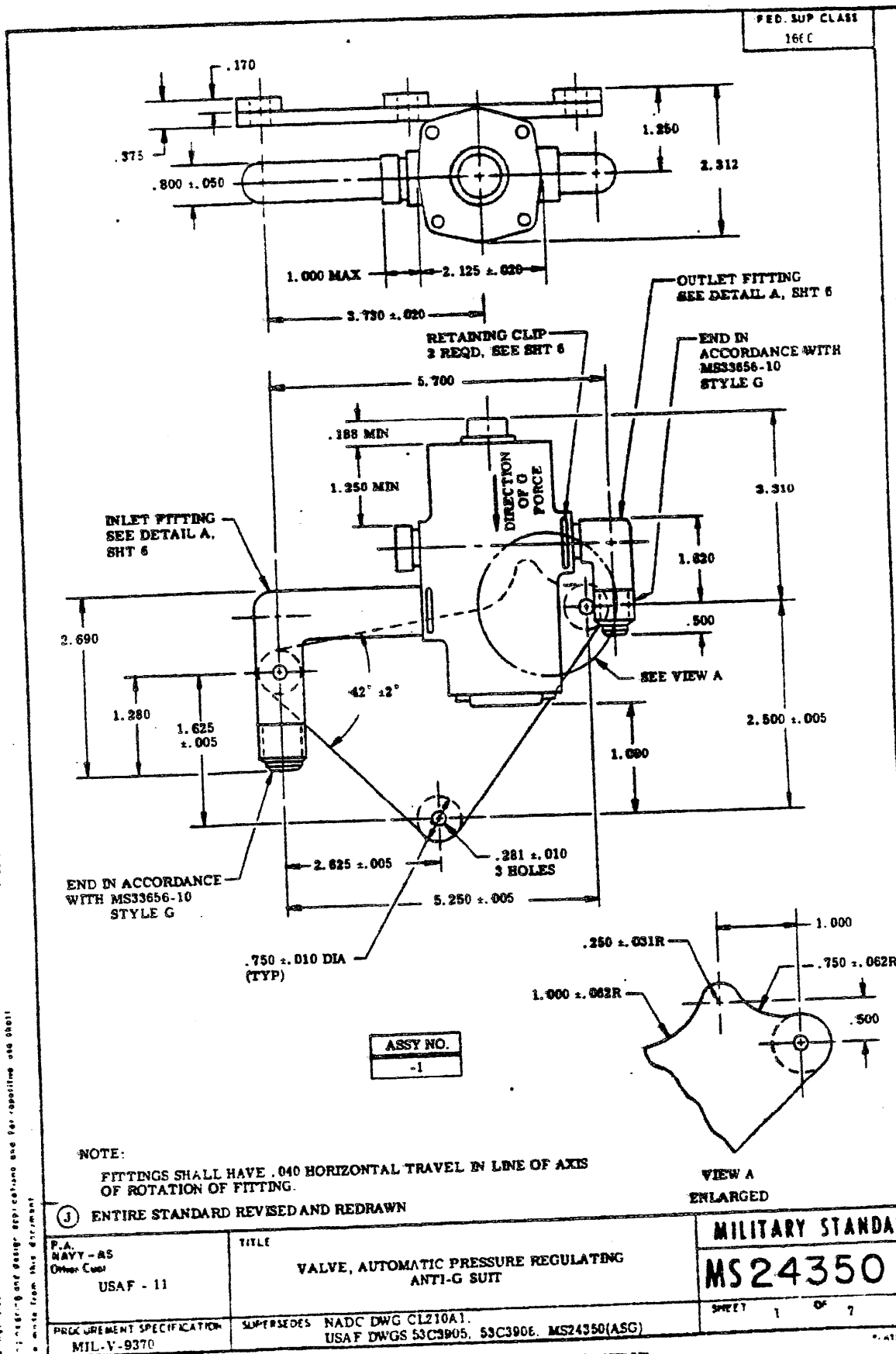


USAF 9709 01.7

REVISIONS SYMBOLS:
NAVY - AS
USAF - 11, 71

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Per future coordination of changes to this document, draft circulation
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Not to be used in design or assembly for use by all Departments
in agencies of the Department of Defense. Selection for all new
designs and design applications and for replacing old shell
is made from this document.



NOTE:

FITTINGS SHALL HAVE .040 HORIZONTAL TRAVEL IN LINE OF AXIS
OF ROTATION OF FITTING.

① ENTIRE STANDARD REVISED AND REDRAWN

P.A.
NAVY - AS
Other Code
USAF - 11

TITLE

VALVE, AUTOMATIC PRESSURE REGULATING
ANTI-G SUIT

PROCUREMENT SPECIFICATION
MIL-V-9370

SUPERSEDES NADC DWG CL210A1.
USAF DWGS 53C3905, 53C3906, MS24350(ASG)

MILITARY STANDARD

MS24350

SHEET 1 OF 7

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS STANDARD ARE OBSOLETE

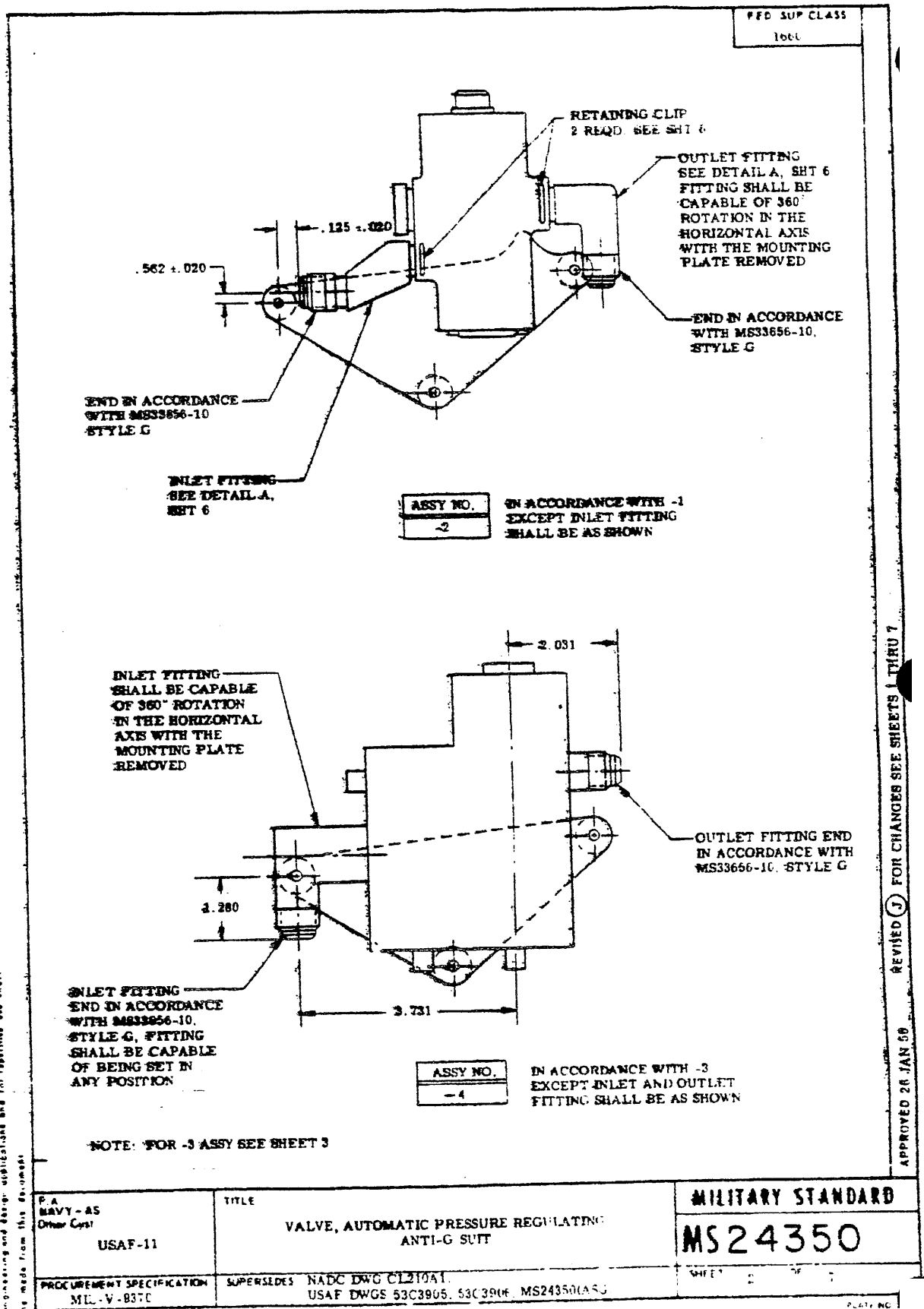
APPROVED 26 JAN 56 REVISED (J) 18 FEB 75

USER SYMBOLS:

REVISED SYMBOLS:
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For future coordination of changes to this document, draft circulation
should be based on the information in the current document.

This military standard is approved for use by all Departments
in accordance with the Department of Defense Acquisition Regulation
and Department of Defense specifications and for installation with other
equipment from this document.

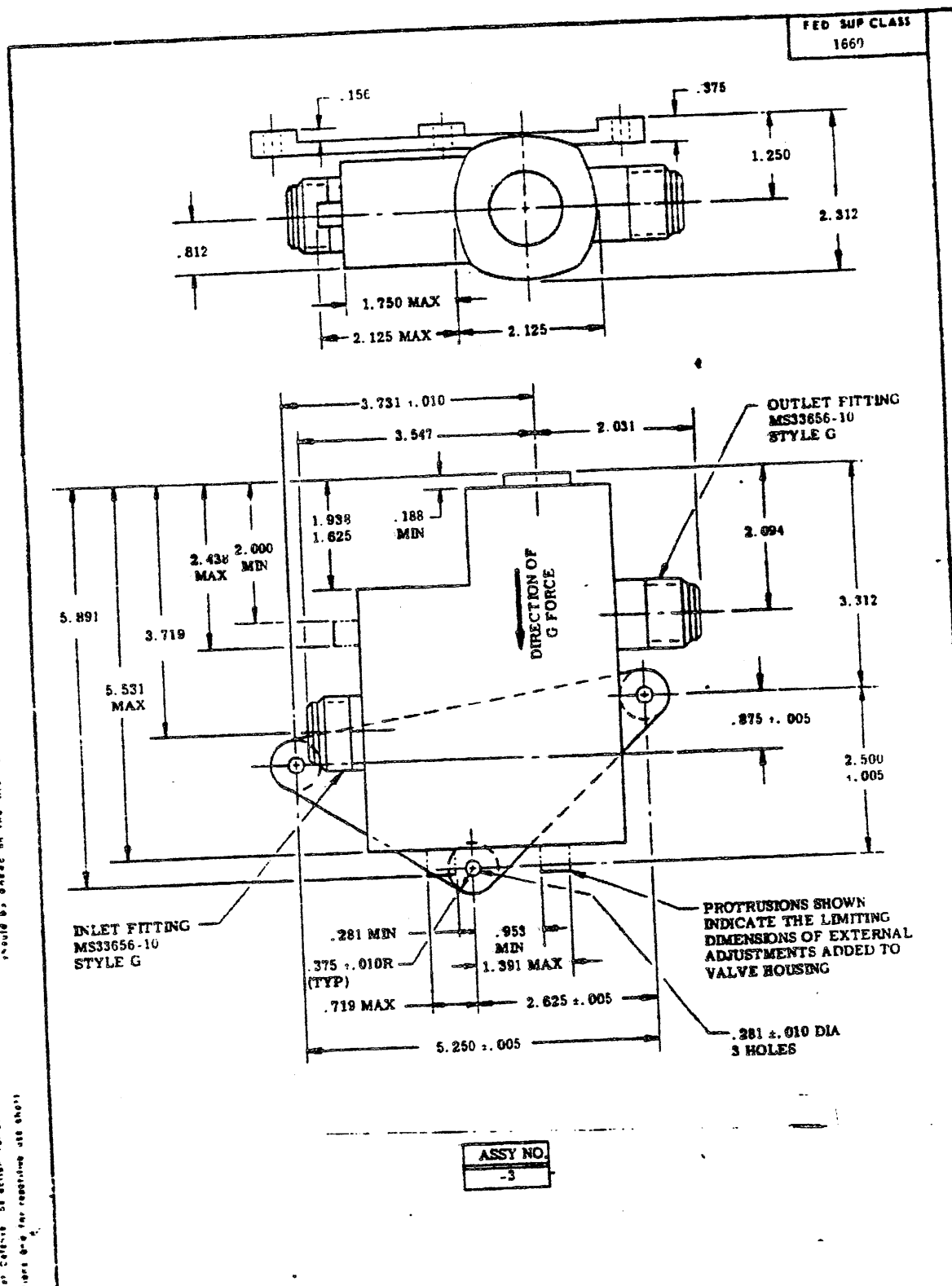


USER SYMBOLS:

 REVISION SYMBOLS:
 NAVY - AS
 USAF - 11, 71

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 For future coordination of changes to this document, direct consultation
 should be made on the information in the current document.

For use in the design of a proposed item, the user of this document
 is responsible for the coordination of changes to this document. The user
 of this document is responsible for the coordination of changes to this document.
 The user of this document is responsible for the coordination of changes to this document.

FED SUP CLASS
1669OUTLET FITTING
MS33656-10
STYLE GINLET FITTING
MS33656-10
STYLE GPROTRUSIONS SHOWN
INDICATE THE LIMITING
DIMENSIONS OF EXTERNAL
ADJUSTMENTS ADDED TO
VALVE HOUSING.281 ± .010 DIA
3 HOLES

ASSY NO.

-3-

 REVISED (J) FOR CHANGES SEE SHEETS 1 THRU 7
 APPROVED 28 JAN 56

P.A. NAVY - AS Other Code USAF - 11	TITLE VALVE, AUTOMATIC PRESSURE REGULATING ANTI-G SUIT	MILITARY STANDARD MS24350
REQUIREMENT SPECIFICATION MIL-V-9390	SUPERSEDES NADC DWG CI210A1. USAF DWGS 53C3905, 53C3906, MS24350(ASG)	SHEET 3 OF 7

DD FORM 1672-1 (Coordination)

PROCESSED CHANGES BY THIS FORM ARE REQUIRED

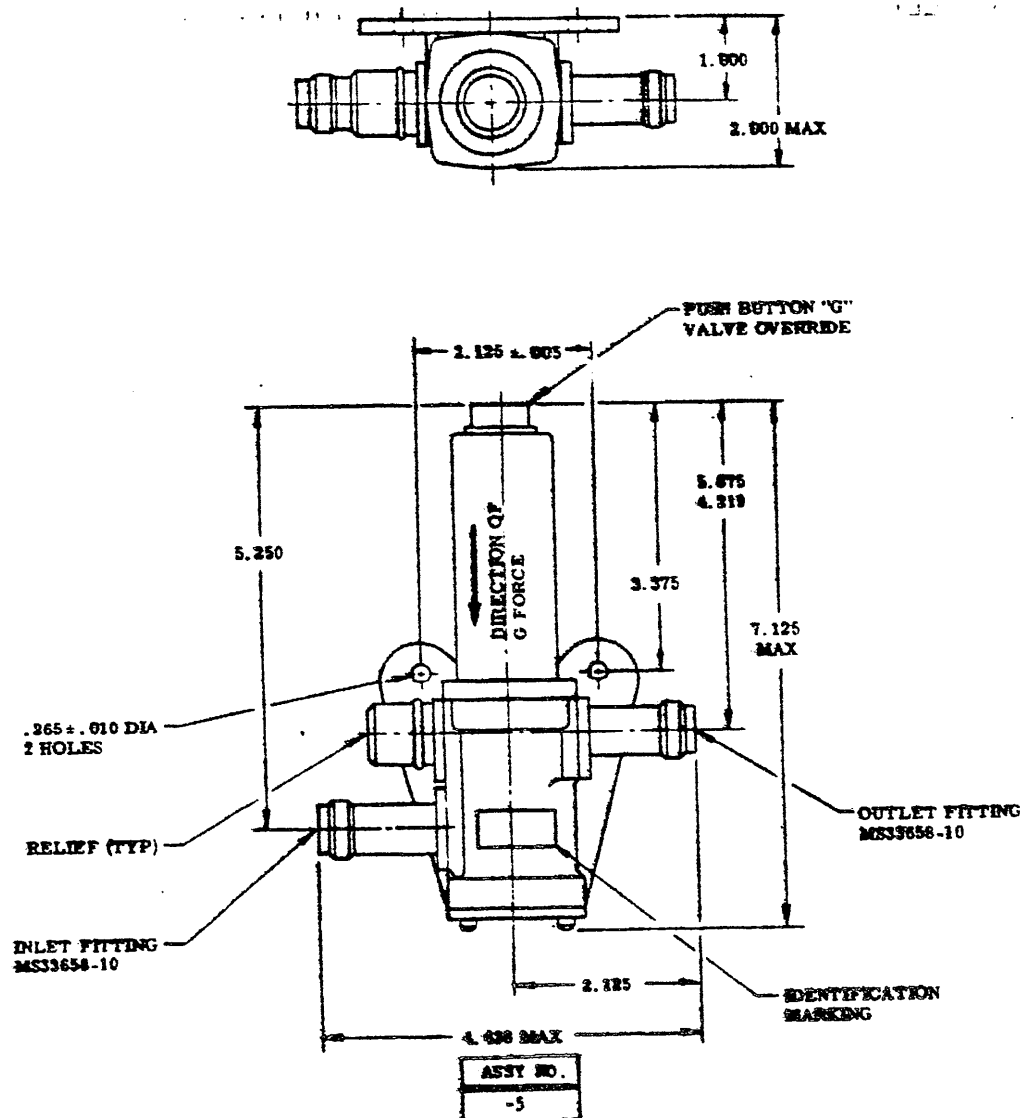
PLATE NO. 2286

USP SYMBOLS:

 REVIEW SYMBOLS:
 NAVY - AR
 USAF - 11, 71

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This military standard is approved for use by all Departments & Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

 FED. SUP CLASS
 1660


PART NUMBER MS24350-6 INACTIVE FOR PROCUREMENT. MS24350-7 REPLACES AND IS INTERCHANGEABLE WITH MS24350-6. DO NOT REPLACE MS24350-7 WITH MS24350-6.

 ASSY NO.
 -6

APPROVED 26 JAN 56 REVISED (J) FOR CHANGES SEE SHEETS 1 THRU 7

 P.A. NAVY - AS
 Other Cusd
 USAF - 11

TITLE

 VALVE, AUTOMATIC PRESSURE REGULATING,
 ANTI-G SUIT

MILITARY STANDARD

MS24350

 PROCUREMENT SPECIFICATION
 MIL-V-9370

SUPERSEDES

 NADC DWG. CL710A1
 USAF DWGS 53C3905, 53C3906, MS24350(ASG)

SHEET 4 OF 7

PLATE NO. 5320

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

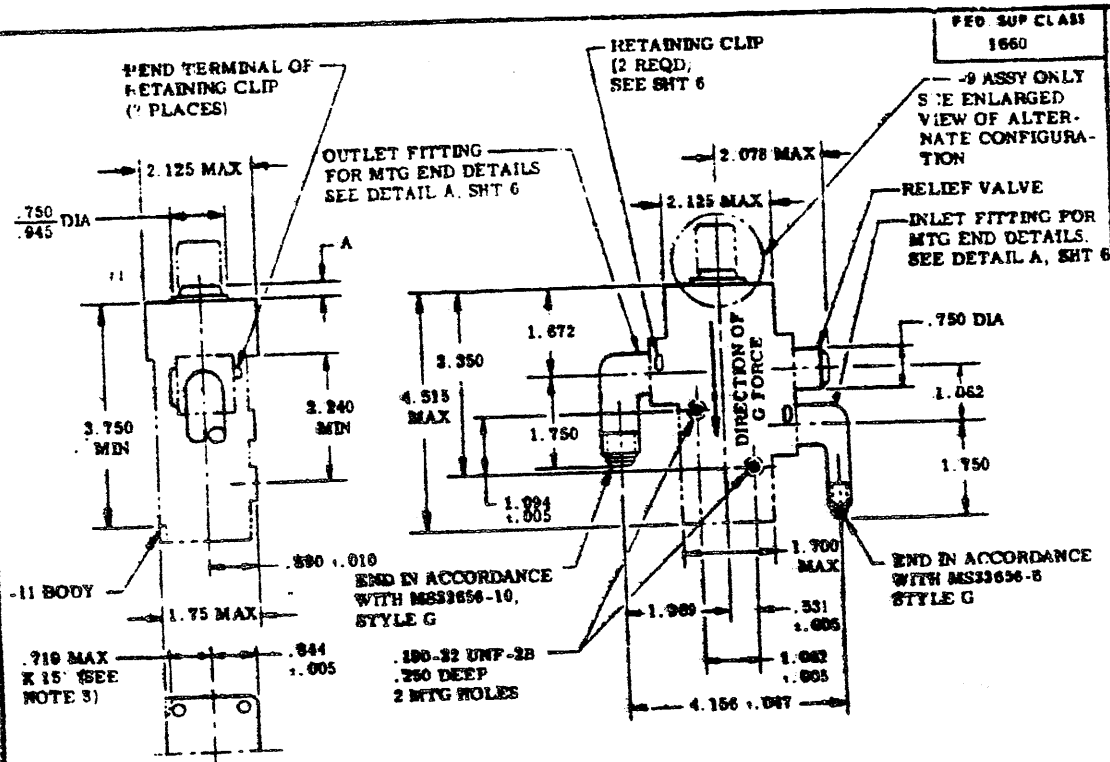
USER SYMBOLS:

REVIEWER SYMBOLS:

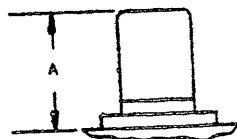
NAVY - AS

USAF - 11, 71

"Reference information is current as of the date of this document. For future coordination of changes to this document, draft consultation should be based on the information in the current drawing."

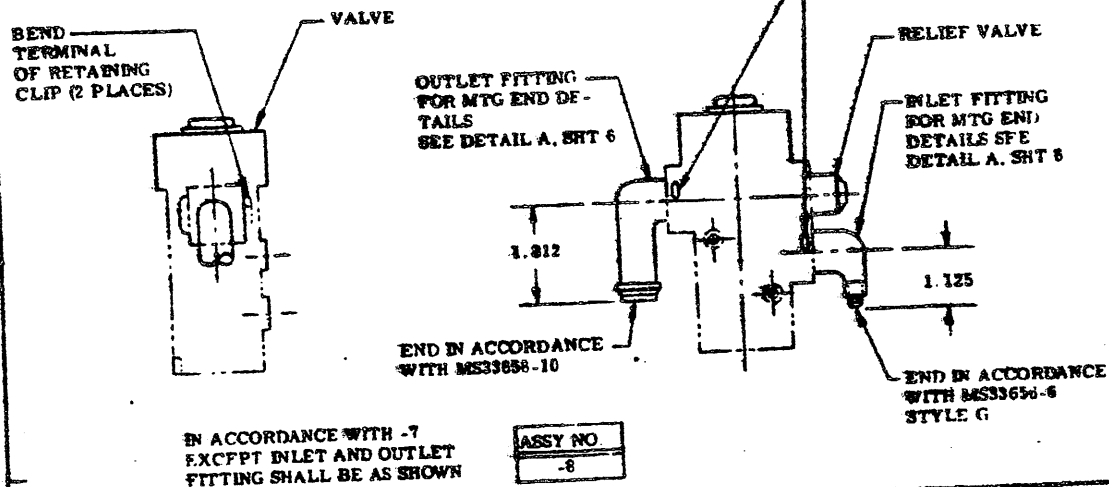


INLET AND OUTLET FITTINGS SHALL BE CAPABLE OF BEING SET IN ANY POSITION EXCEPT WHERE RELIEF VALVE INTERFERES WITH INLET FITTING.



FOR -9 ASSY
ENLARGED VIEW

ASSY NO.	A
-7	.220
-9	1.261



ASSY NO.
-8

P.A.
NAVY - AS
Other Cost
USAF - 11

TITLE

VALVE, AUTOMATIC PRESSURE REGULATING
ANTI-G SUIT

MILITARY STANDARD

MS24350

SHEET 5 OF 7

PROCUREMENT SPECIFICATION
MIL - V - 9370

SUPERSEDES

NADC DWG CL210A1
USAF DWGS 53C3005, 53C3906 MS24350(ASC)

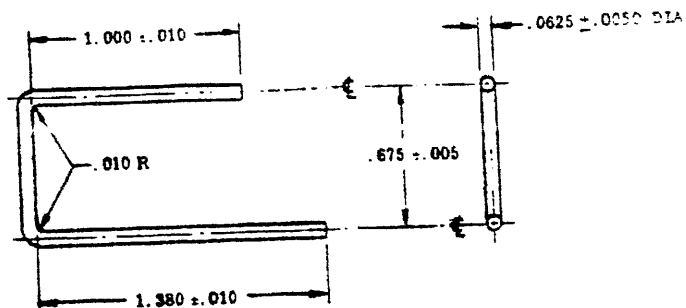
PLATE NO. 2788

DD FORM 672-1 (Coord. used)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

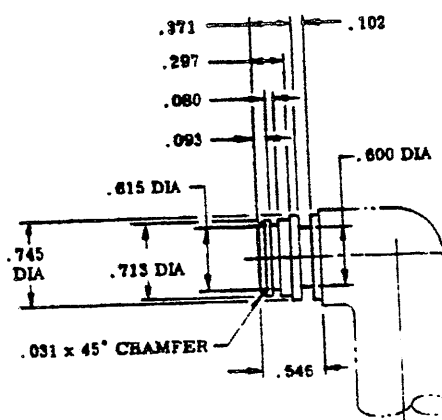
APPROVED 26 JAN 58 REVISED 7 FOR CHANGES SEE SHEETS 1 THRU 7

This military standard is approved for use by all Departments and Agencies at the Department of Defense Selection for all new engineering and design applications and for retooling use until made from this document.



RETAINING CLIP

USED ON VALVE ASSEMBLIES -1. -2. -7. -8. -9



NOTE: (DETAIL A ONLY)
DIMENSIONS IN INCHES. TOLERANCE $\pm .010$.
DIAMETERS SHALL BE SQUARE AND
CONCENTRIC WITHIN .003 TIR.

DETAIL A

(ENLARGED)

VALVE MATING END DETAILS FOR INLET AND OUTLET FITTINGS

P.A. NAVY - AS	TITLE	MILITARY STANDARD
Color Code USAF - 11	VALVE, AUTOMATIC PRESSURE REGULATING. ANTI-G SUIT	MS24350
PROCUREMENT SPECIFICATION MIL-V-8370	SUPPLEMENT: NADC DWG. CL210A1 USAF DWGS S3C1905, S3C1906, MS24350(ASG)	SHEET 6 OF 7

DD FORM 672-1 (Coordinated)

CHURCH OFFICE OF THE FOUR AND EIGHTS

145 年 : 72

RECEIVED 26 JAN 58 REVISED (1) FOR CHANGES SEE SHEETS 1 THRU 7

FED SUP CLASS
1660

USE SYMBOLS:

REVISION SYMBOLS:

NAVY - AS
USAF - 11, 71

"Revision/Issue information is current as of the date of this document.
For future consideration of changes to this document, draft circulated
should be based on the information in the current document."

This military standard is approved for use by all departments
in agencies in the Department of Defense. It is the policy
of the Department of Defense to use only the latest
edition of this standard and for regulations and standards
to be made from this standard.

NOTES:

1. MATERIAL: RETAINING CLIP SHALL BE STEEL, CORROSION RESISTANT, (18-8) IN ACCORDANCE WITH MIL-S-7720, COMPOSITION 302, PHYSICAL CONDITION A.
2. DIMENSIONS IN INCHES, UNLESS OTHERWISE SPECIFIED. TOLERANCES: DECIMALS .031, ANGLES .1/2. DIMENSIONING AND TOLERANCING SHALL BE IN ACCORDANCE WITH USAST Y14.5.
3. SURFACE TEXTURE FOR INLET AND OUTLET FITTINGS SHALL BE IN ACCORDANCE WITH ANSI B46.1, UNLESS OTHERWISE SPECIFIED. THE SURFACE TEXTURE SHALL NOT EXCEED 63 MICROINCHES.
4. THREADS SHALL BE IN ACCORDANCE WITH MIL-S-7742.
5. INLET AND OUTLET PORTS SHALL BE PERMANENTLY IDENTIFIED.
6. WEIGHT PER ASSEMBLY, 3 POUNDS MAXIMUM.
7. PASSIVATE RETAINING CLIP IN ACCORDANCE WITH QQ-P-35.
8. TAPER REQUIRED ONLY IF THE BASE OF THE BODY EXCEEDS THE .719 DIMENSION AS SHOWN.

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PREVIOUS DOCUMENTS REFERENCED HEREIN.
REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BIDS.

P.A. NAVY - AS Other Code USAF - 11	TITLE VALVE, AUTOMATIC PRESSURE REGULATING ANTI-G SUIT	MILITARY STANDARD MS24350
PROCUREMENT SPECIFICATION MIL-V-9370	SUPERSEDES NADC DWG CL210A1 USAF DWGS 53C3905 53C3906 MS24350H/ASG	SHEET 7 OF 7

DD FORM 672-1 (Coordinated)

REPLACES FORM 672-1 OF 1964, WHICH IS OBSOLETE

PLATE NO. 2285

APPROVED 26 JAN 55 REVISED (1) FOR CHANGES SEE SHEETS 1 THRU 7