

USER SYMBOLS
NAVY - CG

THE SERVICING AND PRECAUTIONING MARKINGS OF AIRCRAFT SHALL BE IN ACCORDANCE WITH THE SYMBOLS SHOWN AND AS DESCRIBED HEREIN AND APPLIED IN ACCORDANCE WITH MIL-M-25047 AND MIL-A-25165. AS REQUIRED BY MIL-1-18464.

SYMBOLS SHALL BE APPROXIMATELY 4 INCHES IN THE LONGEST DIMENSION, EXCEPT WHERE OTHERWISE SPECIFIED. HOWEVER, SMALLER SIZED SYMBOLS MAY BE USED IF REQUIRED BY THE ITEM OR AREA TO BE MARKED. (SEE TABLE 1)

LETTERING WHICH SUPPLEMENTS THE SYMBOLS SHALL BE IN THE SCALE 1 TO 4 IN RELATION TO THE SYMBOL.

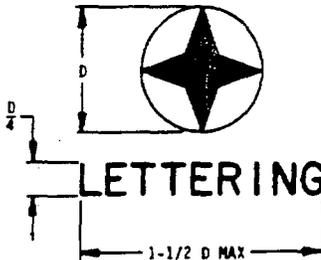


TABLE 1
DIMENSIONS
±.05

| D | D/4 |
|----------|----------|
| 2 INCHES | 1/2 INCH |
| 4 INCHES | 1 INCH |

REVERSE SYMBOLS:
USAF - 16
ARMY - AV

*Revised/new information is current as of the date of this document.
For future consideration of changes in this document, draft circulation should be based on the information in the current "DRAFT".

SERVICING INSTRUCTIONS FOR HYDRAULIC SYSTEMS, HYDRAULIC RESERVOIRS, LANDING GEAR SHOCK STRUTS, WHEELS AND TIRES, AND PNEUMATIC SYSTEMS SHALL BE PROVIDED ON INSTRUCTION PLATES OR IN A PERMANENT AND LEGIBLE MANNER ADJACENT TO CHARGING POINTS AND TEST CONNECTIONS.

ACCESS DOORS OR PANELS TO SERVICING POINTS SHALL BE MARKED WITH THE APPROPRIATE SERVICING SYMBOL OR SYMBOLS

(G) SERVICE MARKINGS SHALL BE USED TO GIVE WARNING AND MINIMIZE POSSIBLE ERRORS IN SERVICING, HANDLING OF AIRCRAFT, AND SAFETY OF FLIGHT. SYMBOLS APPROVED BY INTERNATIONAL AGREEMENT SHALL BE DISPLAYED ON ALL "IN PRODUCTION" AND "IN SERVICE" AIRCRAFT. THESE SYMBOLS SHALL BE IN ACCORDANCE WITH THOSE SHOWN ON SHEETS 2 AND 3. MARKING FOR TRAINER AND LIAISON AIRCRAFT SHALL BE INCLUDED. PAINT OR DECALS MAY BE USED WHEN APPLYING SERVICE POINT IDENTIFICATION AND PRECAUTIONARY SERVICE MARKINGS. DECALCOMANIAS SHALL BE IN ACCORDANCE WITH MIL-M-43719, FED. SPEC. L-S-300, ASCC AIR STD 25/1, AND 15/1 (LATEST ISSUES). PLASTIC MATERIAL PER MIL-P-38477.

PRINTED INFORMATION: INFORMATION REQUIRED IN CONNECTION WITH SERVICING SYMBOLS SHALL BE PRINTED IN BLACK OR WHITE DEPENDING ON THE BACKGROUND UNLESS OTHERWISE INDICATED.

COLORS SHALL BE IN ACCORDANCE WITH FED-STD-595.

GROUND HANDLING: THE SERVICING SYMBOLS USED TO MARK GROUND HANDLINE SERVICING POINTS SHALL BE COLORED AVIATION YELLOW NO. 13538.

HAZARD: HAZARD SYMBOLS SHALL BE COLORED RED NO. 11136.

(G) FILLING: THE SERVICING SYMBOLS USED TO MARK FILLING POINTS SHALL BE COLORED BLACK NO. 17038 OR WHITE NO. 17925 ACCORDING TO THE BACKGROUND.

NATO SYMBOL OR CODE NO.: TO DETERMINE NATO CODE/SYMBOL NUMBER CONSULT APPLICABLE AIRCRAFT MAINTENANCE INSTRUCTION FOR SPECIFICATION TO BE USED. WHEN SPECIFICATION IS KNOWN, CONSULT SHEETS 8 AND 9 OF THIS STANDARD.

ATOMIC FLASH: AIRCRAFT WHICH, BY VIRTUE OF THEIR OPERATIONAL ROLE, MAY BE SUBJECTED TO ATOMIC FLASH, WILL HAVE SERVICING MARKINGS PAINTED IN SUITABLE PALE COLORS, HAVING A REFLECTIVITY OF AT LEAST 50%.

(G) *CERTAIN PROVISIONS OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENTS ASCC AIR STD 25/1, ASCC AIR STD 15/1, NATO STANAG 3109, AND NATO STANAG 1135. WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED WHICH WILL MODIFY THE INTERNATIONAL AGREEMENT CONCERNED, THE PREPARING ACTIVITY WILL TAKE APPROPRIATE ACTION THROUGH INTERNATIONAL STANDARDIZATION CHANNELS INCLUDING DEPARTMENTAL STANDARDIZATION OFFICES, TO CHANGE THE AGREEMENT OR MAKE OTHER APPROPRIATE ACCOMMODATIONS.

(G) DENOTES CHANGES

THIS IS A DESIGN STANDARD. NOT TO BE USED AS A PART NUMBER

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AIMSC N/A

| | | | |
|---|--------------------------------|---|--|
| P.A. NAVY - AS Other Cust USAF - 99 ARMY - AV | INTERNATIONAL INTEREST * | TITLE AIRCRAFT MARKINGS, SERVICING AND PRECAUTIONING | MILITARY STANDARD MS33739 |
| PROCUREMENT SPECIFICATION NONE | SUPERSEDES: | SHEET 1 | OF 9 |

APPROVED 27 FEB 62
REVISED (A) 10 JUL 62 (B) 7 DEC 64 (C) 2 JUN 67 (D) 4 AUG 69 (E) 10 DEC 71 (F) 1 NOV 82 (G) 28 AUG 87

F I L L I N G ^(a)

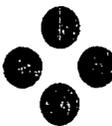
FED. SUP CLASS
15GP

USER SYMBOLS:
NAVY - CC

REVIEWER SYMBOLS:
USAF - 16
ARMY - AV

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| | |
|---|---|
| <p>FUELING</p> <p>FILLED FOUR POINTED STAR WITH NOTATION OF NATO CODE NUMBER FOR FUEL</p>  <p>(NATO CODE NO.)</p> | <p>OXYGEN (BREATHING)</p> <p>TWO HORIZONTAL FILLED RECTANGLES WITH NOTATION OF EITHER "GAS" OR "LIQUID". FOR GASEOUS OXYGEN INCLUDE CHARGING PRESSURES IN ENGLISH AND METRIC UNITS. FOR LIQUID OXYGEN INCLUDE CAPACITY IN LITRES.</p>  <p>— psi — kPa — LITRES</p> <p>WHEN NECESSARY</p> |
| <p>ROCKET FUELS</p> <p>FILLED FOUR POINTED STAR IN CRESCENT WITH NOTATION OF NATO CODE NUMBER FOR ROCKET FUEL</p>  <p>(NATO CODE NO.)</p> | <p>ANTI-DETONANT OR THRUST AUGMENTATION</p> <p>FILLED INVERTED CHEVRON OF INSIDE ANGLE NOT EXCEEDING 90° WITH NOTATION OF NATO CODE NO.</p>  <p>(NATO CODE NO.)</p> <p>ⓐ WATER _____ %</p> |
| <p>ROCKET OXIDIZERS</p> <p>FILLED CRESCENT WITH NOTATION OF NATO CODE NUMBER FOR ROCKET OXIDIZER</p>  <p>(NATO CODE NO.)</p> | <p>AIR CONDITIONING</p> <p>DOT PATTERN</p>  |
| <p>ENGINE LUBRICATING OIL</p> <p>FILLED SQUARE WITH NOTATION OF NATO CODE NUMBER FOR ENGINE LUBRICATING OIL</p>  <p>(NATO CODE NO.)</p> | <p>NITROGEN SERVICES</p> <p>FILLED SQUARE WITH A QUARTER ARC REMOVED FROM EACH CORNER, WITH TYPE OF GAS USED AND PRESSURE IN ENGLISH AND METRIC UNITS</p>  <p>NITROGEN — psi — kPa</p> |
| <p>HYDRAULIC FLUID</p> <p>FILLED CIRCLE WITH NOTATION OF NATO CODE NUMBER FOR HYDRAULIC FLUID</p>  <p>(NATO CODE NO.)</p> | <p>FIRE EXTINGUISHING SYSTEM</p> <p>A FILLED DIAMOND WITH NOTATION SHOWING NATO CODE NUMBER</p>  <p>(NATO CODE NO.)</p> |
| <p>DE-ICING</p> <p>FILLED TRIANGLE WITH NOTATION OF NATO CODE NUMBER FOR DE-ICING FLUID</p>  <p>(NATO CODE NO.)</p> | <p>EXTERNAL ELECTRICAL CONNECTIONS</p> <p>FILLED "E" WITH LOWER LIMB SHORTENED, STATING SERVICE AND VOLTAGE DETAILS</p>  <p>...SERVICING ...STARTING ETC.</p> <p>ⓐ — VAC — Hz — VDC</p> |
| <p>COOLANT</p> <p>TWO FILLED HORIZONTAL S's WITH NOTATION OF NATO CODE NUMBER FOR COOLANT AND PERCENTAGE COMPOSITION IF NECESSARY</p>  <p>(NATO CODE NO.)</p> <p>WATER _____ % SOLUBLE OIL _____ %</p> | <p>GROUNDING OR EARTHING RECEPTACLE</p> <p>A FILLED INVERTED "T" WITH TWO PARALLEL BARS UNDERNEATH WHICH DIMINISH IN SIZE</p>  <p>GROUND (EARTH) HERE</p> |
| <p>PNEUMATIC SYSTEM</p> <p>FILLED X WITH NOTATION OF MAXIMUM CHARGING PRESSURE IN ENGLISH AND METRIC UNITS</p>  <p>MAXIMUM — psi — kPa</p> | <p>INSPECTION OF BATTERY</p> <p>A FILLED ELECTRIC FLASH SIGN</p>  |

(a) COLOR - BLACK OR WHITE ACCORDING TO BACKGROUND.

APPROVED 27 Feb 62 REVISED 6 FOR CHANGES SEE SHEETS 1, 2, 3, 4, 5, 7, 8 AND 9

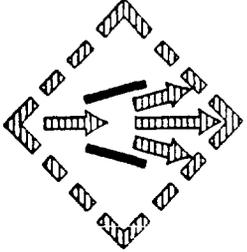
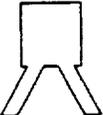
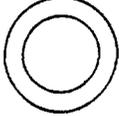
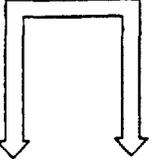
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|--|-------------------------------|--|---|
| <p>P.A. Navy - AS Other Comd USAF - 99 Army - AV</p> | <p>INTERNATIONAL INTEREST</p> | <p>TITLE</p> <p>AIRCRAFT MARKINGS, SERVICING AND PRECAUTIONING</p> | <p>MILITARY STANDARD</p> <p>MS33739</p> |
| <p>PROCUREMENT SPECIFICATION</p> <p>NONE</p> | | <p>SUPERSEDES:</p> | <p>SHEET 2 OF 9</p> |

USED SYMBOLS:
NAVY - CG

REVERSED SYMBOLS:
USAF - 16
ARMY - AV

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| | | | |
|---|--|---|---|
| | | FED. SUP CLASS 15GP | |
| FILLING COLOR - BLACK OR WHITE ACCORDING TO BACKGROUND | | HAZARD (b) COLOR - RED #11136 | |
| PNEUMATIC STARTER CONNECTION | A FILLED X CIRCUMSCRIBED BY A FILLED RING  PSI kPa | EXPLOSIVE ACTUATED DEVICES MARK BOTH SIDES OF FUSELAGE RED FILLED EQUILATERAL TRIANGLE, APEX DOWN, OF THE LARGEST PRACTICABLE SIZE UP TO A 9 INCH (23cm) SIZE TO BE APPLIED TO THE EXTERNAL PART OF AIRCRAFT ADJACENT TO THE EXPLOSIVE DEVICE. THE WORD "DANGER" TO BE WITH ITS TOP TO A SURROUNDING PERIPHERAL RED LINE. IT IS PERMISSIBLE FOR THE WORD "DANGER" TO BE APPLIED IN ANY 3 DIFFERENT LANGUAGES, PROVIDED THAT ENGLISH IS ONE OF THEM. THE WORDS "EJECTION SEAT", "CANOPY" ETC OR AN APPROPRIATE SYMBOL MAY BE ADDED IN WHITE ON THE CENTRAL RED TRIANGLE. |  |
| REFRIGERANT REPLENISHMENT | TWO FILLED TRIANGLES WITH APEXES JOINED ON HORIZONTAL CENTER LINE WITH NOTATION SHOWING TYPE OF REFRIGERANT  | |  |
| GROUND HANDLING (b) COLOR AVIATION - YELLOW #13538 | | AIRBORNE AUXILIARY TURBINE POWER PLANT INLET AND/OR EXHAUST  COLOR CODE  | |
| JACKING POINT | AVIATION YELLOW FILLED SQUARE WITH TWO SLANTING LEGS ON BOTTOM SIDE  | | |
| SLINGING OR HOISTING POINTS | AVIATION YELLOW FILLED HOOK ON A HORIZONTAL LINE.  | CANOPY EXPLOSIVE RELEASE SYMBOL AS SHOWN IN RED ON EXTERNAL PART OF THE AIRCRAFT ADJACENT TO THE EXPLOSIVE RELEASE  OPTIONAL - WHEN USED SHALL BE ADDITIONAL TO HAZARD: EXPLOSIVE ACTUATED DEVICES. | |
| MOORING OR PICKETING | AVIATION YELLOW FILLED ANCHOR  | | |
| TOWING (c) | AVIATION YELLOW FILLED RING  | APPROVED 27 FEB 62 | |
| LIFTING AREA (EXTERNAL STORES) | FILLED HORIZONTAL BAR WITH DOWNWARD POINTING ARROWS AT EACH END OF THE BAR  | | |
| (b) OUTLINE SYMBOLS IN BLACK OR WHITE ACCORDING TO THE BACKGROUND. (c) OPTIONAL WHERE TOWING POINT IS OBVIOUS AND SUITABLE LOCATION FOR SYMBOL IS NOT AVAILABLE. | | | |
| P.A. NAVY - AS Other Cust USAF - 99 ARMY - AV | INTERNATIONAL INTEREST | TITLE AIRCRAFT, MARKINGS, SERVICING AND PRECAUTIONING | |
| PROCUREMENT SPECIFICATION NONE | | SUPERSEDES: | |
| MILITARY STANDARD MS33739 | | SHEET 3 OF 9 | |

AMSC N/A

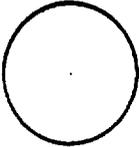
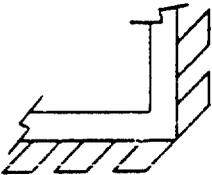
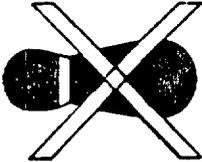
REVISED (C) FOR CHANGES SEE SHEETS 1, 2, 3, 4, 5, 7, 8 AND 9

FED. SUP CLASS
15GP

REQUIRED MARKINGS, IF APPLICABLE

SECTION II

GROUND HANDLING

| FUNCTION | DESCRIPTION | SYMBOL | FUNCTION | DESCRIPTION | SYMBOL |
|----------|--|---|--|--|---|
| (G) | NO GRIP FILLED HAND WITH RED FILLED DIAGONAL CROSS SUPERIMPOSED |  | DRINKING WATER REPLENISHMENT | AVIATION YELLOW DISC SURROUNDING THE SYMBOL |  |
| | TAIL SUPPORT |  | TOILET SERVICING | AVIATION YELLOW DISC SURROUNDING THE SYMBOL |  |
| | WALKWAYS |  | TELEPHONE CONNECTION GROUND TO COCKPIT | FILLED AVIATION YELLOW SYMBOL AS SHOWN |  |
| | NO STEP |  | FLIGHT DATA RECORDER | BLACK SYMBOLS ON WHITE BACKGROUND OR WHITE SYMBOLS ON BLACK BACKGROUND |  |
| | LOCKING OF DROP TANK |  | | | |

USER SYMBOLS:
NAVY - CF

REVIEWER SYMBOLS:
USAF - 16
ARMY - AV

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ABSC N/A

| | | |
|------------------------------|------------------------|--|
| P.A. NAVY - AS Other Code | INTERNATIONAL INTEREST | TITLE |
| ARMY - AV USAF - 99 | | AIRCRAFT MARKINGS, SERVICING AND PRECAUTIONING |
| PROCUREMENT SPECIFICATION | SUPERSEDES: | |
| NOTE | | |

| |
|-------------------|
| MILITARY STANDARD |
| MS33739 |
| SHEET 4 OF 9 |

APPROVED 27 FEB 67 REVISED 6 FOR CHANGES SEE SHEETS 1.2.3.4.5.7.8 AND 9

FED. SUP CLASS
15GP

REQUIRED MARKING, IF APPLICABLE

SECTION 1.

MAINTENANCE

COLOR - AVIATION YELLOW NO. 13538

USER SYMBOLS:
NAVY - CG

REVIEWER SYMBOLS:
USAF - 16
ARMY - AV

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AMSC N/A

| FUNCTION | | SYMBOL | |
|---|--|--------|--|
| DINGHY STORAGE | | | |
| INSPECTION OF ELECTRONIC INSTALLATION | | | |
| INSPECTION OF FUEL FILTER | | | |
| INSPECTION OF SEALING CIRCUIT | | | |
| HYDRAULIC SYSTEM TEST POINT | | | |
| FUEL TANK WATER DRAIN | | | |
| IGNITION PLUG FOR STARTING JET ENGINE | | | |
| INERTING FLUID TANK SYSTEM TEST POINT | | | |
| INSPECTION OF STATIC CONNECTION (VENTS) | | | |
| CABIN PRESSURE TEST POINT | | | |

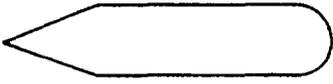
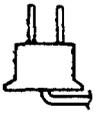
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|--|------------------------|---|------------------------------|
| P.A. Navy-AV Other Code Army-AV USAF-99 | INTERNATIONAL INTEREST | TITLE AIRCRAFT MARKINGS, SERVICING AND PRECAUTIONING | MILITARY STANDARD MS33739 |
| PROUREMENT SPECIFICATION NONE | SUPERSEDES: | | SHEET 5 OF 9 |

APPROVED 27 FEB 62 REVISED 6 FOR CHANGES SEE SHEETS 1, 2, 3, 4, 5, 7, 8 AND 9

REQUIRED MARKINGS IF APPLICABLE

| SECTION III. HAZARD | | COLOR - RED NO. 11136 |
|--|-------------------------------------|--|
| FUNCTION | PART TO BE MARKED | SYMBOL |
| LOCKING OF CONTROLS AND UNDER CARRIAGE | UPRIGHTS AND CROSS-BARS | PAINTED RED AND WHITE AND FITTED WITH A RED PENNANT INCORPORATING REFLECTIVE STRIPES |
| AIRCRAFT POSITION OF LOCKS | POSITION OF UPRIGHTS AND CROSS-BARS | PAINTED RED |
| PITOT TUBE COVERING | COVER | PAINTED RED AND FITTED WITH A RED PENNANT INCORPORATING REFLECTIVE STRIPES |
| CAMERA GUN COVERING | CAMERA GUN CAP | |
| JET ENGINE COVERING | TAMPIONS | |
| ROCKET CONTROL | ELECTRIC PLUG | RED AND WHITE PENNANT |
| ANTIFIRING CONTROL | SHUNT | RED PENNANT WITH BLACK SKULL AND CROSS-BONES |
| PROHIBITION OF ACCESS | WEAKER PARTS OF AIRCRAFT | BORDER BAND AND CROSS OF ST. ANDREW IN RED |

OPTIONAL MARKINGS

| SECTION IV. ARMAMENT AND AMMUNITION | | COLOR - GREEN NO. 14187 |
|-------------------------------------|---|--|
| FUNCTION | PART TO BE MARKED | SYMBOL |
| GUN | |  |
| FIRING | SHUNT FOR CUTTING OUT FIRING SAFETY CONTROL |  |
| FEEDING OF GUNS | CARTRIDGE |  (G) |
| CARTRIDGE CONTAINER | CARTRIDGE CASE |  (G) |
| LINKS CONTAINER | CONTAINER |  |
| ROCKETS CONTROL | SELECTION PLUG |  |
| BOMB HOIST (G) | ATTACHMENT POINT FOR HOIST |  |

USER SYMBOLS:
NAVY - CG

REVISION SYMBOLS:
USAF - 16
ARMY - AY

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AMSC R/A

| | | | |
|---|------------------------|---|--|
| P.A. NAVY - AS Other Code ARMY - AY USAF - 99 | INTERNATIONAL INTEREST | TITLE AIRCRAFT MARKINGS, SERVICING AND PRECAUTIONING | MILITARY STANDARD MS33739 |
| PROCUREMENT SPECIFICATION NONE | SUPERSEDES: | | SHEET 6 OF 9 |

APPROVED 27 FEB 62 REVISED (G) FOR CHANGES SEE SHEETS 1, 2, 3, 4, 5, 7, 8 AND 9

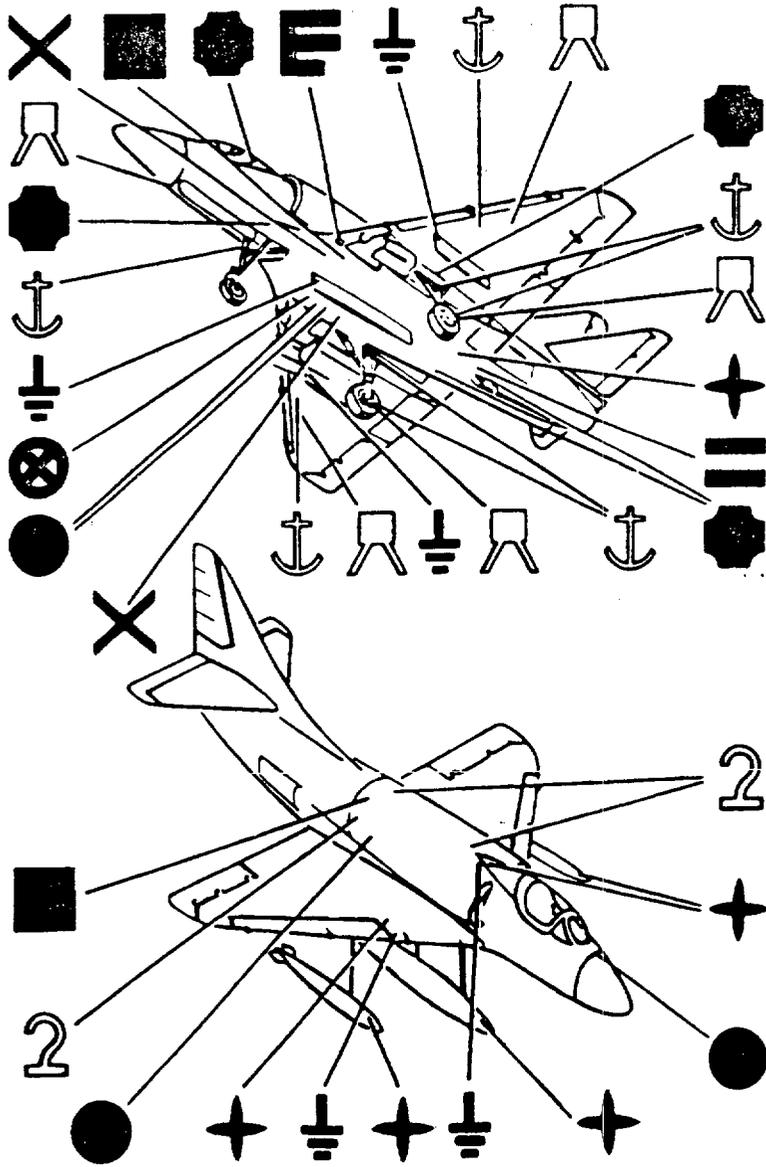
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AMSC N/A



- ENGINE OIL
NATO CODE NO.0-148
- EXTERNAL ELECTRICAL CONNECTION
- GROUNDING
- HYDRAULIC FLUID
NATO CODE NO.H-515
- INERTING SYSTEM
- OXYGEN(BREATHING)
- PNEUMATIC SYSTEM
- PNEUMATIC STARTER CONNECTION
- FUELING
NATO CODE NO.
F44 CARRIER
F40 LANDBASE
- HOISTING POINT
- JACKING POINT
- MOORING POINT

TYPICAL DECAL
SHOWING LOCATION OF AIRCRAFT SERVICING MARKING

| | | | |
|---|-----------------------------|---|-------------------|
| P.A. Navy - AS Other Cost USAF - 99 Army - AV | INTERNATIONAL INTEREST • | TITLE AIRCRAFT MARKINGS, SERVICING AND PRECAUTIONING | MILITARY STANDARD |
| | | | MS33739 |
| PROCUREMENT SPECIFICATION NONE | SUPERSEDES: | SHEET 7 OF 9 | |

NATO SYMBOL OR CODE NUMBER - FOR MILITARY SPECIFICATIONS

CROSS SERVICING OF AIRCRAFT

USER SYMBOLS:
NAVY - CE
ARMY - AY

REVISED SYMBOLS:
USAF - 16
ARMY - AY

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made from this document.

AMSC N/A

| GENERAL TYPE OF PRODUCT | NATO NO. | APPLICABLE * SPECIFICATION | GENERAL TYPE OF PRODUCT | NATO NO. | APPLICABLE * SPECIFICATION |
|--|----------|----------------------------|---|----------|----------------------------|
| I. Piston Engine Fuels | | | VII. Aviation Greases (cont'd) | | |
| Leaded aviation gasoline grade 80/87 | F-12 | MIL-G-5572 | Pneumatic system | G-392 | MIL-G-4343 |
| Aviation gasoline grade 100/130 | F-18 | MIL-G-5572 | Helicopter oscillating bearing | G-366 | MIL-G-25537 |
| Aviation gasoline grade 115/145 | F-22 | MIL-G-5572 | Extreme high temperature Aircraft, multipurpose | G-372 | MIL-G-25013 |
| II. Turbine Engine Fuels | | | Aircraft, PTFE | G-396 | MIL-G-83363 |
| Wide cut gasoline type (U.S. JP-4) | F-40 | MIL-T-5624 JP-4 | VIII. Hydraulic Fluids | | |
| High flash kerosene type (U.S. JP-5) | F-44 | MIL-T-5621 JP-5 | Petroleum base | H-515 | MIL-H-5606 |
| III. Starter Fuels | | | Fire resistant, synthetic | H-537 | MIL-H-83282 |
| IV. Thrust Augmentation Fluids | | | IX. Miscellaneous Oils | | |
| Methanol | S-747 | O-M-232 Grade A | Gear oil light (mineral type) | O-153 | MIL-L-6086 Grade L |
| Soluble oil | C-630 | MIL-C-4339 | Gear oil medium (mineral type) | O-155 | MIL-L-6086 Grade M |
| V. Piston Engine Oils | | | General purpose light oil | O-142 | MIL-L-7870 |
| Grade 1100 | O-117 | MIL-L-6082 | Synthetic oil instruments | O-147 | MIL-L-6085 |
| Grade 1065 | O-113 | MIL-L-6082 | X. Specialty Products | | |
| Type II | O-126 | MIL-L-22851 | Deicing & defrosting fluid | S-742 | MIL-A-8243 |
| Type III | O-123 | MIL-L-22851 | Isopropanol | S-737 | TT-I-735 |
| Grade 3050 | | MIL-L-15016 | Ethanol | S-738 | O-E-760 |
| VI. Turbine Engine Oils | | | Aircraft compass liquid (mineral type) | S-712 | MIL-L-5020 |
| Grade 1010 | O-133 | MIL-L-6081 | Petroleum | S-743 | VV-P-236 |
| Synthetic type 3CS | O-148 | MIL-L-7808 | Molybdenum disulfide lubricant (dry) | S-740 | MIL-M-7866 |
| Synthetic type 5CS | O-156 | MIL-L-23699 | Antiseize graphite-petroleum | S-720 | MIL-T-5544 |
| VII. Aviation Greases | | | Antiseize sealing compound for oxygen systems | S-717 | MIL-T-5542 |
| Grease, synthetic molybdenum disulfide | G-353 | MIL-G-21164 | Antiseize white lead base jointing compound | S-725 | TT-S-1732 |
| General purpose | G-382 | | Graphite | S-732 | SS-6-659 |
| High temperature | G-359 | | Electrical insulating and sealing compound | S-736 | MIL-S-8660 |
| Ball and roller bearing wide temperature range | G-361 | | Lubricant, solid film air-drying | S-749 | MIL-L-23398 |
| Extreme pressure synthetic | G-354 | MIL-G-23827 | | | |
| Hydrocarbon resistant | G-363 | MIL-G-6032 | | | |

APPROVED 27 FEB 62 REVISED (6) FOR CHANGES SEE SHEETS 1, 2, 3, 4, 5, 7, 8 AND 9

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| P.A. NAVY - AS Other Cust USAF - 99 ARMY - AY | INTERNATIONAL INTEREST | TITLE AIRCRAFT MARKINGS, SERVICING AND PRECAUTIONING | MILITARY STANDARD MS33739 |
| PROCUREMENT SPECIFICATION NONE | SUPERSEDES: | | SHEET 0 OF 9 |

(G)
NATO SYMBOL OR CODE NUMBER - FOR MILITARY SPECIFICATIONS
CROSS SERVICING OF AIRCRAFT

USED SYMBOLS:
NAVY - CS

REVERSE SYMBOLS:

USAF - 16
ARMY - AY

"Buyer/user information is current as of the date of this document.
For future contributions of changes to this document, do all abbreviations
should be based on the information in the current DODDSI."

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made from this document.

AMSC N/A

| GENERAL TYPE OF PRODUCT | NATO NO. | APPLICABLE * SPECIFICATION | GENERAL TYPE OF PRODUCT | NATO NO. | APPLICABLE * SPECIFICATION |
|--|----------|----------------------------|---|----------|----------------------------|
| X. Specialty Products (cont'd) | | | XI. Preservative Compounds (Cont'd) | | |
| Molybdenum disulfide silicone base high temp. | S-1735 | DOD-L-25681 | Soft film hot application | C-627 | MIL-C-11796 Grade 3 |
| Antiseize compound, lead free | S-716 | TT-5-1732 | Hydraulic fluid, rust inhibited, fire resistant synthetic | H-544 | MIL-H-46170 |
| Methanol, technical | S-747 | O-M-232 | | | |
| Fuel system deicing inhibitor | S-748 | MIL-I-27686 | | | |
| Antiseize tape | S-1732 | MIL-T-27730 | | | |
| Lubricant, solid film, extreme environment | S-1737 | MIL-L-81329 | | | |
| Lubricant, solid film, heat cure | S-1738 | MIL-L-8937 | | | |
| Fuel system icing inhibitor | S-1745 | MIL-I-85470 | | | |
| XI. Preservative Compounds | | | | | |
| Aircraft engine (nonmetallic) | C-608 | MIL-C-6529 Type I | | | |
| | C-609 | MIL-C-6529 Type II | | | |
| | C-610 | MIL-C-6529 Type III | | | |
| Heavy oil or wax thickened type | C-612 | MIL-C-5545 | | | |
| Corrosion preventive oil, gas turbine (synthetic base) | C-638 | MIL-C-8188 | | | |
| Hydraulic equipment | C-635 | MIL-H-6083 | | | |
| Hard film cold application | C-632 | MIL-C-16173 Grade 1 | | | |
| Hard film hot application | C-633 | MIL-C-11796 Grade 1 | | | |
| Soft film cold application | C-620 | MIL-C-16173 Grade 2 | | | |

- a. BUMEPSINST 10300.1 AVIATION FUELS, LUBRICANTS, AND SPECIALTY PRODUCTS USED AT THE NATO ARMED FORCES.
- b. SYMBOLS FOR THE IDENTIFICATION OF FUELS AND LUBRICANTS USED BY THE NATO ARMED FORCES. JOINT PUBLICATION DATED OCTOBER 1960 - (NOTAL). DEPARTMENT OF THE ARMY, TECHNICAL BULLETIN TB34-9-25. DEPARTMENT OF THE NAVY PUBLICATION 5711.7A. DEPARTMENT OF THE AIR FORCE TECHNICAL ORDER 428-1-15.
- c. NPSA-P23 - REFERENCE LIST OF NATO SYMBOLS FOR USE ON PACKAGED PETROLEUM AND RELATED PRODUCTS.
- * LATEST ISSUES APPLY

APPROVED 27 FEB 62 REVISED (G) FOR CHANGES SEE SHEETS 1,2,3,4,5,7,8 AND 9

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| | | | MS33739 |
| PROCUREMENT SPECIFICATION NONE | SUPERSEDES: | SHEET | 9 OF 9 |