

NATIONAL AIRCRAFT STANDARD

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC., 610 SHOREHAM BUILDING, WASHINGTON 5, D. C.

1. **GENERAL** ELECTRONIC, MECHANICAL AND STRUCTURAL EQUIPMENT SHALL BE IDENTIFIED BY A NAMEPLATE OR OTHER MARKING METHOD ON EACH GROUP, UNIT, ACCESSORY, ATTACHMENT, ELECTRICAL CABLE ASSEMBLY AND NON AIRBORNE SET. AIRBORNE SETS DO NOT REQUIRE AN IDENTIFYING NAMEPLATE. ELECTRICAL CABLE ASSEMBLIES SHALL BE MARKED WITH BAND MARKERS. PLUG-IN-ASSEMBLIES TO WHICH NOMENCLATURE HAS BEEN ASSIGNED SHALL ALSO HAVE IDENTIFYING NAMEPLATES. PLUG-IN-ASSEMBLIES AND OTHER MAJOR SUBASSEMBLIES TO WHICH MILITARY NOMENCLATURE HAS NOT BEEN ASSIGNED SHALL BE IDENTIFIED IN ACCORDANCE WITH PARAGRAPH 7. IN THOSE CASES WHERE A METAL NAMEPLATE IS NOT FEASIBLE, EQUIPMENT SHALL BE IDENTIFIED AS SPECIFIED IN PARAGRAPH 3.
2. **TYPES OF NAMEPLATES AND MARKING METHODS** NAMEPLATES AND MARKING METHODS SHALL BE APPLIED TO THE FOLLOWING CATEGORIES OF EQUIPMENT:
- (a) SET NAMEPLATES, NON AIRBORNE (FIGURE 1)
 - (b) GROUP NAMEPLATES, NON AIRBORNE (FIGURE 2)
 - (c) UNIT NAMEPLATES, NON AIRBORNE (FIGURE 3)
 - (d) AIRBORNE EQUIPMENT NAMEPLATES (FIGURE 4 OR 5)
 - (e) CABLE ASSEMBLY MARKING (BAND MARKERS) (FIGURE 6)
 - (f) SPARES NAMEPLATE (FIGURE 7)
 - (g) DIRECT MARKING (PARAGRAPH 3)
3. **MATERIALS AND MARKING METHODS** METAL TYPE NAMEPLATES SHALL BE FABRICATED FROM EITHER ETCHED AND ENAMEL FILLED ALUMINUM SHEET OR ANODIZED AND ETCHED ALUMINUM FOIL. DECALCOMANIA (DECAL) TYPE NAMEPLATES SHALL BE FABRICATED FROM PRINTED POLYESTER FILM (MYLAR) OR VINYL. BAND MARKER TYPE IDENTIFICATION SHALL BE FABRICATED FROM EITHER ALUMINUM FOIL, ACETATE FIBER, HIGH HEAT ACETATE CLOTH, POLYESTER FILM, VINYL OR GLASS FIBER. THE ALUMINUM FOIL BAND MARKERS MAY BE METAL STAMPED, ALL OTHER MATERIAL SHALL BE PRINTED. DIRECT MARKINGS SUCH AS ETCHINGS, STENCILING, ENGRAVING, SILK SCREENING, CASTING, MOLDING, METAL STAMPING AND RUBBER STAMPING WILL BE ACCEPTABLE ONLY IN SPECIAL CASES WHEREIN NO OTHER METHOD OF MARKING FOR IDENTIFICATION IS FEASIBLE. WHEREVER RUBBER STAMPING IS APPLIED IT MUST BE DONE IN INDELIBLE INK.
4. **BACKGROUND COLOR** BACKGROUND COLOR OF ALL NAMEPLATES SHALL BE LUSTERLESS BLACK PER FED. STD. 595 COLOR NUMBER 37038. EDGES OF NAMEPLATE TO BE SAME COLOR AS BACKGROUND.
5. **MOUNTING INFORMATION** NAMEPLATES FABRICATED FROM SHEET ALUMINUM SHALL BE ATTACHED BY SCREWS OR BY A SUITABLE ADHESIVE. METAL FOIL ALUMINUM, POLYESTER FILM AND VINYL AS WELL AS ACETATE CLOTH, AND GLASS FIBER SHALL BE ATTACHED BY MEANS OF SUITABLE ADHESIVES. WATER ACTIVATED ADHESIVES SHALL NOT BE USED.
6. **NAMEPLATE AND MARKING LOCATION** BASICALLY, NAMEPLATES, BAND MARKERS AND MARKINGS ON EQUIPMENT SHALL BE LOCATED SUCH AS TO ALLOW THEIR BEING PLAINLY VISIBLE AFTER ASSEMBLY OR INSTALLATION ON THE EQUIPMENT. SET NAMEPLATES SHALL BE APPLIED TO THE PRINCIPAL OR MOST PROMINENT UNIT OF THE SET. GROUP NAMEPLATES SHALL BE APPLIED TO THE PRINCIPAL OR MOST PROMINENT UNIT OF THE GROUP OR TO THE RACK OR CABINET HOUSING ALL UNITS OF THE GROUP. UNIT NAMEPLATES AS WELL AS AIRBORNE EQUIPMENT NAMEPLATES SHALL BE CONSPICUOUSLY MOUNTED, PREFERABLY ON THE FRONT PANEL. BAND MARKERS SHALL BE APPLIED ON ALL CABLE ASSEMBLIES, ONE BAND SHALL BE APPLIED TO EACH END OF THE CABLE. CABLE RUNS EXCEEDING FIFTEEN FEET SHALL HAVE A BAND EVERY TEN FEET.
- NAMEPLATES MAY BE MOUNTED ON READILY REMOVABLE PORTIONS OF THE EQUIPMENT, SUCH AS A CASE, COVER OR HOUSING, PROVIDED A DUPLICATE NAMEPLATE OF EITHER METAL FOIL OR DECALCOMANIA BE APPLIED TO THE MAIN PORTION OF THE EQUIPMENT IN AN UNOBSTRUCTED LOCATION.
7. **SPECIAL MARKING REQUIREMENTS** PLUG-IN SUBASSEMBLIES AND OTHER MAJOR SUBASSEMBLIES WHICH HAVE NOT BEEN ASSIGNED GOVERNMENT APPROVED NOMENCLATURE SHALL BE MARKED AS FOLLOWS:
- (a) NAME OF SUBASSEMBLY, AS ASSIGNED BY THE CONTRACTOR, SHALL APPEAR IF SPACE PERMITS.
 - (b) MANUFACTURER'S NAME AND PART NUMBER SHALL APPEAR.
 - (c) DESIGNATION OF THE BASIC UNIT, ACCESSORY OR ATTACHMENT OF WHICH THE ITEM IS A PART SHALL APPEAR PRECEDED BY "P/O" (PART OF).
 - (d) MARKING SHALL BE BY NAMEPLATE, ETCHING, STENCILING, ENGRAVING, SILK SCREENING, CASTING, MOLDING, METAL STAMPING OR RUBBER STAMPING AND DECALOMANIA.

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PROCUREMENT
SPECIFICATION

NONE

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EQUIPMENT IDENTIFICATION NAMEPLATE & MARKING

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AIA NAS 1350

SHEET 1 OF 8

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6. **PROTECTIVE COATING** THE FRONT OF ALL NAMEPLATES, DECALS AND RUBBER STAMPING SHALL BE COVERED WITH A CLEAR MOISTURE RESISTANT COATING. BANK MARKERS SHALL BE COVERED ON BOTH SIDES WITH SUCH A COATING.
9. **TYPE OF LETTERING** LETTERS, NUMERALS, AND OTHER CHARACTERS SHALL BE OF THE FUTURA STYLE.
10. **SIZE OF LETTERING** LETTERS, NUMERALS AND OTHER CHARACTERS SHALL BE OF SUCH A SIZE TO BE CLEARLY LEGIBLE AND CAN BE VARIED IN SIZE TO MEET THE ENVELOPE APPROXIMATELY AS ILLUSTRATED IN FIGURES 1 THROUGH 7. MAINTAINING THE SAME SIZE RELATIONSHIP FOR EACH LINE AS INDICATED. IN ALL CASES, THE ITEM DESIGNATION (TYPE, NUMBER AND NAME, WHERE USED) SHALL BE EMPHASIZED.
11. **DEFINITIONS** FOR PURPOSES OF THIS STANDARD THE FOLLOWING DEFINITIONS SHALL APPLY:
- (a) **SET** - A COMBINATION OF UNITS, GROUPS, CABLE ASSEMBLIES OR ACCESSORIES DERIVING POWER FROM ONE OR MORE SOURCES. A SET IS CAPABLE OF OPERATION BY ITSELF AND NOT DEPENDENT ON ANOTHER SET IN ORDER TO PERFORM ITS INTENDED FUNCTION.
 - (b) **GROUP** - A COMBINATION OF TWO OR MORE UNITS WHICH DO NOT OPERATE AS A SET BUT WHICH ARE RUN AS PART OF A SET OR WHICH MAY BE ADDED TO A SET TO EXTEND THE FUNCTION OF THAT SET.
 - (c) **UNIT** - A GROUP OF PARTS AND SUBASSEMBLIES WHICH AS AN ASSEMBLY PERFORM A DEFINITE FUNCTION.
 - (d) **AIRBORNE EQUIPMENT** - AIRBORNE GROUPS, UNITS, ACCESSORIES AND ATTACHMENTS SHALL BE DEFINED AS EQUIPMENT THAT'S DESIGN CONCEPT IS SUCH THAT THE PRIMARY FUNCTION OF THE EQUIPMENT IS AIRBORNE OPERATION. EQUIPMENT CAPABLE OF AIRBORNE TRANSPORTATION IS NOT WITHIN THE SCOPE OF THIS DEFINITION.
 - (e) **CABLE ASSEMBLY** - A CABLE ASSEMBLY IS A LENGTH OF ELECTRICAL CABLE WITH ATTACHED TERMINALS AT ONE OR BOTH ENDS. MECHANICAL CABLING IS NOT WITHIN THE SCOPE OF THIS DEFINITION.
 - (f) **SPARES** - SPARES SHALL BE DEFINED AS DELIVERABLE UNASSEMBLED OR UNINSTALLED EQUIPMENT.
 - (g) **PLUG-IN ASSEMBLIES** - A GROUP OF PARTS WHICH ARE CAPABLE OF BEING ASSEMBLED AS A UNIT AND PLUGGED IN TO ANOTHER ASSEMBLY SUCH AS A UNIT AS DEFINED IN (c) ABOVE.

NAS NUMBER	STOCK SIZE									MATERIAL DESCRIPTION	MATERIAL SPEC.
	THICK.	SET	GROUP	UNIT	SPARE	AIRBORNE REG.	AIRBORNE SPECIAL	BAND MARKER			
NAS1350-1	.016	4x3	3 1/2x4 5/32	3x3 5/32	3x2 11/32	-	-	-	AL SH 3003 H-14	QQ-A-359	
NAS1350-2	.020	4x3	3 1/2x4 5/32	3x3 5/32	3x2 11/32	-	-	-	AL SH 3003 H-14	QQ-A-359	
NAS1350-3	.025	4x3	3 1/2x4 5/32	3x3 5/32	3x2 11/32	-	-	-	AL SH 3003 H-14	QQ-A-359	
NAS1350-4	.032	4x3	3 1/2x4 5/32	3x3 5/32	3x2 11/32	-	-	-	AL SH 3003 H-14	QQ-A-359	
NAS1350-5	.040	4x3	3 1/2x4 5/32	3x3 5/32	3x2 11/32	-	-	-	AL SH 3003 H-14	QQ-A-359	
NAS1350-6	.050	4x3	3 1/2x4 5/32	3x3 5/32	3x2 11/32	-	-	-	AL SH 3003 H-14	QQ-A-359	
NAS1350-7	.063	4x3	3 1/2x4 5/32	3x3 5/32	3x2 11/32	-	-	-	AL SH 3003 H-14	QQ-A-359	
NAS1350-8	.080	4x3	3 1/2x4 5/32	3x3 5/32	3x2 11/32	-	-	-	AL SH 3003 H-14	QQ-A-359	
NAS1350-9	.003	4x3	3 1/2x4 5/32	3x3 5/32	3x2 11/32	3x1 1/8	2x1 1/8	•	METAL FOIL (AL)	MIL-N-25076	
NAS1350-10	.005	4x3	3 1/2x4 5/32	3x3 5/32	3x2 11/32	3x1 1/8	2x1 1/8	•	METAL FOIL (AL)	MIL-N-25076	
NAS1350-11	.008	4x3	3 1/2x4 5/32	3x3 5/32	3x2 11/32	3x1 1/8	2x1 1/8	•	METAL FOIL (AL)	MIL-N-25076	
NAS1350-12	.003	4x3	3 1/2x4 5/32	3x3 5/32	3x2 11/32	3x1 1/8	2x1 1/8	•	DECAL - VINYL	**	
NAS1350-13	.003	4x3	3 1/2x4 5/32	3x3 5/32	3x2 11/32	3x1 1/8	2x1 1/8	•	POLYESTER FILM	**	
NAS1350-14	.012	-	-	-	-	-	-	•	ACETATE FIBER		
NAS1350-15	.012	-	-	-	-	-	-	•	ACETATE CLOTH		
NAS1350-16	.012	-	-	-	-	-	-	•	GLASS FIBER		

* WIDTH AT LEAST 1/2 INCH, LENGTH AS REQUIRED.

** MIL-D-8635 FOR EXTERIOR USE, MIL-D-8634 FOR INTERIOR USE.

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SHEET 2

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IN FORMULATING AND APPROVING NAS STANDARDS, AIA AND ITS COMMITTEES WILL NOT INVESTIGATE OR GUARANTEE THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. THE USER SHALL BE RESPONSIBLE FOR PROTECTING THEMSELVES AGAINST INFRINGEMENT OF PATENTS.

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME PRODUCT AND SHALL BECOME EFFECTIVE FOR VENDOR MANUFACTURERS NOT LATER THAN 6 MONTHS AFTER THE LATEST DATE OF APPROVAL SHOWN.

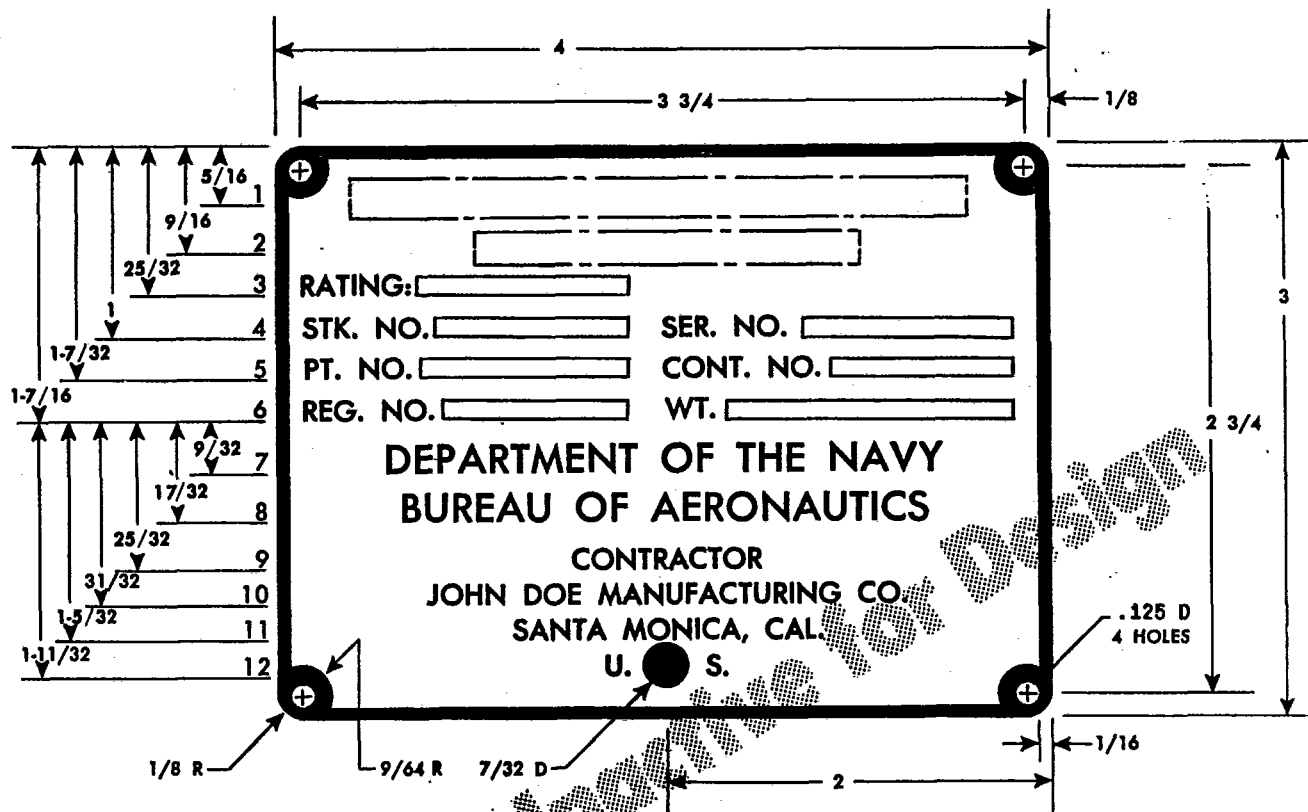


FIGURE 1
SET (NON AIRBORNE)

- LINE 1. ENTER THE NAME PORTION OF THE DESIGNATION EITHER IN ACCORDANCE WITH THE AN SYSTEM FOR ELECTRONIC EQUIPMENT OR AERONAUTICAL EQUIPMENT NOMENCLATURE SYSTEM FOR OTHER THAN ELECTRONIC EQUIPMENT.
- LINE 2. LETTER AND NUMBER PORTION OF THE DESIGNATION SHALL BE ENTERED ON THIS LINE.
- LINE 3. RATING SHALL ENCOMPASS HORSEPOWER (HP), ELECTRICAL CHARACTERISTICS (VOLTS, WATTS, CYCLES, ETC.), POUNDS PER SQUARE INCH (PSI) OR OTHER PERTINENT RATING CHARACTERISTICS AS NECESSARY TO IDENTIFY THE ITEM.
- LINE 4. ENTER STOCK NUMBER AS SPECIFIED BY THE PROCURING ACTIVITY. ENTER SERIAL NUMBER AS ASSIGNED BY THE PROCURING ACTIVITY OR CONTRACTOR'S SERIAL NUMBER IF NO OTHER ASSIGNED.
- LINE 5. PART NUMBER SHALL BE THE DRAWING NUMBER (INCLUDING DASH NUMBERS AND CHANGE LETTER) TO WHICH THE ITEM IS ACTUALLY MANUFACTURED. ENTER THE CONTRACT OR PURCHASE ORDER NUMBER, IF BOTH NUMBERS ARE KNOWN THE PURCHASE ORDER NUMBER SHALL BE USED.
- LINE 6. REGISTRATION NUMBER AND WEIGHT OF THE ITEM SHALL BE ENTERED IF KNOWN OTHERWISE W/A (NOT APPLICABLE) SHALL BE ENTERED IN EITHER OR BOTH PLACES.
- LINE 7. THE PROCURING AGENCY SHALL BE ENTERED HERE.
- LINE 8. THE PROCURING ACTIVITY SHALL BE ENTERED ON THIS LINE.
- LINE 9. IF THE ITEM IS MANUFACTURED BY A SUBCONTRACTOR ENTER SUBCONTRACTOR'S NAME, OTHERWISE ENTER THE WORD "CONTRACTOR" AS SHOWN.
- LINE 10. THE NAME OF THE CONTRACTOR SHALL BE ENTERED HERE.
- LINE 11. THE CITY AND STATE OF THE CONTRACTOR'S HOME OFFICE SHALL BE ENTERED HERE.
- LINE 12. U. S. SHALL BE ENTERED TO DENOTE GOVERNMENT OWNERSHIP. THE CIRCLE IS FOR THE INSPECTOR'S STAMP.

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