191	1,1,1-Trichloroethane is an ODS	Replace with Trichlorethylene
MIL-D-3464E	TT-E-485	Carbon Tetrachloride is an ODS.	Replace with chloroform.
MIL-I-8835A	MIL-P-116	1,1,1-Trichloroethane is an ODS	Replace with Trichlorethylene
A-A-208B NTC 2	FED-STD-191	1,1,1, Trichloroethane is an ODS.	Replace with Trichlorethylene
GG-P-455B AMD1 NTC1		Carbon Tetrachloride is an ODSs	Replacemnt is to delete the requirement.