

MIL-I-18464G(AS)
27 October 1971
SUPERSEDING
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12 July 1965

MILITARY SPECIFICATION

FOR

**INSIGNIA AND MARKINGS
FOR NAVAL WEAPONS SYSTEMS**

**This specification has been approved by the Naval
Air Systems Command, Department of the Navy**

FSC-1500

MIL-I-18464G(AS)

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APPENDIX I

CONTENTS: Figures illustrating examples of Naval and Marine Corps aircraft, helicopters, and airships marked in accordance with the requirements of this specification. Also included are examples of other miscellaneous marking requirements, as well as insignia of foreign countries.

MIL-I-18464G(AS)

27 October 1971

SUPERSEDING

MIL-I-18464F(WP)

12 July 1965

MILITARY SPECIFICATION

INSIGNIA AND MARKINGS FOR NAVAL WEAPONS SYSTEMS

This specification has been approved by the Naval Air Systems Command, Department of the Navy.

1. SCOPE

1.1 Scope - This specification establishes the requirements for the insignia and markings to be applied to the exterior surfaces of all heavier-than-air Naval and Marine Corps weapons systems, as well as those procured for other government agencies and foreign countries under Navy contracts, in accordance with the directives of the Chief of Naval Operations.

1.1.1 Naval and Marine Corps weapons systems - The requirements for the insignia and markings include size, color, and approximate location, as shown in the supplementary figures of this specification. The supplementary figures of this specification are included for guidance only, and the location of insignia and markings may be varied, if required, due to the configuration or other considerations of a particular aircraft or type of aircraft. The exterior color requirements for Naval aircraft are contained in MIL-C-18263(AS). In the event of conflict with the marking requirements of other specifications, the requirements of this specification shall apply. (Refer to Table I, Note 1.)

1.1.2 Other than Naval and Marine Corps weapons systems - The requirements for the insignia and markings, including size, color, and approximate location for other than Naval and Marine Corps weapons systems procured under Navy contracts shall conform to the applicable specifications and publications listed in Section 2.

1.1.3 Foreign government aircraft - The requirements for the insignia and markings, including size, color, and approximate location, for foreign government aircraft procured under Navy contracts shall be as shown in the supplementary figures of this specification, except that the U.S. National Insignia shall be replaced by the insignia of the foreign government

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purchasing the aircraft, and Branch of Service markings shall not be applied. The insignia, together with flash insignia for vertical tail surfaces or rudder and markings, if required, for a number of foreign governments are shown in the supplementary figures of this specification. Insignia for foreign governments not shown herein will be furnished by the Naval Air Systems Command, if required to be applied.

2. APPLICABLE DOCUMENTS

2.1 The following documents of the issue in effect on date of invitation for bids or request for proposal, form a part of this specification to the extent specified herein.

SPECIFICATIONS

Federal

DDD-F-416 Flag, National, United States of America, and Flag, Union Jack

Military

MIL-I-6140 Insignia: National, Aircraft
 MIL-F-7179 Finishes and Coatings; General Specifications for Protection of Aircraft and Aircraft Parts
 MIL-C-18187 Coating, Protective; for Fabric Surfaces of Aircraft, Application of
 MIL-C-18263 Colors; Exterior, Naval Aircraft Requirements for
 MIL-C-18264 Finishes; Organic, Aircraft; Application Control of
 MIL-S-19722 Stencil, Marking, Paper, Pressure-sensitive
 MIL-P-21600 Paint, Fluorescent, Removable, for Aircraft Use
 MIL-M-25047 Markings for Airplanes and Airplane Parts
 MIL-A-25165 Aircraft Emergency Escape System, Identification of
 MIL-D-23890 Decalcomanias, Process for Application of
 MIL-P-38477 Plastic Material, Pressure Sensitive, For Aircraft Identification Marking
 MIL-M-43719 Marking Materials and Markers, Adhesive, Elastomeric, Pigmented

STANDARDS

Federal

FED-STD-595 Colors

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PUBLICATIONS

Bureau of Naval Weapons Instruction

13100.7 Designating, Redesignating and Naming Military
Aircraft

Army Technical Bulletin

TB AVN7 Painting and Marking of Army Aircraft

Air Force Technical Order

T.O. 1-1-636 Insignia and Markings for U.S. Air Force Aircraft

Military Air Transport Service Manual

No. 66-1 Markings for MATS Aircraft, MATS Aircraft Maintenance Engineering Manual Part III, Ch. 1.1

Coast Guard Paint and Color Manual

Coast Guard Manual Insignia and Markings for U.S. Coast Guard
CG 263 Section 3, Aircraft
Paragraph 3-15

(When requesting any of the applicable documents, refer to both title and number. Copies of this specification and other unclassified specifications and drawings required by the contractor in connection with specific procurement functions should be obtained upon application to the Commanding Officer, Naval Supply Depot (Code CDS), 5801 Tabor Avenue, Philadelphia, Pennsylvania 19120. All other documents should be obtained from the procuring activity or as directed by the contracting officer.)

(Copies of Military Air Transport Service Manual may be obtained from Commander, Headquarters, Military Air Transport Service, Scott Air Force Base, St. Louis, Missouri.)

(Copies of Coast Guard Paint and Color Manual may be obtained from Commandant, U.S. Coast Guard Headquarters, Service Division, 1300 E. Street, N.W., Washington 25, D.C.)

3. APPLICATION

3.1 Contractor requirements -

3.1.1 Insignia and markings - Contractors shall apply all insignia and markings, including identification plates for the aircraft and major assemblies, and warning and instruction markings, except the following:

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Unit Identifying Letters
 Unit Aircraft Numerals
 Station or Unit Name
 Naval Aviation Insignia
 Radio Call Markings

- * 3.1.2 Drawings - On all production contracts, the contractor shall submit to the Naval Plant Representative Office (NAVPLANTREPO) for approval a suitably dimensioned three-view drawing or drawings, and any revisions thereof, showing the size and location of the insignia and markings (except those markings specified in paragraph 3.1.1) prescribed in this specification. An additional copy shall be sent to the Engineering Specification and Standards Department, Naval Air Engineering Center, Code X-3, Philadelphia, Pennsylvania 19112, for information and review.

3.2 Service requirements - Naval Air activities shall apply other markings, which are not required to be applied by the contractor. In addition, markings, duplicating those specified herein, may be applied to other areas of the aircraft at the discretion of cognizant commands as an operational aid; provided such markings are not prohibited by camouflage requirements or other considerations, or conflict with the markings prescribed herein in the area selected.

4. MATERIALS

4.1 Materials - Finish materials conforming to MIL-F-7179 and MIL-C-18263, shall be used for the application of insignia and markings. Finishes shall be applied in accordance with MIL-F-18264.

- * 4.2 Decalcomanias - Decalcomanias may be used for application of the national insignia and other markings on aircraft and missiles. When decalcomanias are used, they shall be of an approved type conforming to MIL-P-38477 or MIL-M-43719. When decalcomanias are used, materials shall be comparable in durability, appearance, and all-around utility with marking applied by painting. Application of decalcomanias shall in no way be deleterious to the surface to which applied. Decalcomanias shall not be applied over brazier head rivets. Apply in accordance with MIL-D-23890.

4.2.1 Sizes -

4.2.1.1 National insignia decalcomanias - National insignia decalcomanias shall be available in blue circle diameters (excluding border) of not less than 10 nor more than 60 inches; the 10- to 35-inch diameters shall be in 5-inch increments and the 40- to 60-inch diameters shall be in 10-inch increments.

4.2.1.2 Decalcomania letter heights - Decalcomania letter heights shall be as follows:

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Small: 1, 2, 3, 4-1/2, and 6 inches high
 Medium: 9, 12, 15, 18, and 21 inches high
 Large: 24, 30, 42, and 48 inches high
 Letter sizes larger than 48 inches high: 12-inch increment

Dimensions for letters 2 inches in height or less shall be compatible to the nearest 1/16-inch fractional dimension to retain basic 1/3 ratios for height, width and stroke, e.g., for letters 1 inch in height, 15/16 inch would be a commensurate dimension for letter width 5/8 inch and stroke 3/16 inch. For lighter-than-air craft, special letter and numeral sizes of 40 and 54 inches in height will be available.

4.3 Color and gloss of marking materials - The color and gloss of marking materials used shall conform to MIL-C-18263 and as specified herein. The colors shall be selected from those listed in FED-STD-595. For non-camouflaged aircraft, the marking materials and decalcomanias used shall be glossy, unless otherwise specified. For camouflage aircraft, the marking materials and decalcomanias used shall be non-specular in areas coated or partially coated with non-specular finish, except that small maintenance markings may be either glossy or non-specular.

5. REQUIREMENTS FOR THE NATIONAL AIRCRAFT INSIGNIA

5.1 Design and location - The design of the national insignia for all military aircraft shall conform to the requirements of MIL-I-6140, and the location on aircraft shall be as specified in the following paragraphs.

5.1.1 Heavier-than-air craft - The national insignia shall be applied to the wings and fuselage of all Naval and Marine Corps weapons systems, including experimental models, and located as shown in the figures of Appendix I. The insignia shall not be applied on wings of research aircraft when the application of such insignia interferes with the aerodynamics of the aircraft. For helicopters, the national insignia shall be located on the fuselage as shown in applicable figures of Appendix I.

5.2 Application - Application of national insignia by painting shall be in accordance with MIL-F-18264. A stencil, conforming to MIL-S-19722, or other suitable type of mask, shall be used to produce a sharp outline. Decalcomanias may be applied either on finished or unfinished surfaces.

6. REQUIREMENTS FOR HEAVIER-THAN-AIR IDENTIFICATION MARKINGS

6.1 Letters and numerals -

6.1.1 Form - All letters and numerals shall be of the modified vertical block type, uniform in shape and size. The width of the letters

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and numerals shall be calculated according to a percentage of the height, (refer to Figure 2), and the width of the individual strokes forming them shall be 1/6th of the height, except as modified herein. (See 4.2.1.2).

6.1.2 Color and gloss - All letters and numerals shall be either black or white, depending on the color of the background upon which they are applied. The color shall be one of the greatest contrast in order to yield maximum visibility. The marking materials used shall be glossy, unless otherwise specified, and shall conform to the requirements of Section 4. For small maintenance or service markings, orange-yellow FED. STD. Color No. 13538 shall be used in lieu of black or white unless otherwise specified.

6.2 Identification marking requirements - The identification marking requirements for all aircraft, except as specified below, are contained in Table I and typical examples of markings are shown in figures of Appendix I.

6.2.1 Helicopters - The typical identification marking requirements for helicopters shall be as shown in the applicable drawings of Appendix I.

6.2.2 Research aircraft - The identification marking requirements of this specification do not apply to military aircraft used for research projects. The markings of such aircraft are subject to Naval Air Systems Command approval in each case.

6.2.3 Experimental aircraft - Experimental models shall be marked as specified in Table I, insofar as practicable. In addition, the marking "U.S. NAVY" shall be applied on the upper surface of the right wing and on the bottom surface of the left wing, in a similar location to the national aircraft insignia on the opposite wing. The height of the letters shall be the largest possible size that can be accommodated on the aircraft, selected from the following standard sizes: 12, 16, 20, 24, 30, or 36 inches.

6.2.4 Target aircraft and guided missiles - Target aircraft and SS type guided missiles with wings (excluding stabilizing fins) incorporated shall have the national insignia applied, in accordance with MIL-I-6140, and shall be marked as specified in Table I, insofar as practicable. The size of the letters and numerals shall be as specified in Table I, insofar as practicable. If required, due to space limitations, the size may be reduced proportionately. For all other types of guided missiles, only the serial number and model designation, if applicable, shall be applied.

6.2.4.1 Target aircraft - Target aircraft shall have the word "TARGET" applied, in one-inch high letters (minimum) along the port side of the forward and aft sections of the fuselage, the starboard side of the mid-section of the fuselage, the top side of each wing assembly, inboard

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from the wing tips, and, as applicable, the top side of each horizontal tail surface, inboard from the tips and on the starboard side of each vertical tail surface.

6.2.5 Rotocycles - The typical identification marking requirements for rotocycles shall be as shown in the applicable drawings of Appendix I.

7. DELETED

8. REQUIREMENTS FOR MISCELLANEOUS MARKINGS OTHER THAN IDENTIFICATION MARKINGS

8.1 Letters and numerals - The requirements for letters and numerals shall be as specified in paragraph 6.1 and subparagraphs. All letters and numerals shall be one inch in height, unless otherwise specified. If required, due to space limitation on smaller types of aircraft, one-inch high letters and numerals may be reduced to one-half inch in height, with their width and width of the individual stroke being reduced proportionately.

8.2 Parts markings - Markings for parts, structural assemblies, fluid lines, wiring controls, servicing points, etc. shall be in accordance with MIL-M-25047.

8.3 Emergency escape markings - Markings for emergency escape systems shall be in accordance with MIL-A-25165.

* 8.3.1 Warning markings - Jet engine intake and blast warning, fuselage propeller warning and stripes and helicopter tail boom warning markings shall conform to MIL-M-25047.

8.4 Doping code markings - Shall be applied in accordance with MIL-C-18187.

8.5 Naval aviation insignia - Aircraft units are authorized to display Naval aviation insignia in an appropriate location on aircraft, as fleet commanders may prescribe, in accordance with the requirements of applicable Chief of Naval Operations directives. No other crests, emblems, individual squadron insignia, campaign and commendation replicas, etc., shall be painted on or affixed to the exterior structure of aircraft, except as authorized in applicable CNO directives or as specified herein.

8.6 Wing-tip floats (P-5 only) - Apply a one-inch white stripe, FED, STD. Color No. 17875, on the inboard side of Model P-5 aircraft wing-tip floats, centered at float W.L. 20 and parallel to the load water line of the aircraft.

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8.7 Externally carried fuel tanks - All aircraft externally carried fuel tanks shall be stenciled in black paint with station numeral/letter symbol in two places, one outboard forward and one inboard aft. Centerline tanks shall have one stencil forward right hand and one stencil aft left hand. Markings shall be a minimum of 3 inches in length and not to exceed 4 inches in height.

8.8 Radio call markings - Radio call numbers, consisting of not less than the last four digits of the aircraft serial number, shall be applied on all aircraft, except those which do not have radio equipment. These numbers shall be applied to both sides of the vertical stabilizer and rudder assembly, or to each outboard side, as applicable. On rotary wing aircraft, if required, or if space limitations do not permit on other aircraft, these numbers shall be applied aft along the fuselage, or aft along each side, or outboard side of the tail boom, as applicable.

8.9 Individual ASW helicopter identification markings - Individual helicopters assigned to the ASW mission shall have large side, top (centered on transmission fairing) and bow fuselage markings applied for visual identification. These markings shall consist of one-digit numeral or two-digit numerals, as cognizant commands may prescribe, applied on the bow, the topside, and on each side of the fuselage. The size of the numeral shall be the largest size possible, but in no case less than 48 inches in height except that two-digit numerals may be reduced proportionately, if space limitations or other considerations require. These markings shall be located in areas such as not to interfere with the other markings required herein. Refer to paragraph 1.1.1.

8.10 Production block markings - Production block markings shall be applied in accordance with BuWeps Instruction 13100.7.

9. SEARCH AND RESCUE AIRCRAFT

9.1 Markings for large seaplanes and amphibians -

9.1.1 Wing tips -

9.1.1.1 Wing tip floats and struts shall be painted orange-yellow, FED. STD. Color No. 33538.

9.1.1.2 Wing tips - Refer to MIL-C-18263 for finish requirements.

9.1.2 Wing, center section (upper surface only) -

9.1.2.1 The upper surface of the center section, including the rear projection portion of the engine nacelles, shall be painted orange-yellow, FED. STD. Color No. 33538, to a distance just outboard of the two engine nacelles. A black border, FED. STD. Color No. 17038, 6 inches in width shall be added outboard.

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9.1.2.2 On the upper surface, the word "RESCUE" shall be superimposed; refer to 6.1.2 for color and gloss. Centered aft of the word "RESCUE", the appropriate identification numerals and/or letters shall be added. Letters and numerals shall be 36 inches high and formed in accordance with 6.1.1 and Figure 2.

9.1.3 Hull -

9.1.3.1 Hull (Rear section) - A 36-inch band, orange-yellow, FED. STD. Color No. 33538, approximately 3 feet forward of the leading edge of the horizontal stabilizer, shall encircle the aft portion of the hull, but not extend onto the last step or keel. Two 6-inch stripes, black, FED. STD. Color No. 17038, shall be added as borders.

9.1.3.2 Hull (Forward section) - An orange-yellow rectangle, FED. STD. Color No. 33538, whose length shall be equal to three times its height, shall be painted on each side of the forward part of the hull and centered between the leading edge of the wing and the bow. A 2-inch black stripe, FED. STD. Color No. 17038, shall border the rectangle. The height of the rectangle shall be 33 percent of the vertical dimension of the projection of the fuselage side at the point of application, except that the height of this rectangle shall be not greater than 36 nor less than 20 inches excluding the border. The rectangle shall be located as near as possible to the center of the vertical projection of the fuselage at the point of application. The national aircraft insignia, which normally would occupy this space, shall be located aft on the hull to clear this marking.

9.1.3.3 Hull (Bottom section) - On the bottom of the hull, between the bow and the main step, and extending from chine to chine, the search and rescue identification numerals and/or letters shall be painted. The top of the letters and/or numerals shall be at the port chine of the hull (see 6.1.2).

9.1.4 Identification numbers - The search and rescue identification numbers and/or letters shall be approximately 2/3 of the height of the orange-yellow rectangle.

9.2 Markings for helicopters - The word "RESCUE" shall be applied at the widest part of the top (aft of the enclosure) and bottom of the fuselage, using vertical block letters as large as space will permit. The words "ABANDON CHUTE" shall be applied on the bottom of the fuselage of all search and rescue helicopters, and at the discretion of cognizant commands to other helicopters engaged in search and rescue work, in an appropriate location so as to be readily visible from below. The lettering shall be the largest possible size which can be accommodated on the helicopter, selected from the following standard series of sizes: 12, 16, 20, 24, 30, 36 inches.

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9.3 Markings for other aircraft - The markings, as specified for large seaplanes and amphibians, shall be of a size and shape appropriate to the size and shape of the aircraft.

10. QUALITY ASSURANCE PROVISIONS

10.1 Responsibility for inspection - Unless otherwise specified in the contract or purchase order, the supplier is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract or order, the supplier may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.

10.2 Workmanship inspection - Insignia and markings shall be subject to inspection for quality of workmanship. Any insignia and markings which are not applied in accordance with the highest grade of workmanship shall be removed and reapplied.

11. NOTES

11.1 The outside margins of this specification have been marked "*" to indicate where changes from the previous issue have been made. This has been done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content as written irrespective of the marginal notations and relationship to the last previous issue.

(Table I, and Appendix I form a part of this specification and are contained hereinafter.)

Preparing Activity
Navy - (AS)
Project No. 1500-N005

TABLE I

* SIZE AND LOCATION OF IDENTIFICATION MARKINGS ON HEAVIER-THAN-AIR CRAFT (See Note 1 Page 28)

MARKING	LOCATION	SIZE
<p>A. <u>FUSELAGE</u> (See Note 7)</p> <p>A-1. BRANCH OF SERVICE MARKING (Mandatory) (See Note 5)</p> <p>A-1a. All models except transports (VR) and Naval Attache' (ALUSNA) aircraft:</p> <p>(1) On aircraft operated by the U.S. Navy and U.S. Naval Reserve activities, the "BRANCH OF SERVICE" marking shall consist of the word:</p> <p style="text-align: center;">NAVY</p> <p>(2) On aircraft operated by the U.S. Marine Corps and U.S. Marine Corps Air Reserve, the "BRANCH OF SERVICE" marking shall consist of the word:</p> <p style="text-align: center;">MARINES</p> <p>(3) On aircraft operated jointly by the U.S. Navy and U.S. Marine Corp or by Reserve components, the "BRANCH OF SERVICE" mark-</p>	<p>Both sides of the fuselage, just forward of the empennage.</p>	<p>The lettering shall be the largest possible size which can be accommodated on the aircraft, selected from the following standard sizes: 12, 16, 20, 24, 30, 36 inches.</p>

TABLE I (Continued)

MARKING	LOCATION	SIZE
<p>A. FUSELAGE (Continued)</p> <p>A-1a. All models except transports (VR) and Naval Attache (ALUSNA) aircraft: (Continued)</p> <p>ing shall consist of the word:</p> <p>NAVY</p>		
<p>At the discretion of cognizant commands, the "BRANCH OF SERVICE" marking of aircraft operated jointly by Reserve components of the Navy and Marine Corps, may consist of the words: NAVY - If these words are applied, the station name shall be omitted. MARINE</p>		
<p>A-1b. Transport Aircraft (VR): (See Note 8)</p> <p>(1) On transport aircraft operated by the U.S. Navy and U.S. Naval Reserve activities, the "BRANCH OF SERVICE" marking shall consist of the words:</p> <p>UNITED STATES NAVY</p> <p>(2) On transport aircraft operated by the U.S. Marine Corps and U.S. Marine Corps Air Reserve, the "BRANCH OF</p>	<p>The marking shall be located, consistent with symmetry, along both sides of the fuselage, or along the outboard side of each main boom, as appropriate. For low wing transports, the marking shall be located centrally above the windows; for high wing transports, the marking shall be located on the fuselage either under the wing or aft of the trailing edge of the wing, or forward of the leading edge of the wing, or along the centerline of the boom.</p>	<p>The lettering shall be the largest possible size which can be accommodated on the aircraft, selected from the following standard sizes: 12, 16, 20, 24, 30, 36 inches.</p>

TABLE I (Continued)

MARKING	LOCATION	SIZE
<p>A. FUSELAGE (Continued)</p> <p>A-1b. Transport Aircraft (VR): (See Note 8) (Continued)</p> <p style="padding-left: 40px;">SERVICE" marking shall consist of the words:</p> <p style="padding-left: 80px;">UNITED STATES MARINES</p> <p>(3) On transport aircraft operated by the U.S. Navy and U.S. Marine Corps or by Reserve components, the "BRANCH OF SERVICE" marking shall consist of the words:</p> <p style="padding-left: 40px;">UNITED STATES NAVY</p>		
<p>A-1c. Naval Attache' (ALUSNA) aircraft:</p> <p>The "BRANCH OF SERVICE" marking shall consist of the words:</p> <p style="padding-left: 40px;">UNITED STATES NAVY</p> <p>(See paragraph A-8 of this table)</p>	<p>For C-47 and larger aircraft, the marking shall be located as specified above for transports. For smaller aircraft, the marking shall be located as shown in the supplementary figures of Appendix I.</p>	<p>The lettering shall be the largest possible size which can be accommodated on the aircraft, selected from the following standard sizes: 12, 16, 20, 24, 30, 36 inches.</p>

TABLE I (Continued)

MARKING	LOCATION	SIZE
A. <u>FUSELAGE</u> (Continued)	<p>The MODEL DESIGNATION AND BUREAU AIRPLANE SERIAL NUMBER shall be centrally located on both sides of the fuselage under the horizontal stabilizer in the position shown in the supplementary figures of Appendix I. In the case of transport (VR) aircraft having twin booms, these markings shall be centrally located on the outboard side of each main boom, between the INSIGNIA and the horizontal stabilizer. The BUREAU AIRPLANE SERIAL NUMBER shall be symmetrically located 2 inches below the MODEL DESIGNATION.</p>	Letters and numerals shall be 2 inches high.
97 A-3. BUREAU AIRPLANE SERIAL NUMBER (Mandatory) (See Note 6)		Numerals shall be 4 inches high.

TABLE I (Continued)

MARKING	LOCATION	SIZE
<p>A. <u>FUSELAGE</u> (Continued)</p> <p>A-4. UNIT AIRCRAFT NUMERAL (Mandatory)</p> <p>THE UNIT AIRCRAFT NUMERAL shall consist of numerals only, to designate the number of the airplane within the Unit. Where CNO directives specify the use of the last three digits of the BUREAU SERIAL NUMBER as a visual identification marking, these numbers shall comprise the UNIT AIRCRAFT NUMERAL. CNO directives permit non-tactical aircraft to be marked with the last four digits of the BUREAU SERIAL NUMBER to differentiate it from another aircraft having the same last three digits.</p>	<p>On the bow of the aircraft, on both sides of fuselage.</p>	<p>Numerals shall be a minimum height of 12 inches and shall be the largest possible of the following standard sizes: 12, 16, 20, 24, 30, or 36 inches, which can be applied not to exceed 50 percent of the height of the projection of the fuselage side at the point of application. The size and color of the UNIT AIRCRAFT NUMERAL for airplanes finished in land camouflage scheme shall be left to the discretion of the Tactical Commander.</p>
<p>A-5. SQUADRON DESIGNATION (Optional Additional Marking)</p> <p>A-5a. All models except Transports (VR)</p>	<p>The SQUADRON DESIGNATION shall appear on both sides of the fuselage, just forward of the empennage, and centered under the "BRANCH OF SERVICE" marking previously described herein. If this</p>	<p>The letters and numerals shall be one-half (1/2) the size of the letters used for the "BRANCH OF SERVICE" marking.</p>

TABLE I (Continued)

MARKING	LOCATION	SIZE
<p>A. <u>FUSELAGE</u> (Continued)</p> <p>A-5a. All models except Transports (VR) (Continued)</p>	<p>is not practicable, due to space limitations, the squadron designation may be applied in an aft location designated by cognizant commands.</p>	
<p>A-5b. TRANSPORT AIRCRAFT (VR)</p> <p>The SQUADRON DESIGNATION shall consist of letters and numerals (e.g VMR-352, etc.) on aircraft assigned to a Navy or Marine Squadron.</p>	<p>THE SQUADRON DESIGNATION on low wing transports shall be applied along the centerline on both sides of the fuselage, just forward of the empennage. On high wing transports, if the "BRANCH OF SERVICE" marking is placed on the fuselage, either under the wing, or aft of the trailing edge of the wing, the SQUADRON DESIGNATION SHALL BE CENTERED symmetrically under the marking. If the "BRANCH OF SERVICE" marking is placed along the boom, the SQUADRON DESIGNATION shall be centered symmetrically under the marking. If this is not practicable, the SQUADRON DESIGNATION shall be placed aft along the fuselage, below the centerline.</p>	<p>The letters and numerals shall be one-half (1/2) the size of the "BRANCH OF SERVICE" marking.</p>
<p>A-6 RESERVE AIRCRAFT MARKINGS</p> <p>A-6a. STATION NAME (Optional Additional Marking)</p> <p>(1) All models except transports (VR)</p>	<p>On aircraft assigned to the Naval or Marine Corps Air Reserve, the STATION NAME shall be placed on both</p>	<p>The letters used for Reserve station identification shall be one-half (1/2) the</p>

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TABLE I (Continued)

MARKING	LOCATION	SIZE
<p>A. <u>FUSELAGE</u> (Continued)</p> <p>A-6a. STATION NAME (Optional Additional Marking) (Continued)</p> <p>(1) All models except transports (VR) (Continued)</p> <p>(2) Transport Aircraft (VR)</p>	<p>sides of the fuselage just forward of the empennage and centered under the "BRANCH OF SERVICE" marking previously described herein. This shall be in addition to the station letter on both sides of the vertical fin and rudder.</p> <p>On transport aircraft (VR) assigned to the Naval or Marine Corps Air Reserve, in cases where the "BRANCH OF SERVICE" marking is placed along the fuselage above the windows, the STATION NAME shall be placed along the centerline on both sides of the fuselage, just forward of the empennage. This shall be in addition to the station letter on both sides of the vertical fin and rudder.</p>	<p>size of the letters used for the "BRANCH OF SERVICE" marking.</p> <p>The letters used for Reserve station identification shall be one-half (1/2) the size of the letters used for the "BRANCH OF SERVICE" marking.</p>
<p>A-7. INSTRUMENT FLYING TRAINING AIRCRAFT STRIPE (Optional marking at the discretion of the Station Commanding Officer)</p> <p>Glossy light green band, FED. STD. Color No. 14187, around the fuselage.</p>	<p>Immediately forward of the empennage. The stripe shall be centered with respect to the "BRANCH OF SERVICE" marking, and shall be broken to permit inclusion of the "BRANCH OF SERVICE" marking.</p>	<p>Width of stripe shall be 36 inches.</p>

TABLE I (Continued)

MARKING	LOCATION	SIZE
<p>A. <u>FUSELAGE</u> (Continued)</p> <p>* A-8 NAVAL ATTACHE' (ALUSNA) AIRCRAFT MARKINGS (Mandatory) (May be deleted, however, on basis of local, diplomatic, or other important considerations) (see note 14) Fuselage markings for Naval Attache' (ALUSNA) aircraft shall consist of the following words:</p> <p>UNITED STATES NAVAL ATTACHE' TO (NAME OF COUNTRY)</p> <p>For the benefit of foreign personnel, the same lettering as above, but worded in the language of the country to which the Attache' is accredited, shall be placed approximately two inches below the American inscription.</p> <p>This foreign language inscription shall be applied by, or under the supervision of experienced personnel who have a thorough knowledge of the foreign language involved, in the country to which the Naval Attache' is accredited. In</p>	<p>Forward on the aircraft, approximately under the pilot's cockpit, on both sides of the fuselage. For C-47 and larger aircraft, the American inscription shall be located above the centerline of the fuselage and the foreign inscription shall be located below the centerline of the fuselage. For smaller aircraft, the American and foreign inscriptions shall be located as shown in the supplementary figures of Appendix I.</p>	<p>For C-47 and larger aircraft, the lettering of the American and foreign inscription shall be four inches high. For smaller aircraft the size of the lettering shall be reduced proportionately.</p>

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TABLE I (Continued)

MARKING	LOCATION	SIZE
<p>A. <u>FUSELAGE</u> (Continued)</p> <p>A-8. NAVAL ATTACHE' (ALUSNA) AIR-CRAFT MARKINGS (Mandatory) (Continued)</p> <p>the event that more than one form of script of the foreign language involved exists, the final selection shall be determined at destination. All letters shall be painted or stencilled in white on a dark background or in black on a light background.</p>		
<p>19 A-9. SEARCH AND RESCUE AIRCRAFT MARKINGS (Mandatory)</p> <p>The fuselage of search and rescue aircraft shall be marked as specified herein.</p> <p>The "BRANCH OF SERVICE" marking and the orange-yellow band shall be centered with respect to each other, and the band shall be interrupted to permit inclusion of the "BRANCH OF SERVICE" marking.</p>		

TABLE I (Continued)

MARKING	LOCATION	SIZE
B. <u>WINGS</u> (See Notes 2 and 3 Page 29)		
B-1. BRANCH OF SERVICE MARKING (Mandatory)		
B-1a. All models except Naval Attache' (ALUSNA) aircraft:		
(1) On aircraft operated by the U.S. Navy and U.S. Naval Reserve activities, the "BRANCH OF SERVICE" marking shall consist of the word: NAVY	On the under surface of the left wing as far outboard as possible. (Refer to Note 4.)	The lettering shall be the largest possible size which can be accommodated on the aircraft selected from the following stand- ard sizes: 24, 30, 36 inches for the word NAVY: 12, 16, 20, 24, 30, 36 inches for the word MARINES.
(2) On aircraft operated by the U.S. Marine Corps and U.S. Marine Corps Air Reserve, the "BRANCH OF SERVICE" marking shall consist of the word: MARINES		
(3) On aircraft operated jointly by the U.S. Navy and U.S. Marine Corps or by Reserve components, the "BRANCH OF SERVICE" marking shall consist of the word: NAVY		

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TABLE I (Continued)

MARKING	LOCATION	SIZE
<p>B. <u>WINGS</u> (Continued)</p> <p>B-1b. Naval Attache' (ALUSNA) aircraft:</p> <p>The "BRANCH OF SERVICE" marking shall not be used on the wing of this type aircraft (see paragraph B-7 of this table).</p> <p>B-2. UNIT IDENTIFYING LETTER (Mandatory)</p> <p>The UNIT IDENTIFYING LETTER shall consist of letters only to designate a squadron or group of the airplane. (Letters are assigned in accordance with CNO directives.)</p>	<p>On upper surface of right wing with the center of the marking placed at a distance from the wing tip equal to one-third of the distance from the fuselage to the wing tip and in a similar location to the NATIONAL AIRCRAFT INSIGNIA on the opposite wing; and on the under surface of the right wing, located symmetrically between the NATIONAL AIRCRAFT INSIGNIA and the fuselage. (Refer to NOTE 4.)</p>	<p>On the upper surface of the right wing the letters shall be a minimum height of 20 inches and shall be the largest possible of the following standard sizes: 20, 24, 30, or 36 inches. On the under surface of the right wing the letters shall be 16 inches in size.</p>

TABLE I (Continued)

MARKING	LOCATION	SIZE
<p>B. WINGS (Continued)</p> <p>B-3. UNIT AIRCRAFT NUMERAL (Mandatory)</p> <p>The UNIT AIRCRAFT NUMERAL shall consist of numerals only, to designate the number of the airplane within the unit. Where CNO directives specify the use of the last three digits of the Bureau Serial Number as a visual identification marking, their markers shall comprise the UNIT AIRCRAFT NUMERAL. CNO directives permit non-tactical aircraft to be marked with the last four digits of the BUREAU SERIAL NUMBER to differentiate it from another aircraft having the same last three digits.</p>	<p>On upper surface of right wing 18 inches inboard of the UNIT IDENTIFYING LETTER, and on under surface of left wing symmetrically located between the "BRANCH OF SERVICE" marking and fuselage. (Refer to NOTE 4.)</p>	<p>On the upper surface of the right wing, the numerals shall be a minimum height of 16 inches and shall be the largest possible of the following standard sizes: 16, 20, 24, or 30 inches. On under surface of the left wing, the numerals shall be 16 inches high. The size and color of the UNIT AIRCRAFT NUMERAL for aircraft finished in land camouflage scheme shall be left to the discretion of the Tactical Commander.</p>
<p>B-4. STATION or UNIT NAME (Mandatory)</p> <p>In the case of shore-based aircraft, where no UNIT IDENTIFYING LETTERS are assigned, this marking shall consist of the name of the air station, e.g., ALAMEDA, CORPUS CHRISTI, etc., or abbreviation of</p>	<p>Placed in the locations specified in paragraph B-2 for the UNIT IDENTIFYING LETTER.</p>	<p>On the upper surface of the right wing, the letters and numerals shall be the largest which can be accommodated on the aircraft, selected from the following standard sizes: 12, 16, 20, 24, 30, or 36 inches. On the under surface</p>

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TABLE I (Continued)

MARKING	LOCATION	SIZE
<p>B. <u>WINGS</u> (Continued)</p> <p>B-4. STATION or UNIT NAME (Mandatory) (Continued)</p> <p>the unit's title, e.g., FASRON-2, employed in lieu of the UNIT IDENTIFYING LETTER.</p>		<p>of the right wing, the letters and numerals shall be 16 inches high. If nec- essary due to space limita- tions, station names may be divided to occupy two lines. If two lines are used for station names, the dash shall be omitted and the letters on the second line shall be centered symmetrically below those on the top line.</p>
<p>B-5. INSTRUMENT FLYING TRAIN- ING AIRCRAFT STRIPE (Option- al marking at discretion of Station Commanding Officer)</p> <p>The wing stripe shall consist of a fore-and-aft glossy light green stripe, FED. STD. Color No. 14187.</p>	<p>The stripe shall be placed in a fore-and-aft direction on each wing, outboard of the fuselage an equal distance on each side, and located consistent with symmetry with re- spect to other wing markings. The stripes shall completely encircle the wing.</p>	<p>Width of stripe shall be 36 inches.</p>

TABLE I (Continued)

MARKING	LOCATION	SIZE
<p>B. WINGS (Continued)</p> <p>B-6. HOSPITAL AIRCRAFT RED CROSS (Mandatory)</p> <p>Hospital aircraft shall be identified by a Geneva Red Cross, consisting of a symmetrical glossy insignia red cross on a glossy insignia white disc. The insignia shall consist of five red squares arranged in the form of a symmetrical cross centered inside the white circumscribed circle.</p>	<p>On upper and lower wing surfaces, in the locations specified in paragraph B-2 as being normally allotted to the UNIT IDENTIFYING LETTER.</p>	<p>The length of the red cross shall be 15/19 of the diameter of the circumscribed circle. The diameter of the circumscribed circle shall be the same as the diameter of circumscribed circle of the NATIONAL AIRCRAFT INSIGNIA.</p>
<p>B-7. NAVAL ATTACHE' (ALUSNA) AIRCRAFT MARKINGS (Mandatory) (May be deleted, however, on the basis of local, diplomatic, or other important considerations.)</p> <p>The wing marking for Naval Attaché aircraft shall consist of an American flag.</p> <p>NOTE: If more positive identification is required because of local conditions or other considerations, an additional American flag may be applied to the topside of the right wing on an interim basis. This flag shall be removed when local</p>	<p>The flag shall be located on the under side of the left wing, approximately under the NATIONAL AIRCRAFT INSIGNIA on the top side of the left wing. The "BRANCH OF SERVICE" marking shall not be used on the wing for this type aircraft. The flag shall be centered symmetrically and applied so that an observer on the ground, with airplane approaching, will view the flag with the</p>	<p>The flag shall be in the proportions of 1.0 foot in width to 1.9 feet in length, in accordance with standard American flag requirements. In no case, however, shall the width exceed 75 percent of the distance between the leading edge of the wing and the aileron cutout at the point of application. In all cases,</p>

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TABLE I (Continued)

MARKING	LOCATION	SIZE
<p>B. <u>WINGS</u> (Continued)</p> <p>B-7. NAVAL ATTACHE' (ALUSNA) AIR-CRAFT MARKINGS (Mandatory) (Continued)</p> <p>considerations permit. The flag size shall be the same as that applied to the underside of the left wing and shall be located approximately over the National Insignia on the underside of the right wing.</p>	<p>blue field forward and to his left, and with the stripes extending outboard.</p>	<p>the largest size flag which can be accommodated on the wing shall be used.</p>
<p>25</p> <p>B-8. SEARCH AND RESUE AIRCRAFT MARKINGS (Mandatory)</p> <p>The wings, wing tip floats, and wing tip struts shall be marked as specified herein.</p>		
<p>C. <u>VERTICAL TAIL SURFACES</u> (See Note 7)</p> <p>C-1. UNIT IDENTIFYING LETTER (Mandatory) (See Note 12)</p> <p>The UNIT IDENTIFYING LETTER on the vertical tail surfaces shall consist of letters only to designate the squadron or group of the airplane. (Letters are assigned in accordance with CNO directives.)</p>	<p>Both sides of vertical tail surfaces above the horizontal stabilizer, centered on the vertical surfaces. On multiple tail surfaces, the marking shall appear on the outboard sides only.</p>	<p>Letters shall be a minimum of 20 inches and shall be the largest possible of the following standard sizes: 20, 24, 30, or 36 inches. In case of double letters, the width of each letter may be reduced to accommodate the letters to the shape of the tail surface, retaining maximum clarity, visibility, and symmetry.</p>

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TABLE I (Continued)

MARKING	LOCATION	SIZE
<p>C. <u>VERTICAL TAIL SURFACES</u> (Continued)</p> <p>C-2. STATION or UNIT NAME (Mandatory)</p> <p>In the case of shore based aircraft, where no UNIT IDENTIFYING LETTERS are assigned, this marking shall consist of the name of the air station, e.g., ALAMEDA, CORPUS CHRISTI, etc., or abbreviation of the unit's title, e.g., FASRON-2 employed in lieu of the UNIT IDENTIFYING LETTER. If the station name is marked on the vertical tail surfaces, it shall not be applied on the fuselage.</p>	<p>On the vertical tail surfaces in the locations specified in paragraph C-1 for the UNIT IDENTIFYING LETTER.</p>	<p>The size letters shall be such that the STATION or UNIT NAME can be accommodated on the vertical tail surfaces in the specified location. If necessary due to space limitations, the STATION or UNIT NAME may be divided to occupy two lines. If two lines are used for STATION NAMES, the dash shall be omitted and the letters on the second line shall be centered symmetrically below those on the top line.</p>
<p>* C-3. SQUADRON DESIGNATION WITHIN CARRIER AIR GROUP (Mandatory)</p> <p>Shall consist of colors, as designated below, to designate the squadron within the Carrier Air Group. (See Note 13)</p> <p>1st Squadron or Unit - Insignia Red</p>	<p>Propeller spinner(s) and approximately the top seven inches of the vertical tail surface(s), on both sides above the UNIT IDENTIFYING LETTERS.</p>	<p>Not applicable.</p>

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TABLE I (Continued)

MARKING	LOCATION	SIZE
<p>C. <u>VERTICAL TAIL SURFACES</u> (Continued)</p> <p>C-3. SQUADRON DESIGNATION WITH- IN CARRIER AIR GROUP (Mandatory) (Continued)</p> <p>2nd Squadron or Unit - Orange- Yellow</p> <p>3rd Squadron or Unit - Light Blue</p> <p>4th Squadron or Unit - International Orange</p> <p>5th Squadron or Unit - Light Green</p> <p>6th Squadron or Unit - Black</p> <p>7th Squadron or Unit - Insignia Blue</p> <p>Other Squadrons - Maroon</p>		
<p>C-4. HOSPITAL AIRCRAFT RED CROSS (Mandatory)</p> <p>Hospital aircraft shall be identified by a Geneva Red Cross consisting of a symmetrical glossy insignia red cross on a glossy white disc. The insignia shall consist of five red squares arranged in the form of a symmetrical cross centered inside the white circumscribed circle.</p>	<p>Both sides of vertical tail surface above the horizontal stabilizer, centered on the tail surface, in the space normally allotted to the UNIT IDENTIFYING LETTER.</p>	<p>The length of the red cross shall be $15/19$ of the diameter of the circumscribed circle. The diameter of the circumscribed circle shall be $2/3$ of the mean chord of the vertical tail surface.</p>

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TABLE I (Continued)

MARKING	LOCATION	SIZE
<p>C. <u>VERTICAL TAIL SURFACES</u> (Continued)</p> <p>* C-5. NAVAL ATTACHE (ALUSNA) AIRCRAFT MARKINGS (Mandatory) (May be deleted, however, on basis of local, diplomatic, or other important considerations.)</p> <p>The vertical tail surface marking for Naval Attache aircraft shall consist of an American flag.</p>	<p>The flag shall be positioned horizontally and in such a manner that the union shall be uppermost on both sides of the vertical tail surfaces. For aircraft having multiple vertical tail surfaces, the flag shall appear only on the two outboard sides. The flag on the left side of the aircraft shall be applied with the blue field forward and the stripes extending aft. The flag on the right side of the aircraft shall be applied with the blue field forward and the stripes extending aft. The bars of the flag shall appear to be trailing at all times. The flag shall be centered symmetrically on the surface.</p>	<p>For C-47 and larger aircraft, the flag shall be 3.0 feet in width by 5.7 feet in length. For smaller aircraft, the length of the flag shall not exceed 75 percent of the chord at one-half the height of the vertical surface from the horizontal surface. For smaller aircraft with twin vertical stabilizers, the length of the flag shall not exceed 75 percent of the chord at one-half the height of the vertical surface.</p>
<p>C-6. RADIO CALL NUMBERS (Mandatory)</p> <p>Radio call numbers, consisting of not less than the last four digits of the serial number, shall be applied on all aircraft, except those which do not have radio equipment.</p>	<p>The radio call numbers shall be applied to both sides of the vertical stabilizer and rudder assembly, or to each outboard side, as applicable. On rotary wing aircraft, or if space limitations do not permit on other aircraft, these numbers shall be applied aft along the fuselage, or aft along each side of the tail boom, as applicable.</p>	<p>The size of the numbers shall be the largest size possible of the following standard sizes: 12, 16, 20, 24, 30, and 36, but in no case less than 12 inches in height.</p>

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TABLE I (Continued)

- * NOTE 1: See the figures of Appendix I for supplementary information. The views shown herein are conventionalized. Minor changes may be necessary in view of space limitations or configuration, to adapt the markings to the specific models of aircraft, including those shown herein. Any changes made shall not affect quick identification and recognition of the aircraft. Dimensioned drawings, showing the size and location of the insignia and markings applied to various types of aircraft, are prepared by the Naval Air Rework Facility of Naval Air Stations, in accordance with applicable NAVAIR Instructions. Therefore, any changes proposed by Naval Air Activities must be coordinated with the Naval Air Rework Facility which has prepared the service drawing, in order that standardization may be maintained.
- NOTE 2: All identifying information, except the NATIONAL AIRCRAFT INSIGNIA, presently on or to be placed on the under surface of the wing, shall be so applied that it can read from left or right when standing in front of and facing the aircraft.
- NOTE 3: On swept-back wings and wings of variable sweep, all letters and numerals shall be applied symmetrically along the 50 percent constant chord line, as is required for application of the NATIONAL AIRCRAFT INSIGNIA.
- NOTE 4: All aircraft intended for carrier use, which are painted white on the underside of the wings in accordance with MIL-C-18263, shall not have the Branch of Service markings, or unit identifying letters or numerals applied to the underside of the wings. Apply only the NATIONAL AIRCRAFT INSIGNIA (gloss) and any small maintenance markings required. Patrol aircraft finished in light gray on the undersurface shall have the Branch of Service markings and unit identifying letters and numerals applied in gloss white, and the NATIONAL AIRCRAFT INSIGNIA in gloss colors.
- NOTE 5: In accordance with established CNO policy, Navy "BRANCH OF SERVICE" markings shall be applied to all aircraft, except in cases where it is known in advance that specific aircraft are intended for Marine Corps activities. If it is known in advance that specific aircraft are intended for another Service, the "Branch of Service" markings of that particular Service shall apply.
- NOTE 6: If space permits the application of the full bureau airplane serial number on the vertical surface for radio call numbers, and if, on the particular aircraft, the model designation is in close proximity to the radio call numbers, so that the numbers may be seen on the ground, with wings folded or unfolded, the additional bureau airplane serial number may be omitted. If the radio call numbers are fewer than the full bureau number, due to space limitations, the bureau airplane serial number shall be applied below the model designation.

TABLE I (Continued)

- NOTE 7: Insofar as is practicable, all letters and numerals shall be positioned on the fuselage and vertical tail surface so as to be perpendicular to the fuselage reference line.
- NOTE 8: At the discretion of cognizant commands, "American Flags," similar to the configuration specified for ALUSNA aircraft, may be applied on both sides, or on the two outboard sides, as applicable, of the vertical tail surface of transport aircraft to facilitate recognition by foreign countries over-flown, or for other important considerations. Such markings shall be deleted after their purpose has been served.
- NOTE 9: If space limitations do not permit, or if the application of small maintenance markings, warning legends, etc., in one-inch letters or numerals results in an unsightly appearance, such markings may be reduced to one-half inch in height, minimum.
- NOTE 10: DELETED
- NOTE 11: The markings specified herein may be overcoated, or their colors muted by overcoating with a semitransparent finish, if cognizant commands consider such a procedure essential for non-specular (camouflage) purposes. This overcoating shall be removed when it has served its purpose.
- NOTE 12: If space limitations permit on tactical-type aircraft with white rudders, an effort should be made to avoid applying the unit identifying letters on the white finish. However, the specified height of the letters must be maintained.
- NOTE 13: At the discretion of cognizant commands, the squadron designation may be omitted from helicopters where there is only one helicopter squadron in the air group.
- NOTE 14: The marking for "NAVAL ATTACHE" also applies to "NAVAL MISSION"; that is, either a "NAVAL ATTACHE" marking or a "NAVAL MISSION" marking may be applied, as applicable.

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APPENDIX I

APPENDIX I
TO
MILITARY SPECIFICATION
MIL-I-18464G(AS)
INSIGNIA AND MARKINGS FOR NAVAL WEAPONS SYSTEMS

(NOTE: The Squadron Designations and Unit
Identifying Letters shown herein are not
intended to duplicate aircraft in service
use.)

This appendix forms a part of and should be
attached to MIL-I-18464G(AS) dated

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<u>GROUP</u>	<u>TYPE OF MARKING</u>	<u>FIGURE NO.</u>
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	Naval Squadron	A-3
	Naval Squadron	A-4
	Naval Squadron	A-5
Drone, Target		D-1
		D-2
Fighter	Naval Squadron	F-1
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	Naval Squadron	F-3
	Marine Corps Squadron	F-4
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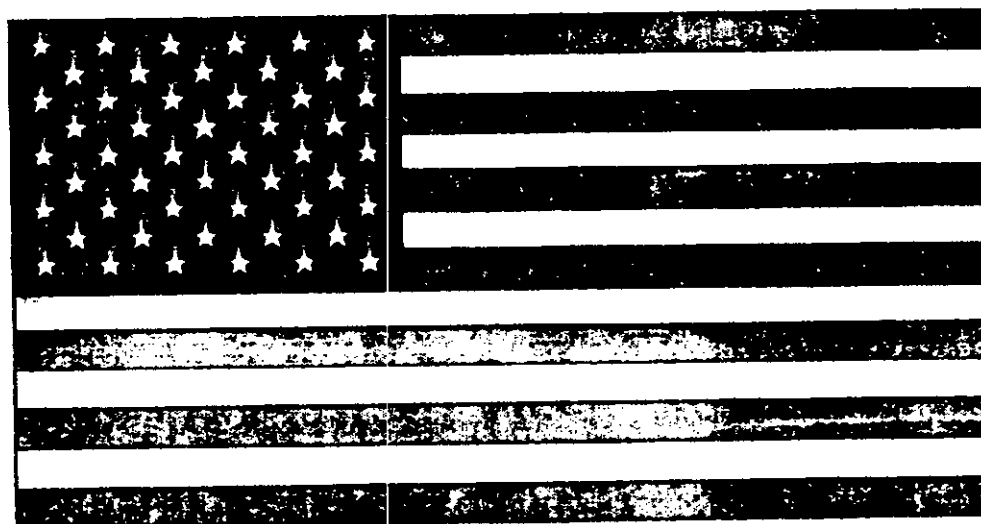
<u>GROUP</u>	<u>TYPE OF MARKING</u>	<u>FIGURE NO.</u>
	Marine Reserve Squadron	F-6
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	_____	O-3
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	ALUSNA	R-6
	Naval Hospital Plane	R-7
	Naval Squadron	R-8
	Naval Squadron	R-9
	Naval Air Station	R-10
Submarine Search & Attack	Naval Squadron	S-1

MIL-I-18464G(AS)
APPENDIX I

TABLE OF CONTENTS (Continued)

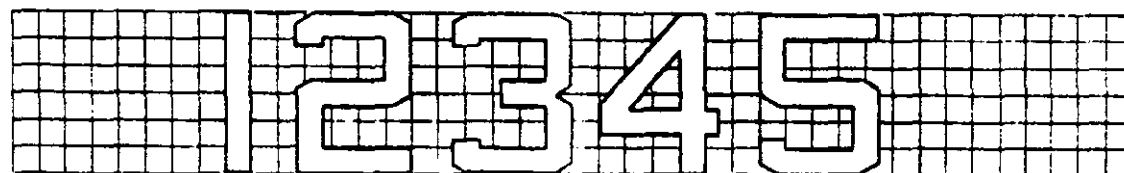
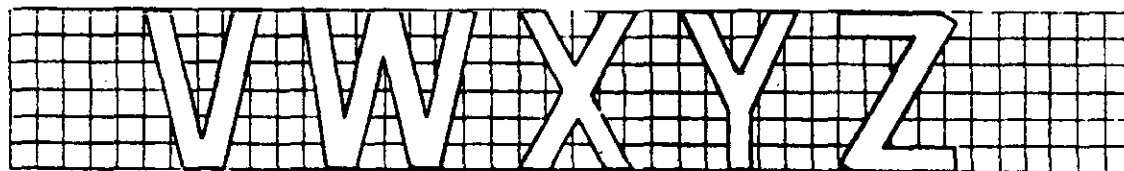
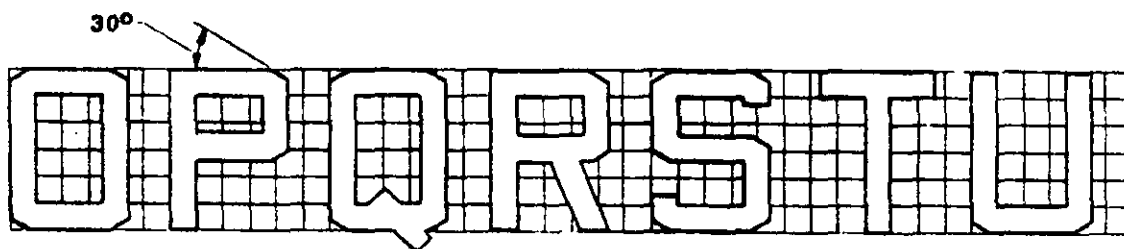
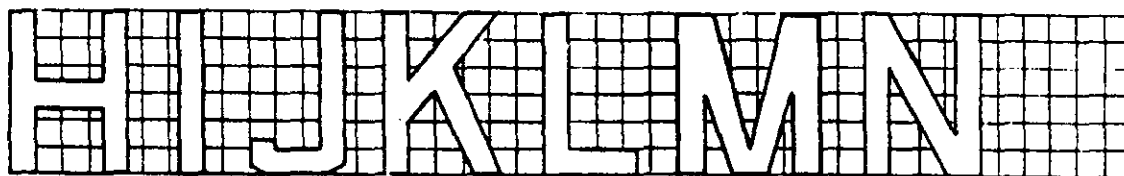
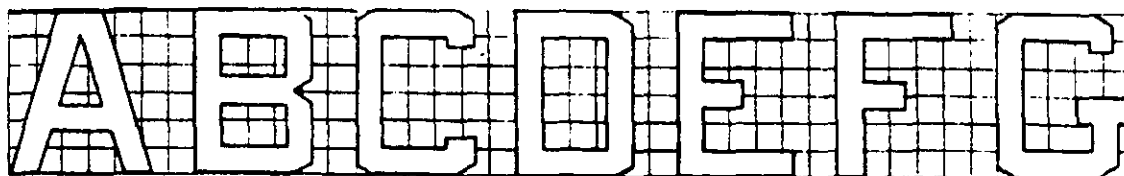
<u>GROUP</u>	<u>TYPE OF MARKING</u>	<u>FIGURE NO.</u>
Trainer	Naval Squadron	T-1
	Naval Air Station - Instrument Flying Markings	T-2
Utility	Naval Air Station	U-1
	Naval Squadron - Rescue Markings	U-2
	Naval Squadron - Target Towing Markings	U-3
	ALUSNA	U-4
Early Warning	Naval Squadron	W-1
	Naval Squadron	W-2

MTL-I-184640K(AS)
APPENDIX I



AMERICAN FLAG
DIMENSIONS SHALL BE IN ACCORDANCE WITH DDD-F-416
FIGURE 1

MIL-I-18464G(AS)
APPENDIX I



NOTE: REFER TO FIGURE 2 (CONTINUED).

FORM OF LETTERS AND NUMERALS
FIGURE 2

MIL-I-18464G(AS)

APPENDIX I

1. The width of all letters and numbers is measured across the widest point from the outermost points of the letters.
2. The width of the letters and numbers is calculated according to a percentage of the height, as shown by the number of blocks the figure represents; for example,
 - a. The letter "N" is 6 blocks high, as are all the figures, and 4.5 blocks wide; therefore, the width of the letter should be 75 percent of the height.
 - b. The letter "A" is 5.5 blocks wide, therefore the width should be 92 percent of the height.
 - c. The letter "W" is 6.5 blocks wide; therefore the width should be 108 percent of the height.

In brief, to obtain the percentage of the height divide the width of the figure by the height, which is 6 in all cases.

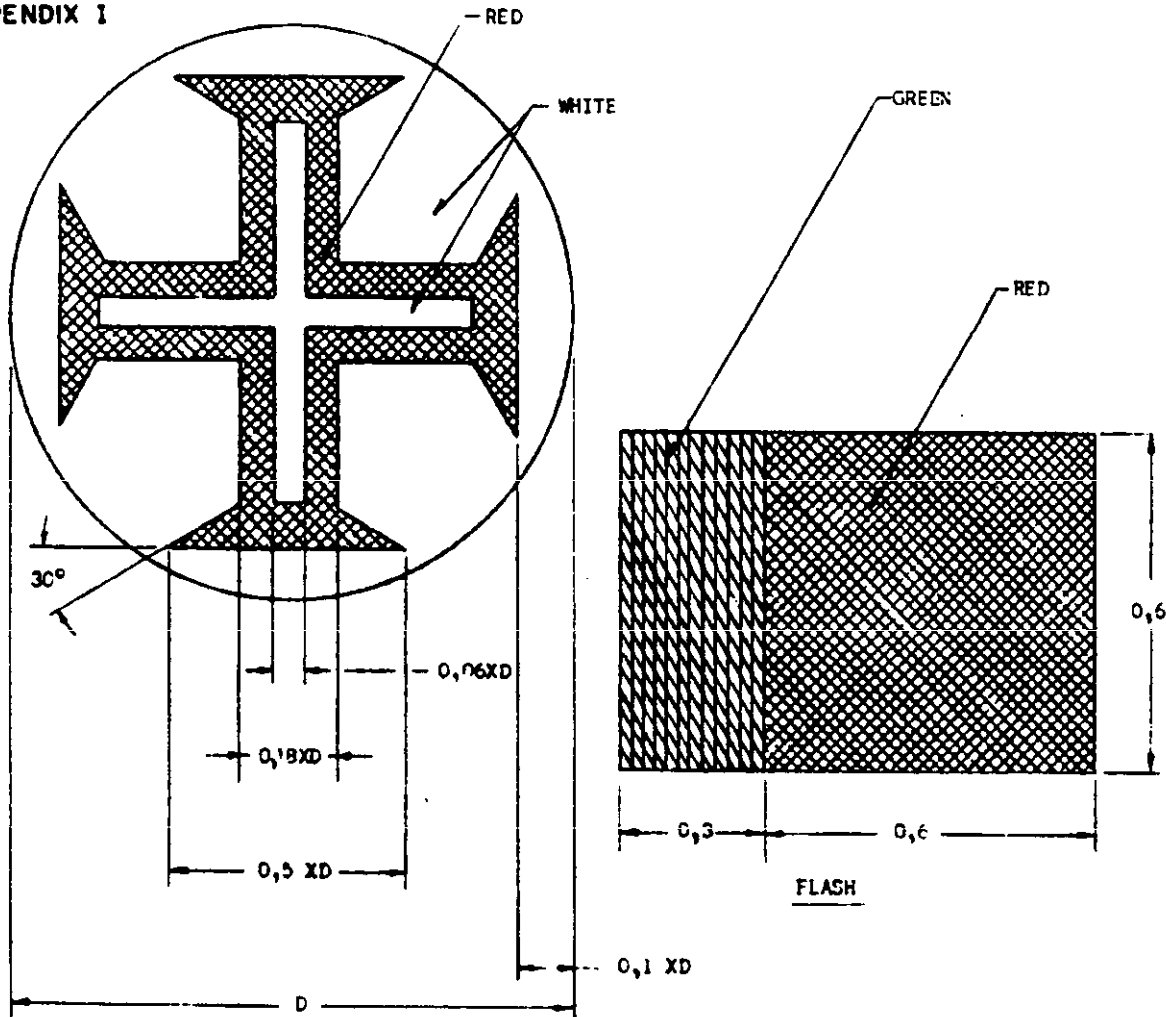
The sides of the appropriate letters and numerals; that is, B, C, G, etc., shall be made to include an angle of 30 degrees with the tops and/or bottoms, as shown in Figure 2.

The space between the letters and numerals, as calculated from Figure 2, is constant. It shall always be $1/6$ percent of the height of the letter or numeral. This distance is always measured from that point on each of the letters or numerals which is nearest the other.

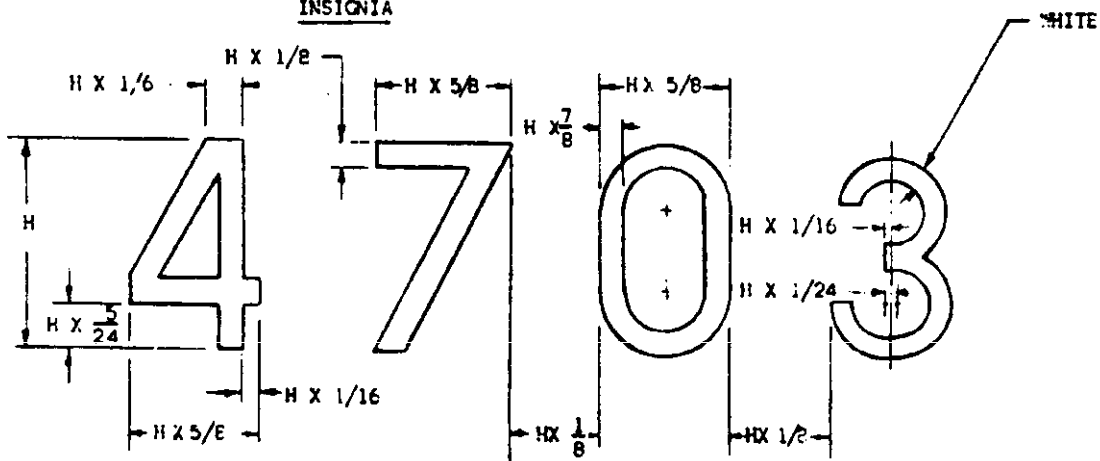
FORM OF LETTERS AND NUMERALS

FIGURE 2 (Continued)

MIL-I-18464B(AS)
APPENDIX I



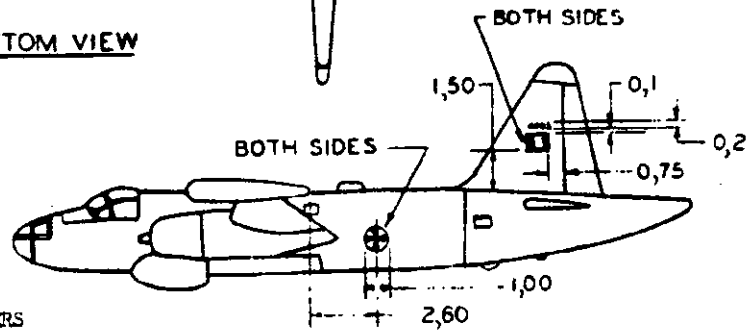
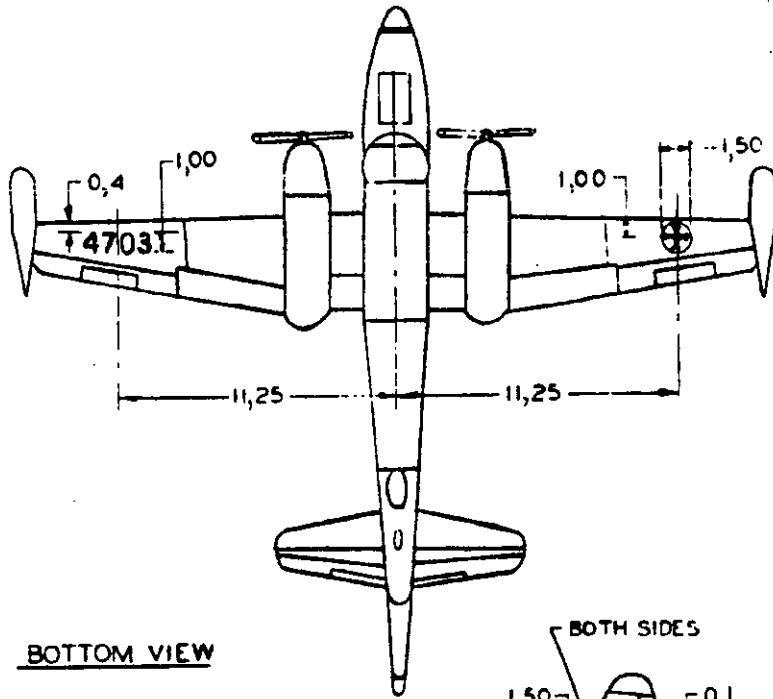
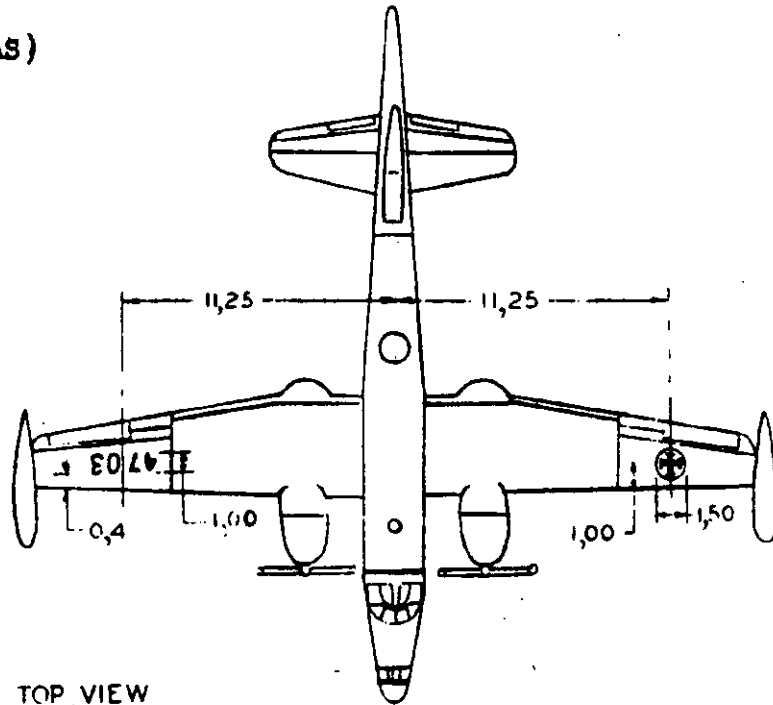
INSIGNIA



NUMERALS

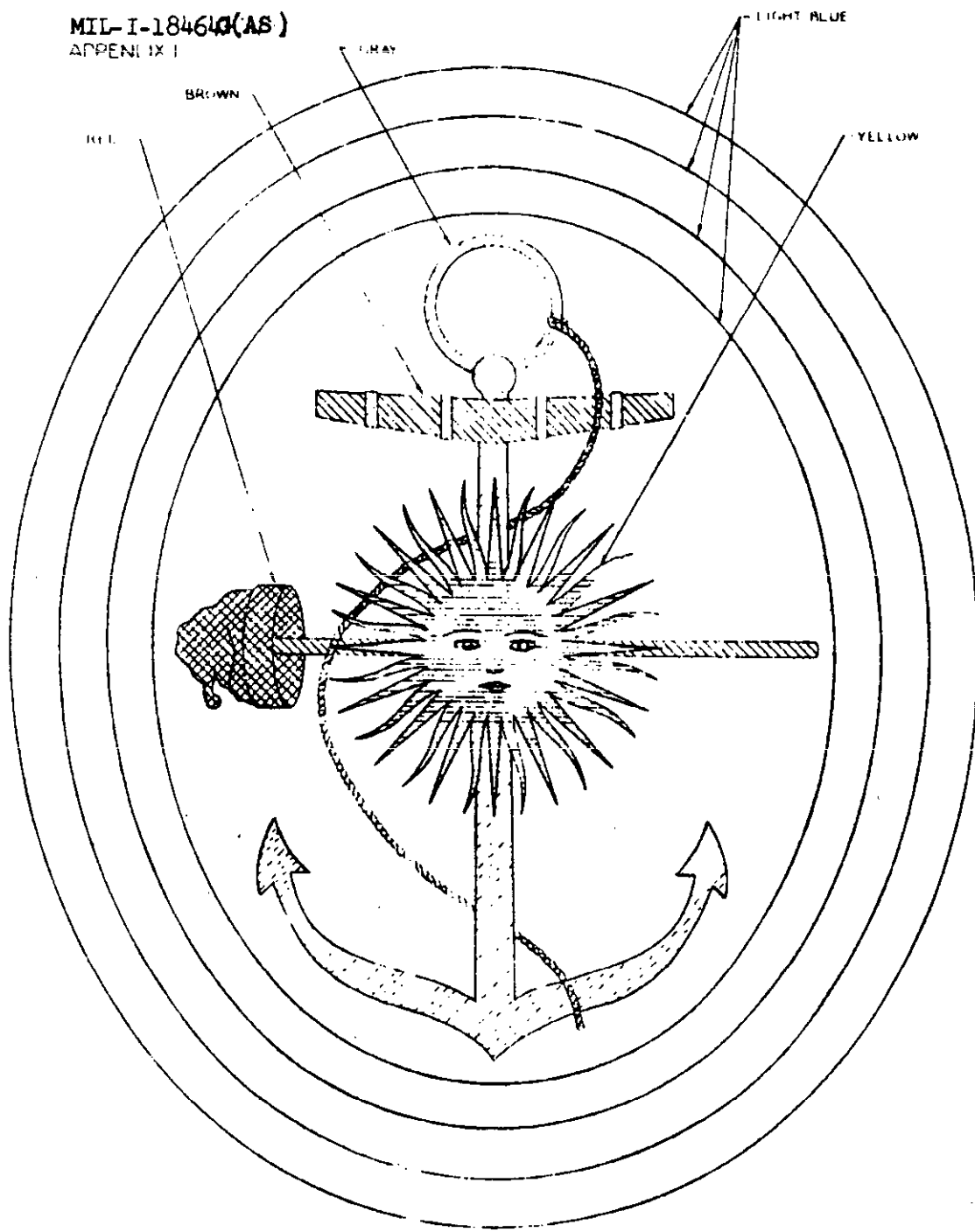
NATIONAL INSIGNIA OF PORTUGAL (FLASH AND NUMBERS)
FIGURE 3

MIL-I-18464(AS)
APPENDIX I



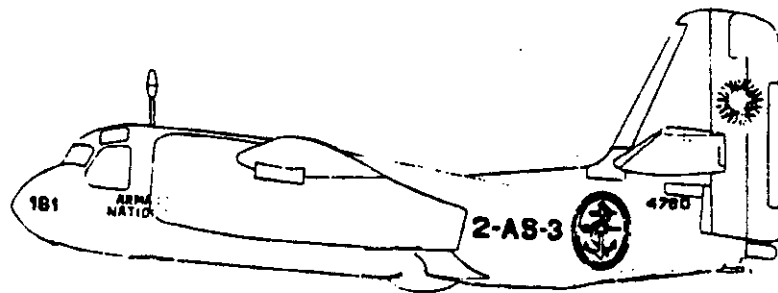
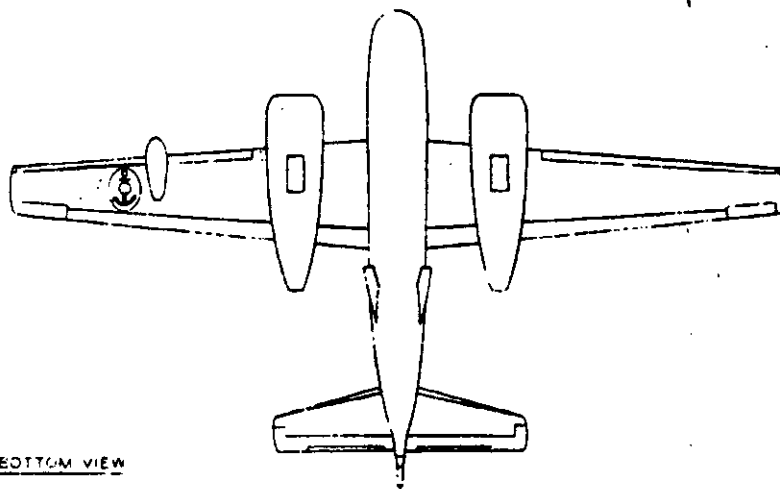
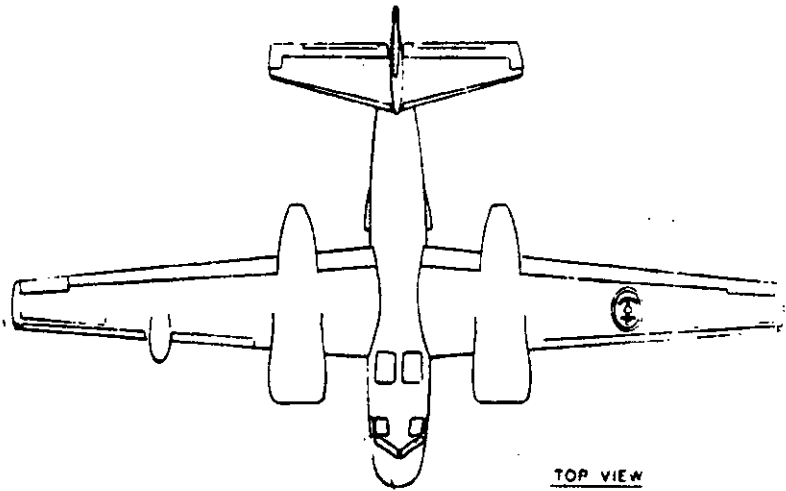
DIMENSIONS IN CENTIMETERS

EXAMPLE OF PORTUGUESE AIRCRAFT MARKINGS
FIGURE 4



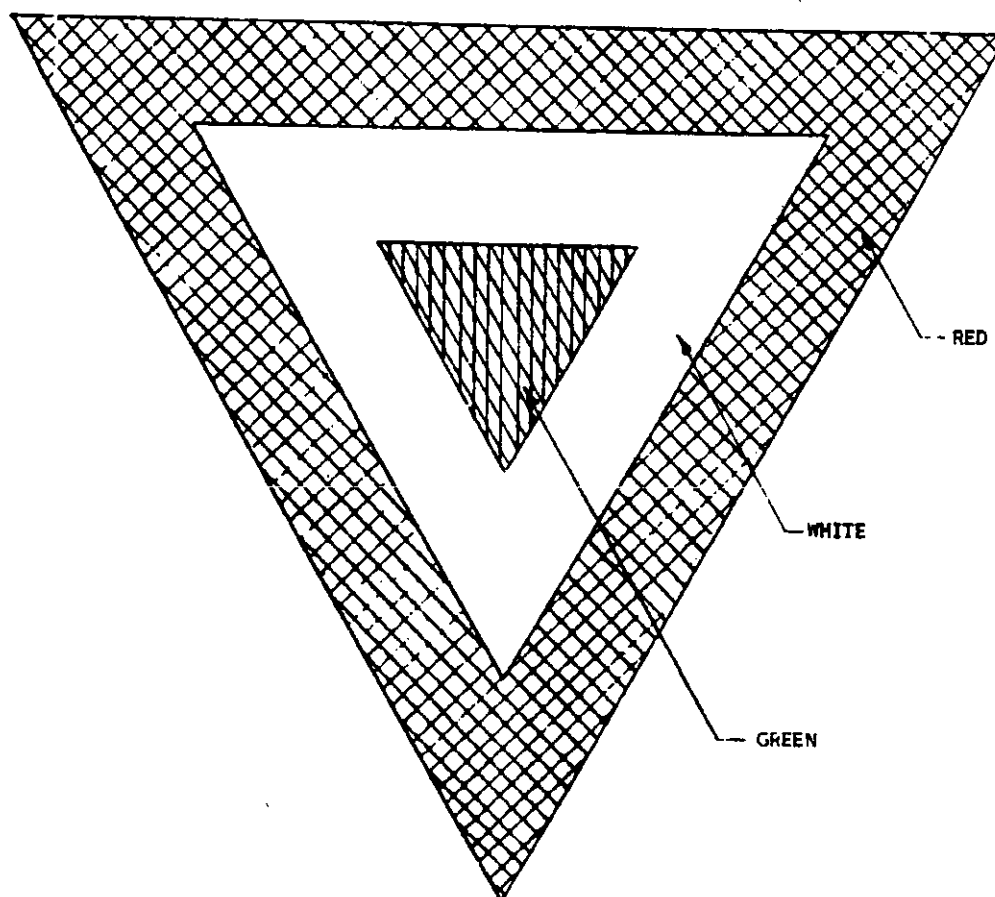
NATIONAL INSIGNIA OF ARGENTINA
FIGURE 5

MIL-I-18464G(AS)
APPENDIX I



EXAMPLE OF ARGENTINE AIRCRAFT MARKINGS
FIGURE 6

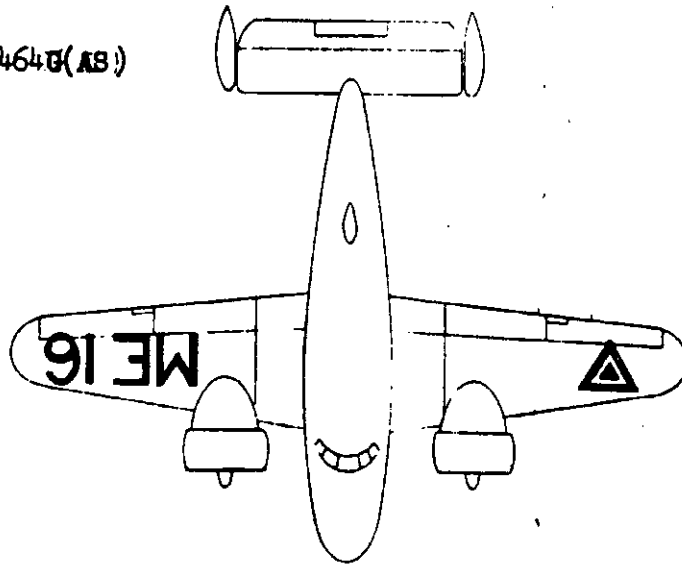
MIL-I-18464G(AS)
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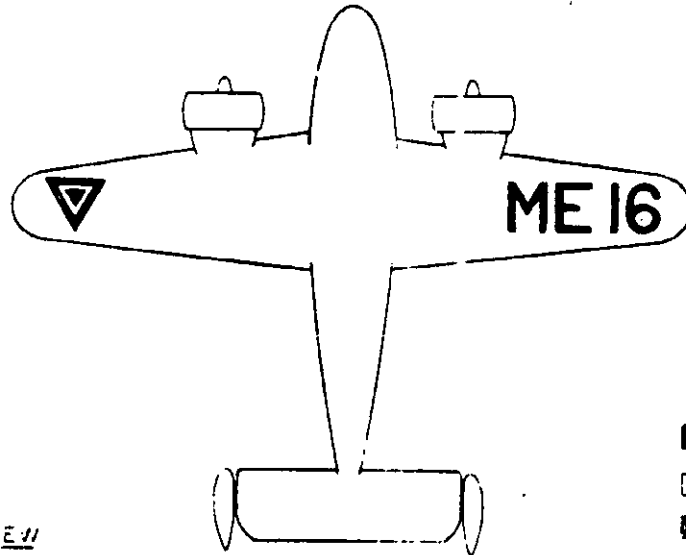
CONCENTRIC TRIANGLES

NATIONAL INSIGNIA OF MEXICO (FLASH)
FIGURE 7

MIL-I-18464G(AS)
APPENDIX I



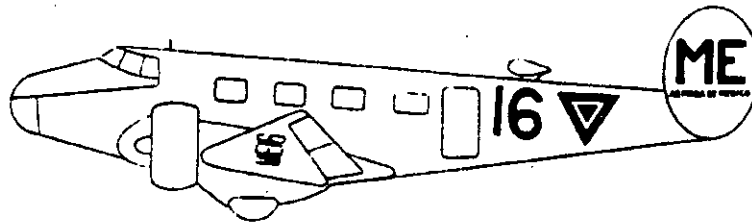
TOP VIEW



BOTTOM VIEW

- COLOR CODE
- GREEN (FED. STD. COLOR NO. 34151)
 - WHITE (FED. STD. COLOR NO. 37875)
 - RED (FED. STD. COLOR NO. 31136)

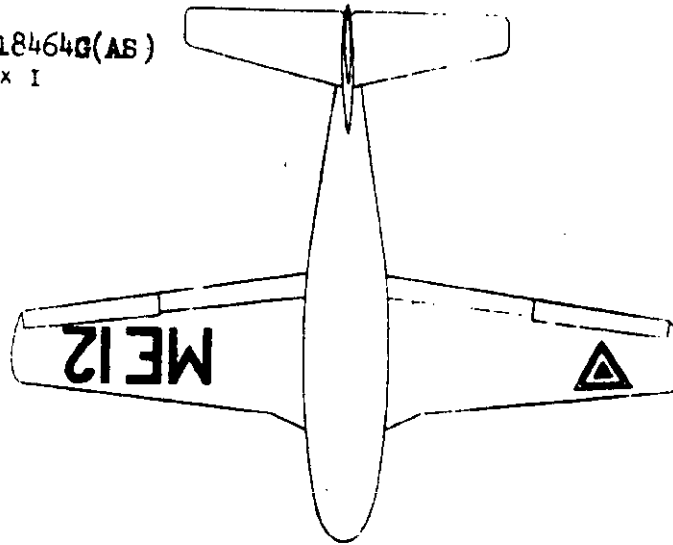
AIRCRAFT COLOR TO BE ORANGE YELLOW (FED. STD. COLOR NO. 33538)



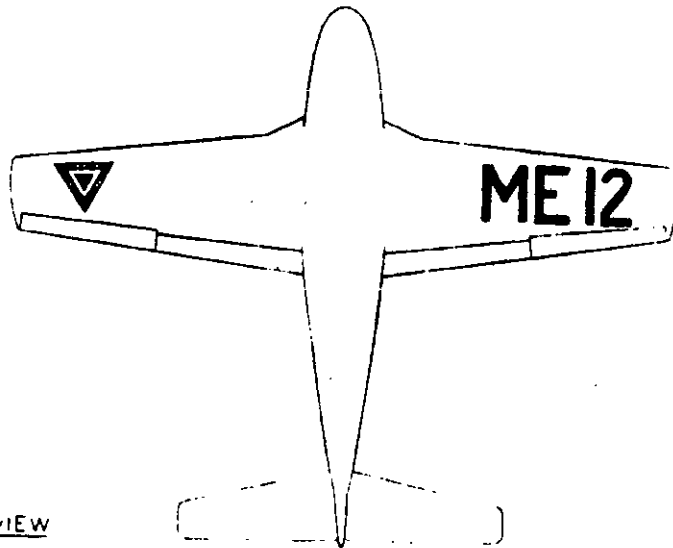
EXAMPLE OF MEXICAN AIRCRAFT MARKINGS (BEECHCRAFT)

FIGURE 8




MIL-I-18464G(AS)
APPENDIX I

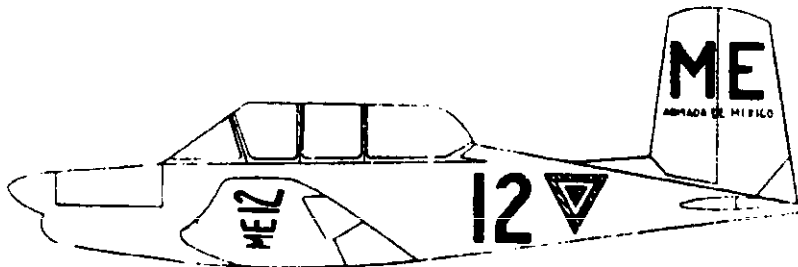


TOP VIEW



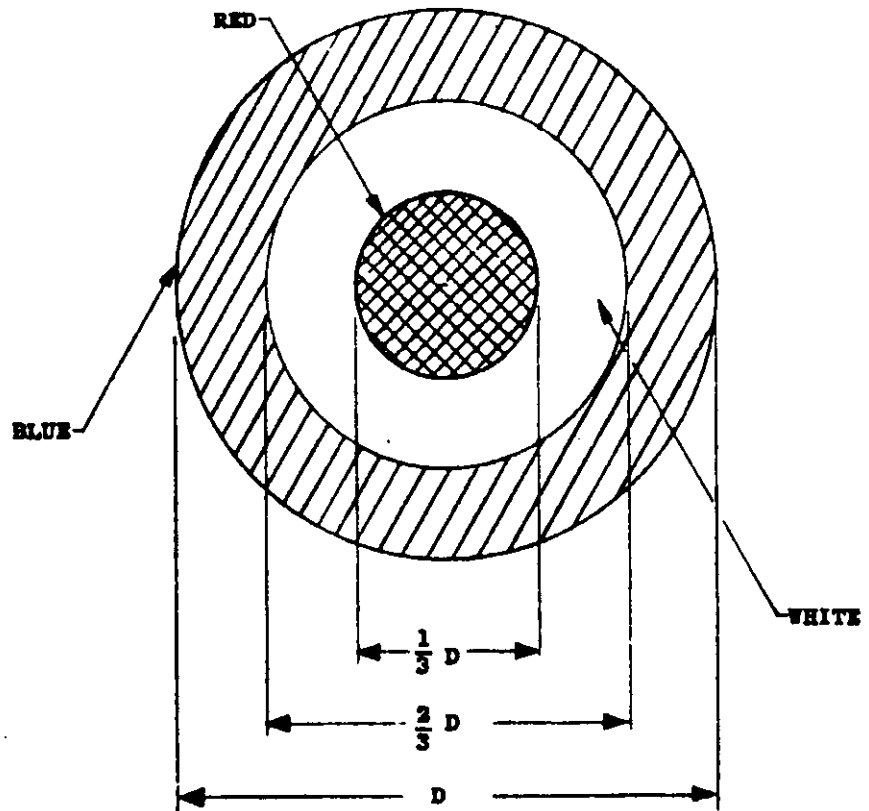
BOTTOM VIEW

- COLOR CODE**
-  GREEN (FED. STD. COLOR NO. 34151)
 -  WHITE (FED. STD. COLOR NO. 37875)
 -  RED (FED. STD. COLOR NO. 31136)
- AIRCRAFT COLOR TO BE ORANGE YELLOW (FED. STD. COLOR NO. 33538)



EXAMPLE OF MEXICAN AIRCRAFT MARKINGS (MENTOR)
FIGURE 9

MIL-I-18464B(AS)
APPENDIX I



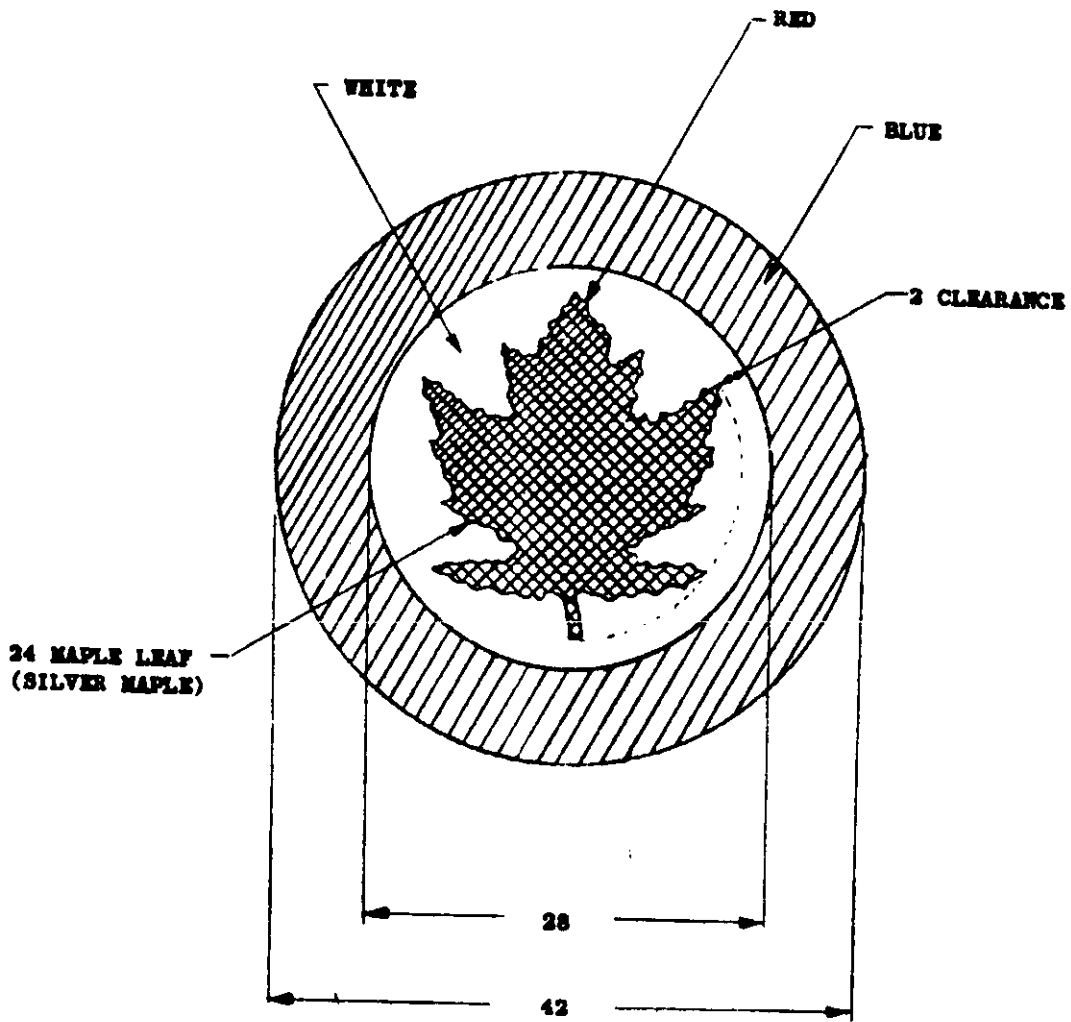
SIZE	D
SMALL	2 FT 6 IN.
MEDIUM	2 FT 8 IN.
LARGE	3 FT

DIMENSIONS IN INCHES:

NATIONAL INSIGNIA OF GREAT BRITAIN

FIGURE 10

MIL-I-18464(AS)
APPENDIX I

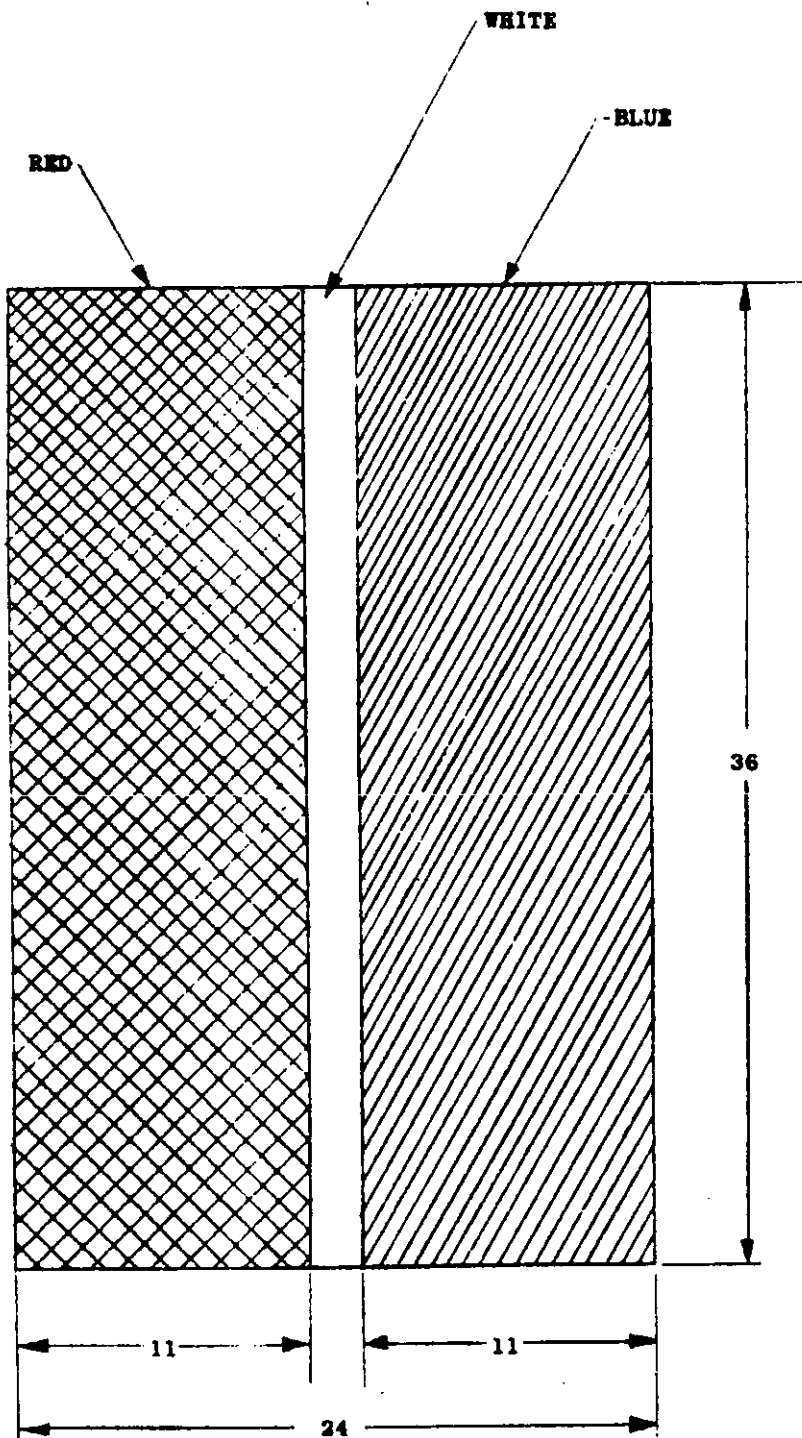


DIMENSIONS IN INCHES

NATIONAL INSIGNIA OF CANADA (ROUNDEL)
MARKING I

FIGURE 11

MIL-I-18464G(AS)
APPENDIX I

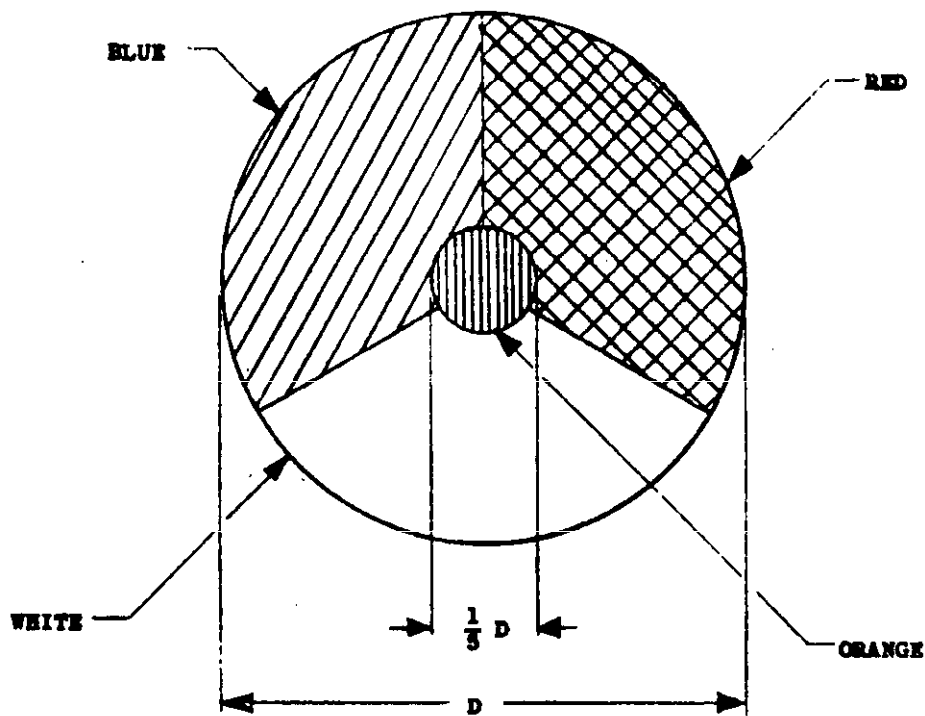


DIMENSIONS IN INCHES

NATIONAL INSIGNIA OF CANADA (FLASH)
MARKING II

FIGURE 12

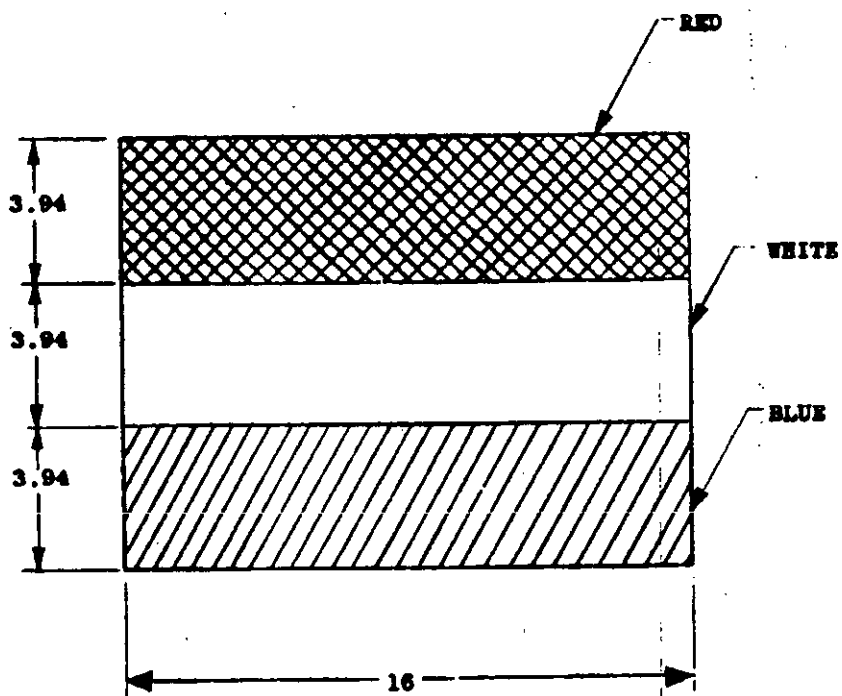
MIL-I-18464G(AS)
APPENDIX I



DIMENSIONS IN INCHES:

NATIONAL INSIGNIA OF NETHERLANDS (ROUNDEL.)
MARKING I

MIL-I-18464(A)
APPENDIX I

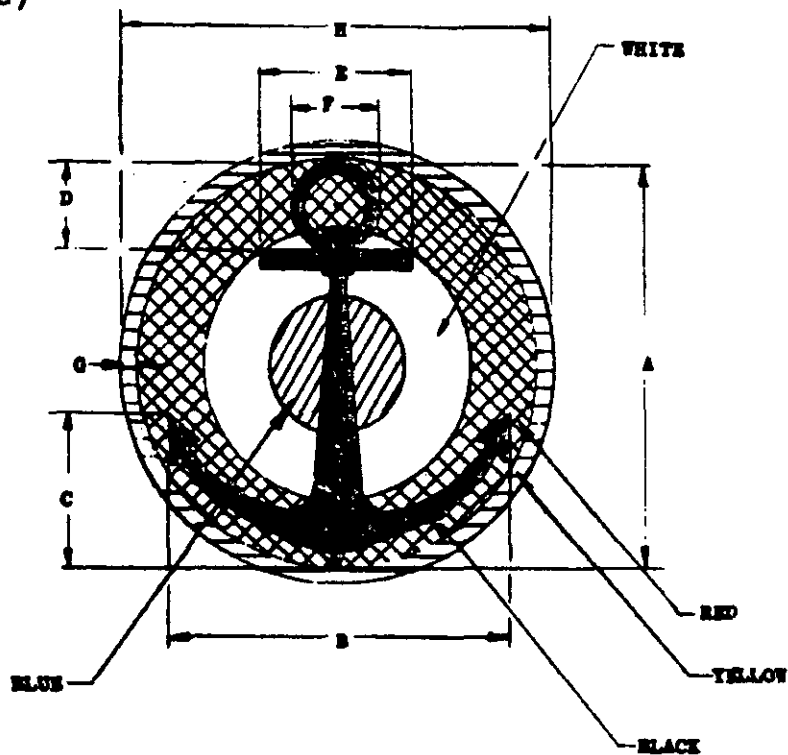


DIMENSIONS IN INCHES

NATIONAL INSIGNIA OF NETHERLANDS (FLASH)
MARKING II

FIGURE 14

MIL-I-18464G(AS)
APPENDIX I



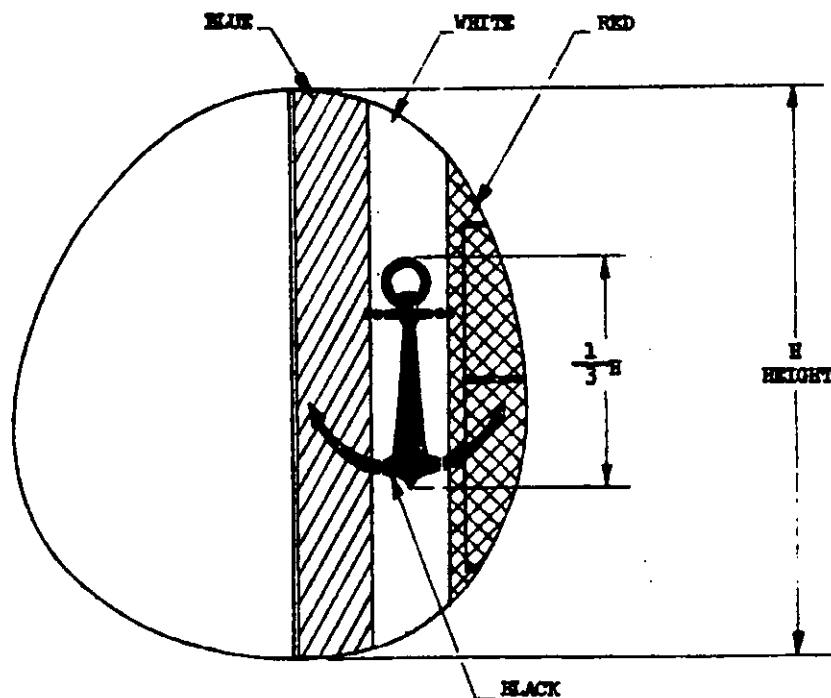
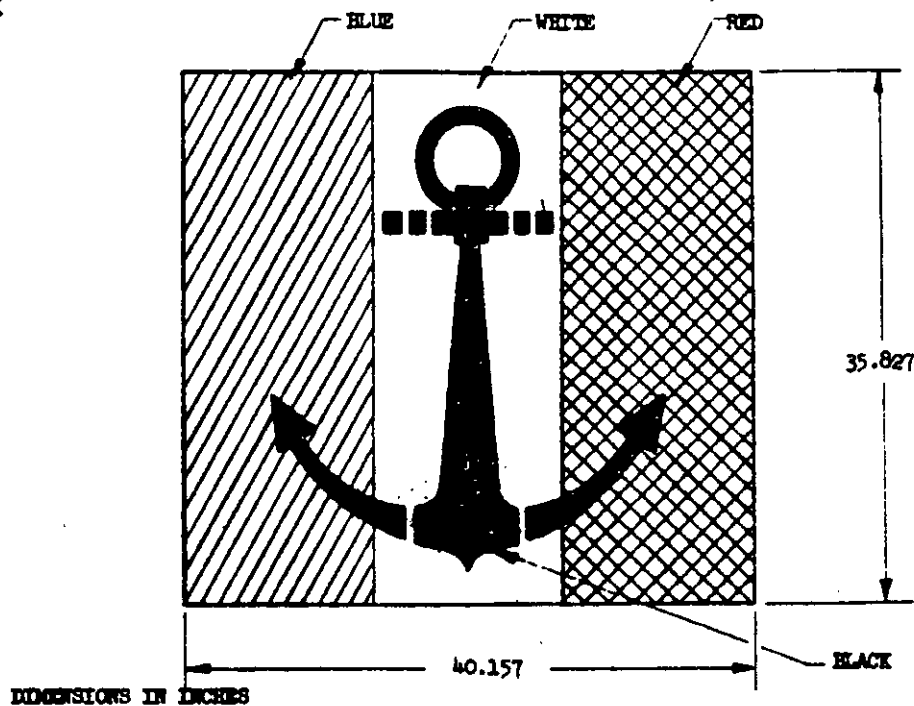
A DIA	B	C	D	E	F DIA	G	H DIA
23.623 (60 CM)	20.6692	8.8583	5.315	20.6692	4.7244	1.1811	25.9842
27.559 (70 CM)	24.0942	10.3149	6.181	24.0942	5.5118	1.1811	29.9212
31.496 (80 CM)	27.559	11.811	7.0866	27.559	6.2992	1.1811	33.8592

DIMENSIONS IN INCHES

NATIONAL INSIGNIA OF FRANCE (COCARDE)
MARKING I
ANCHOR SUPERIMPOSED WHEN PLANES ARE INTENDED FOR FRENCH NAVY

FIGURE 15

MIL-I-18464G(AS)
APPENDIX I

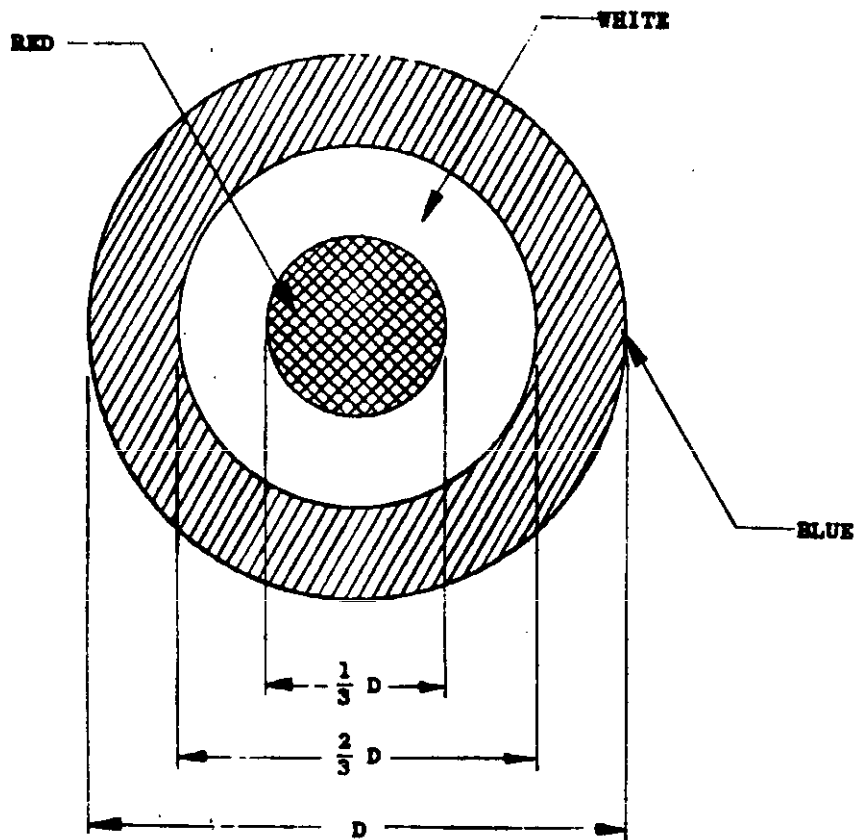


NOTE: THE ANCHOR ON THE FLASH IS THE SAME AS THAT ON THE COCARDE, FIGURE 15

NATIONAL INSIGNIA OF FRANCE (FLASH)
MARKING II

FIGURE 16

MIL-I-18464 (AS)
APPENDIX I



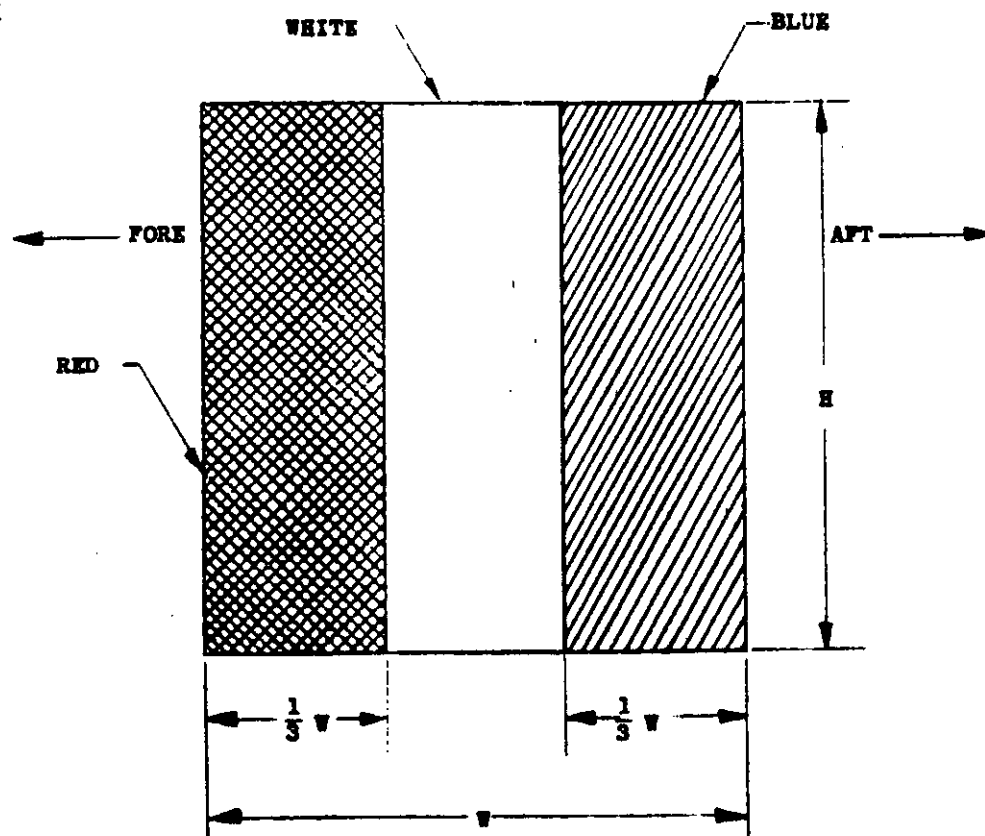
TYPE OF FUSELAGE		D
SMALL	TRAINER OR BOOM TYPE FUSELAGE	16-1/2
MEDIUM	AND FIGHTER AIRCRAFT	33
LARGE	TRANSPORT AND HEAVY BOMBERS	48

DIMENSIONS IN INCHES

NATIONAL INSIGNIA OF AUSTRALIA (ROUNDEL).
MARKING I

FIGURE 17

MIL-I-18464G(AS)
APPENDIX I



TABLE

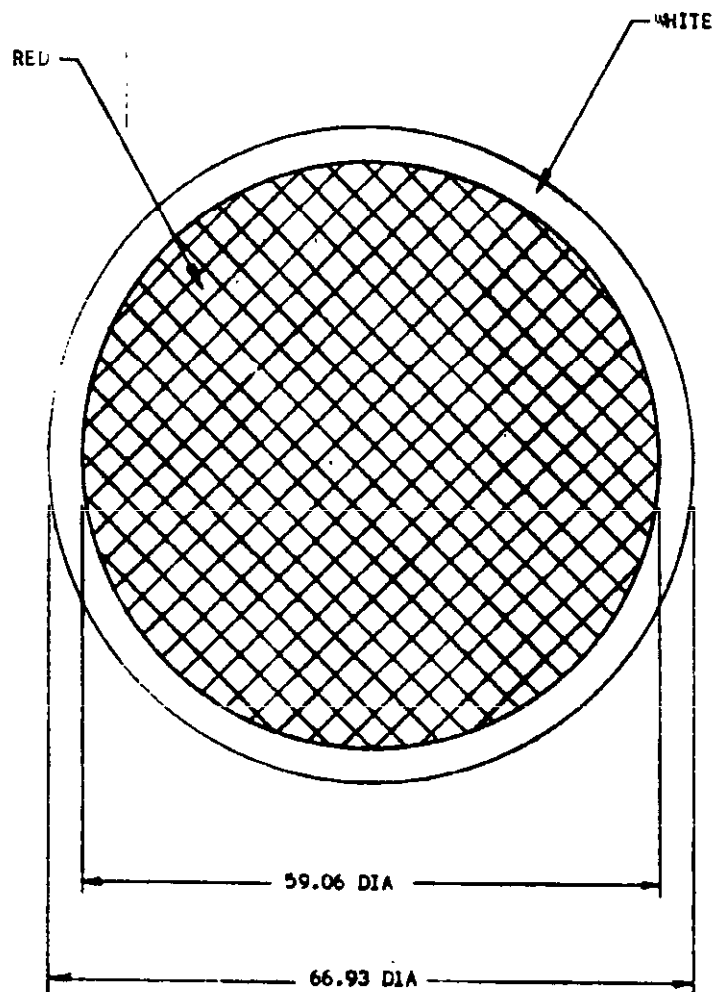
OVERALL SIZE OF TAIL FIN FLASH	H HEIGHT	W WIDTH
SMALL: TRAINING AIRCRAFT	18	18
MEDIUM: AND FIGHTER AIRCRAFT	24	22
LARGE: TRANSPORT HEAVY BOMBER	24	34

DIMENSIONS IN INCHES

NATIONAL INSIGNIA OF AUSTRALIA (FLASH)
MARKING II

FIGURE 18

MIL-I-18464 (AS)
APPENDIX I



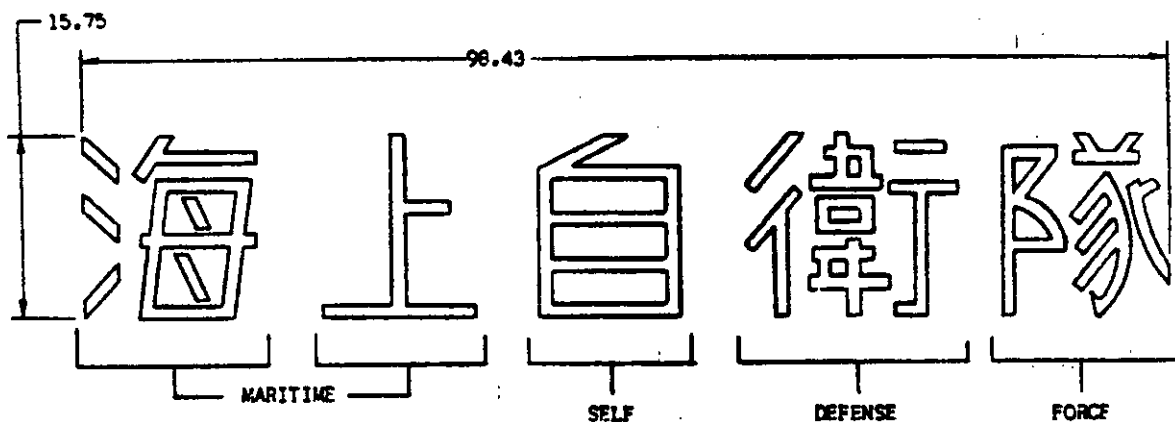
DIMENSIONS IN INCHES.

DIMENSIONS SHOWN ARE FOR P2V AIRPLANE.

FOR LARGER OR SMALLER AIRCRAFT, MARKINGS SHALL BE PROPORTIONATELY LARGER OR SMALLER AS APPLICABLE.

NATIONAL INSIGNIA OF JAPAN (ROUNDEL)
FIGURE 19

MIL-I-18461C(AB)
APPENDIX I



DIMENSIONS IN INCHES.

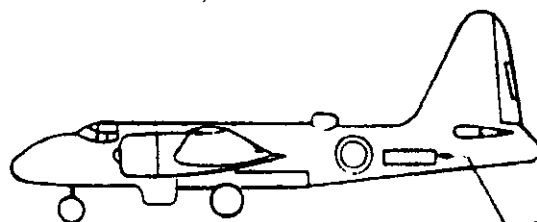
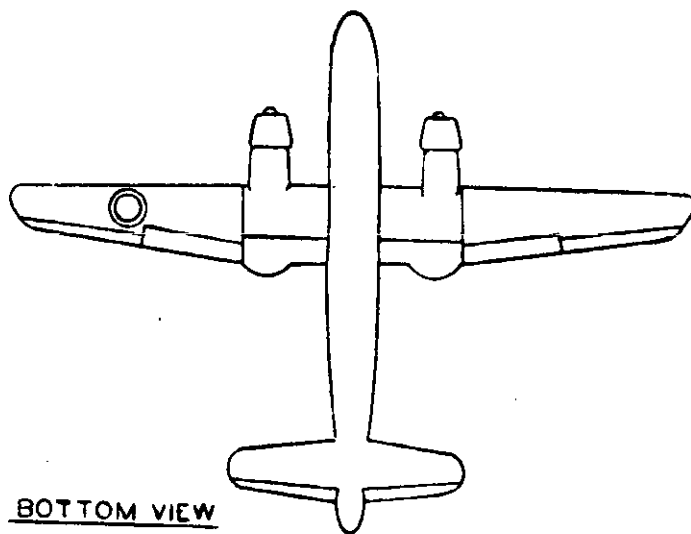
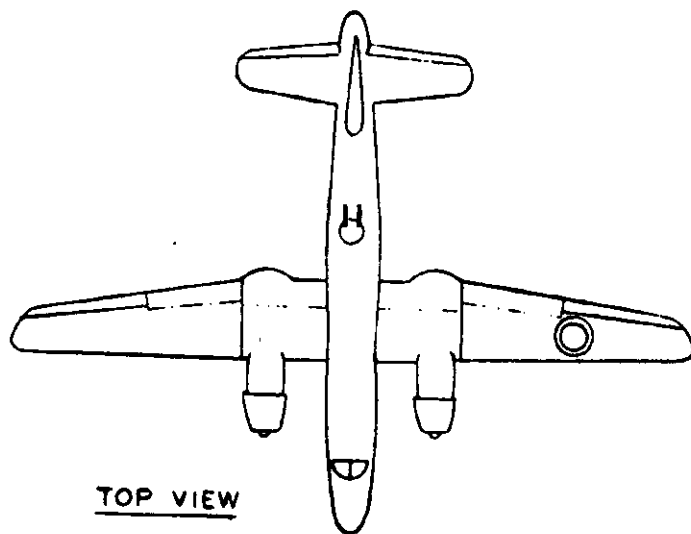
DIMENSIONS SHOWN ARE FOR P2V AIRPLANE.

FOR LARGER OR SMALLER AIRCRAFT, MARKINGS SHALL BE PROPORTIONATELY LARGER OR SMALLER AS APPLICABLE.

NATIONAL INSIGNIA OF JAPAN (KANJI CHARACTERS)

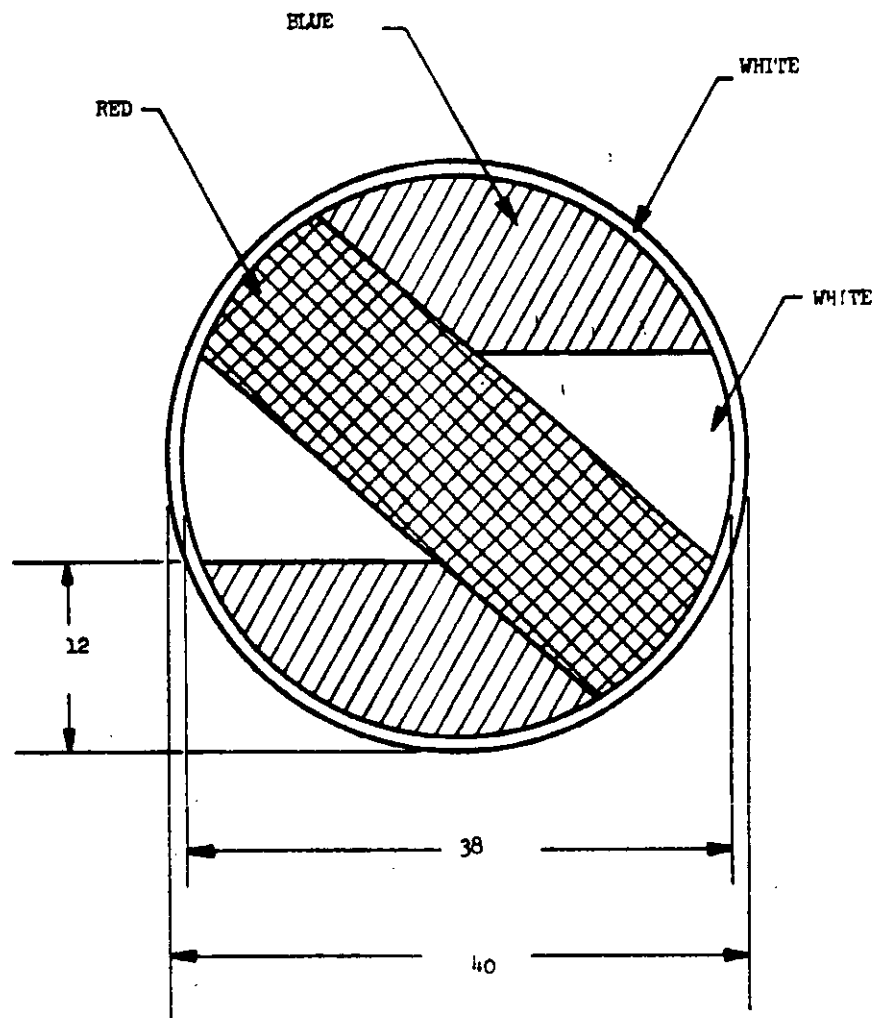
FIGURE 20

MIL-I-18464G(AS)
APPENDIX I



EXAMPLE OF JAPANESE AIRCRAFT MARKINGS
FIGURE 21

MIL-I-18464G(AS)
APPENDIX I



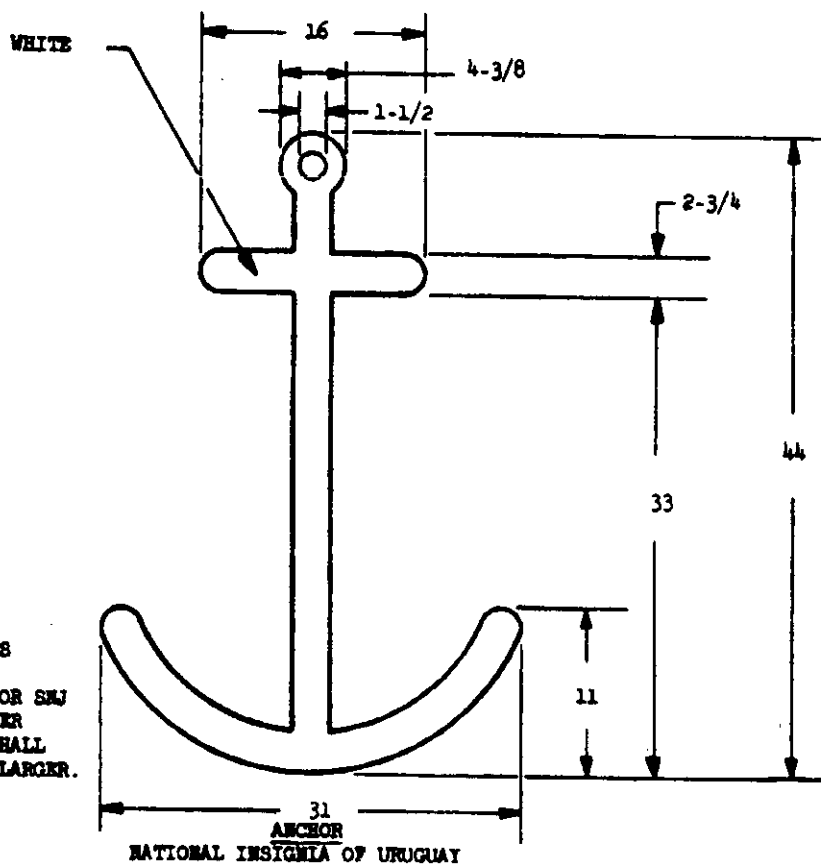
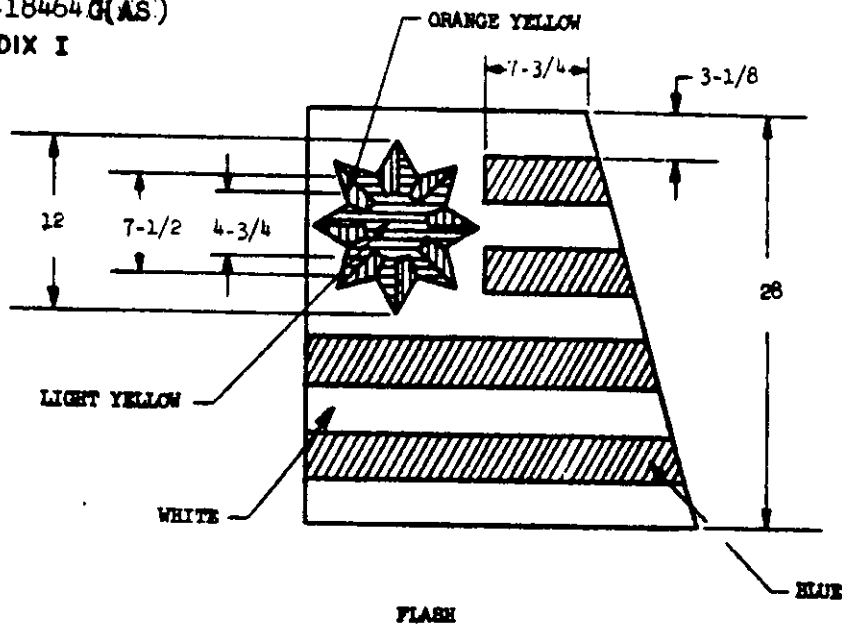
DIMENSIONS IN INCHES

INSIGNIA SHOWN IS FOR SNJ AIRPLANE. FOR LARGER AIRCRAFT, INSIGNIA SHALL BE PROPORTIONATELY LARGER.

NATIONAL INSIGNIA OF URUGUAY (ROUNDEL)

FIGURE 22

MIL-I-18464G(AS)
APPENDIX I

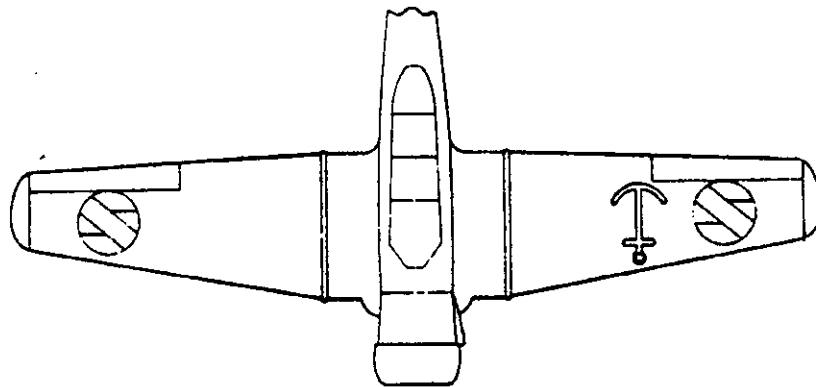


DIMENSIONS IN INCHES

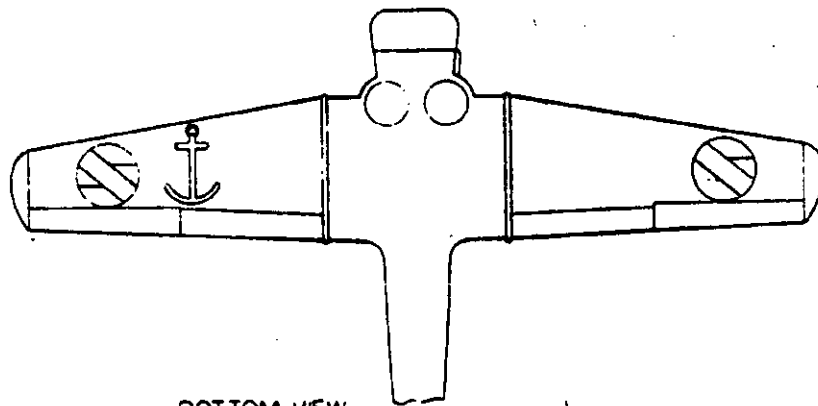
INSIGNIA SHOWN IS FOR SMJ AIRPLANE. FOR LARGER AIRCRAFT INSIGNIA SHALL BE PROPORTIONATELY LARGER.

FIGURE 23

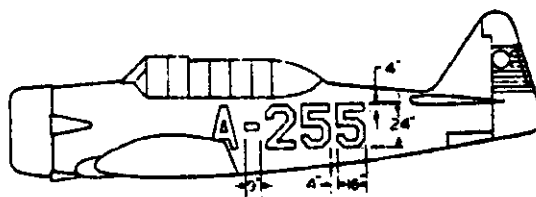
MIL-I-18464(AB)
APPENDIX I



TOP VIEW



BOTTOM VIEW

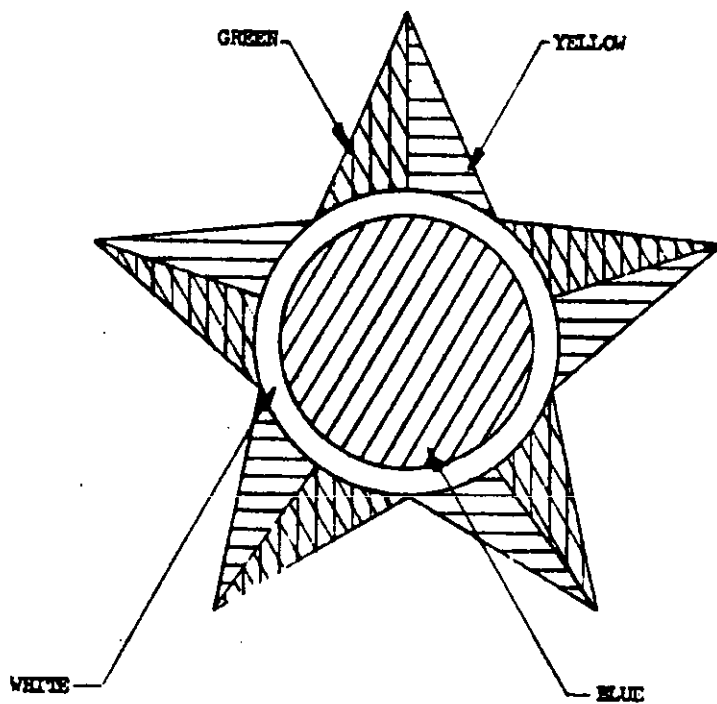


DIMENSIONS SHOWN ARE FOR SNJ AIRPLANE.
FOR LARGER AIRCRAFT MARKINGS SHALL
BE PROPORTIONATELY LARGER.

EXAMPLE OF URUGUAYAN AIRCRAFT MARKINGS

FIGURE 24

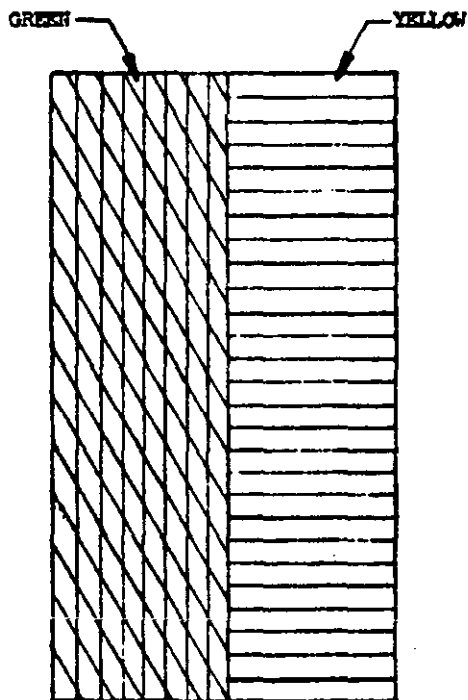
MIL-I-18464B(AS)
APPENDIX I



NATIONAL INSIGNIA OF BRAZIL (STAR)
MARKING I

FIGURE 25

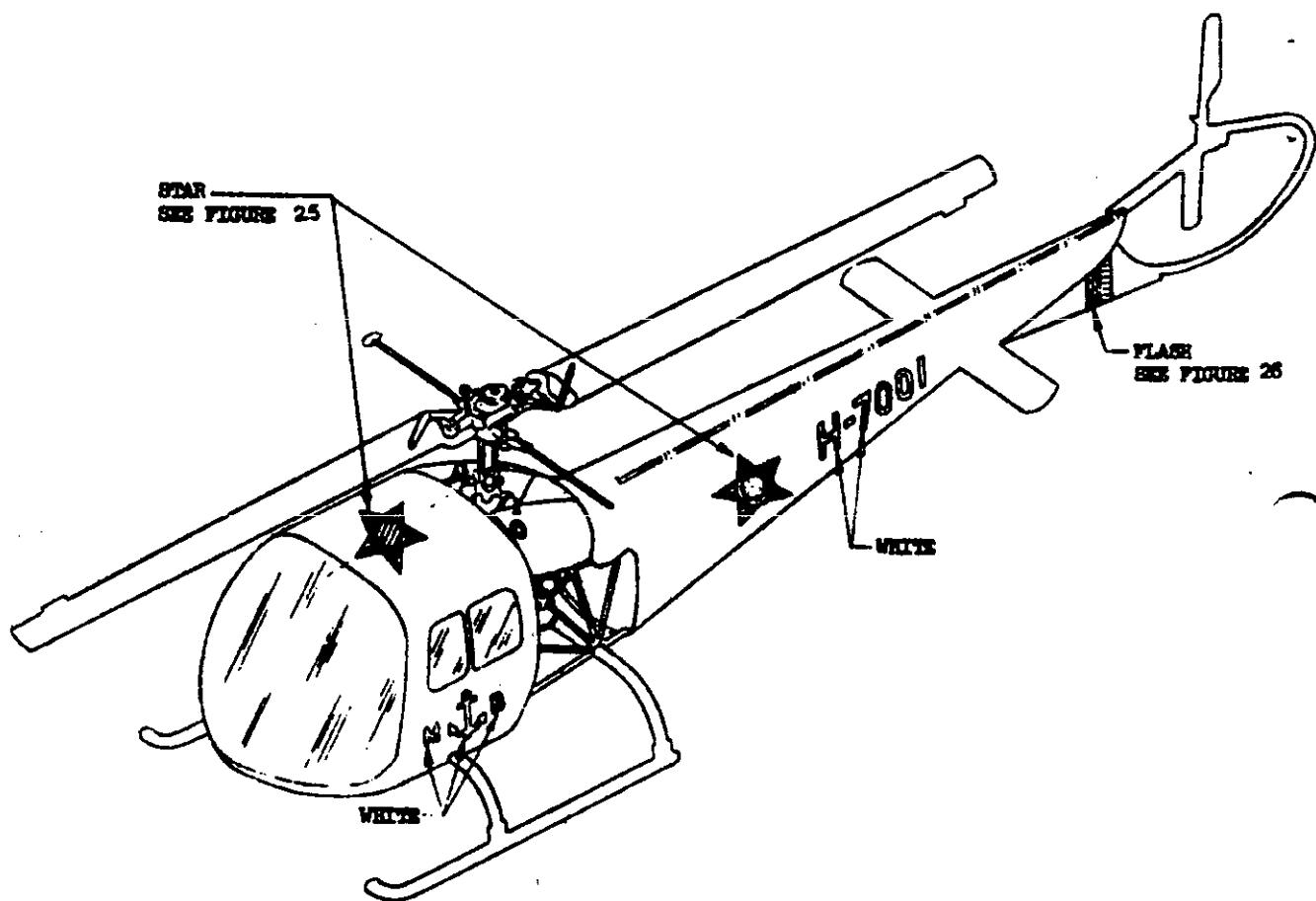
MIL-I-18464G(AS)
APPENDIX I



NATIONAL INSIGNIA OF BRAZIL (FLASH)
MARKING II

FIGURE 26

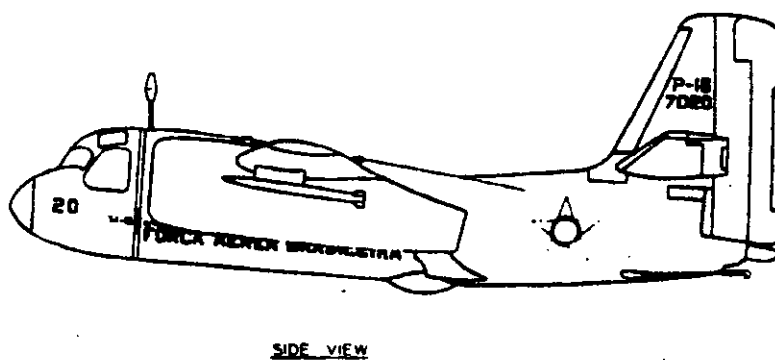
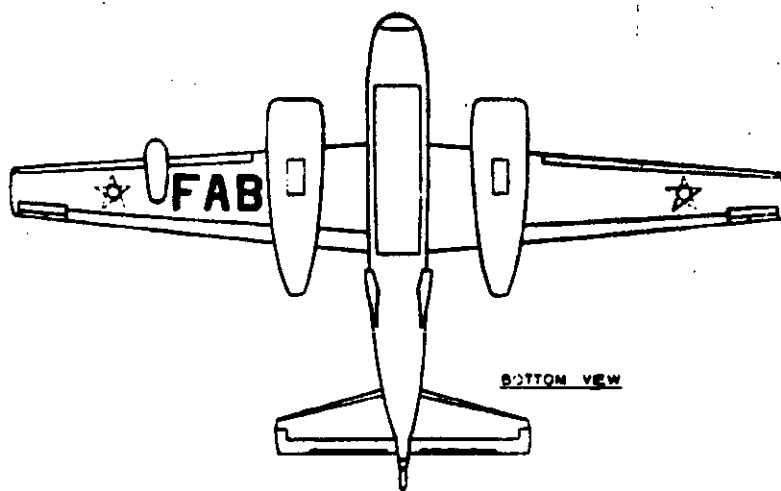
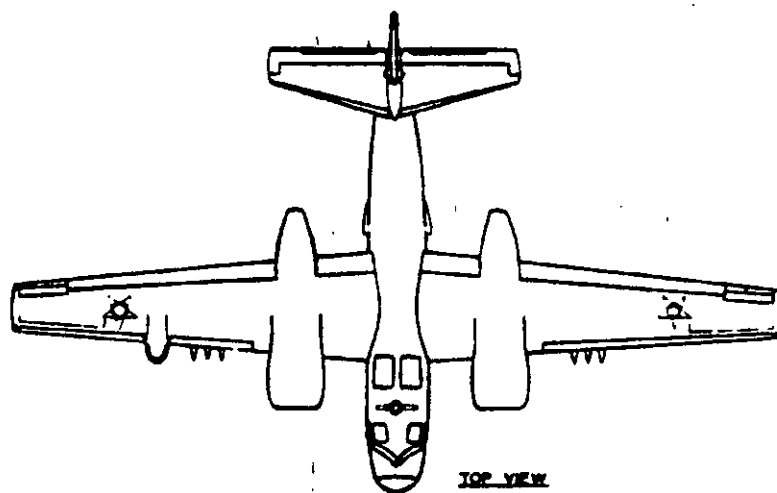
MIL-I-18464B(MS)
APPENDIX I



NATIONAL INSIGNIA AND MARKINGS OF BRAZILIAN NAVY AIRCRAFT

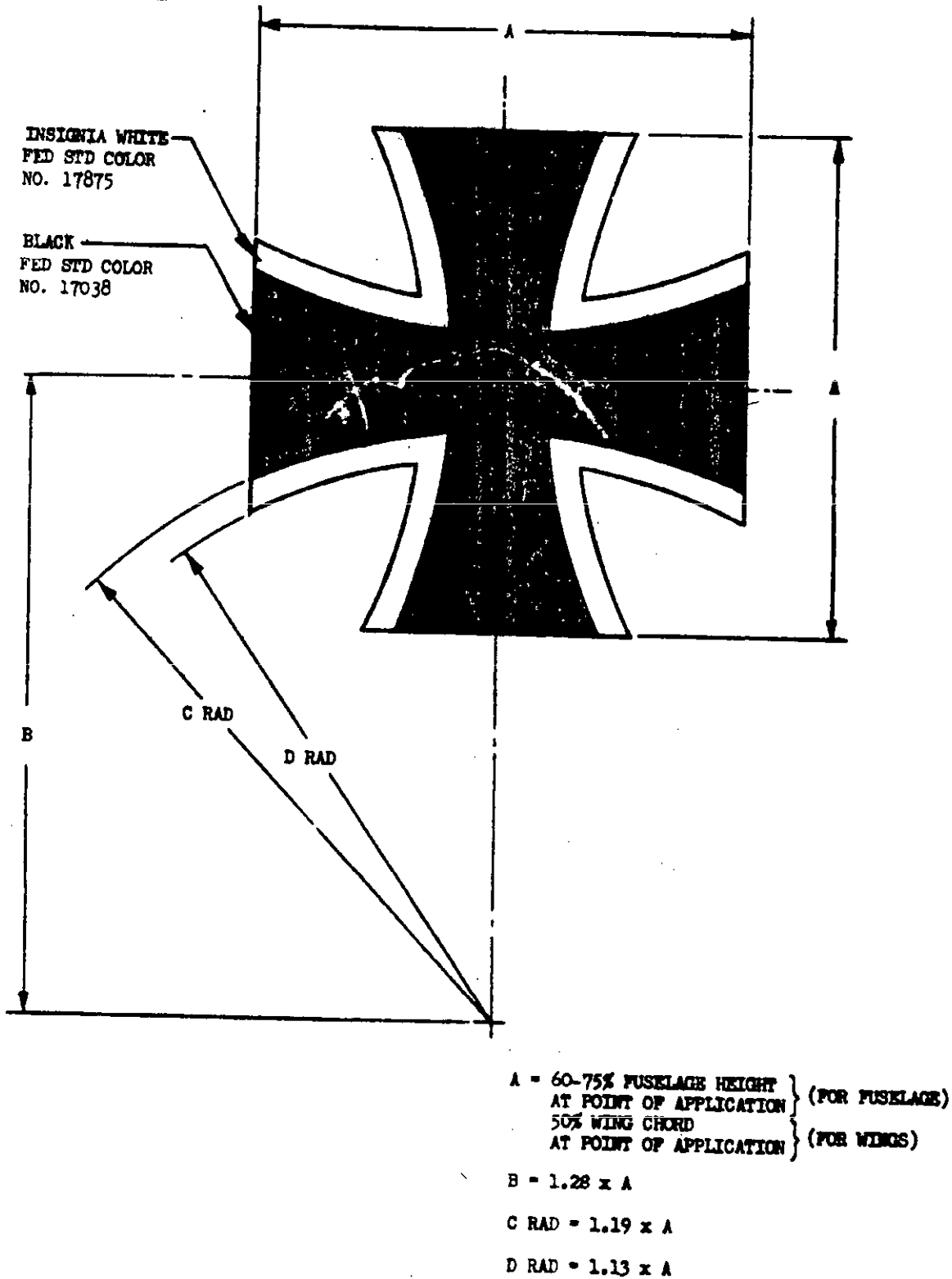
FIGURE 27

MIL-I-18464(AS)
APPENDIX I



EXAMPLE OF BRAZILIAN AIRCRAFT MARKINGS
FIGURE 28

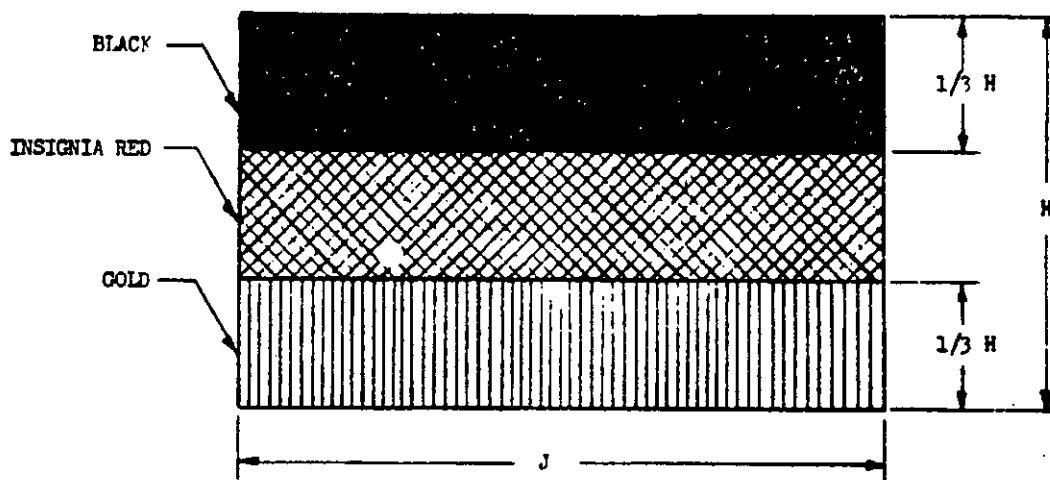
MIL-I-18464G(AB)
APPENDIX I



CROSS
MARKING I

NATIONAL INSIGNIA OF FEDERAL REPUBLIC OF GERMANY
FIGURE 29

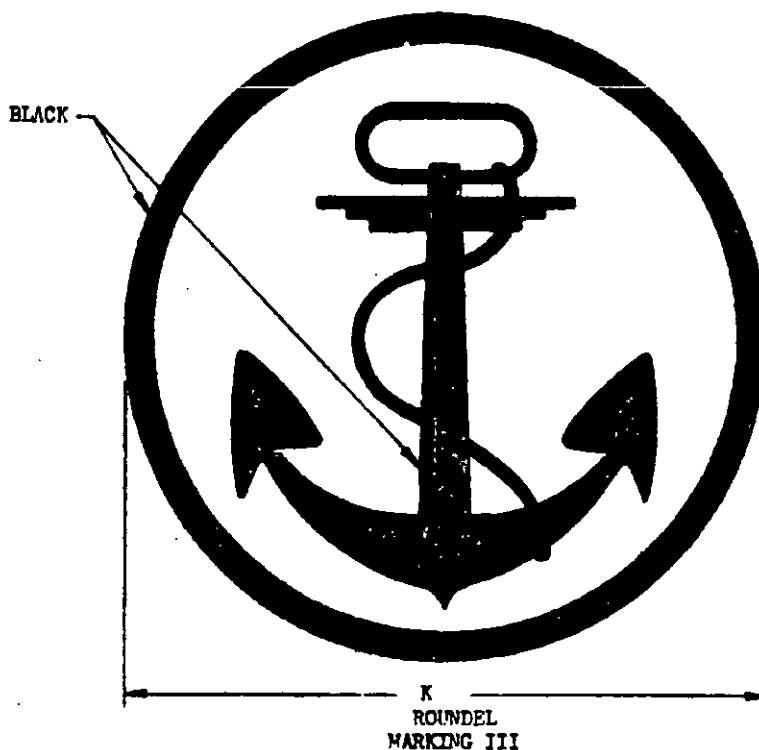
MIL-I-18464G(AS)
APPENDIX I



FLASH
MARKING II

$H = 1/3$ HEIGHT OF FUSELAGE CROSS
 $J = 1-1/2 \times H$

$K = 1/2$ WIDTH OF FUSELAGE CROSS
(SEE FIGURE 29)

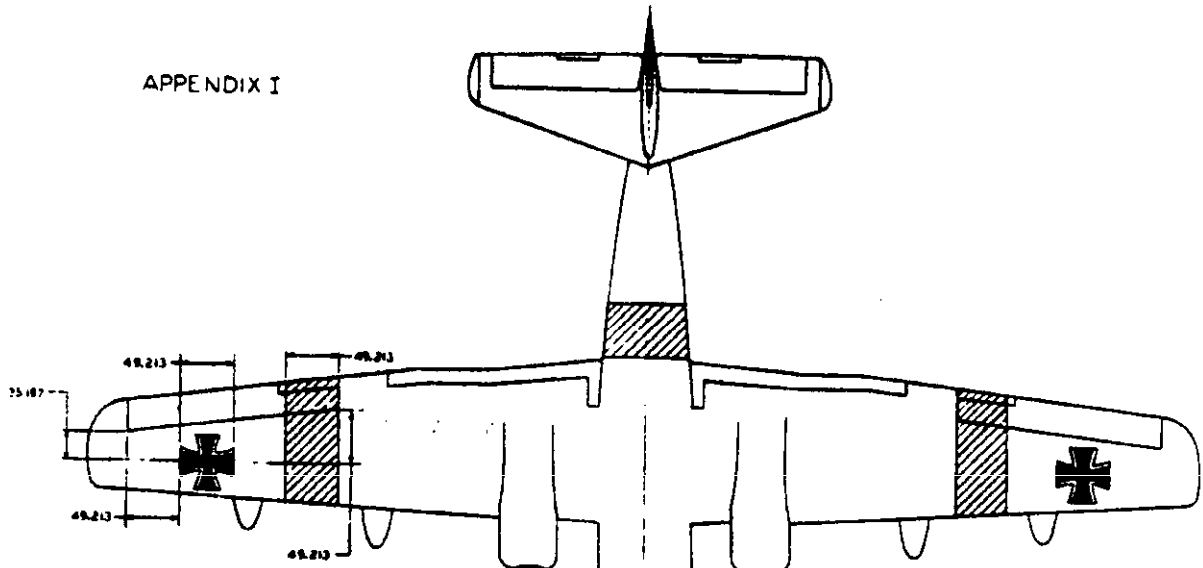


K
ROUNDEL
MARKING III

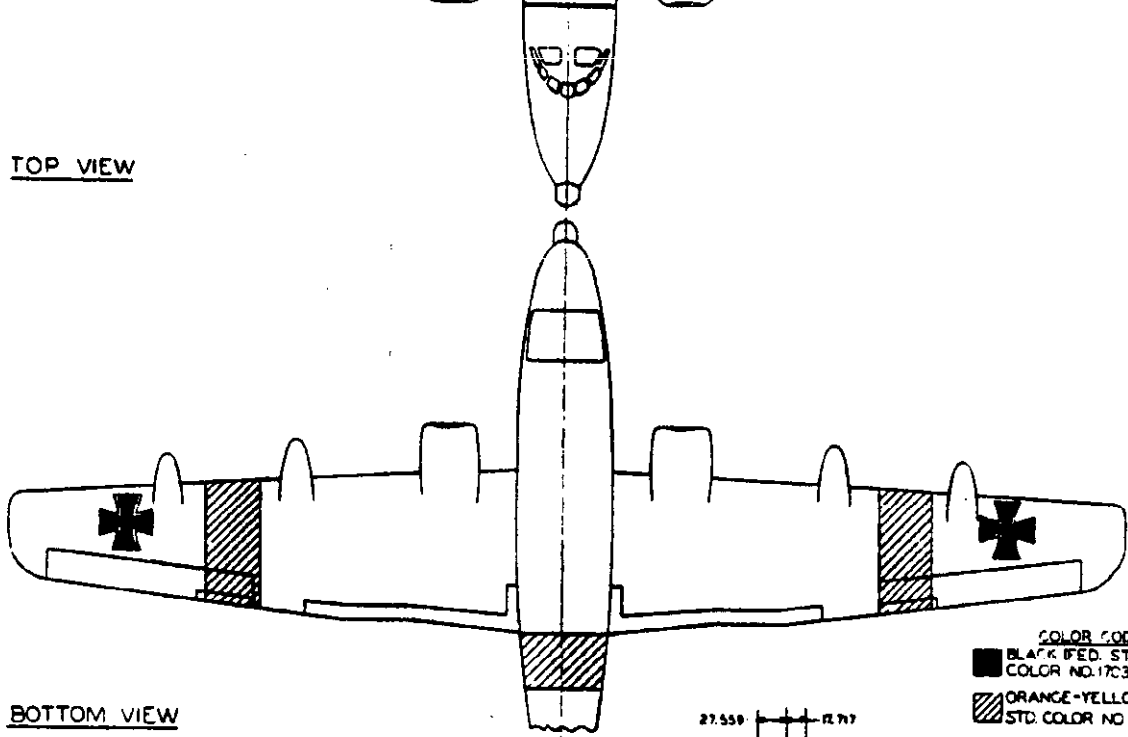
NATIONAL INSIGNIA OF FEDERAL REPUBLIC OF GERMANY
FIGURE 30

MIL-I-18464(AS)

APPENDIX I



TOP VIEW



BOTTOM VIEW

- COLOR CODE
- BLACK (FED. STD. COLOR NO. 17038)
 - ▨ ORANGE-YELLOW (FED. STD. COLOR NO. 13528)
 - INSIGNIA RED (FED. STD. COLOR NO. 11136)
 - GOLD
 - ▨ ORANGE-YELLOW TINTED SLIGHTLY DARKER
- EDGE FOR CROSS TO BE INSIGNIA WHITE (FED. STD. COLOR NO. 17875)
- AIRCRAFT COLOR TO BE GLOSSY SEA BLUE (FED. STD. COLOR NO. 15442)

FLASH (BOTH SIDES) SEE FIGURE 30
BLACK NUMERALS AND LETTERS (BOTH SIDES)

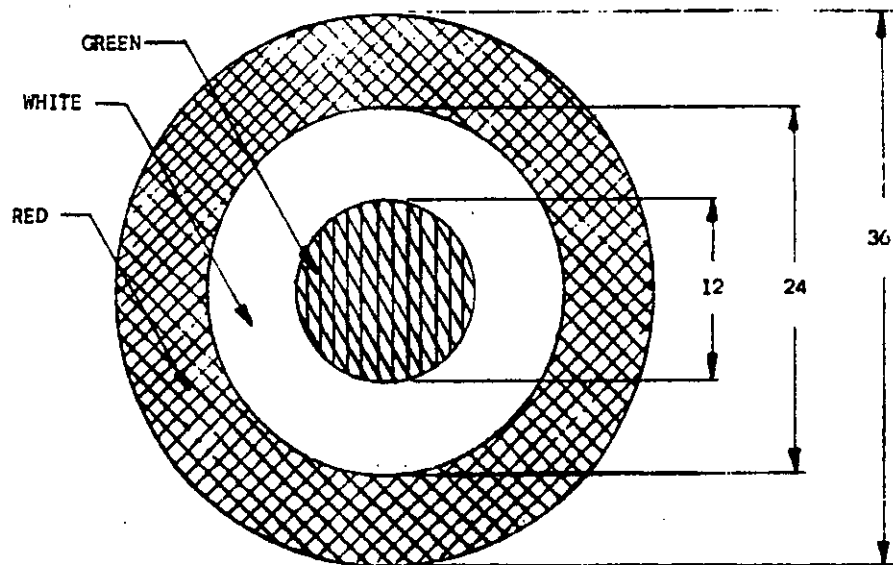
SC 101 THRU SC 105
NUMERALS AND LETTERS (BOTH SIDES)

PORT HOLE
FUSELAGE CROSS (BOTH SIDES) SEE FIGURE 29

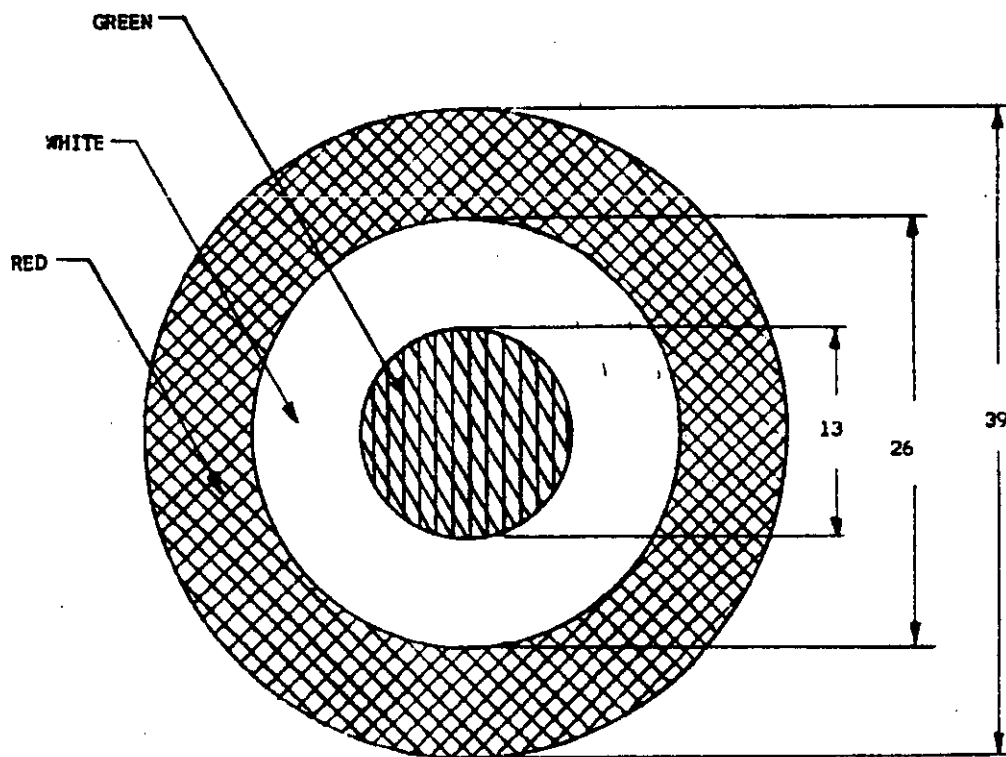
EXAMPLE OF FEDERAL REPUBLIC OF GERMANY AIRCRAFT MARKING

FIGURE 31

MIL-I-18464G(AS)
APPENDIX I



INSIGNIA A



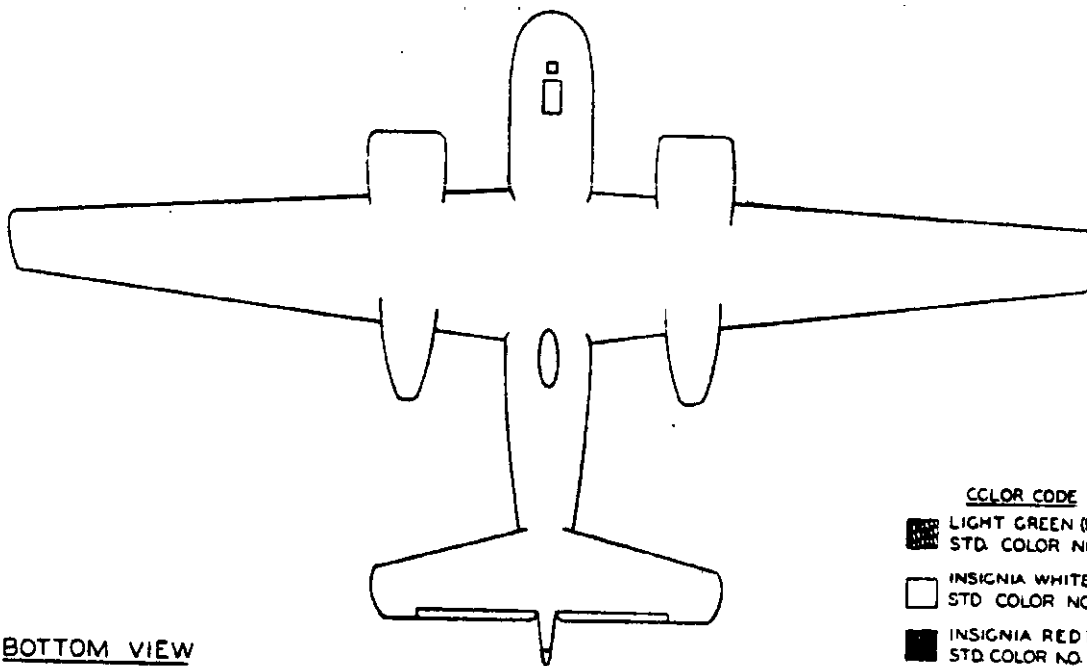
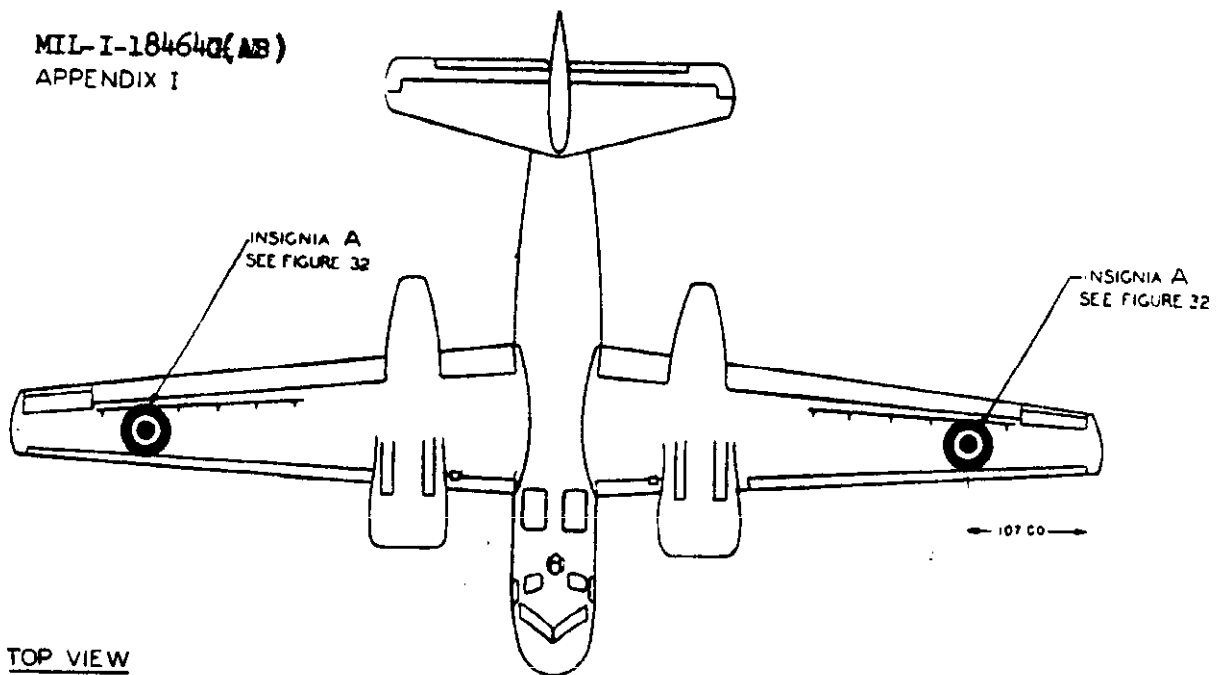
INSIGNIA B

DIMENSIONS IN INCHES

NATIONAL INSIGNIA OF ITALY (COCARDE)

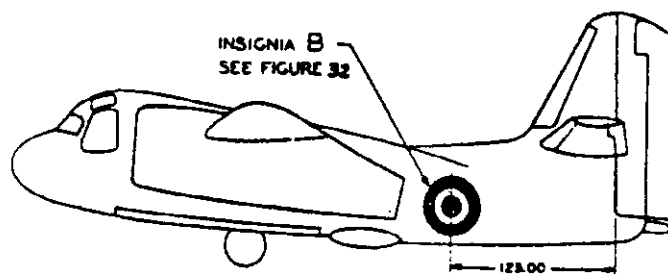
FIGURE 32

MIL-I-184640(AS)
APPENDIX I



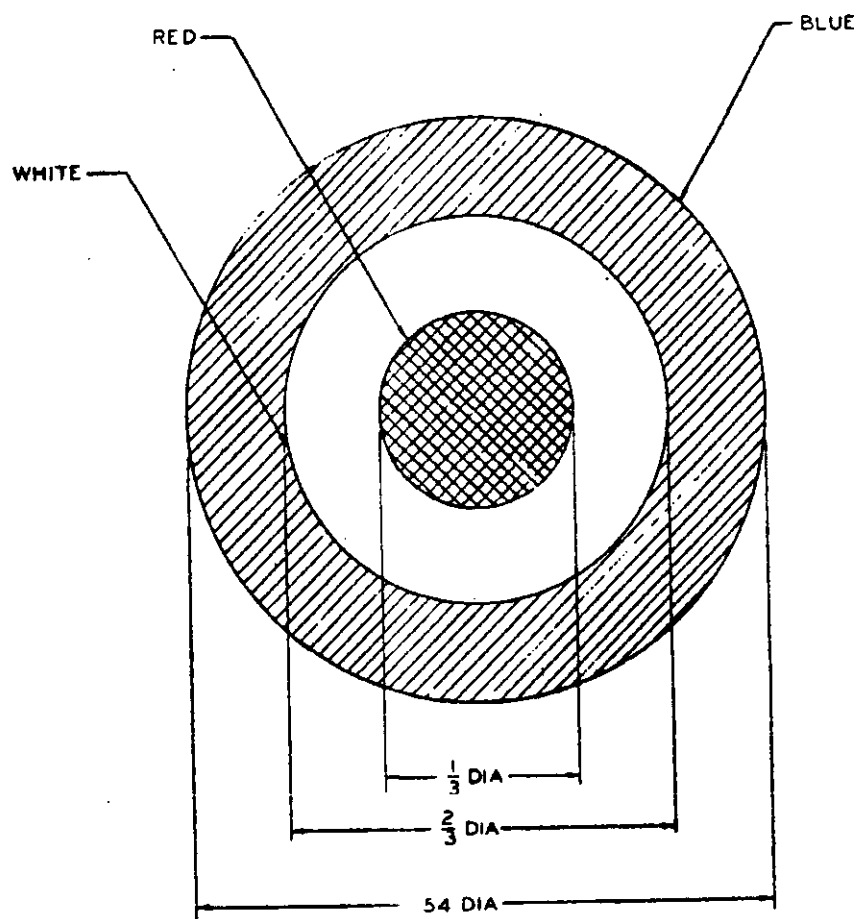
BOTTOM VIEW

- COLOR CODE
- LIGHT GREEN (FED. STD. COLOR NO. 14187)
 - INSIGNIA WHITE (FED. STD. COLOR NO. 17875)
 - INSIGNIA RED (FED. STD. COLOR NO. 11136)



EXAMPLE OF ITALIAN AIRCRAFT MARKINGS
FIGURE 33

MIL-I-18464B(AB)
APPENDIX I

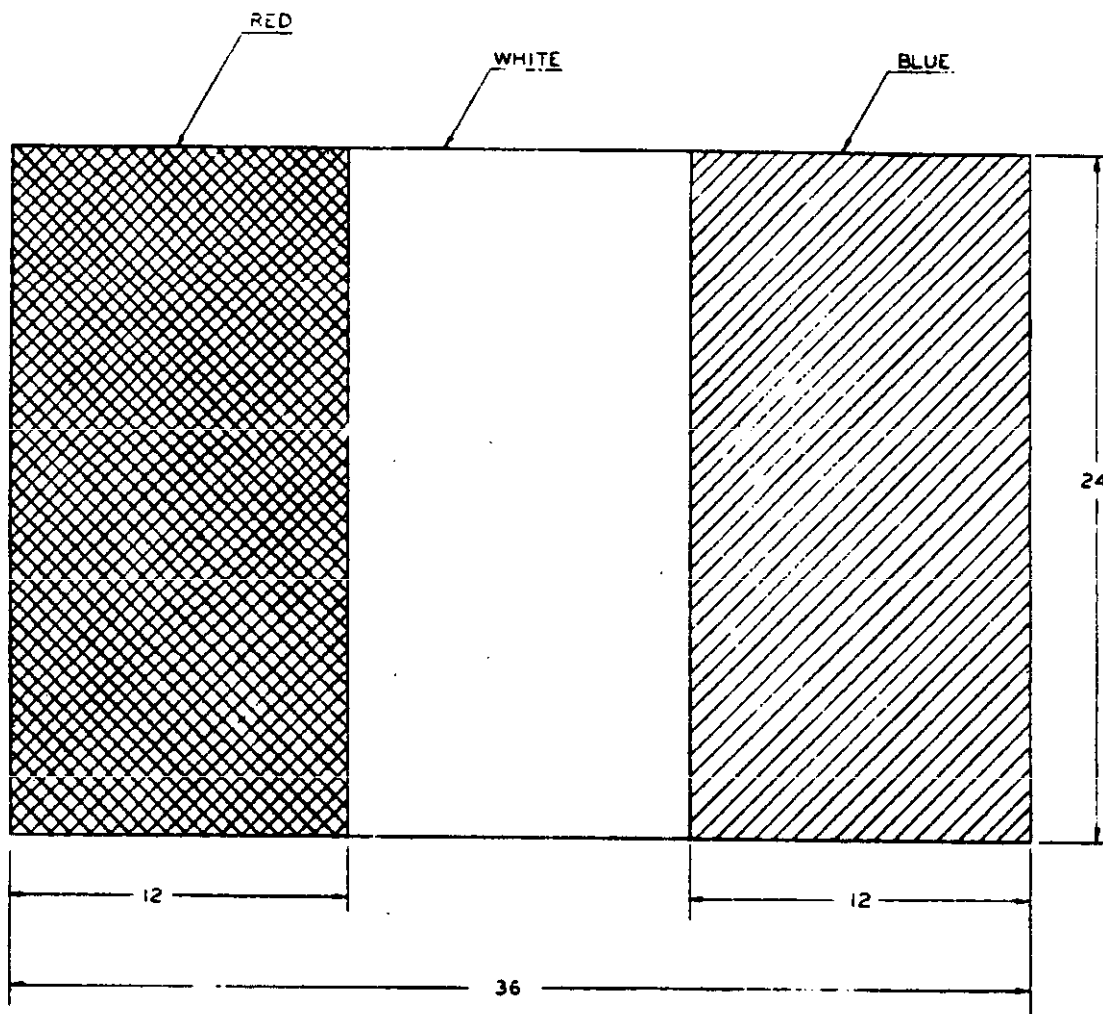


DIMENSIONS IN INCHES.
DIMENSIONS SHOWN ARE FOR P-3 AIRPLANE.

NATIONAL INSIGNIA OF NEW ZEALAND (ROUNDEL)
MARKING 1

FIGURE 34

MIL-I-18464(A8)
APPENDIX I

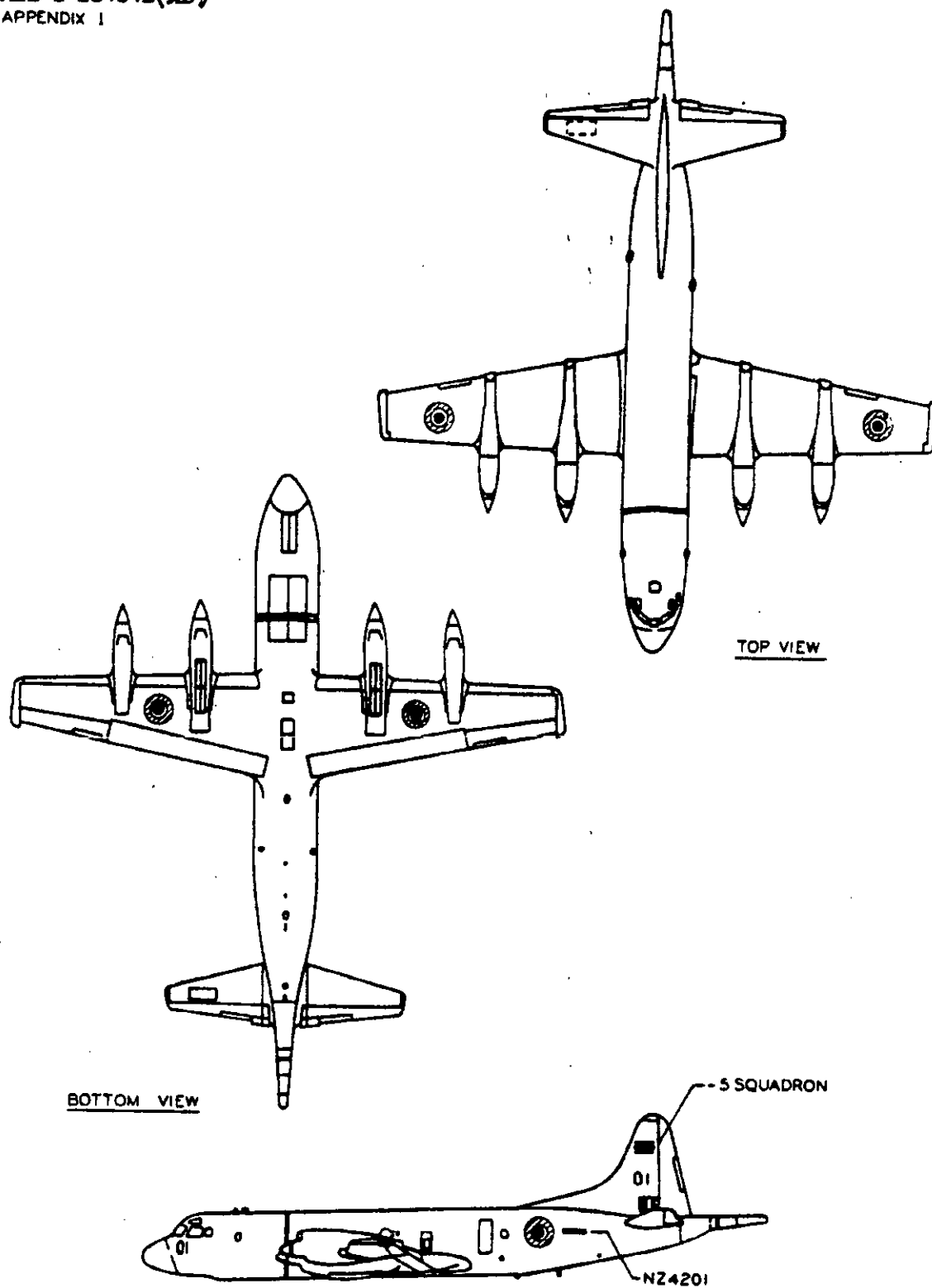


DIMENSIONS IN INCHES.

NATIONAL INSIGNIA OF NEW ZEALAND (FLASH)
MARKING II

FIGURE 35

MIL-I-18464(B)
APPENDIX I

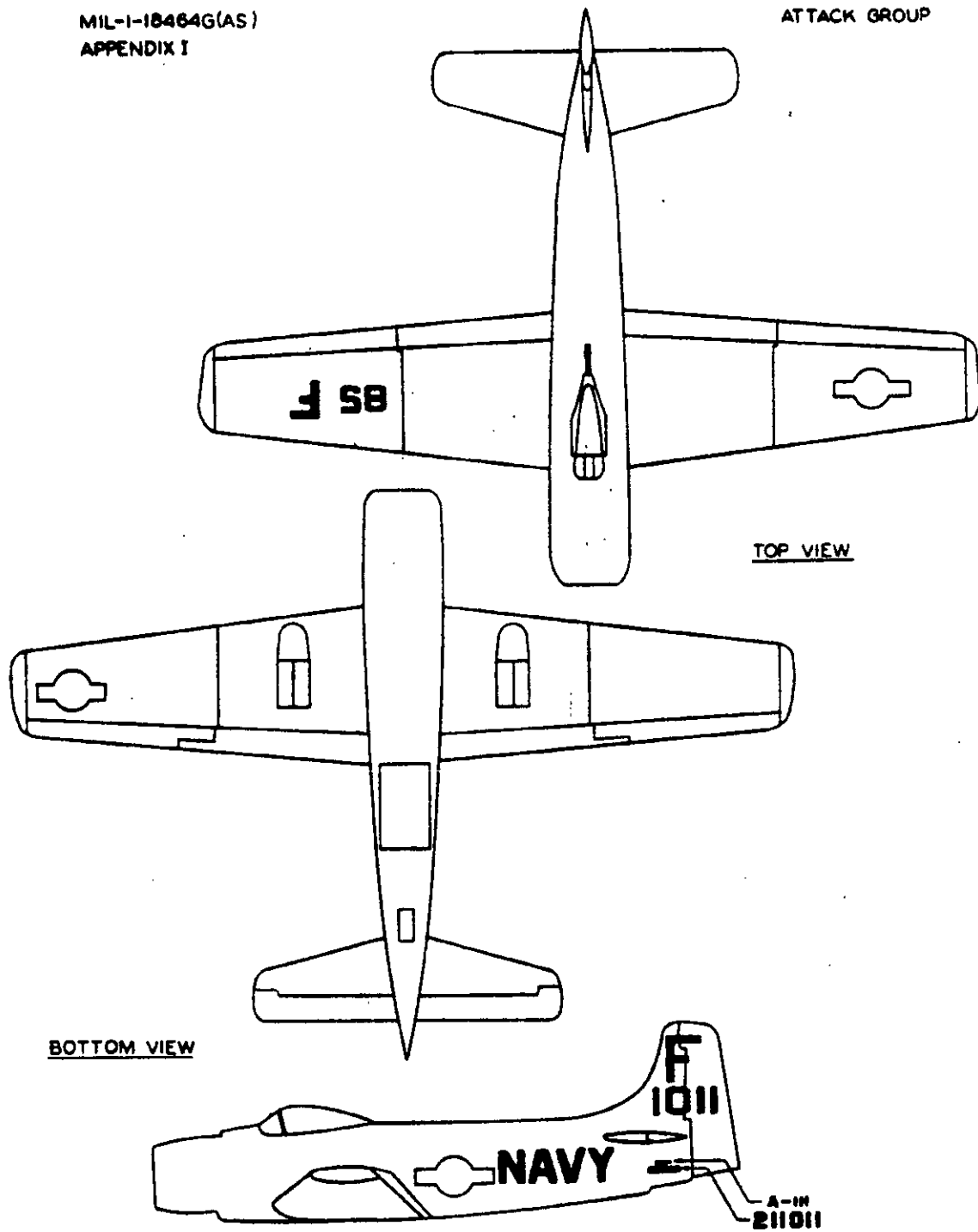


EXAMPLE OF NEW ZEALAND AIRCRAFT MARKINGS

FIGURE 36

MIL-I-18464G(AS)
APPENDIX I

ATTACK GROUP



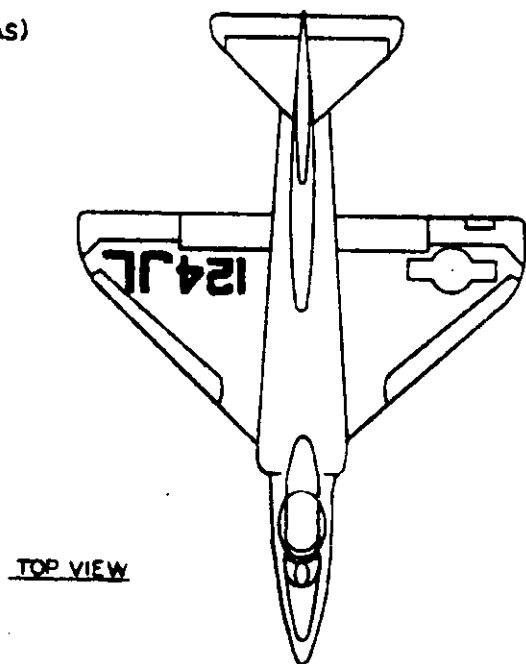
TOP VIEW

BOTTOM VIEW

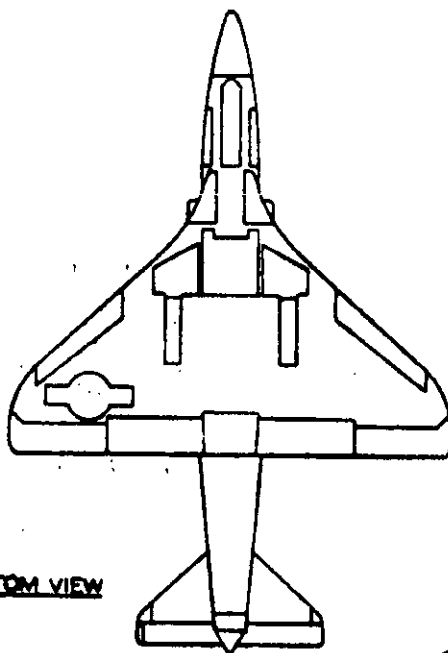
EXAMPLE OF ATTACK TYPE AIRCRAFT ATTACHED TO A NAVAL SQUADRON
FIGURE A-1

MIL-H18464G (AS)
APPENDIX J

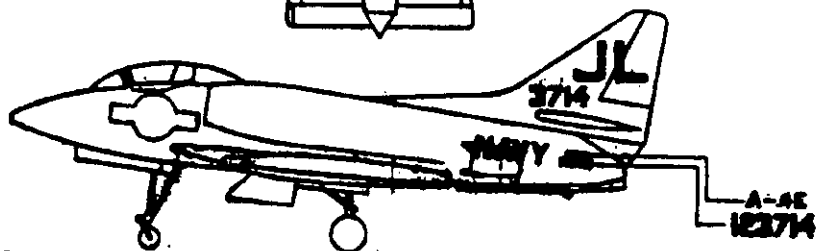
ATTACK GROUP



TOP VIEW



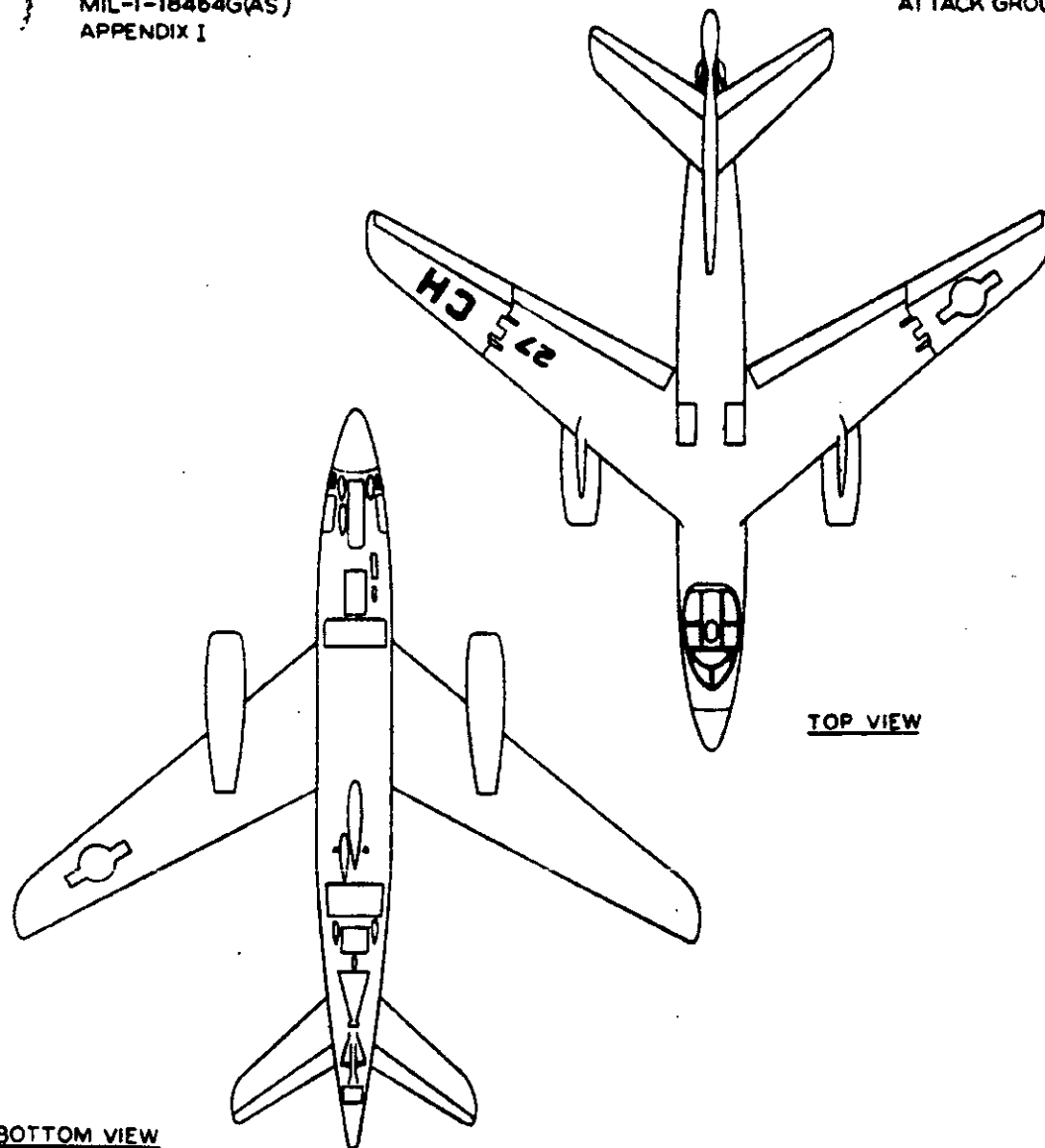
BOTTOM VIEW



EXAMPLE OF ATTACK TYPE AIRCRAFT ATTACHED TO A NAVAL SQUADRON
FIGURE A-2

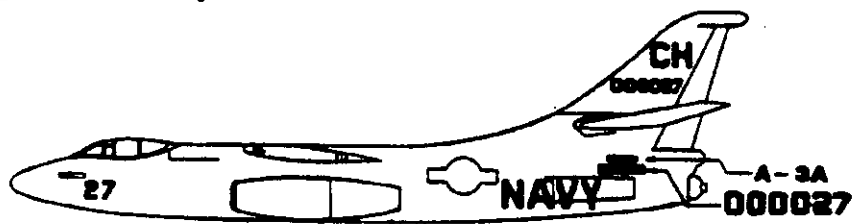
MIL-I-18464G(AS)
APPENDIX I

ATTACK GROUP



TOP VIEW

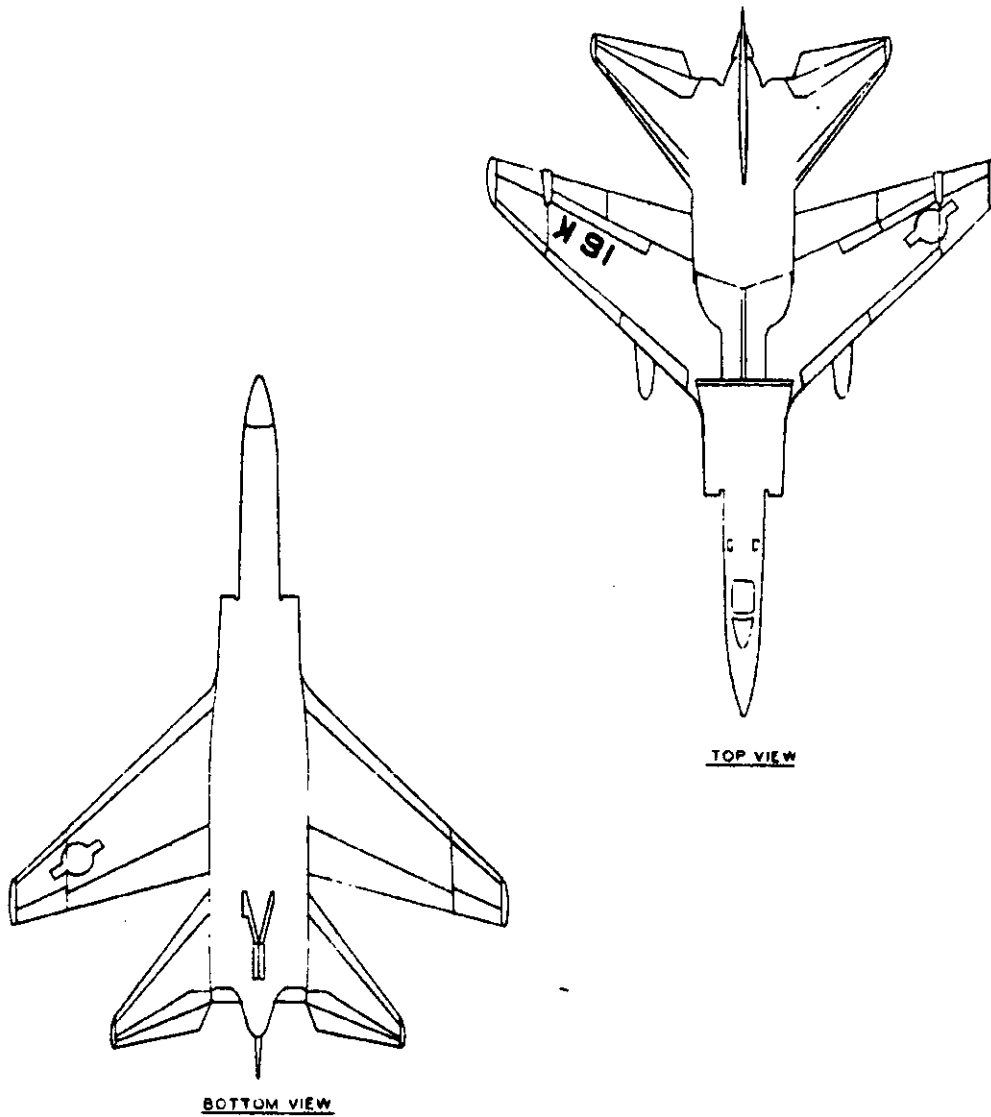
BOTTOM VIEW



EXAMPLE OF ATTACK TYPE AIRCRAFT ATTACHED TO A NAVAL SQUADRON
FIGURE A-3

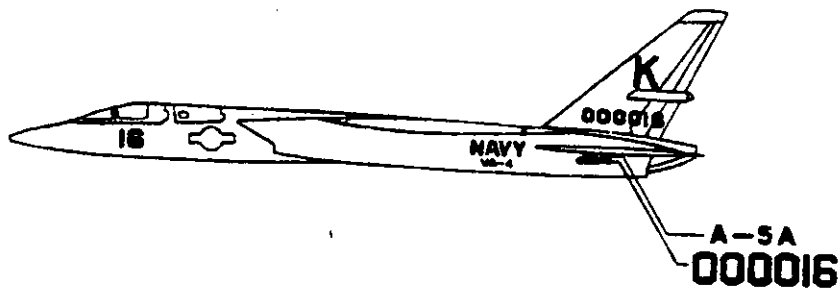
MIL-I-18464G(AS)
APPENDIX I

ATTACK GROUP



TOP VIEW

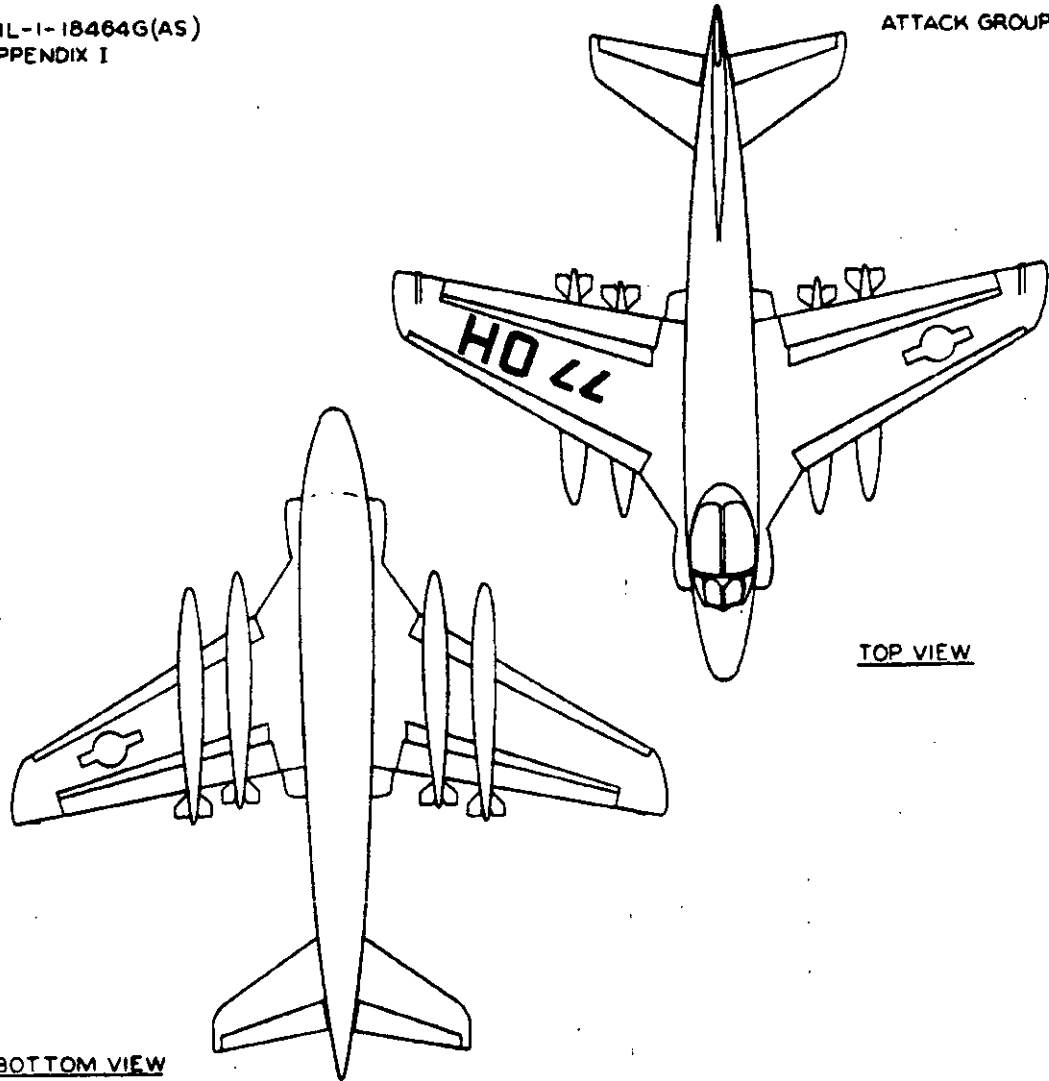
BOTTOM VIEW



EXAMPLE OF ATTACK TYPE AIRCRAFT ATTACHED TO A NAVAL SQUADRON
FIGURE A-4

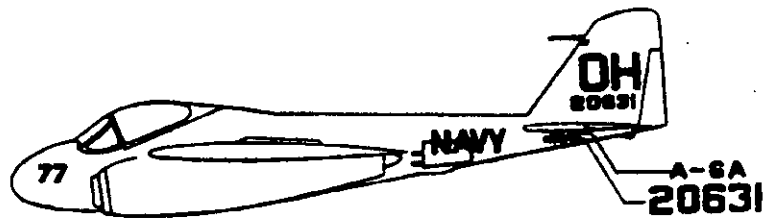
MIL-I-18464G(AS)
APPENDIX I

ATTACK GROUP



TOP VIEW

BOTTOM VIEW



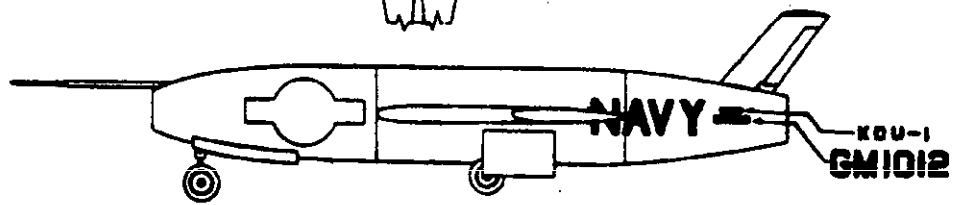
EXAMPLE OF ATTACK TYPE AIRCRAFT ATTACHED TO A NAVAL SQUADRON
FIGURE A-5

MIL-I-18464G (AS)
APPENDIX I

DRONE, TARGET

TOP VIEW

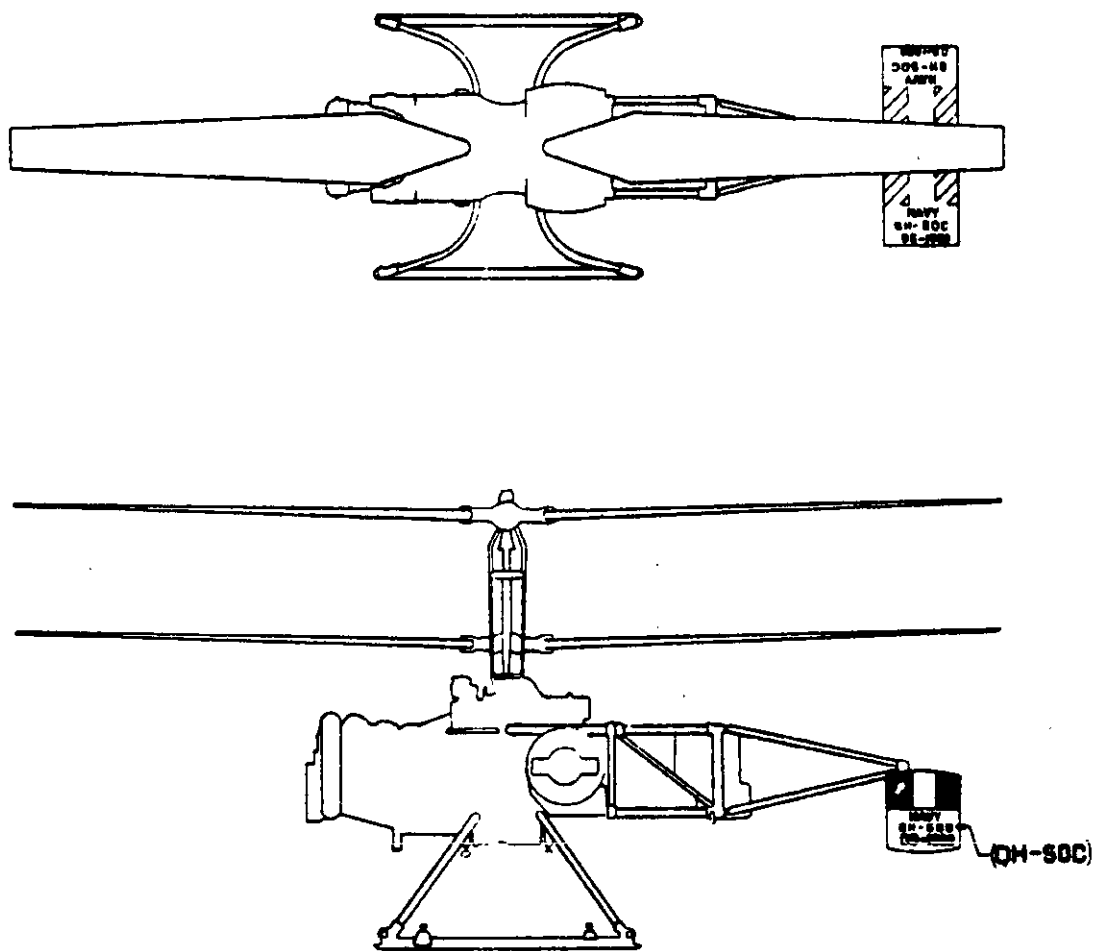
BOTTOM VIEW



EXAMPLE OF TARGET DRONE MARKING
FIGURE D-1

MIL-I-18464G(AS)
APPENDIX I

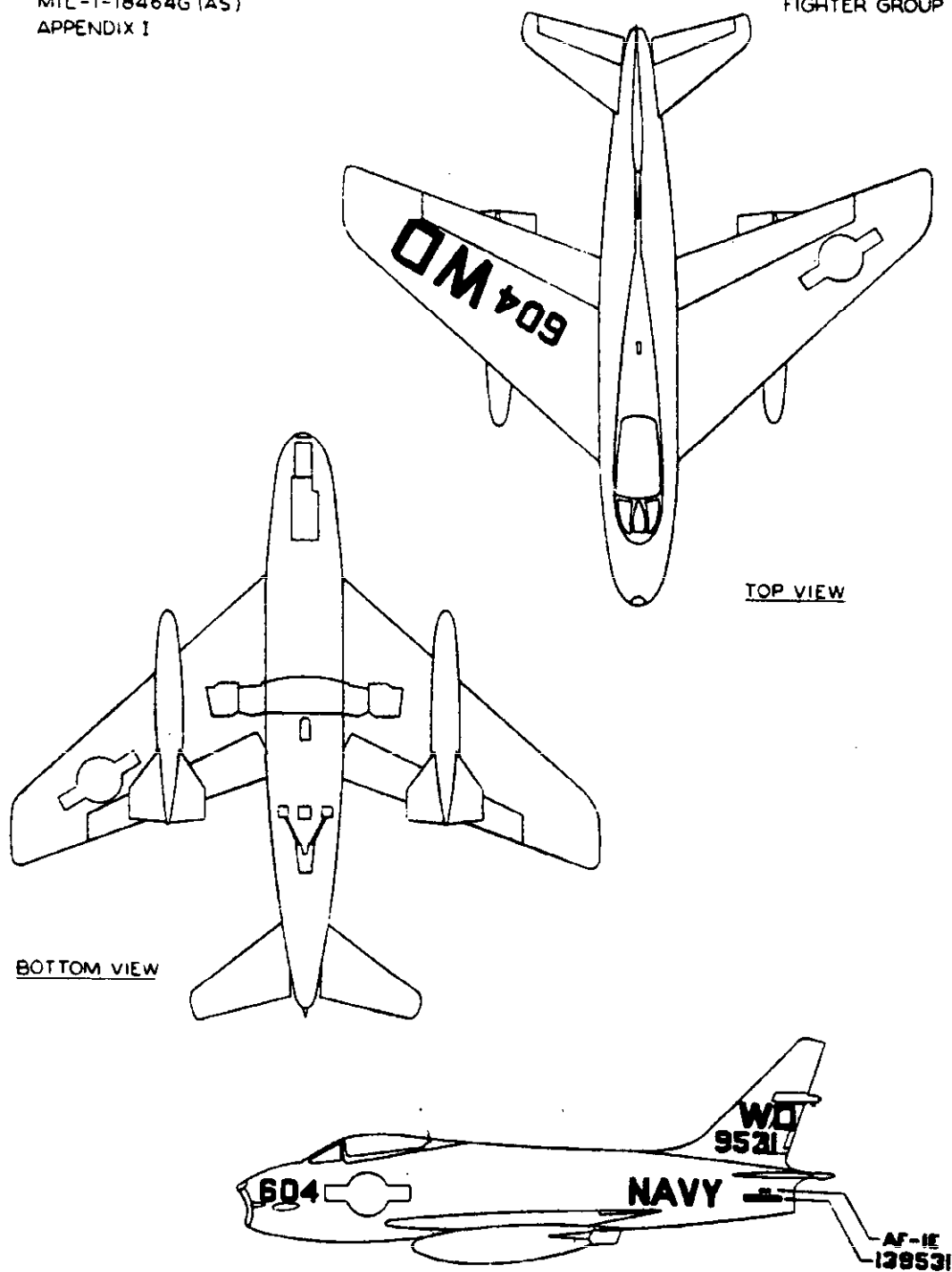
DRONE, TARGET



EXAMPLE OF DRONE MARKING
FIGURE D-2

MIL-1-18464G (AS)
APPENDIX I

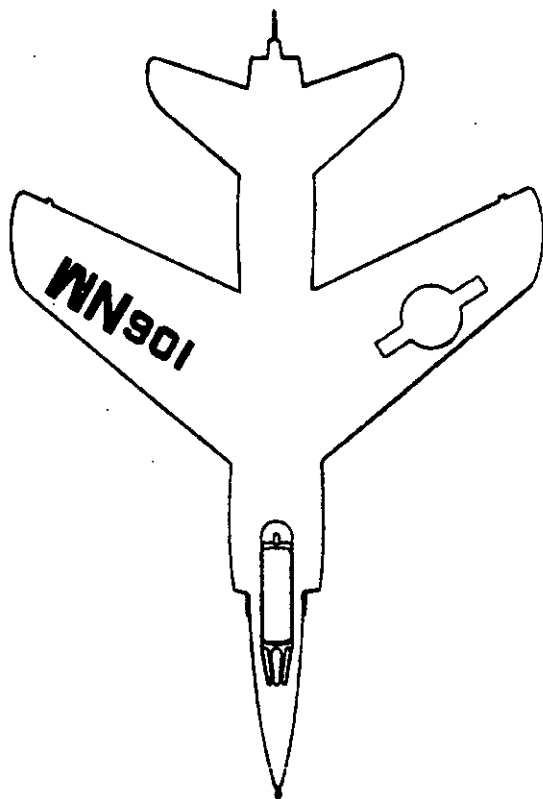
FIGHTER GROUP



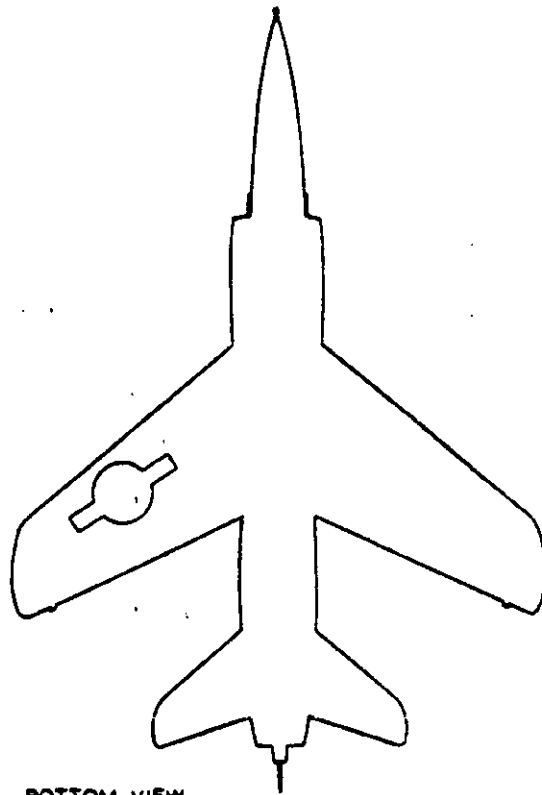
EXAMPLE OF FIGHTER TYPE AIRCRAFT ATTACHED TO A NAVAL SQUADRON
FIGURE F-1

MIL-I-18464G(AS)
APPENDIX I

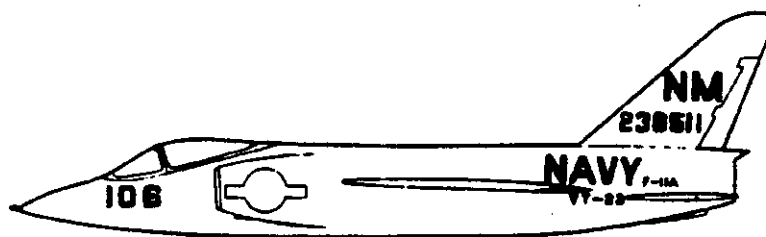
FIGHTER GROUP



TOP VIEW



BOTTOM VIEW



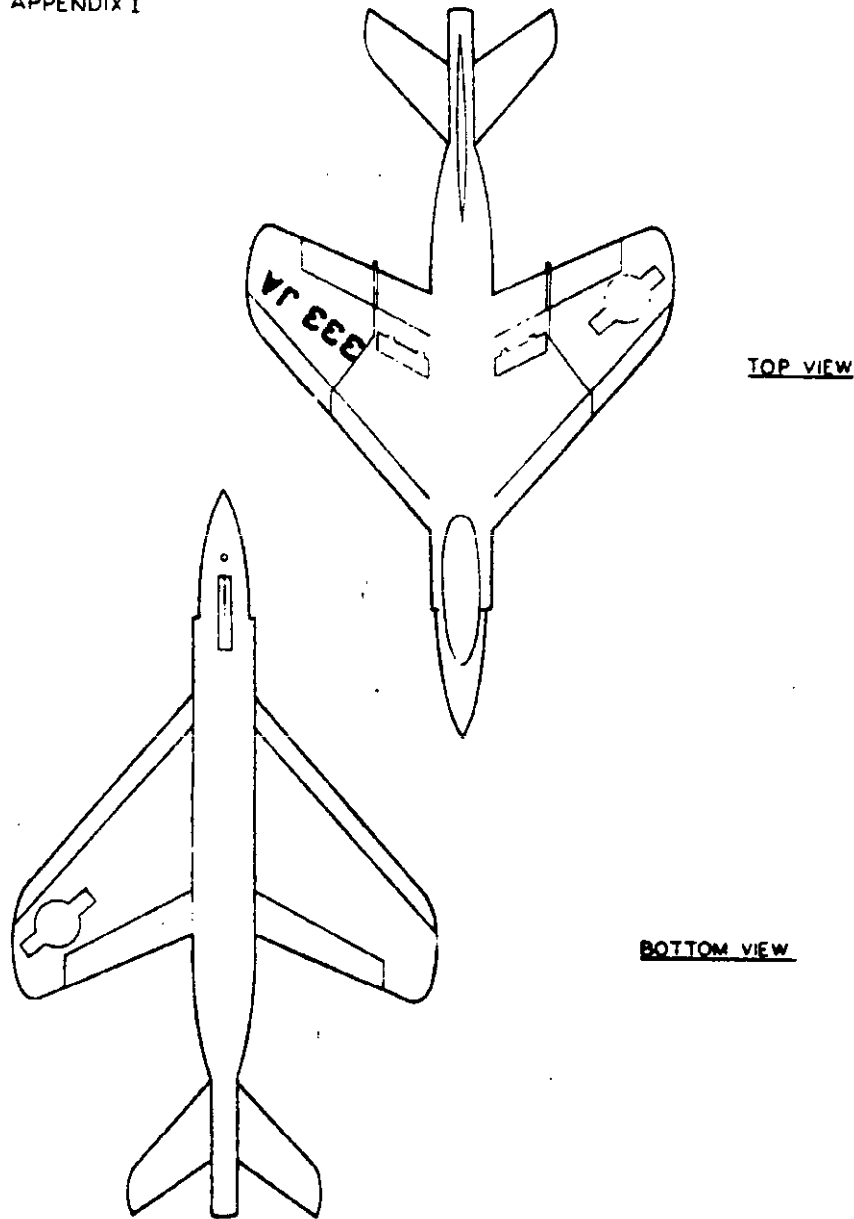
SIDE VIEW

EXAMPLE OF FIGHTER TYPE AIRCRAFT ATTACHED TO A NAVAL SQUADRON

FIGURE F-2

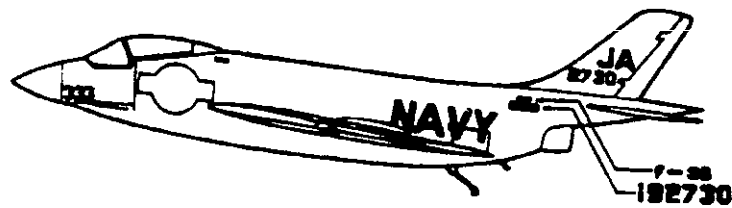
MIL-I-18464G (AS)
APPENDIX I

FIGHTER GROUP



TOP VIEW

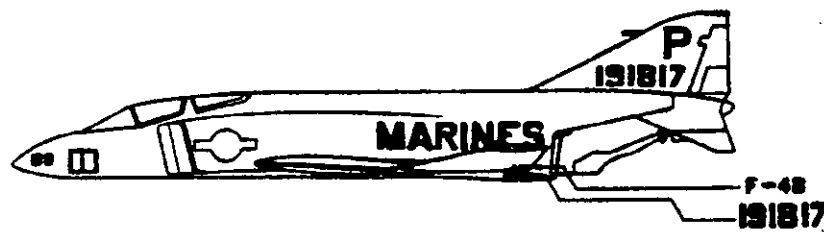
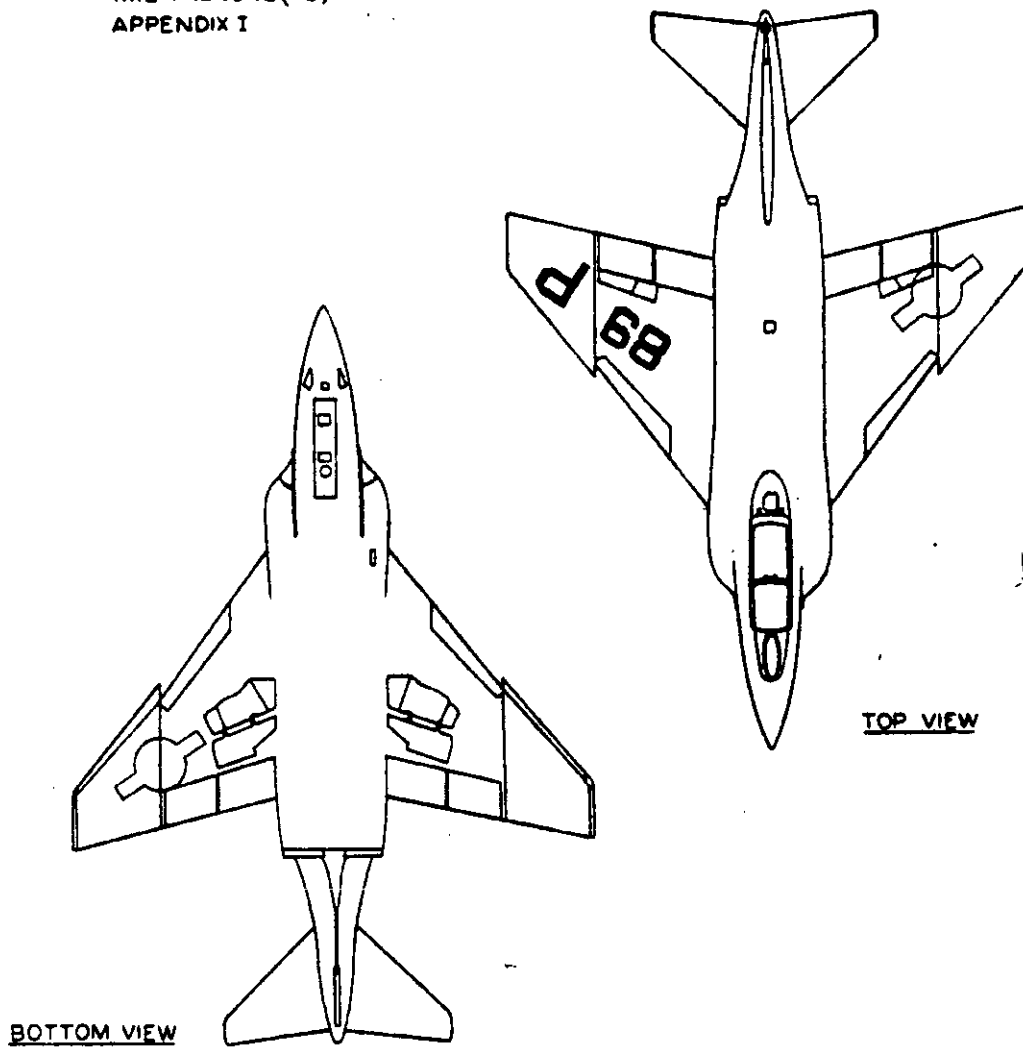
BOTTOM VIEW



EXAMPLE OF FIGHTER TYPE AIRCRAFT ATTACHED TO A NAVAL SQUADRON
FIGURE F-3

MIL-I-18464G(AS)
APPENDIX I

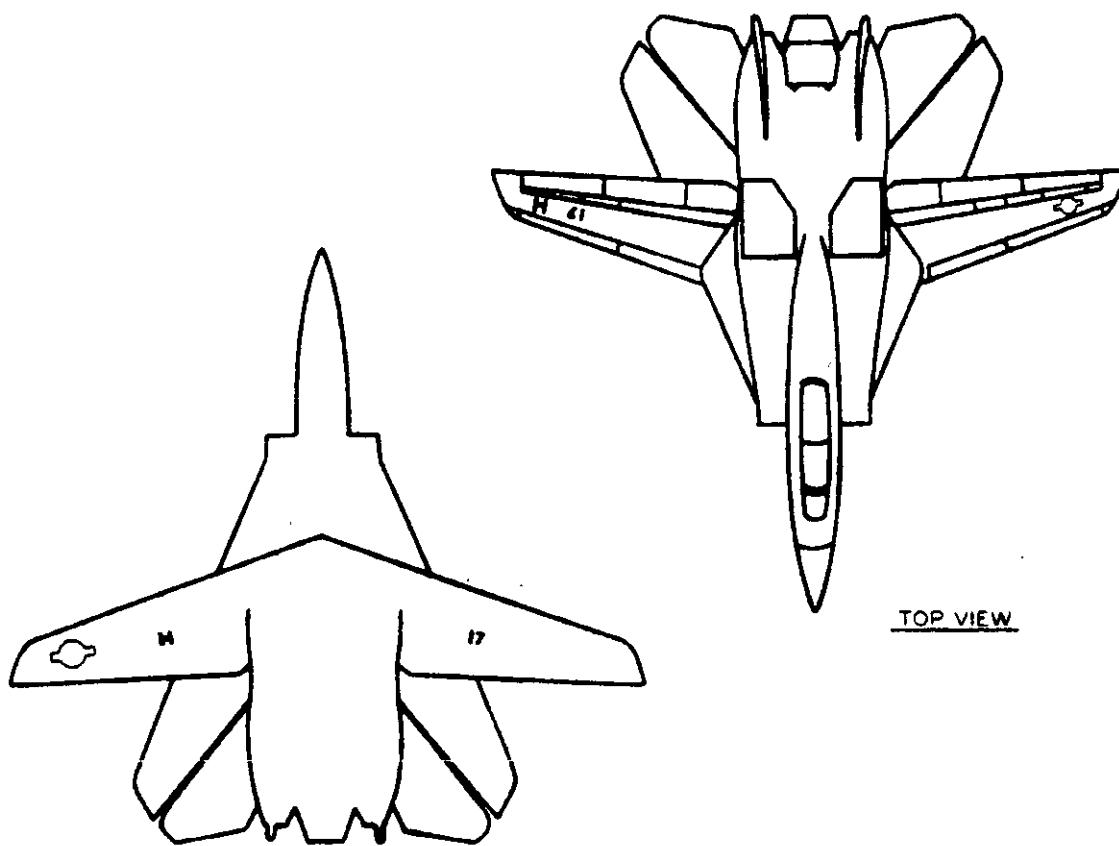
FIGHTER GROUP



EXAMPLE OF FIGHTER TYPE AIRCRAFT ATTACHED TO A MARINE CORPS SQUADRON
FIGURE F-4

MIL-1-18464 G (AS)
APPENDIX I

FIGHTER GROUP



TOP VIEW

BOTTOM VIEW

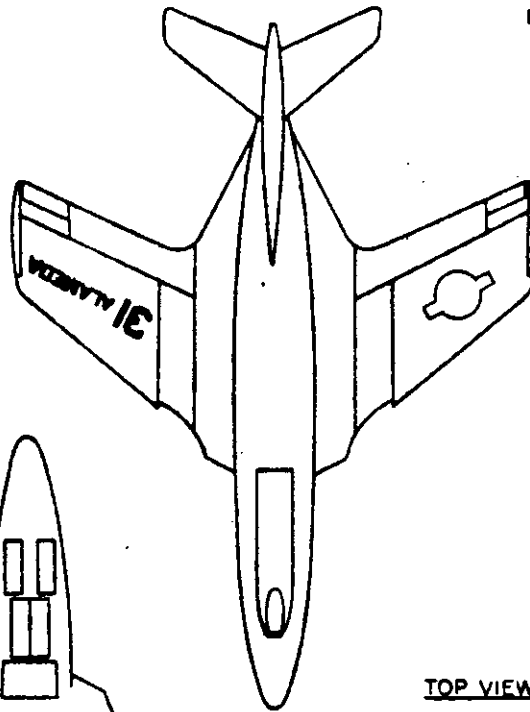


EXAMPLE OF FIGHTER TYPE AIRCRAFT ATTACHED TO NAVAL SQUADRON

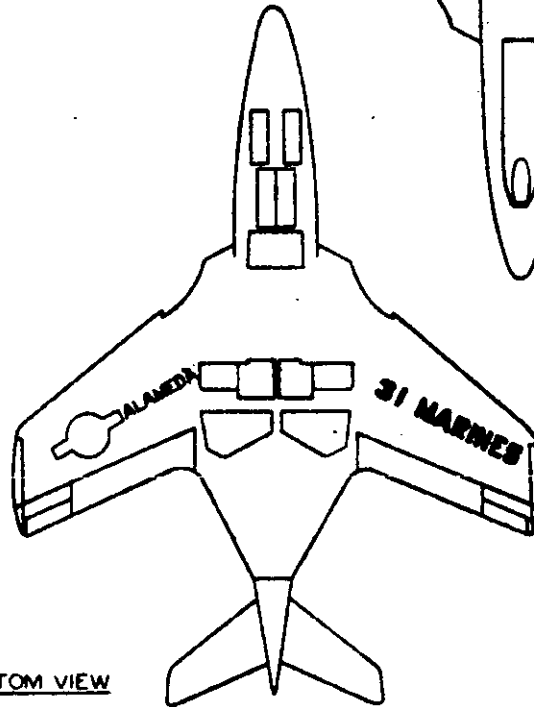
FIGURE F-5

MIL-1-1B464G (AS)
APPENDIX I

FIGHTER GROUP



TOP VIEW



BOTTOM VIEW

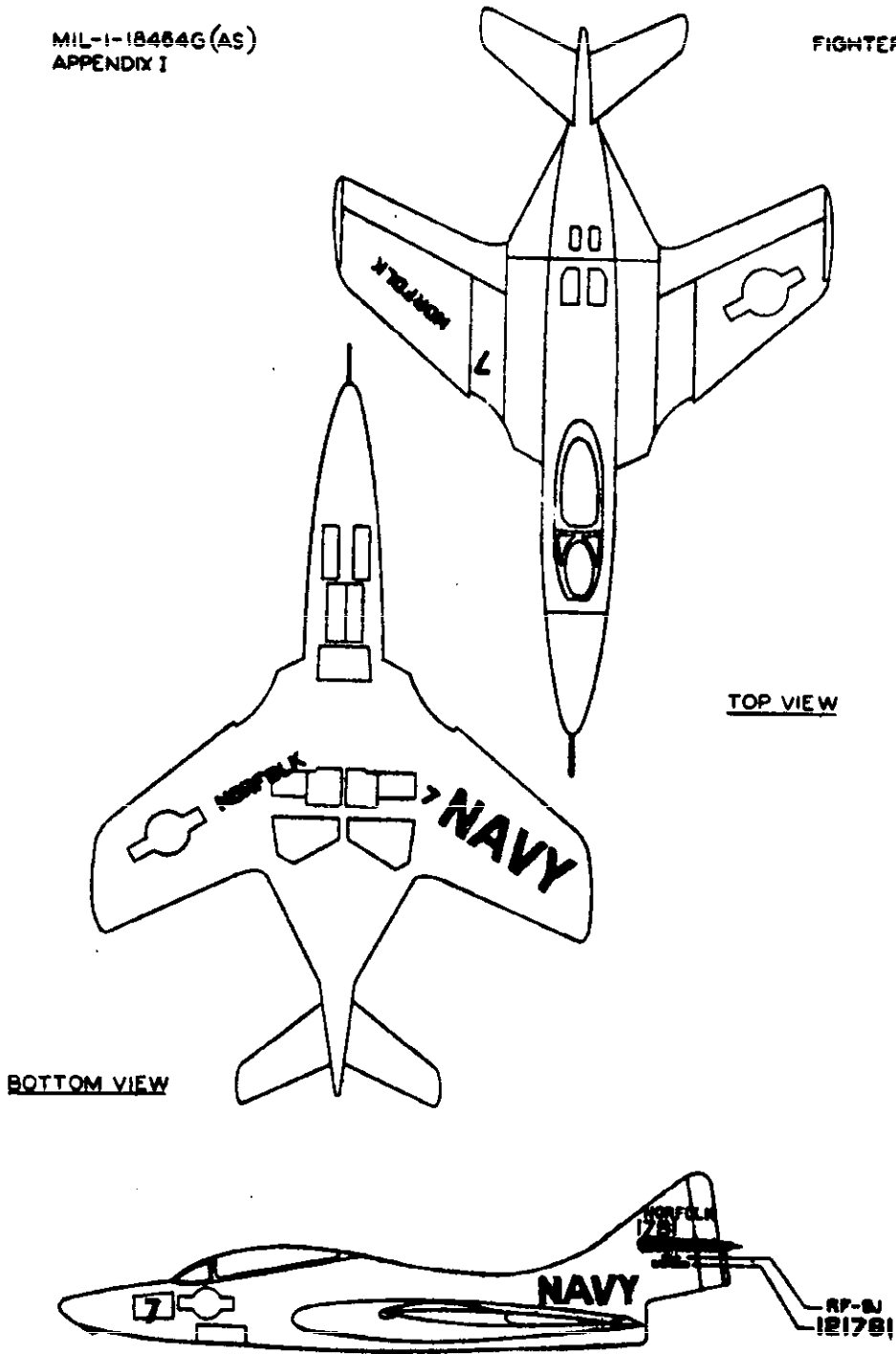


EXAMPLE OF FIGHTER TYPE AIRCRAFT ATTACHED TO A MARINE RESERVE SQUADRON
BASED AT A NAVAL AIR STATION

FIGURE F-6

MIL-I-18464G (AS)
APPENDIX I

FIGHTER GROUP

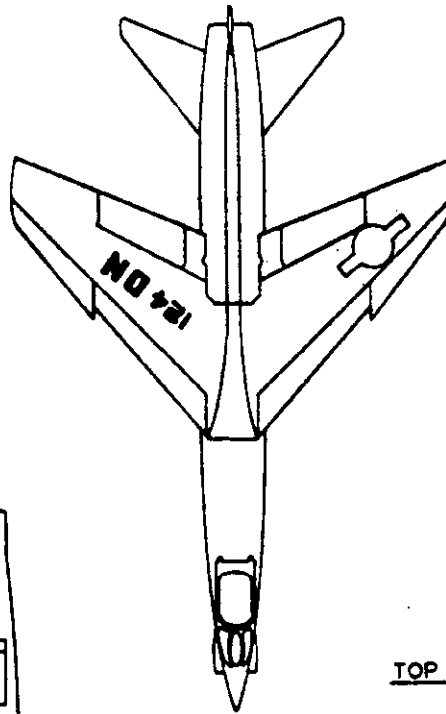


EXAMPLE OF FIGHTER TYPE AIRCRAFT ATTACHED TO A NAVAL AIR STATION
AND USED AS A PHOTOGRAPHIC AIRPLANE

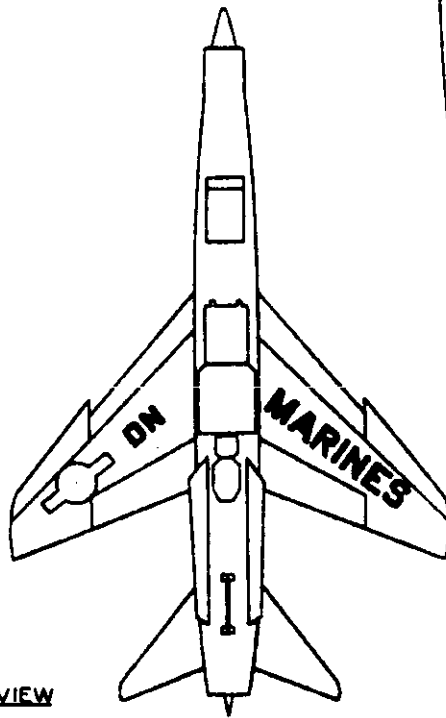
FIGURE 7-7

MIL-1-18464G(AS)
APPENDIX I

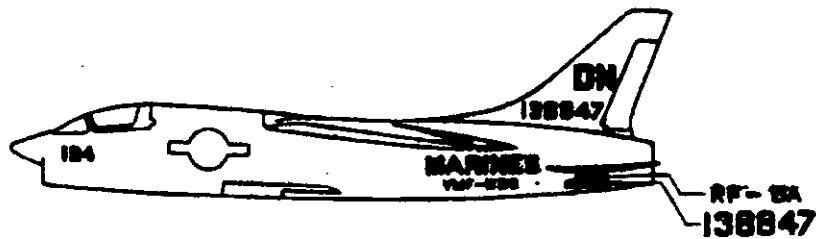
FIGHTER GROUP



TOP VIEW



BOTTOM VIEW

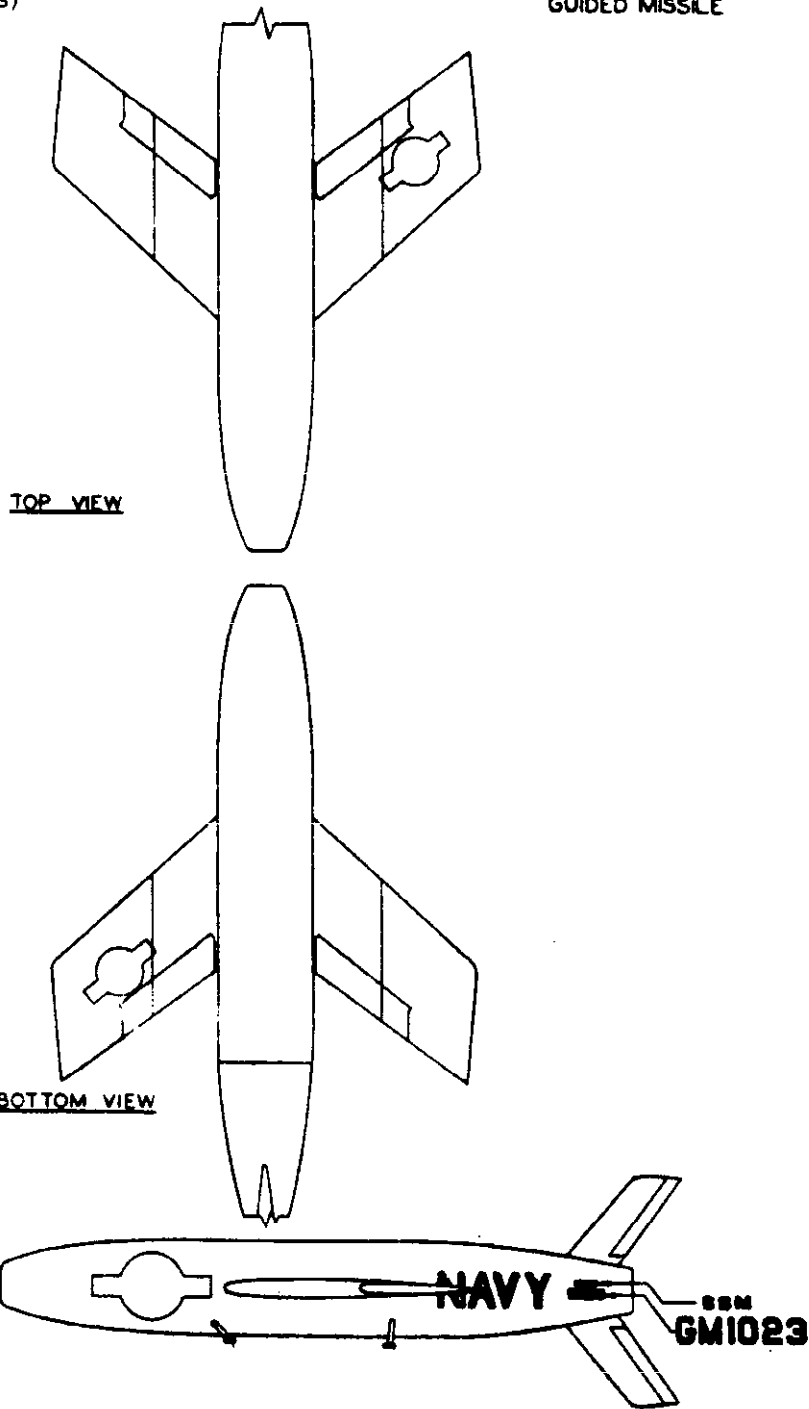


EXAMPLE OF FIGHTER TYPE AIRCRAFT ATTACHED TO A MARINE CORPS
SQUADRON AND USED AS A PHOTOGRAPHIC AIRPLANE
FIGURE F-8

F8U-P

MIL-1-18464G (AS)
APPENDIX I

GUIDED MISSILE



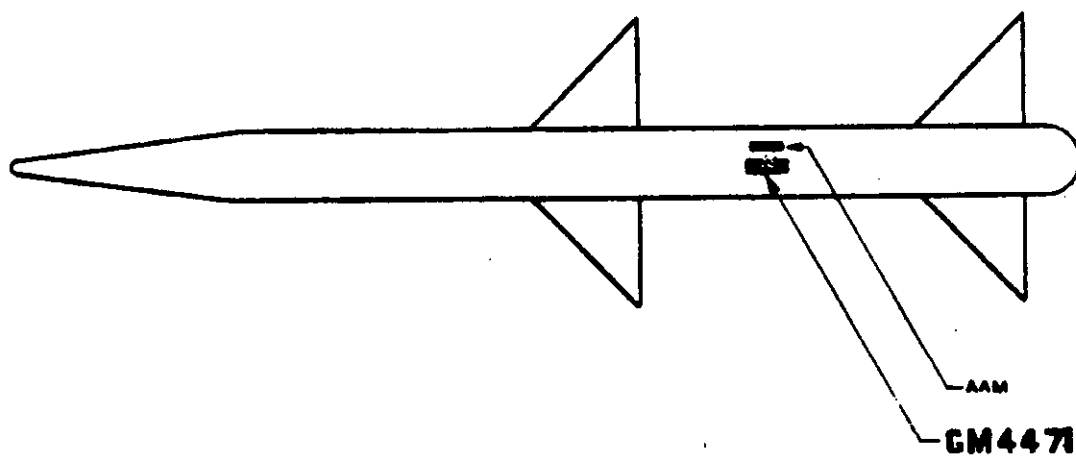
TOP VIEW

BOTTOM VIEW

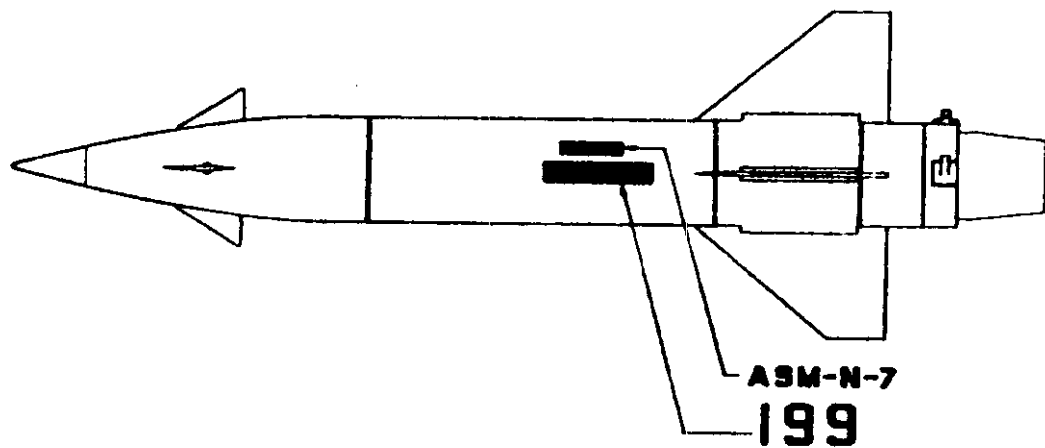
EXAMPLE OF GUIDED MISSILE MARKING
FIGURE G-1

MIL-I-18464G (AS)
APPENDIX I

GUIDED MISSILE



EXAMPLE OF GUIDED MISSILE MARKING
FIGURE G-2



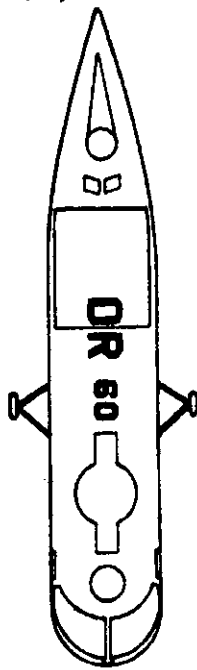
EXAMPLE OF GUIDED MISSILE MARKING
FIGURE G-3

GUIDED MISSILE

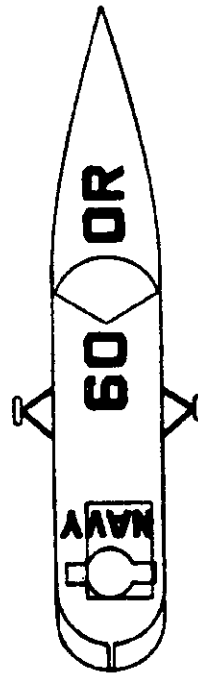
ASM-N-7
199
10-10-76
10-10-76
10-10-76

MIL-I-18464G(AS)
APPENDIX I

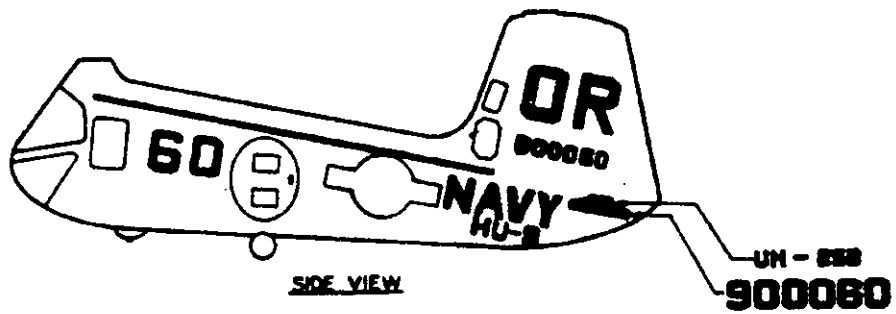
HELICOPTERS



TOP VIEW



BOTTOM VIEW

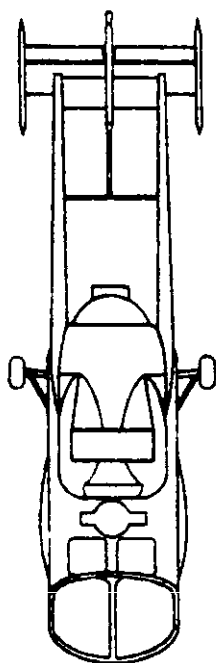


SIDE VIEW

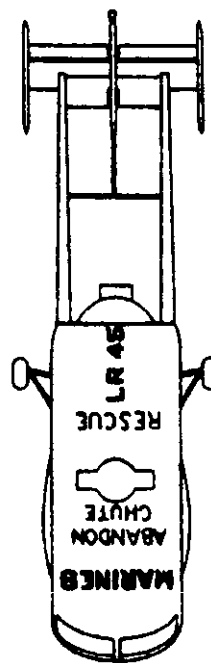
EXAMPLE OF UTILITY TYPE HELICOPTER ATTACHED TO A NAVAL SQUADRON
FIGURE H-1

MIL-I-18404G(AS)
APPENDIX I

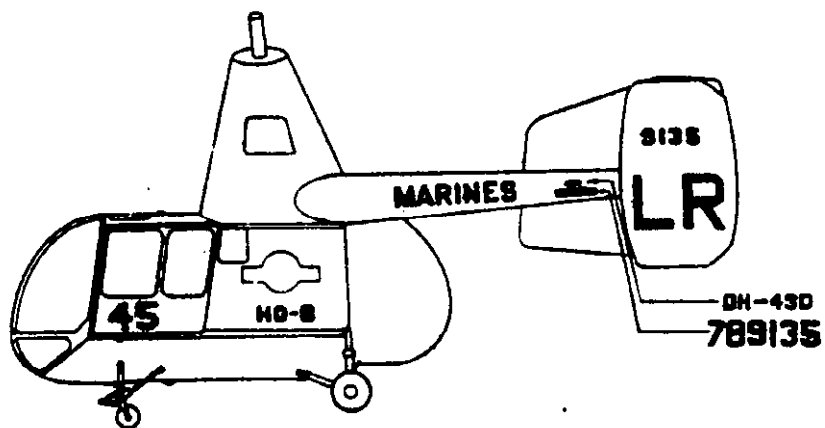
HELICOPTERS



TOP VIEW



BOTTOM VIEW

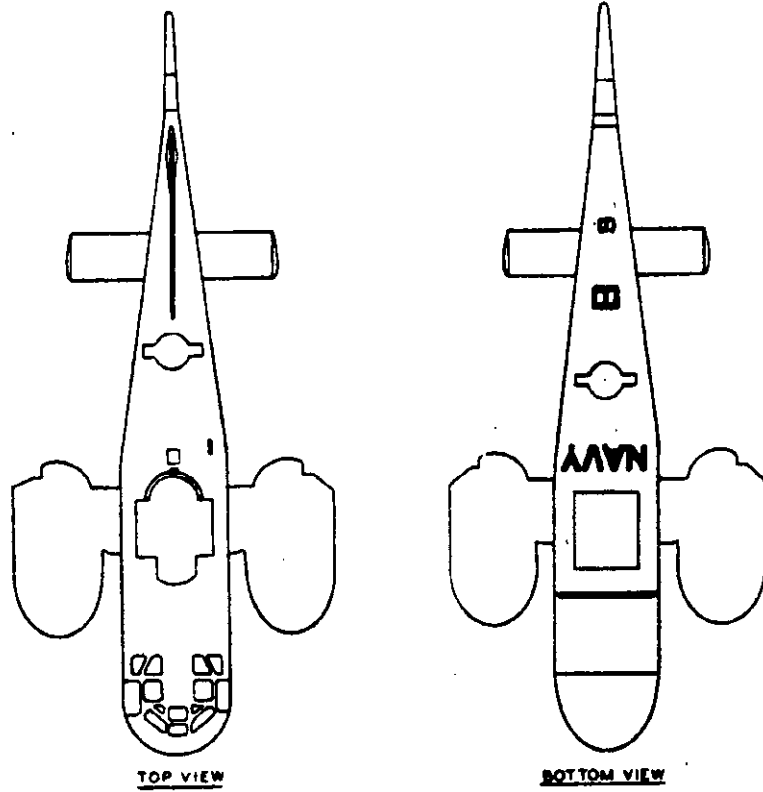


EXAMPLE OF OBSERVATION AND RESCUE TYPE HELICOPTER ATTACHED TO A
MARINE CORPS SQUADRON

FIGURE H-2

MIL-1-18464G(AS)
APPENDIX I

HELICOPTERS

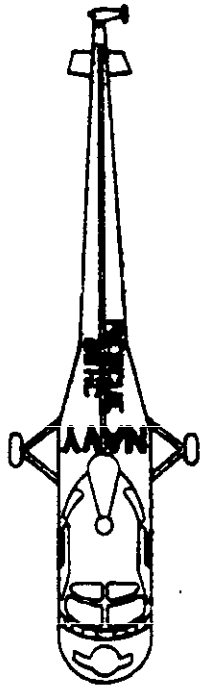


EXAMPLE OF TRANSPORT TYPE HELICOPTER ATTACHED TO A NAVAL AIR STATION

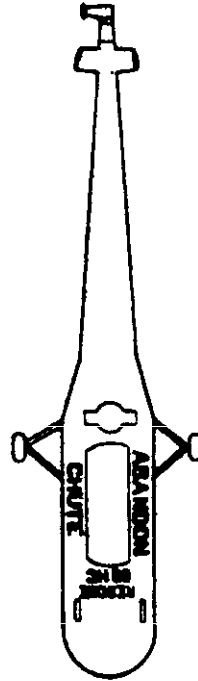
FIGURE H-3

MIL-1-18464G(AS)
APPENDIX I

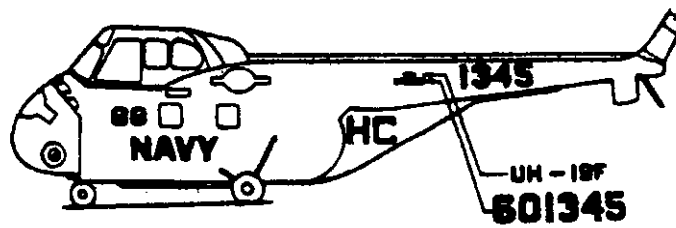
HELICOPTERS



TOP VIEW



BOTTOM VIEW



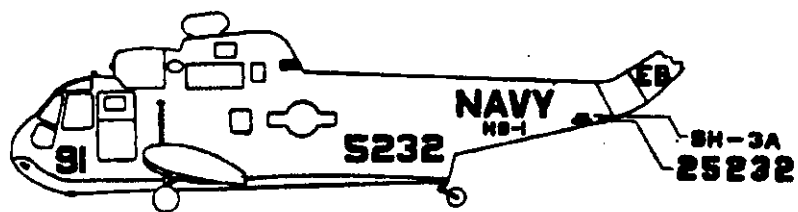
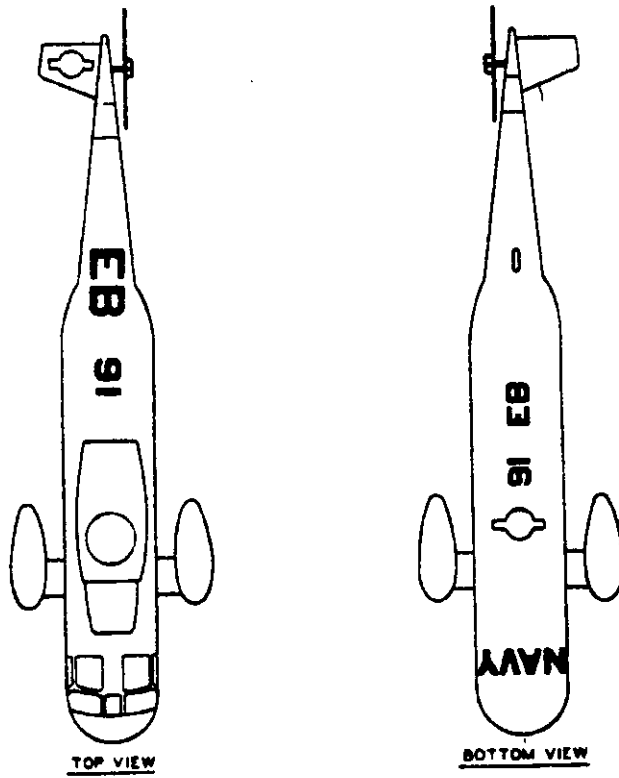
SIDE VIEW

EXAMPLE OF SEARCH AND RESCUE TYPE HELICOPTER ATTACHED TO A
NAVAL SQUADRON

FIGURE H-4

MIL-I-18464G(AS)
APPENDIX I

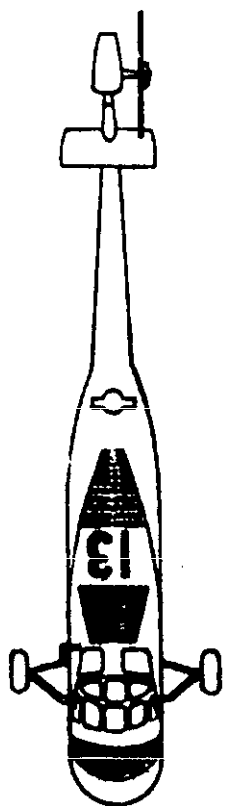
HELICOPTERS



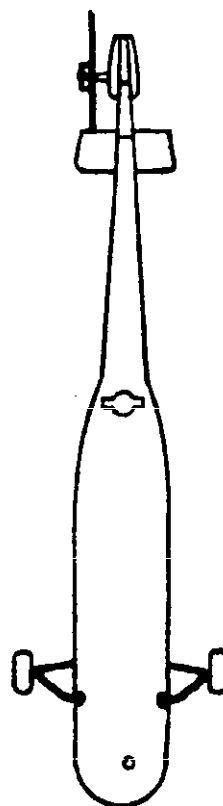
EXAMPLE OF ANTI-SUBMARINE WARFARE HELICOPTER
SHOWING INDIVIDUAL MARKINGS
FIGURE H-5

MIL-I-18464G (AS)
APPENDIX I

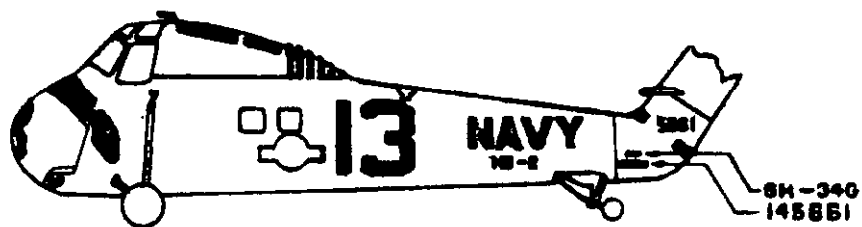
HELICOPTERS



TOP VIEW



BOTTOM VIEW



EXAMPLE OF ANTI-SUBMARINE WARFARE HELICOPTER
SHOWING INDIVIDUAL MARKINGS

FIGURE H-6

MIL-1-18464G(AS)
APPENDIX I

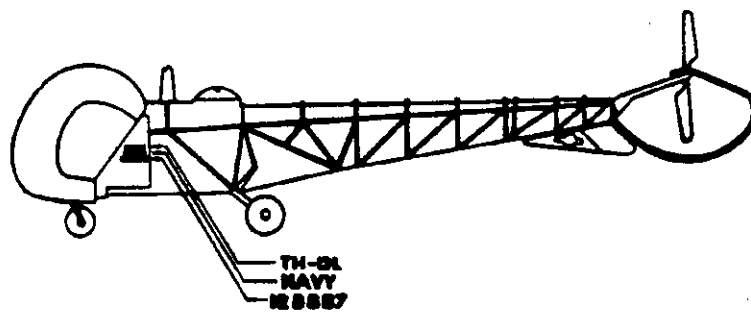
HELICOPTERS



TOP VIEW



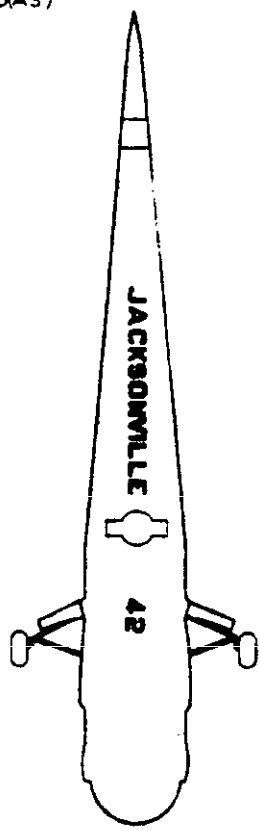
BOTTOM VIEW



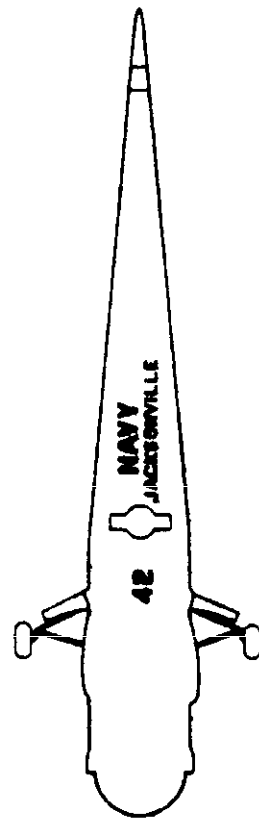
EXAMPLE OF TRAINER TYPE HELICOPTER ATTACHED TO A NAVAL AIR STATION
FIGURE H - 7

MIL-I-18464G(AS)
APPENDIX I

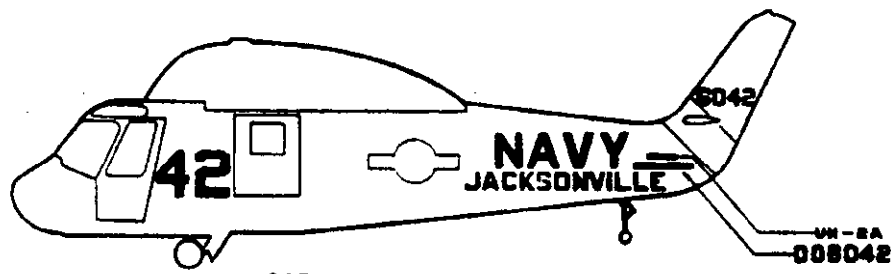
HELICOPTERS



TOP VIEW



BOTTOM VIEW



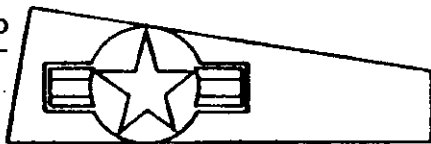
SIDE VIEW

EXAMPLE OF UTILITY TYPE HELICOPTER ATTACHED TO A NAVAL AIR STATION

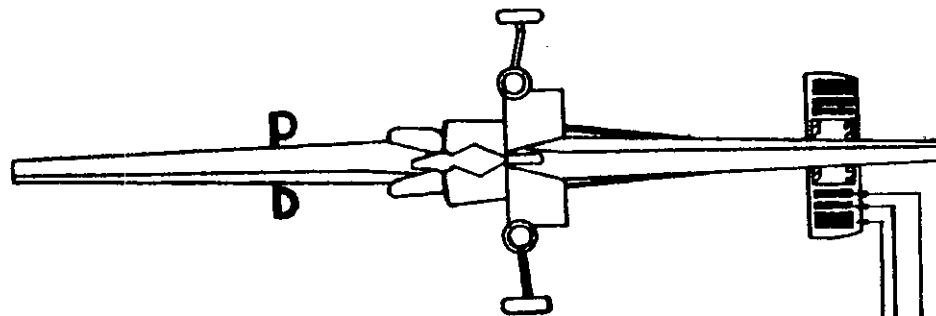
FIGURE H-8

MV2K-1

FORWARD
←

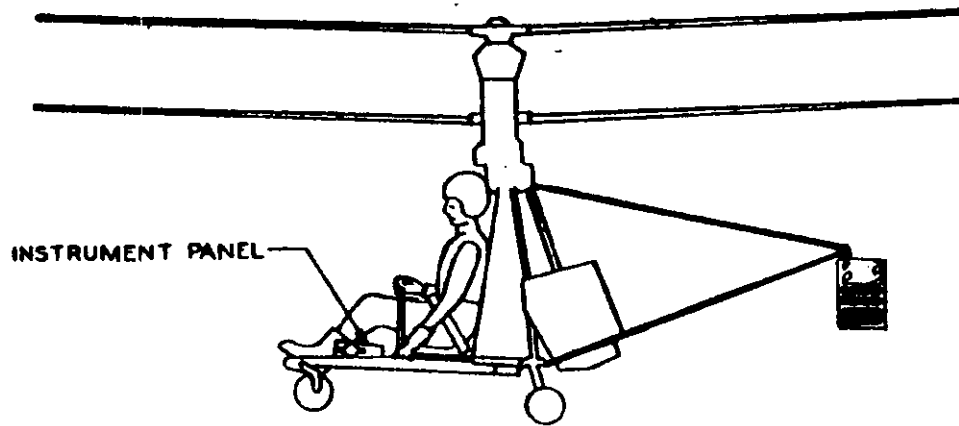
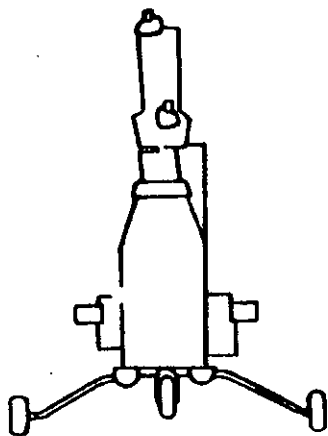


VIEW OF INSIGNIA ON INSTRUMENT PANEL
RIGHT AND LEFT HAND SIDE



MIL-H8464G(S1)
APPENDIX I

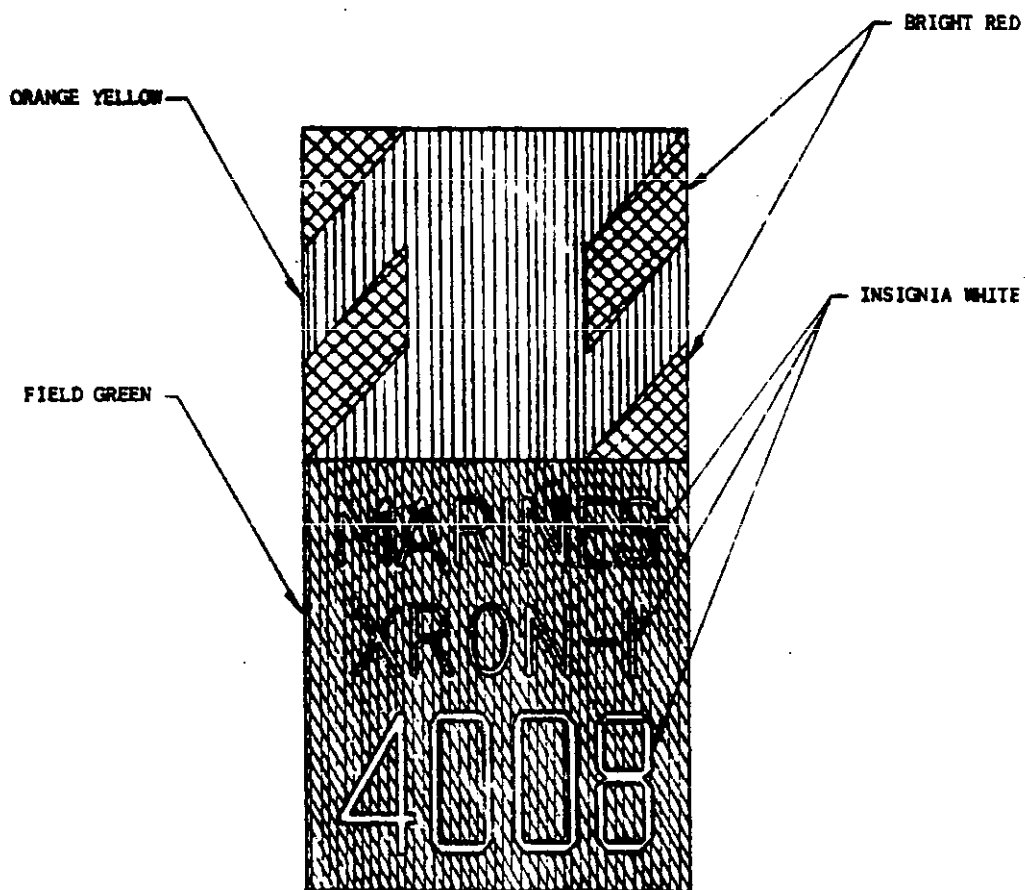
MARINES
XRON-I
4008



INSTRUMENT PANEL

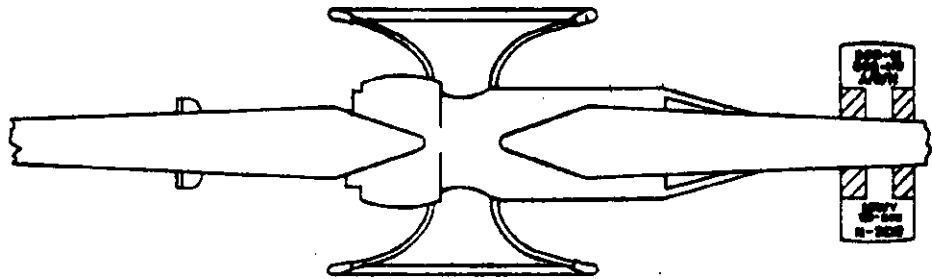
EXAMPLE OF MODEL ROTORCYCLE
REFER TO FIGURE O-2
FIGURE O-1

MIL-I-18464G(AS)
APPENDIX I

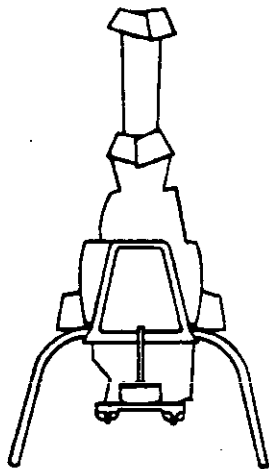


EXAMPLE OF INSIGNIA AND MARKING FOR STABILIZER OF MODEL ROTORCYCLE
FIGURE 0-2

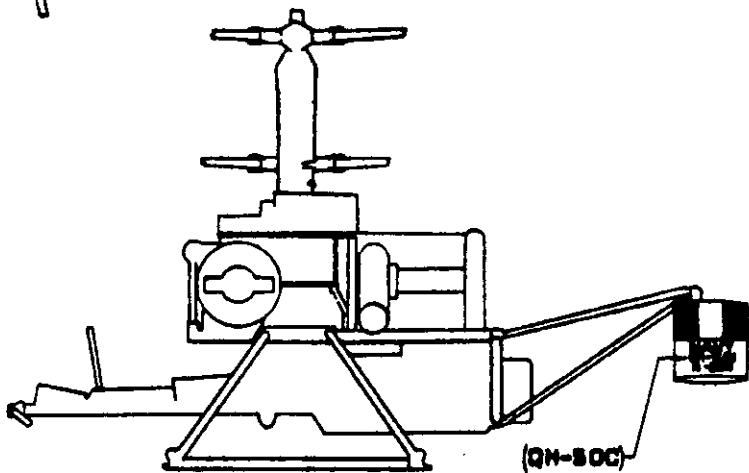
MIL-I-18464G(AS)
APPENDIX I



TOP VIEW



FRONT VIEW

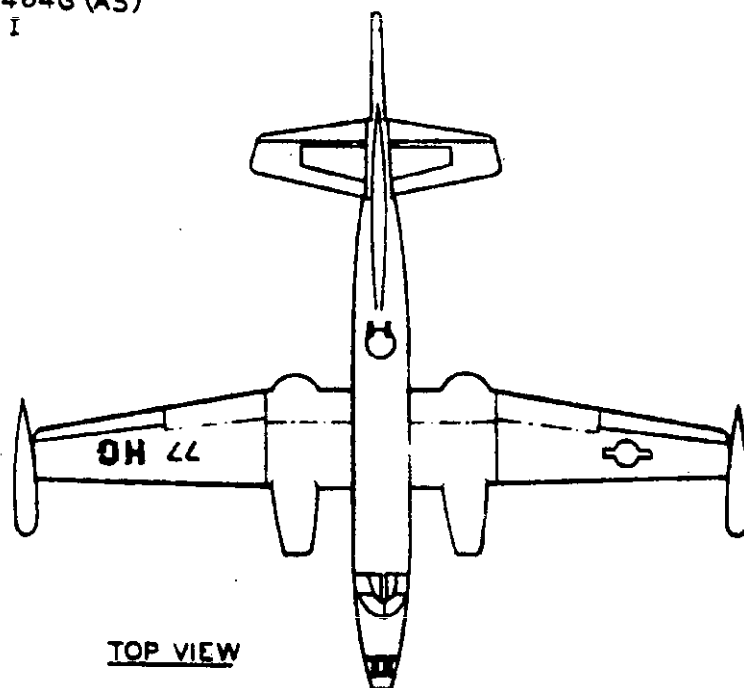


EXAMPLE OF MODEL ROTORCYCLE
FIGURE O-3

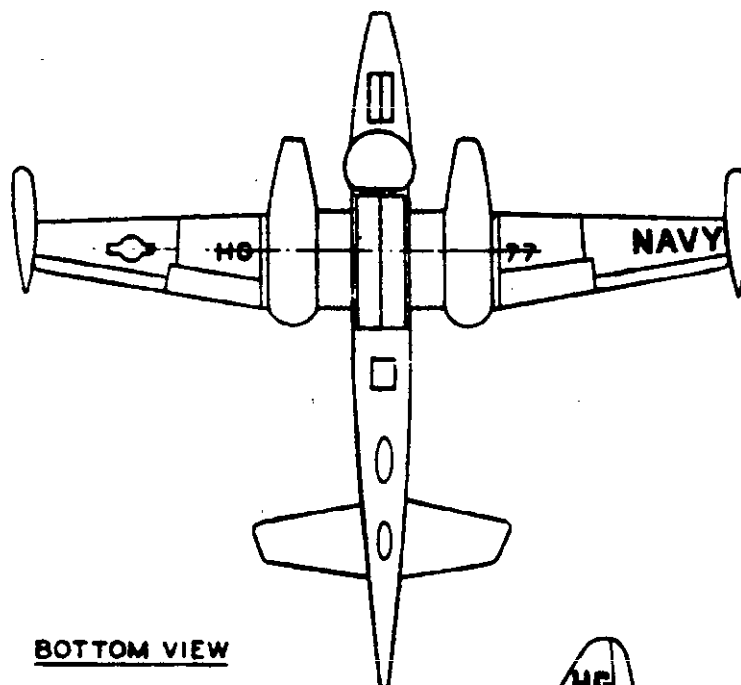
ISSN-8
MIL-18464G

MIL-1-18464G (AS)
APPENDIX I

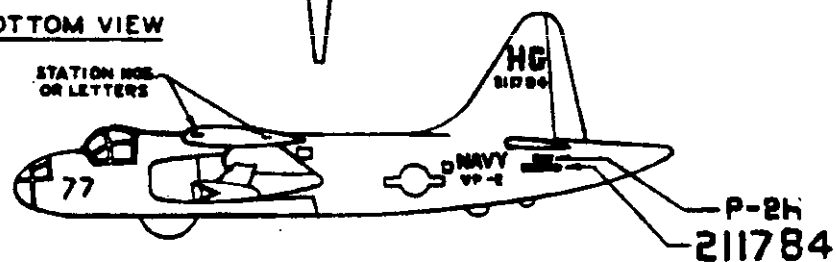
PATROL GROUP



TOP VIEW



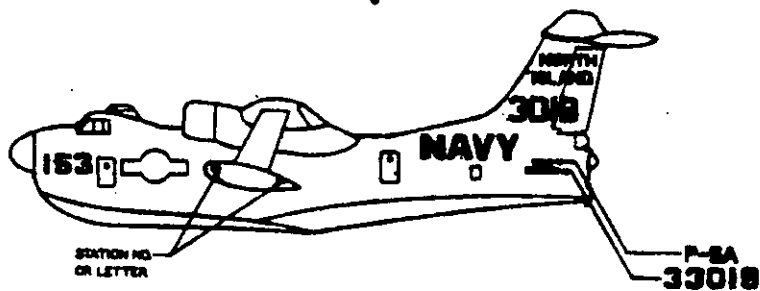
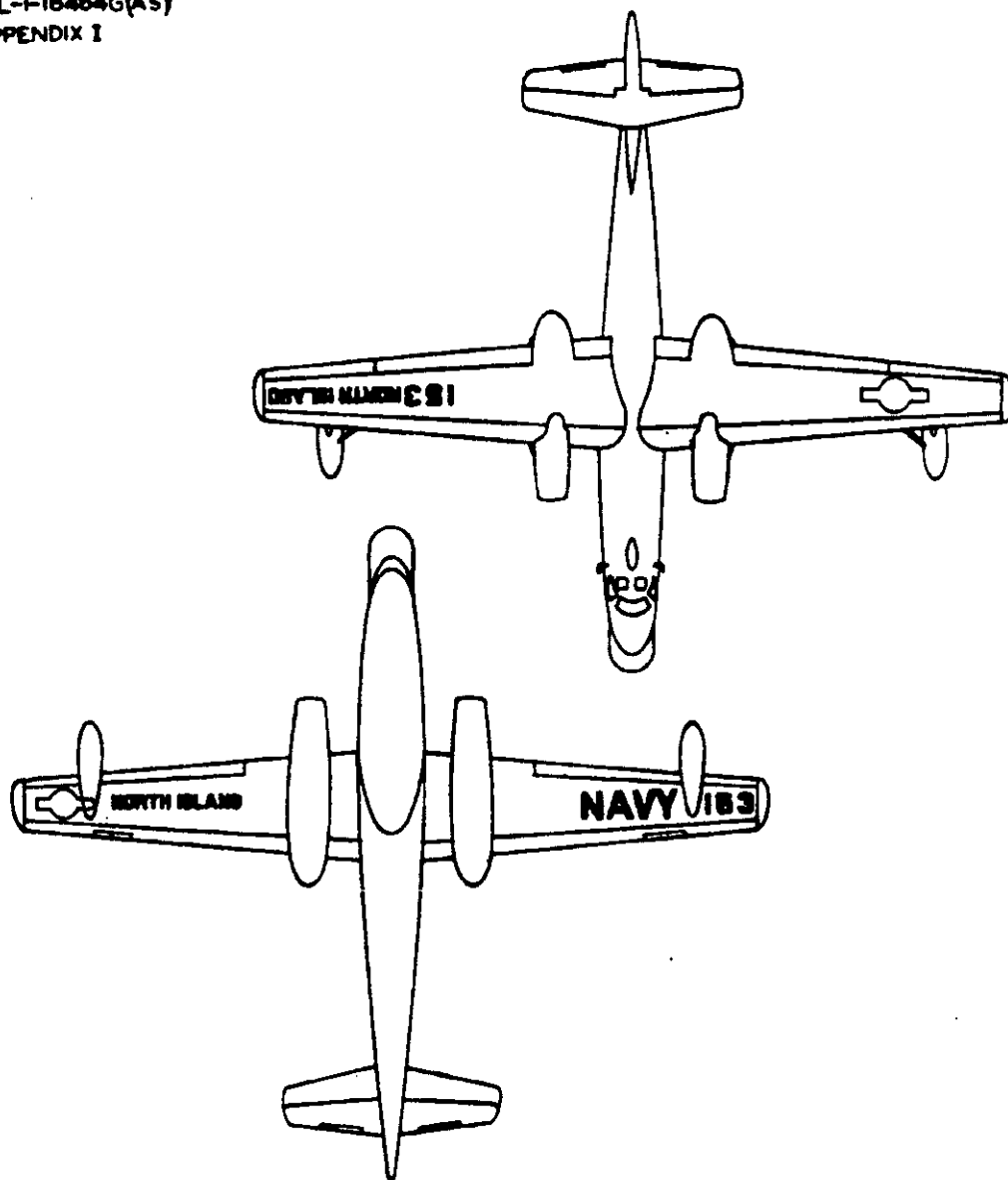
BOTTOM VIEW



EXAMPLE OF PATROL TYPE AIRCRAFT ATTACHED TO A NAVAL SQUADRON
FIGURE P-1

MIL-116464G(AS)
APPENDIX I

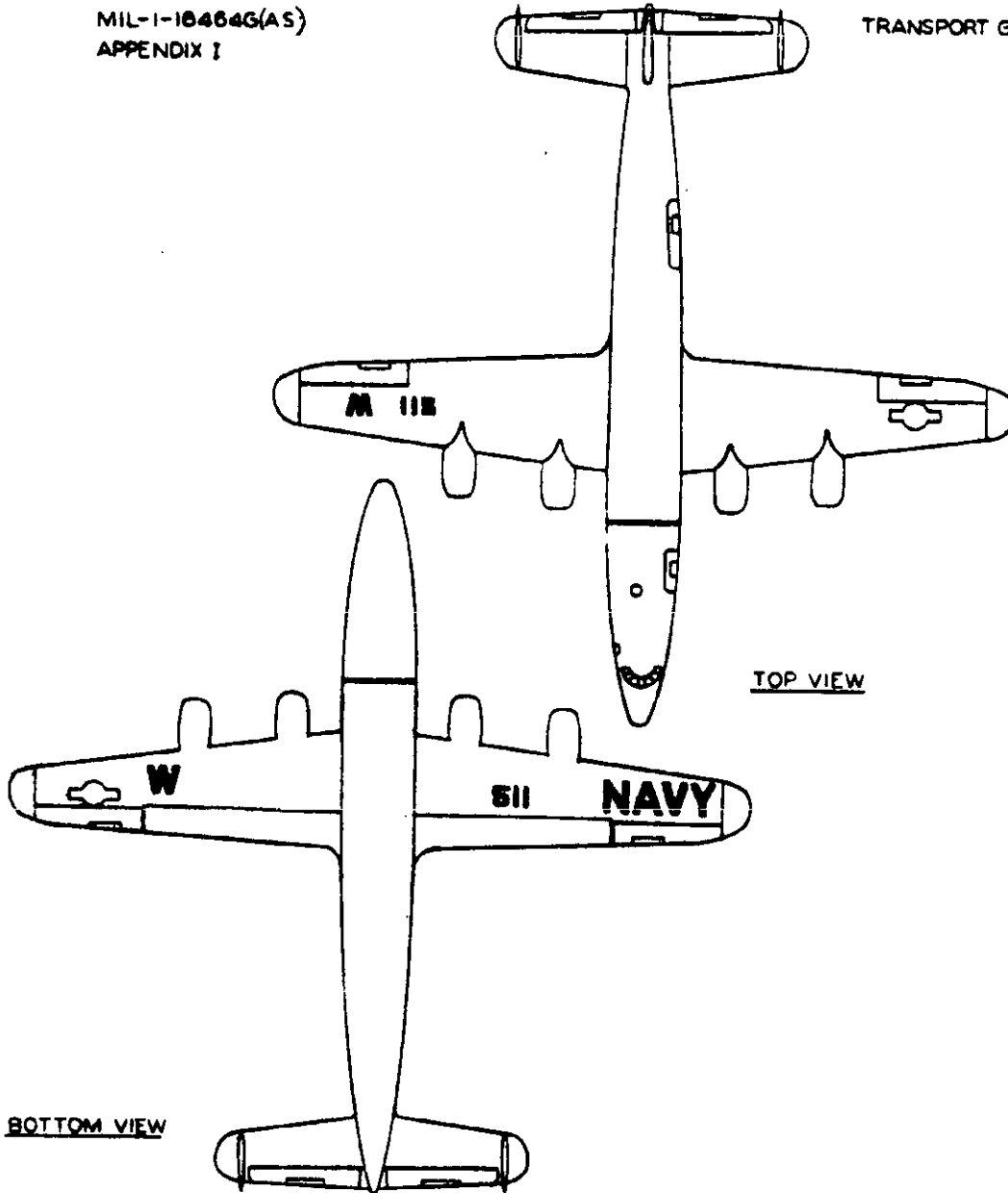
PATROL GROUP



EXAMPLE OF PATROL TYPE AIRCRAFT ATTACHED TO A NAVAL AIR STATION
FIGURE P-2

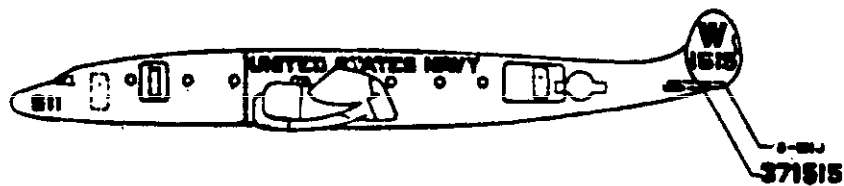
MIL-1-10464G(AS)
APPENDIX I

TRANSPORT GROUP



TOP VIEW

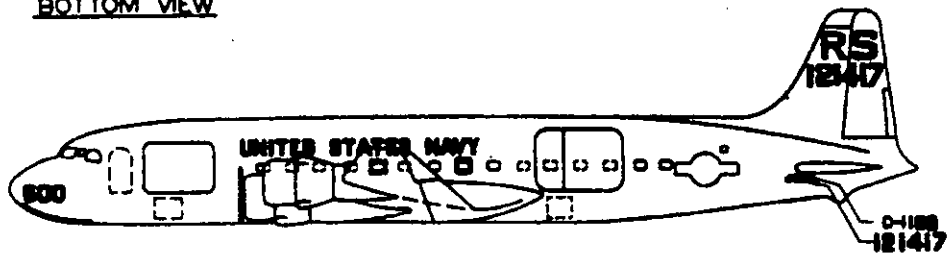
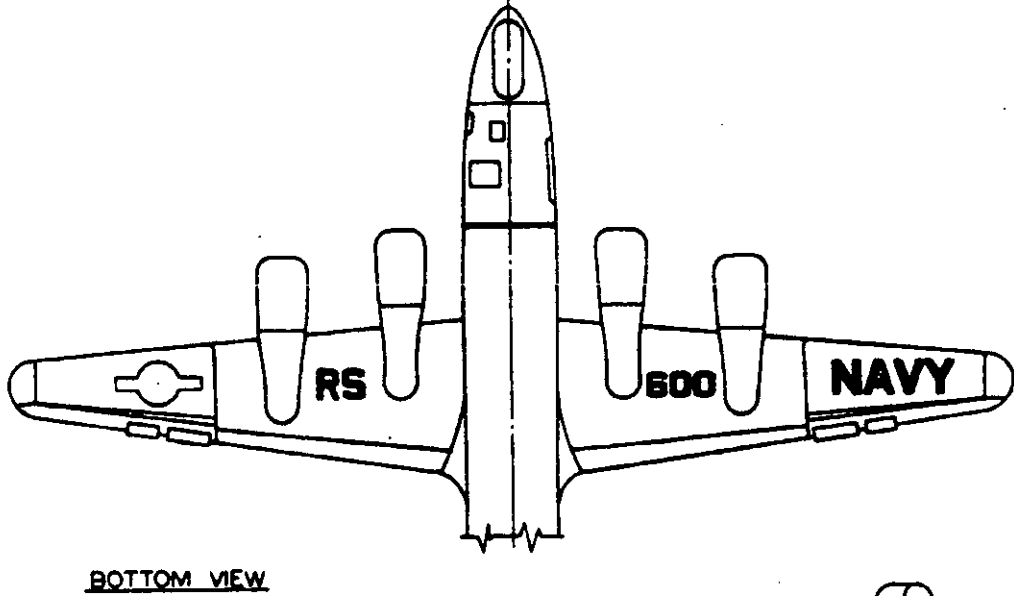
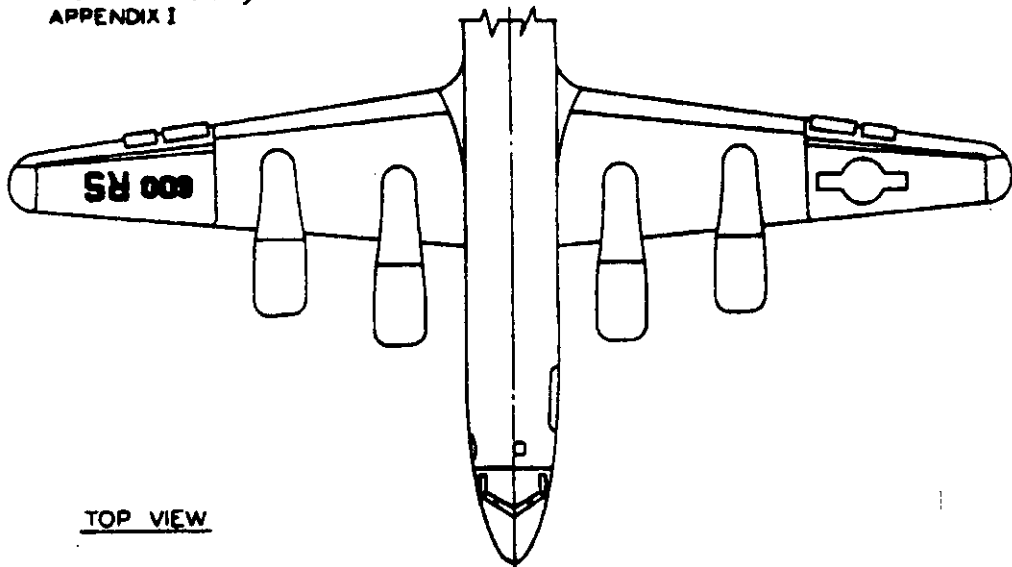
BOTTOM VIEW



EXAMPLE OF TRANSPORT TYPE AIRCRAFT ATTACHED TO A NAVAL SQUADRON
FIGURE R-1

ML-1-10464G (AS)
APPENDIX I

TRANSPORT GROUP

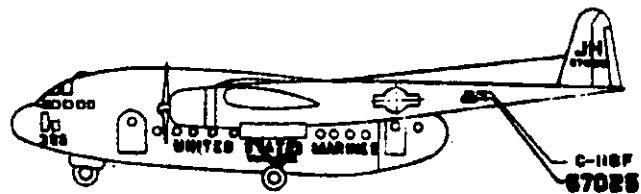
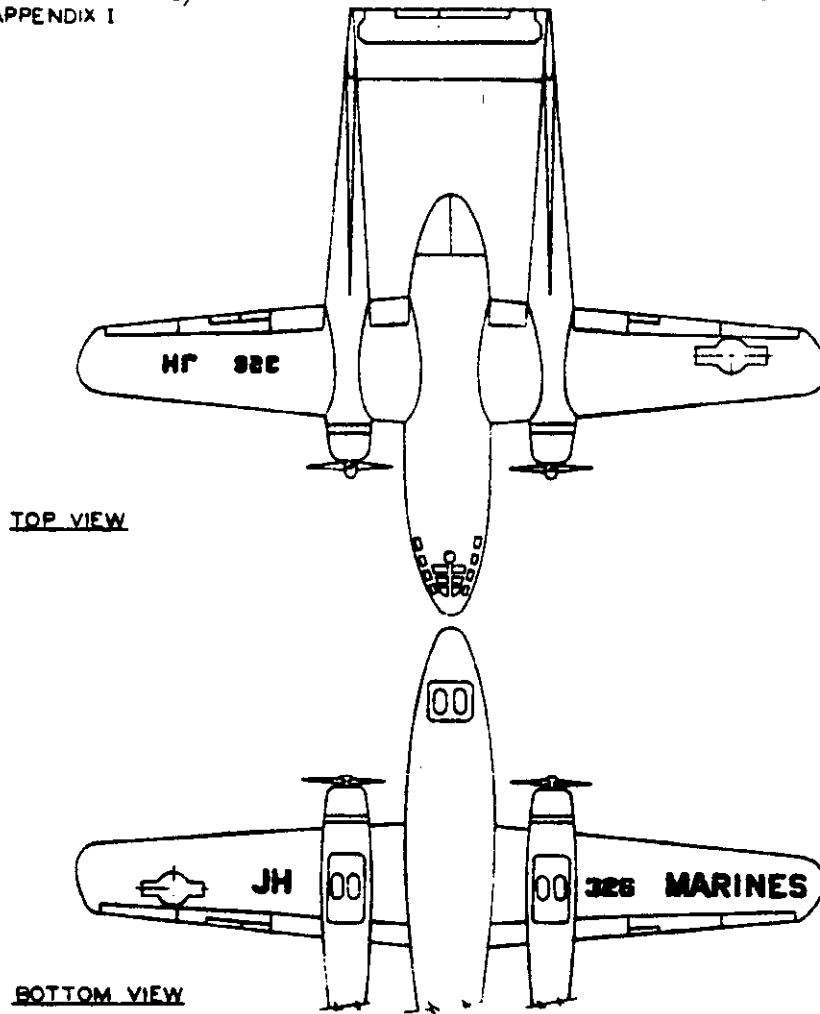


EXAMPLE OF TRANSPORT TYPE AIRCRAFT ATTACHED TO A NAVAL SQUADRON

FIGURE R-2

MIL-I-18464G (AS)
APPENDIX I

TRANSPORT GROUP

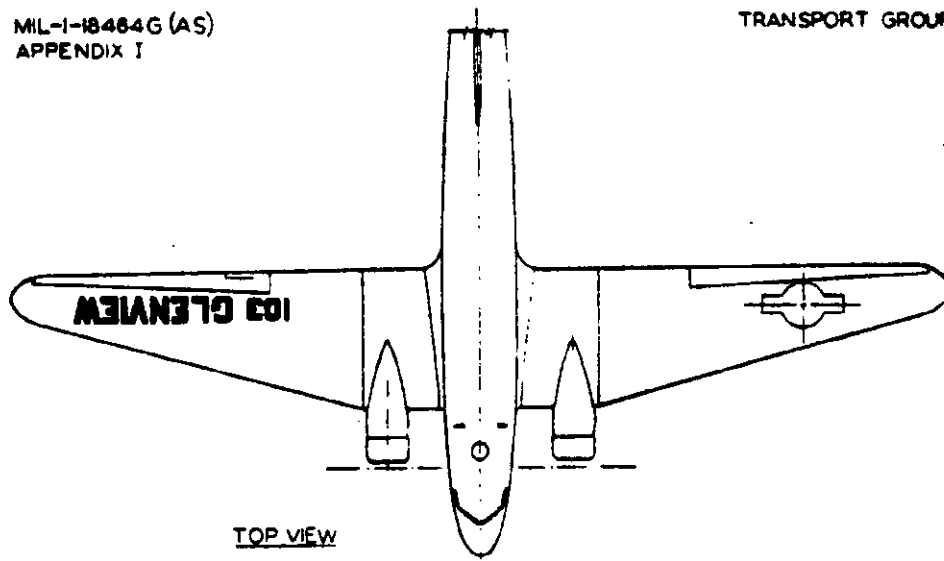


EXAMPLE OF HIGH WING TRANSPORT TYPE AIRCRAFT
ATTACHED TO A MARINE CORPS SQUADRON

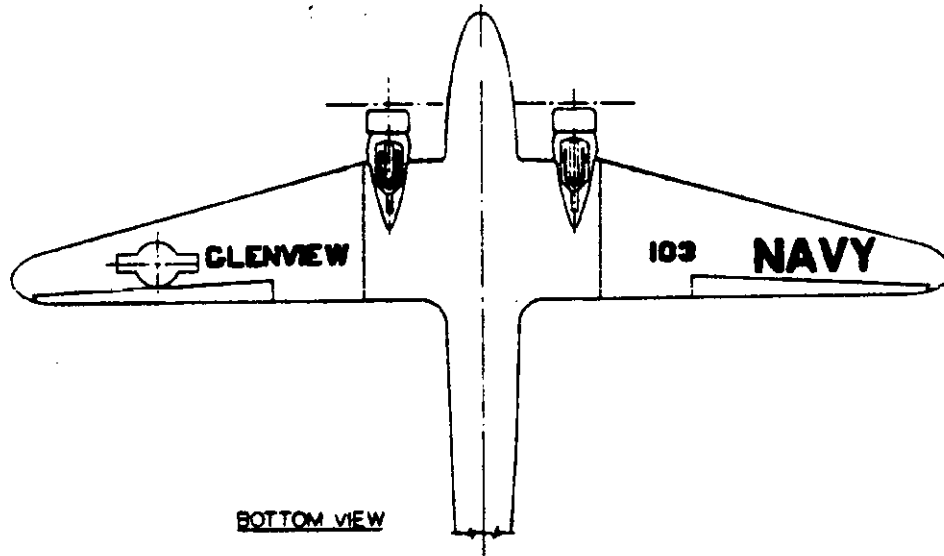
FIGURE R-3

MIL-I-18484G (AS)
APPENDIX I

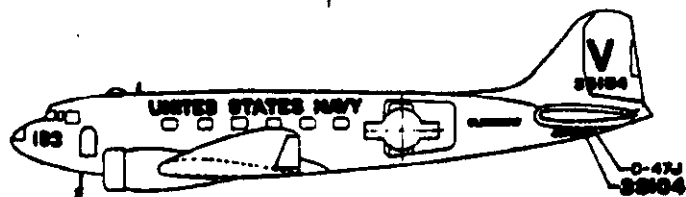
TRANSPORT GROUP



TOP VIEW



BOTTOM VIEW

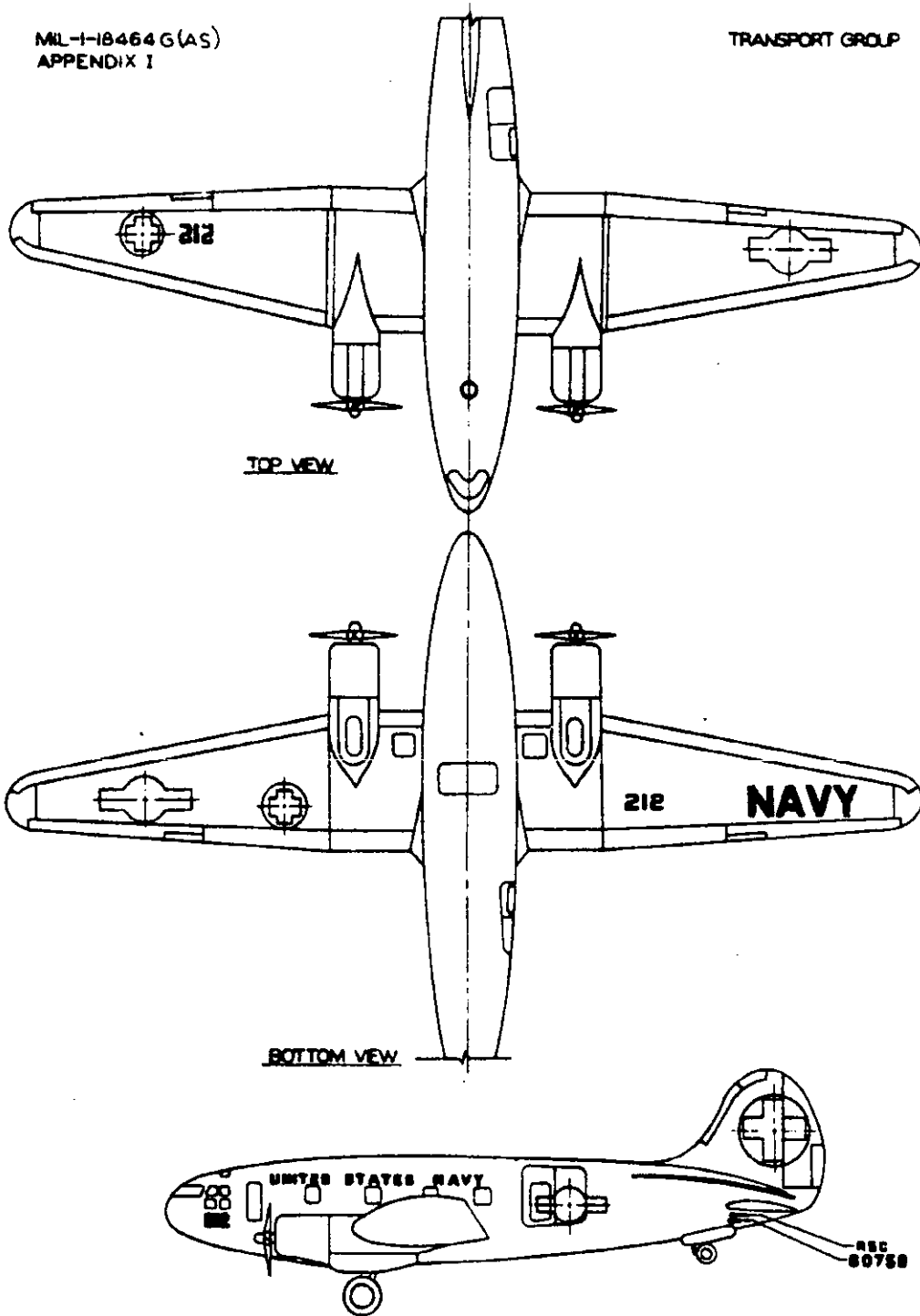


EXAMPLE OF TRANSPORT TYPE AIRCRAFT
ATTACHED TO A NAVAL RESERVE STATION

FIGURE R-4

MIL-I-18464 G(AS)
APPENDIX I

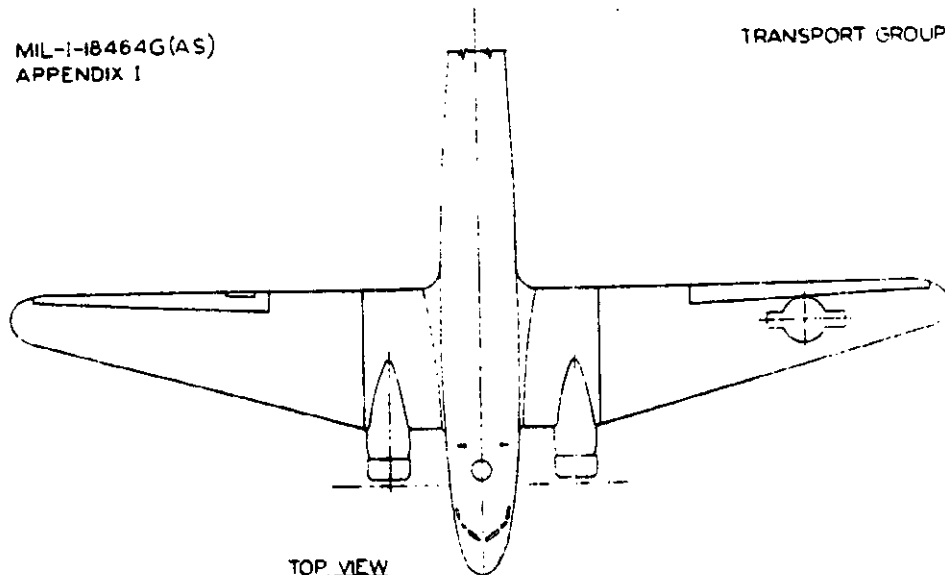
TRANSPORT GROUP



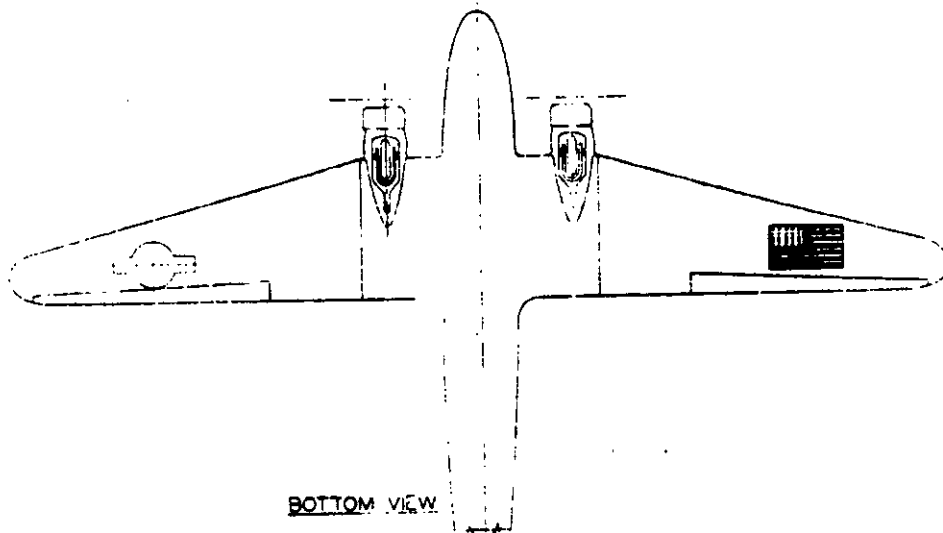
EXAMPLE OF TRANSPORT TYPE AIRCRAFT
EMPLOYED AS A UNITED STATES NAVY HOSPITAL PLANE
FIGURE R-5

MIL-I-18464G(AS)
APPENDIX I

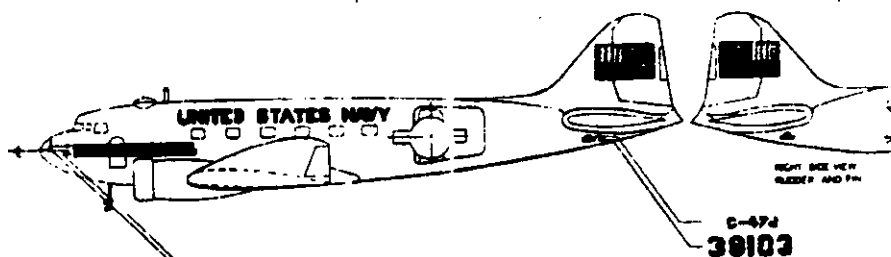
TRANSPORT GROUP



TOP VIEW



BOTTOM VIEW

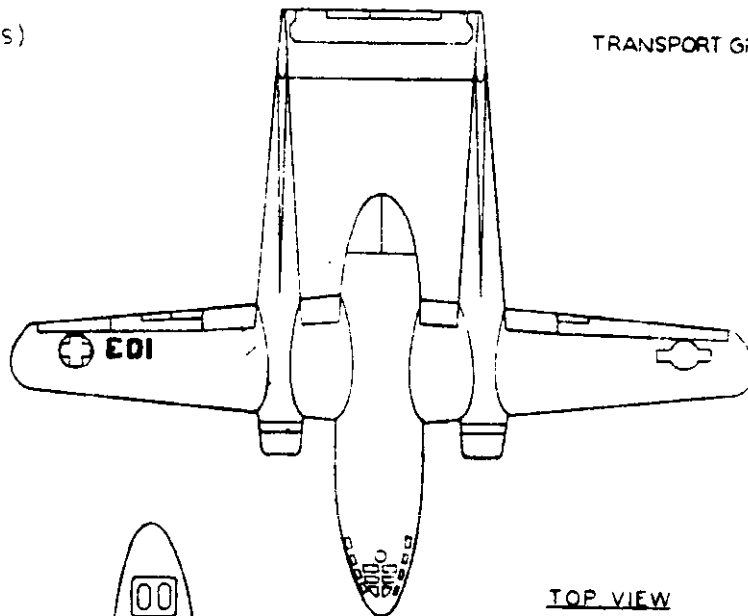


UNITED STATES NAVAL ATTACHE TO FRANCE
NAVAL ATTACHE DES ETATS UNIS EN FRANCE

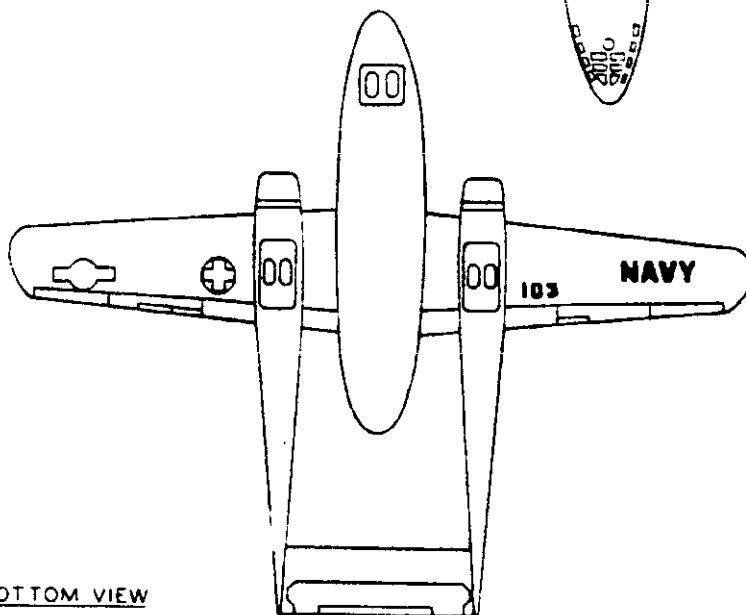
EXAMPLE OF TRANSPORT TYPE AIRCRAFT ATTACHED TO ALUSNA
SEE TABLE I
FIGURE R-6

MIL-I-18464G(AS)
APPENDIX I

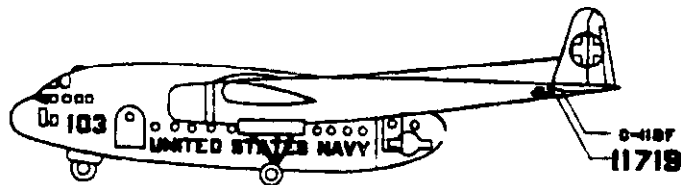
TRANSPORT GROUP



TOP VIEW



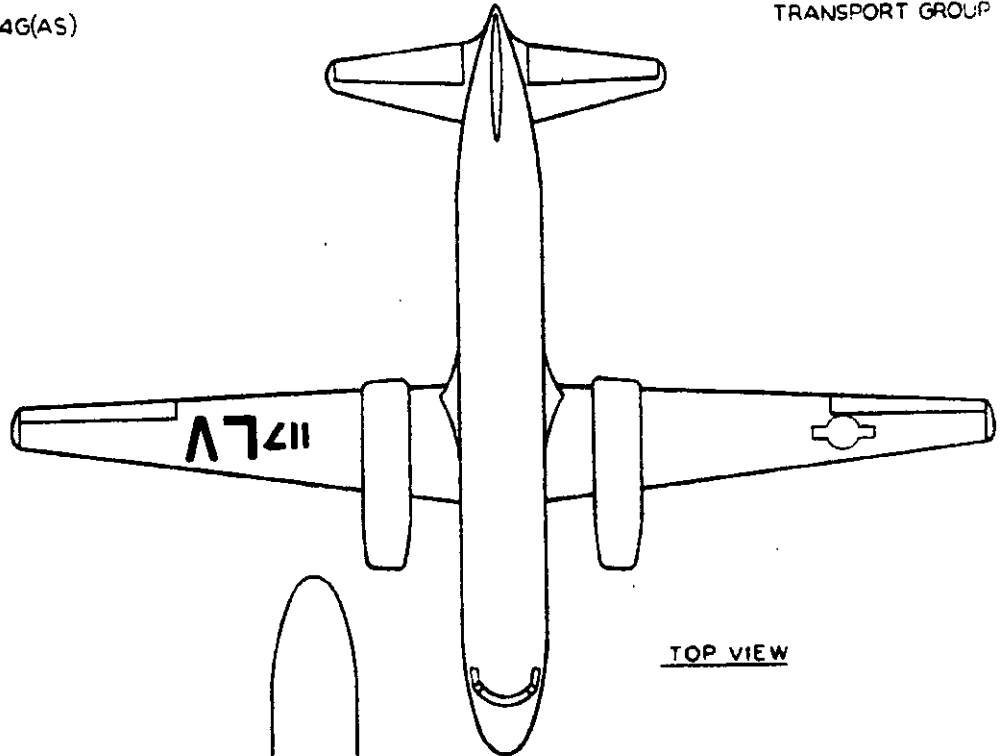
BOTTOM VIEW



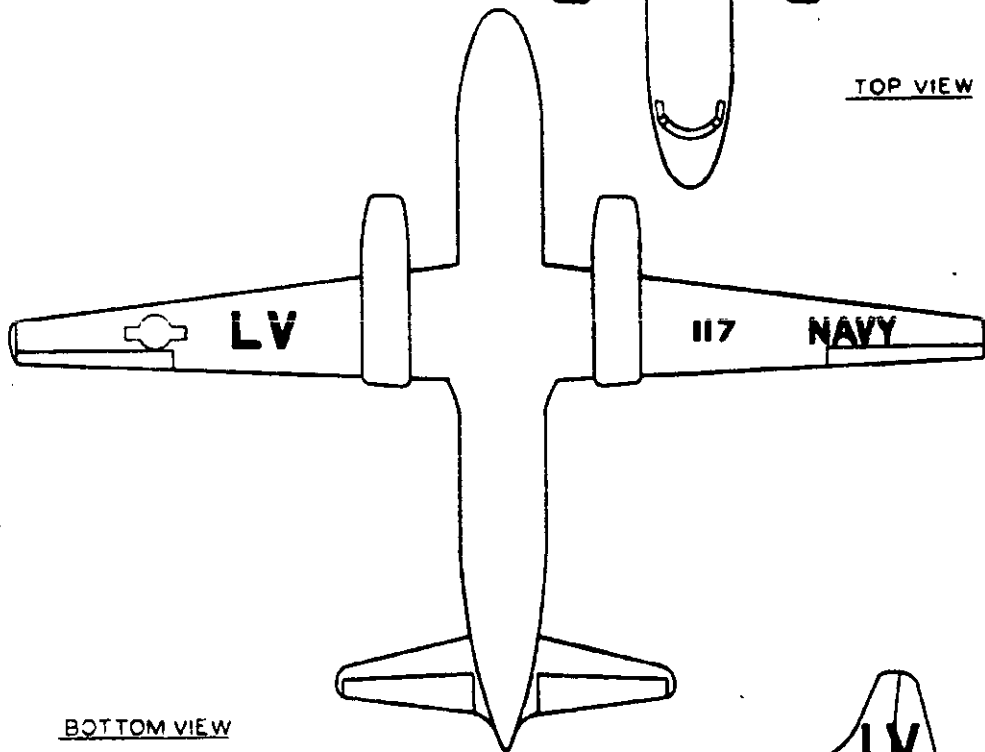
EXAMPLE OF TRANSPORT TYPE AIRCRAFT
EMPLOYED AS A UNITED STATES NAVY HOSPITAL PLANE
FIGURE R-7

MIL-1-18464G(AS)
APPENDIX I

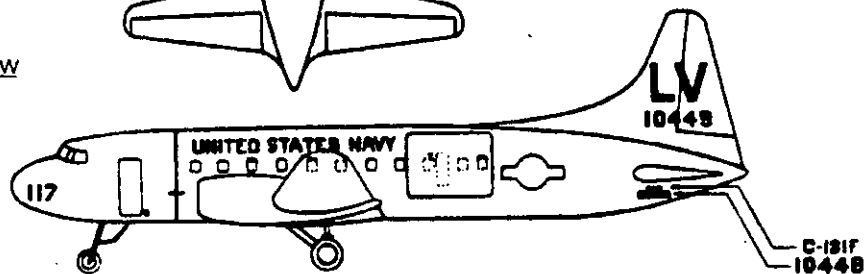
TRANSPORT GROUP



TOP VIEW



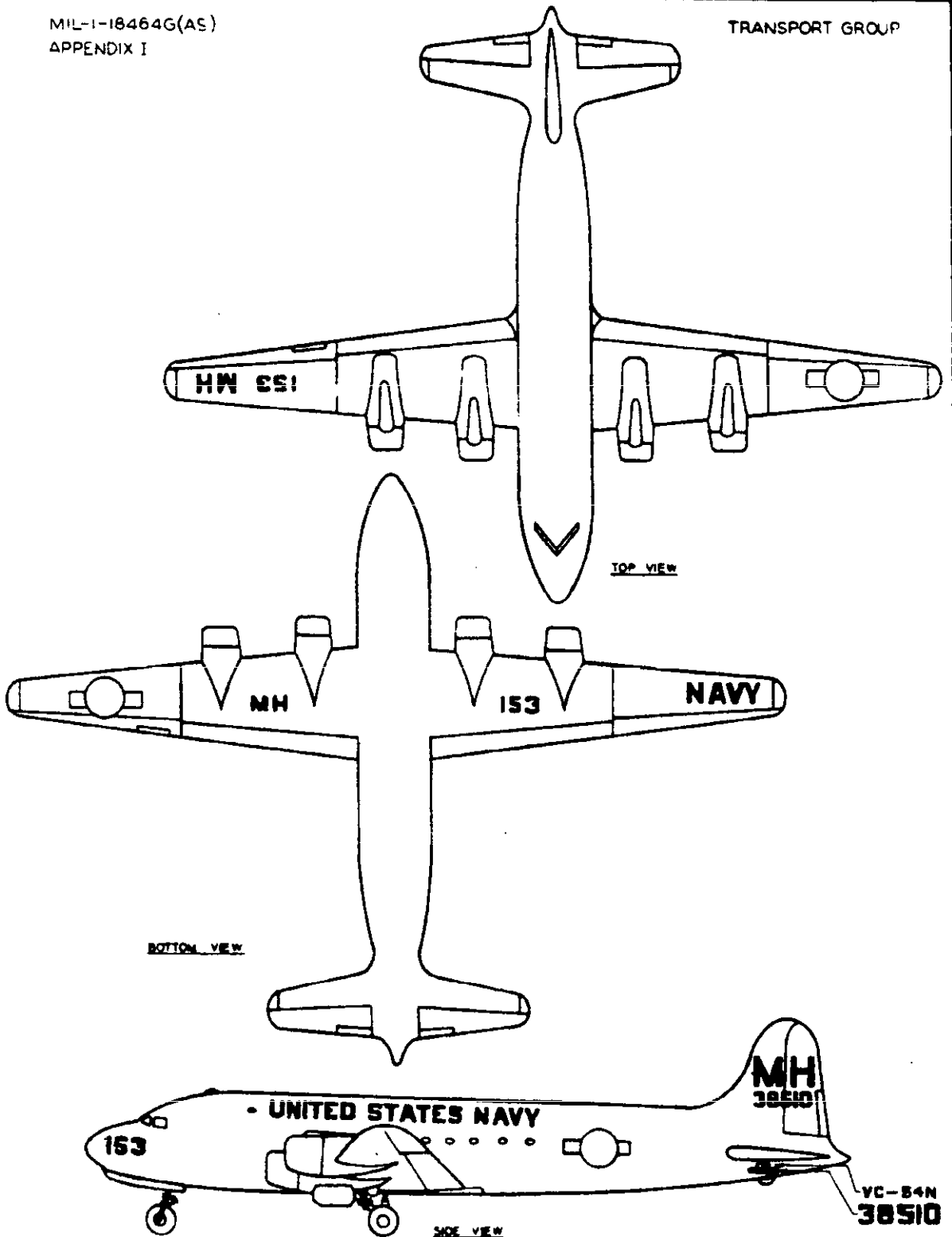
BOTTOM VIEW



EXAMPLE OF TRANSPORT TYPE AIRCRAFT ATTACHED TO A NAVAL SQUADRON
FIGURE R-8

MIL-I-18464G(AS)
APPENDIX I

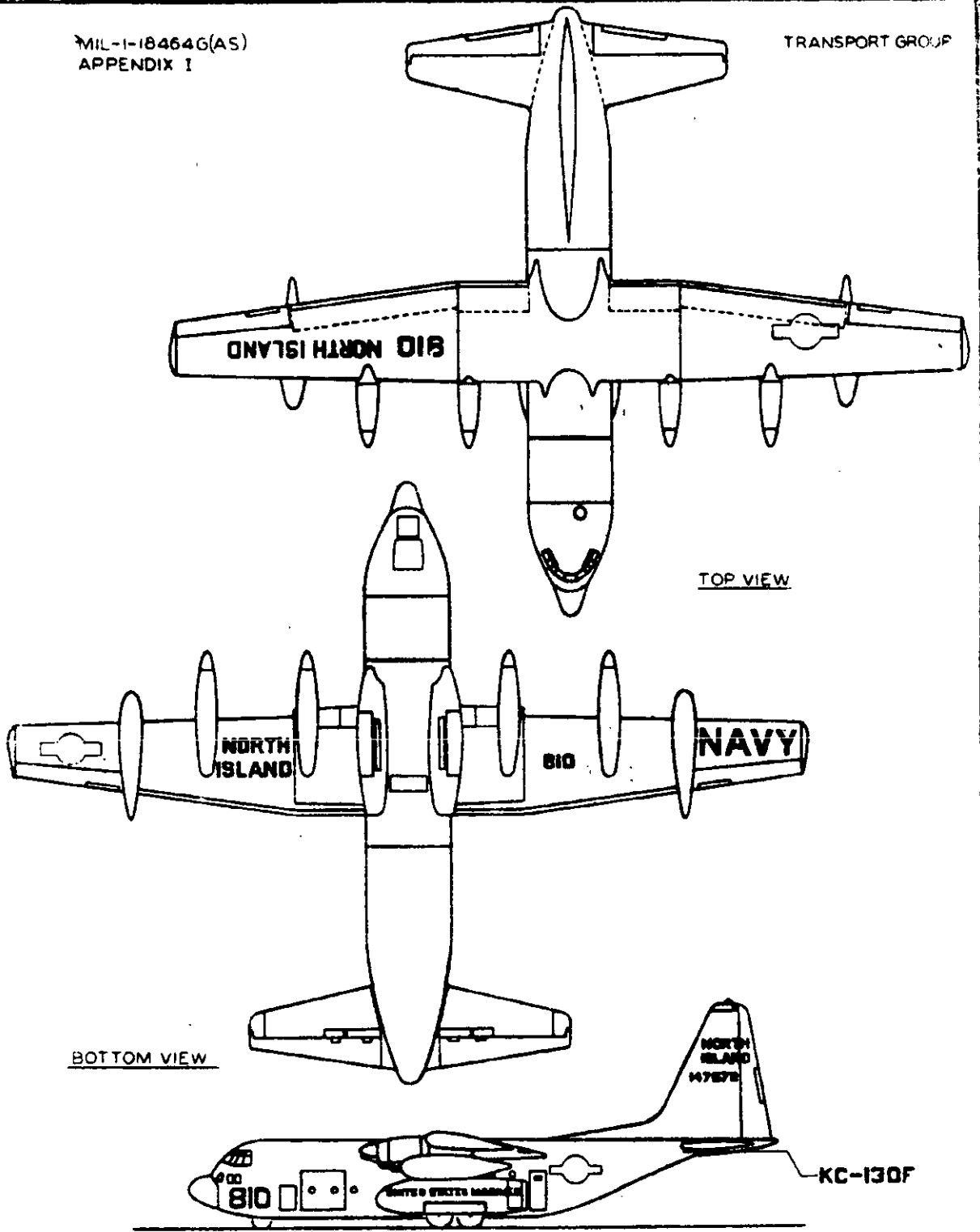
TRANSPORT GROUP



EXAMPLE OF TRANSPORT TYPE AIRCRAFT ATTACHED TO A NAVAL SQUADRON
FIGURE R-9

MIL-1-18464G(AS)
APPENDIX I

TRANSPORT GROUP



TOP VIEW

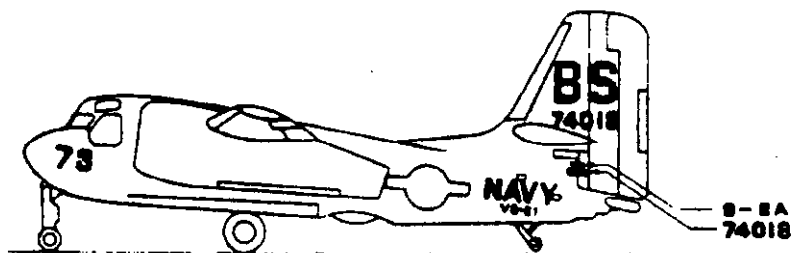
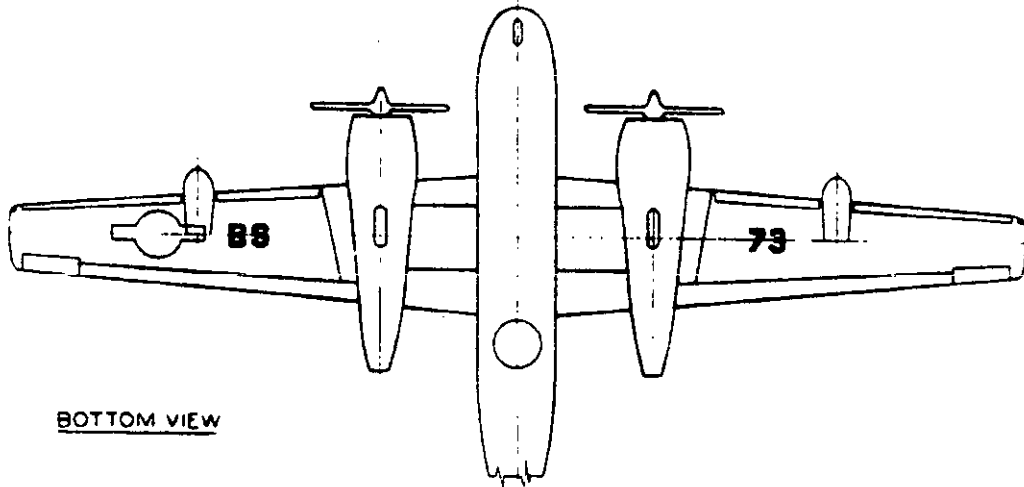
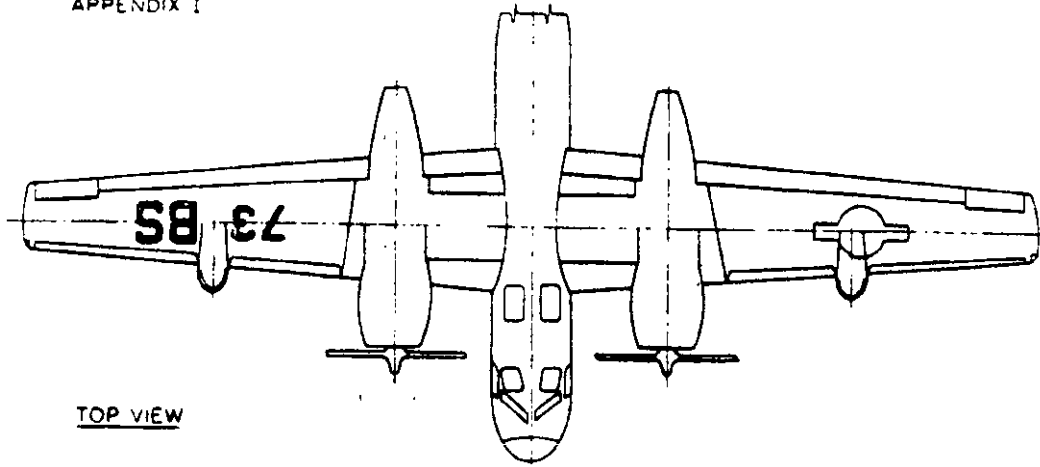
BOTTOM VIEW

KC-130F

EXAMPLE OF HIGH WING TRANSPORT TYPE AIRCRAFT
ATTACHED TO A NAVAL AIR STATION
FIGURE R-10

MIL-I-18464G(AS)
APPENDIX I

SUBMARINE SEARCH AND ATTACK GROUP

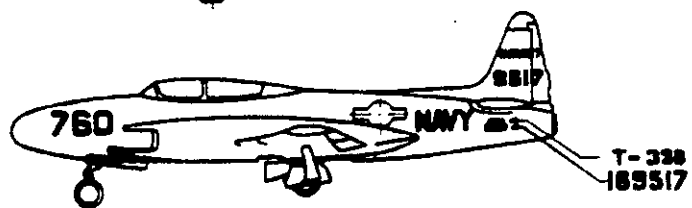
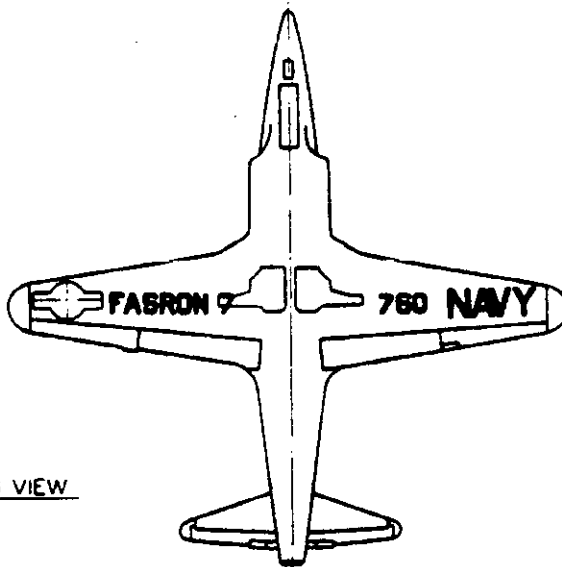
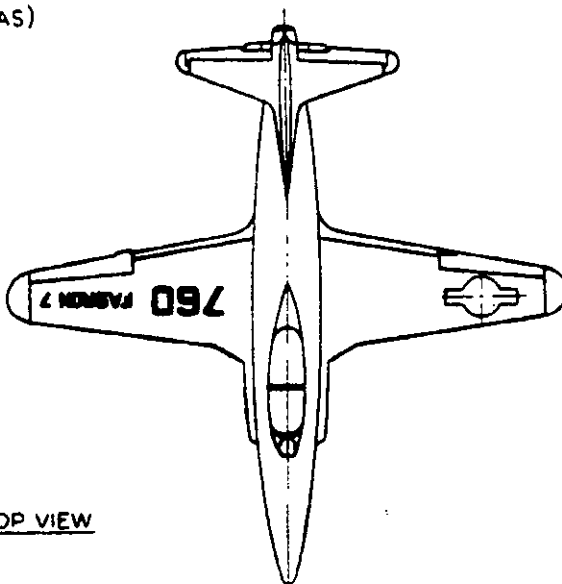


EXAMPLE OF SUBMARINE SEARCH AND ATTACK TYPE AIRCRAFT ATTACHED TO A NAVAL SQUADRON

FIGURE 5-1

MIL-I-18464G(AS)
APPENDIX I

TRAINER GROUP

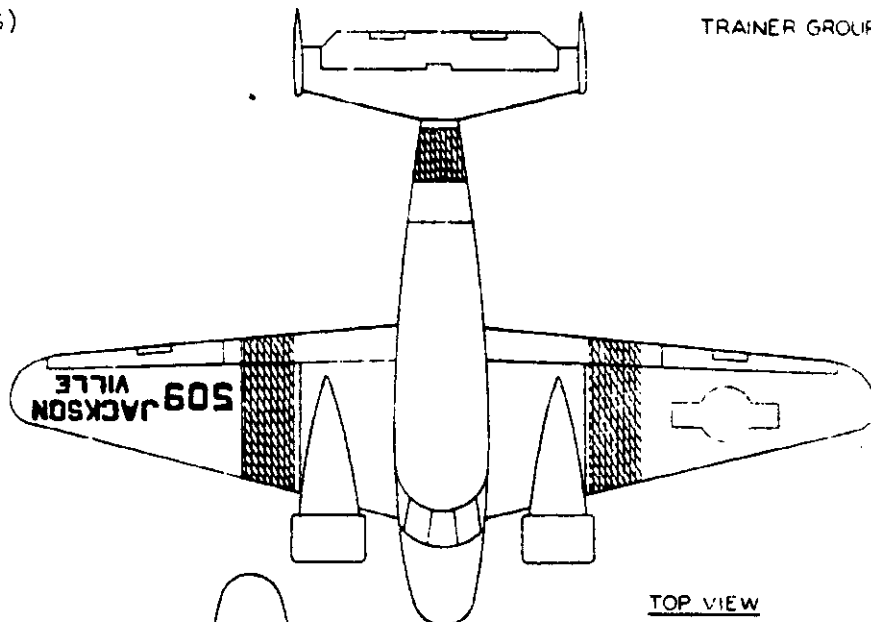


EXAMPLE OF TRAINER TYPE AIRCRAFT ATTACHED TO A NAVAL SQUADRON

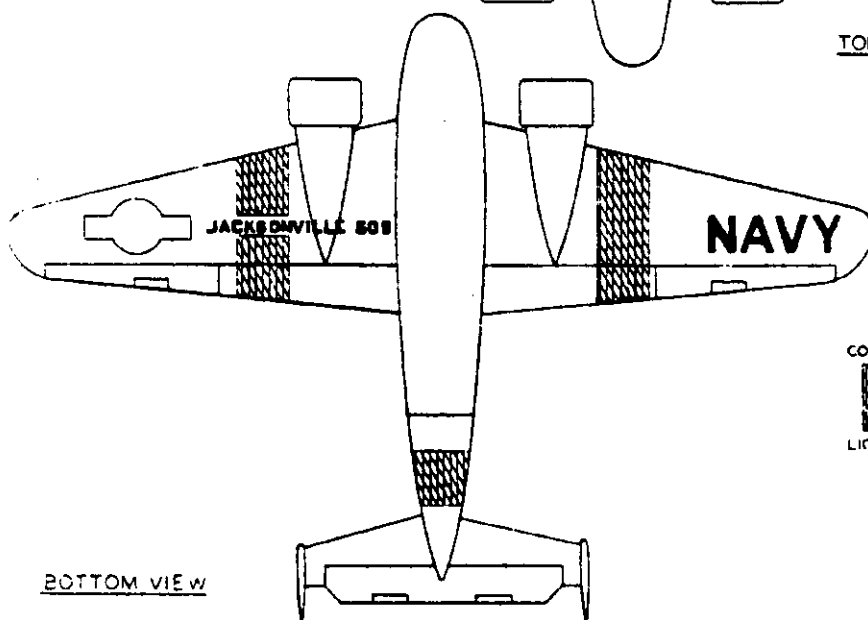
FIGURE T-1

MIL-STD-18464G(AS)
APPENDIX I

TRAINER GROUP



TOP VIEW

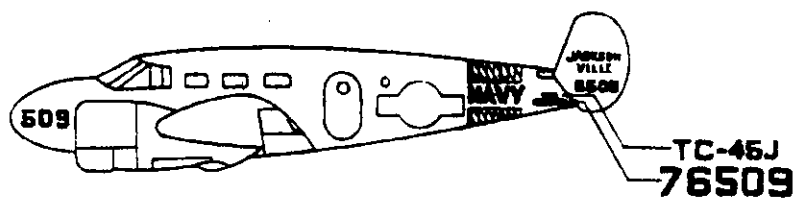


BOTTOM VIEW

COLOR CODE



LIGHT GREEN



TC-45J
76509

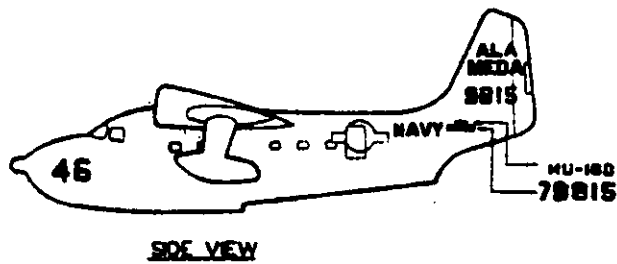
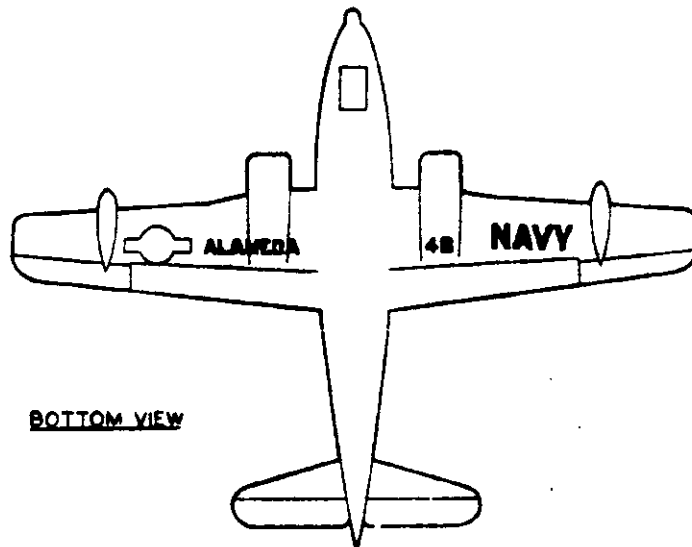
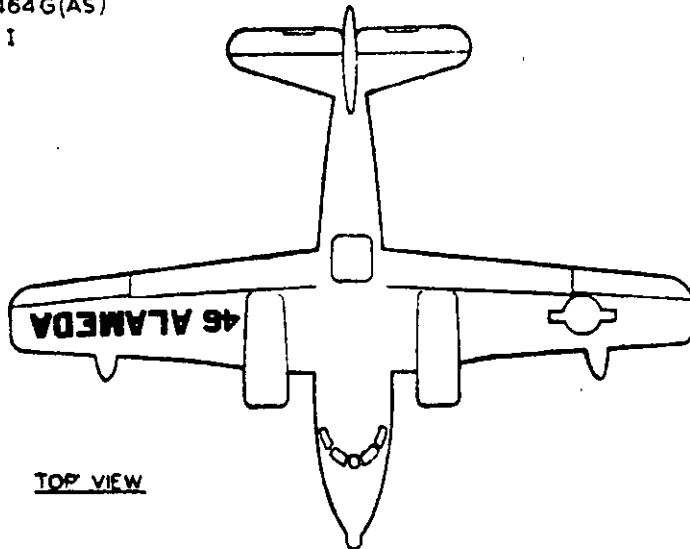
EXAMPLE OF TRAINER TYPE AIRCRAFT ATTACHED TO A NAVAL AIR STATION
SHOWING INSTRUMENT FLYING MARKINGS

FIGURE T-2

511B

MIL-I-18464G(AS)
APPENDIX I

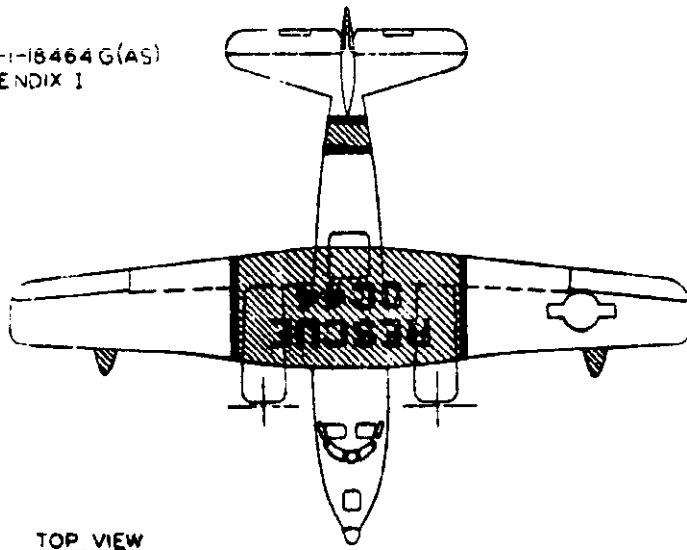
UTILITY GROUP



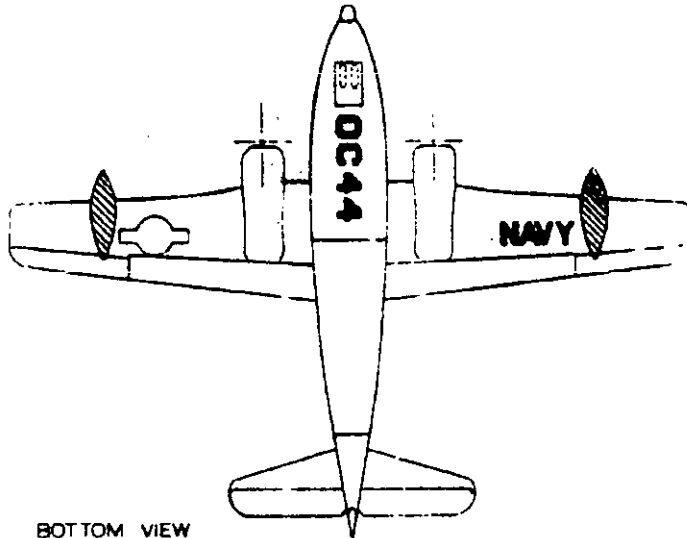
EXAMPLE OF UTILITY AIRCRAFT ATTACHED TO A NAVAL AIR STATION
FIGURE U-1

MIL-I-18464 G(AS)
APPENDIX I

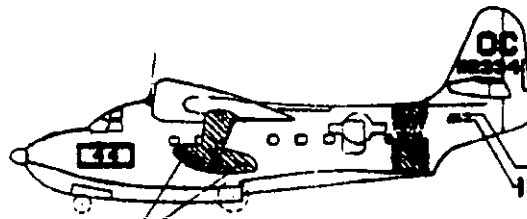
UTILITY GROUP



TOP VIEW



BOTTOM VIEW



STATION NO. IN LETTERS

MODEL
112334

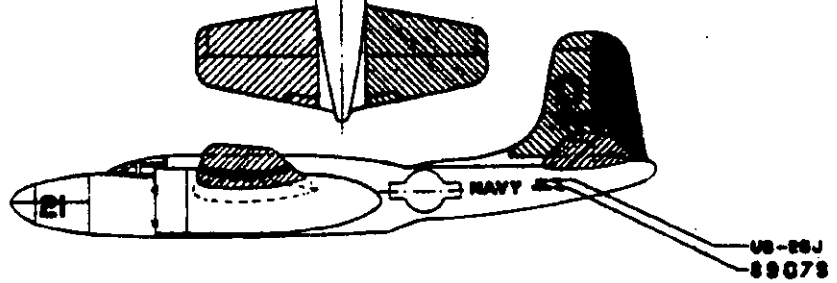
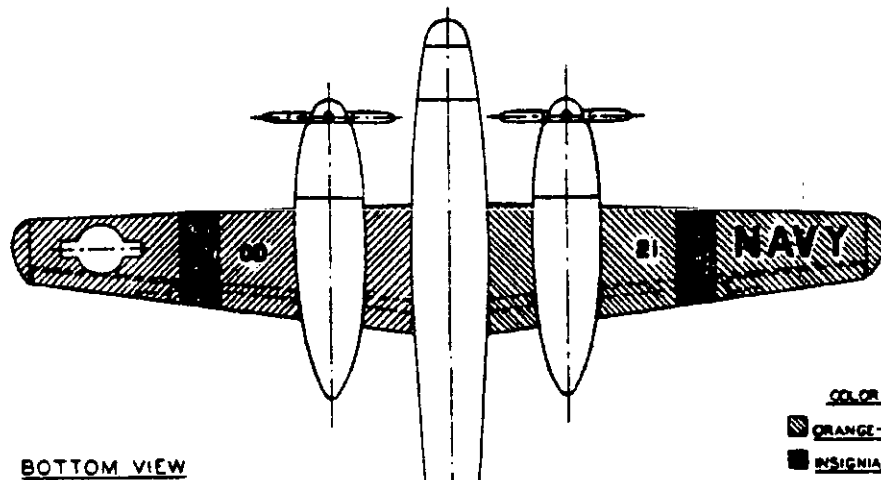
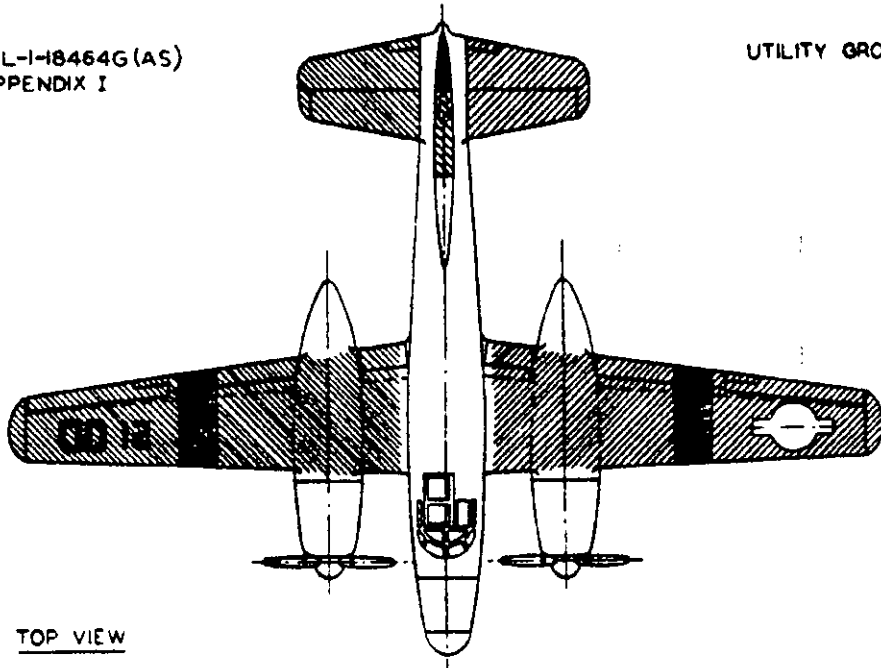
MARKING AS SHOWN IN TOP VIEW
NOT APPLICABLE TO MODEL HU-16C

EXAMPLE OF UTILITY TYPE AIRCRAFT ATTACHED TO A NAVAL SQUADRON
SHOWING AIR SEA RESCUE MARKINGS

FIGURE U-2

MIL-I-18464G(AS)
APPENDIX I

UTILITY GROUP

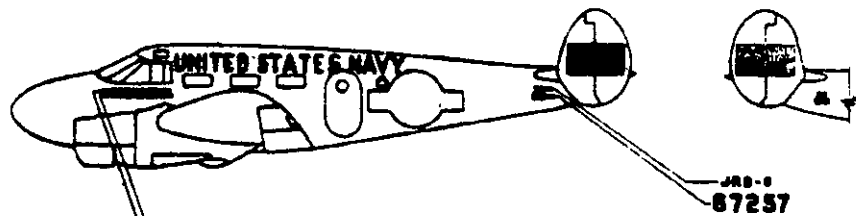
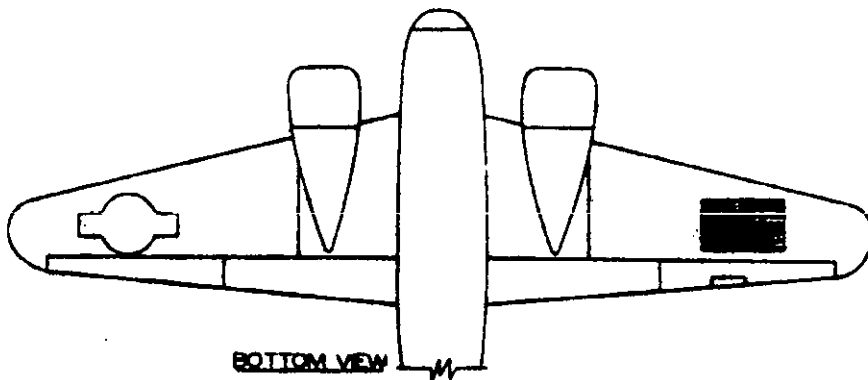
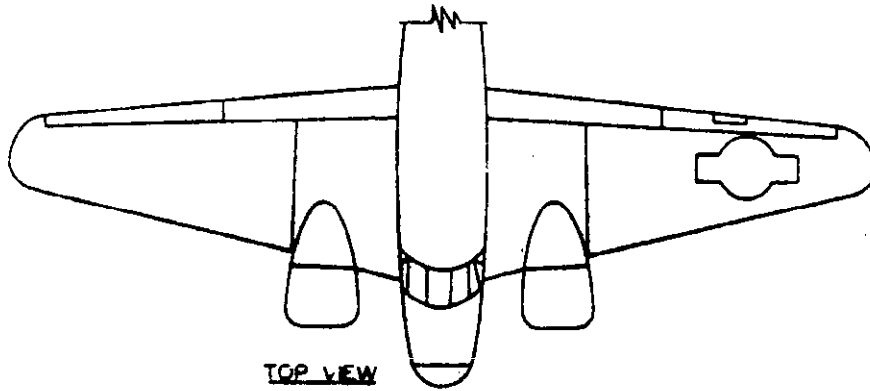


EXAMPLE OF UTILITY TYPE AIRCRAFT ATTACHED TO A NAVAL SQUADRON
WITH COLOR MARKINGS TO IDENTIFY AS A TARGET TOWING AIRPLANE

FIGURE U-3

MIL-I-18464G (AS)
APPENDIX J

UTILITY GROUP

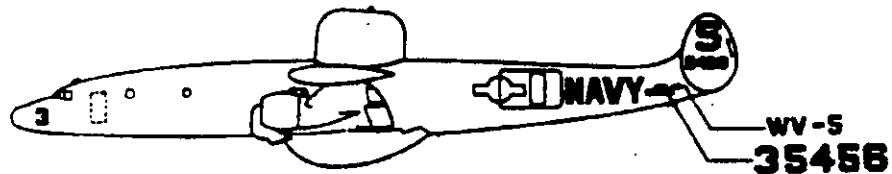
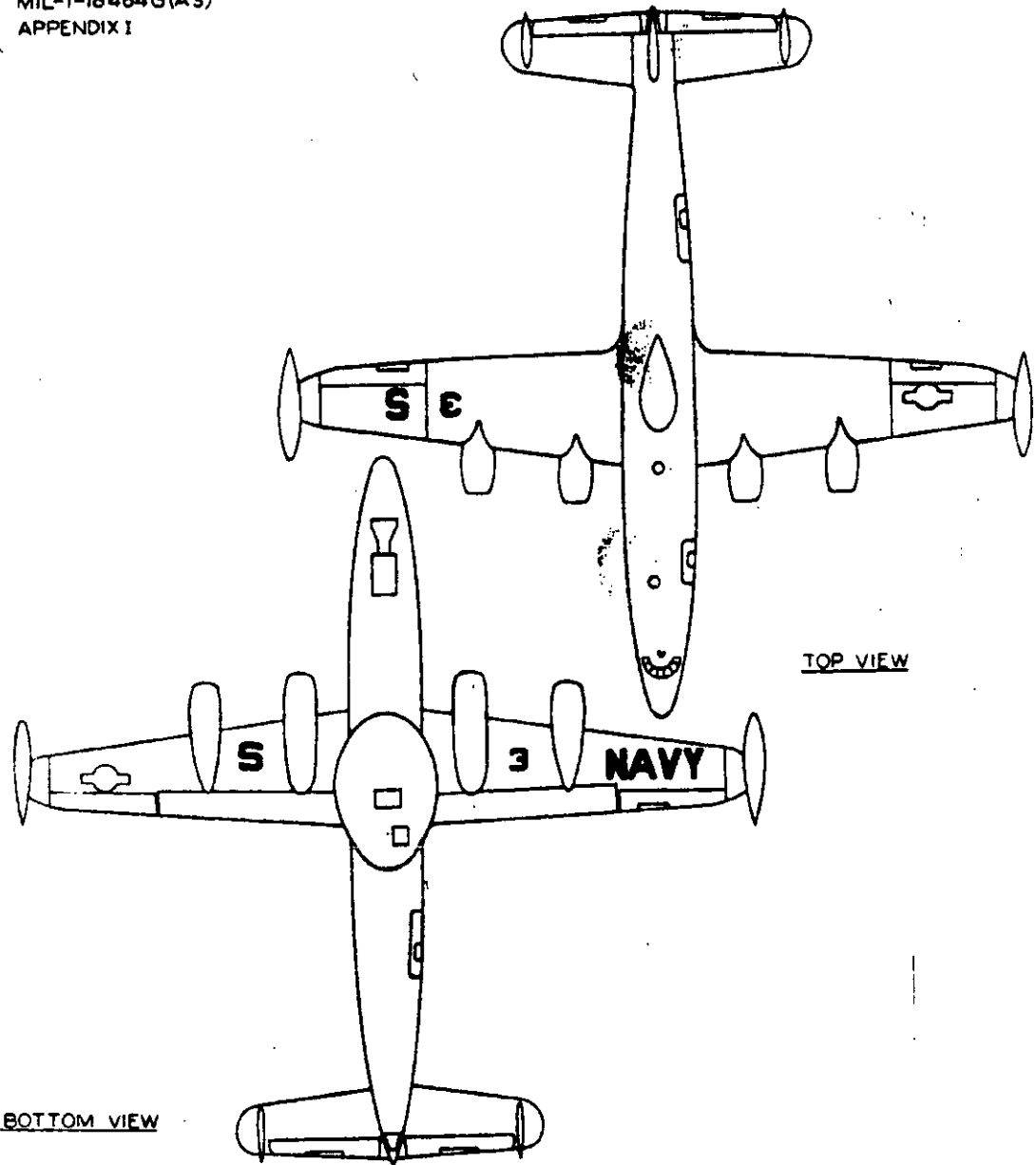


UNITED STATES NAVAL ATTACHE' TO FRANCE
NAVAL ATTACHE' DES ETATS UNIS EN FRANCE

EXAMPLE OF UTILITY TYPE AIRCRAFT ATTACHED TO ALLSNA
SEE TABLE I
FIGURE U-4.

MIL-I-18464G(AS)
APPENDIX I

EARLY WARNING GROUP

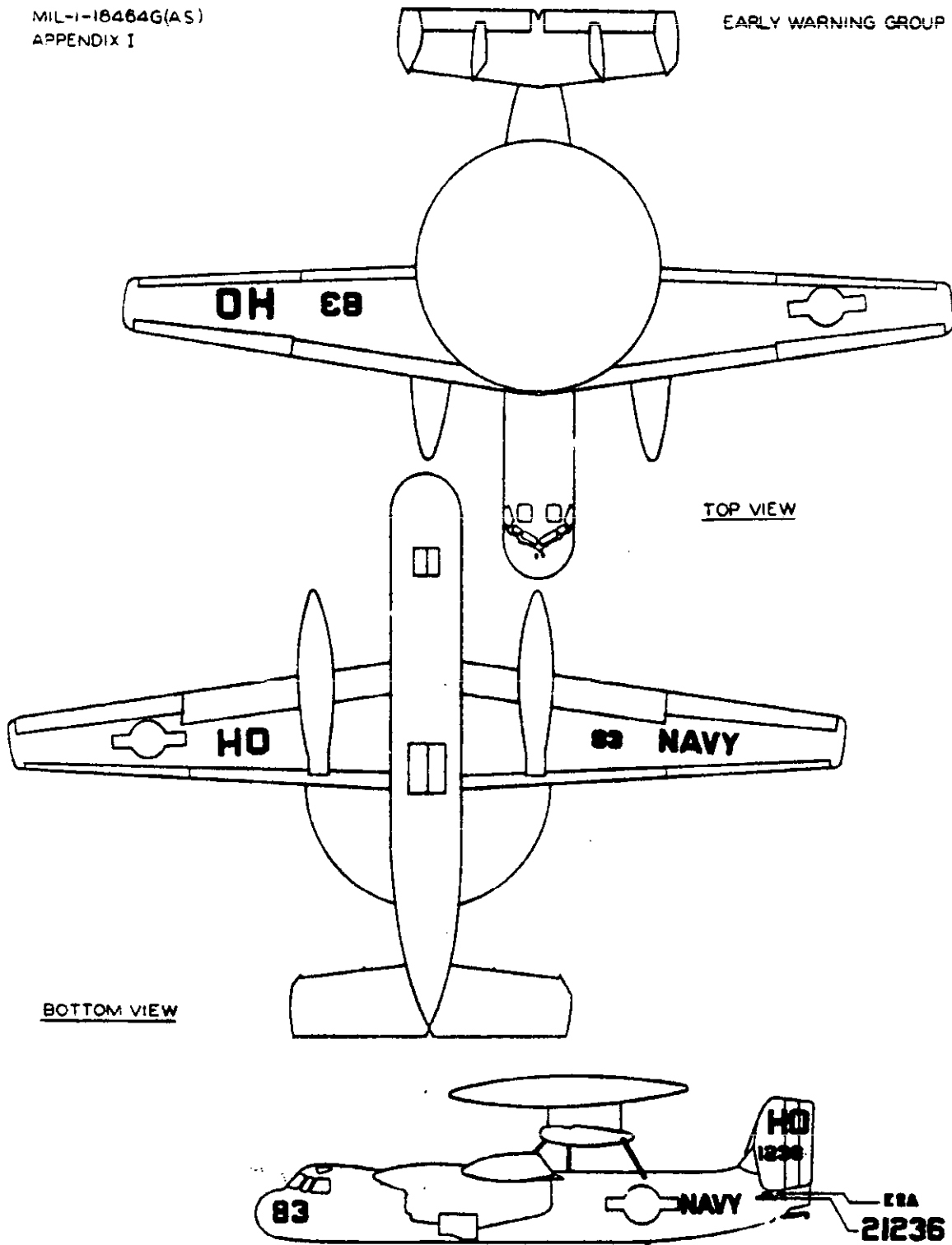


EXAMPLE OF EARLY WARNING TYPE AIRCRAFT ATTACHED TO A NAVAL SQUADRON
FIGURE W-1

WV-2

MIL-I-18464G(AS)
APPENDIX I

EARLY WARNING GROUP



EXAMPLE OF EARLY WARNING TYPE AIRCRAFT ATTACHED TO A NAVAL SQUADRON
FIGURE W-2

W2F-1

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

(See Instructions - Reverse Side)

1. DOCUMENT NUMBER	2. DOCUMENT TITLE
3a. NAME OF SUBMITTING ORGANIZATION	4. TYPE OF ORGANIZATION <i>(Mark one)</i> <input type="checkbox"/> VENDOR <input type="checkbox"/> USER <input type="checkbox"/> MANUFACTURER <input type="checkbox"/> OTHER <i>(Specify):</i> _____
b. ADDRESS <i>(Street, City, State, ZIP Code)</i>	
5. PROBLEM AREAS	
a. Paragraph Number and Wording:	
b. Recommended Wording:	
c. Reason/Rationale for Recommendation:	
6. REMARKS	
7a. NAME OF SUBMITTER <i>(Last, First, MI) - Optional</i>	b. WORK TELEPHONE NUMBER <i>(Include Area Code) - Optional</i>
c. MAILING ADDRESS <i>(Street, City, State, ZIP Code) - Optional</i>	B. DATE OF SUBMISSION <i>(YYMMDD)</i>

(TO DETACH THIS FORM, CUT ALONG THIS LINE.)