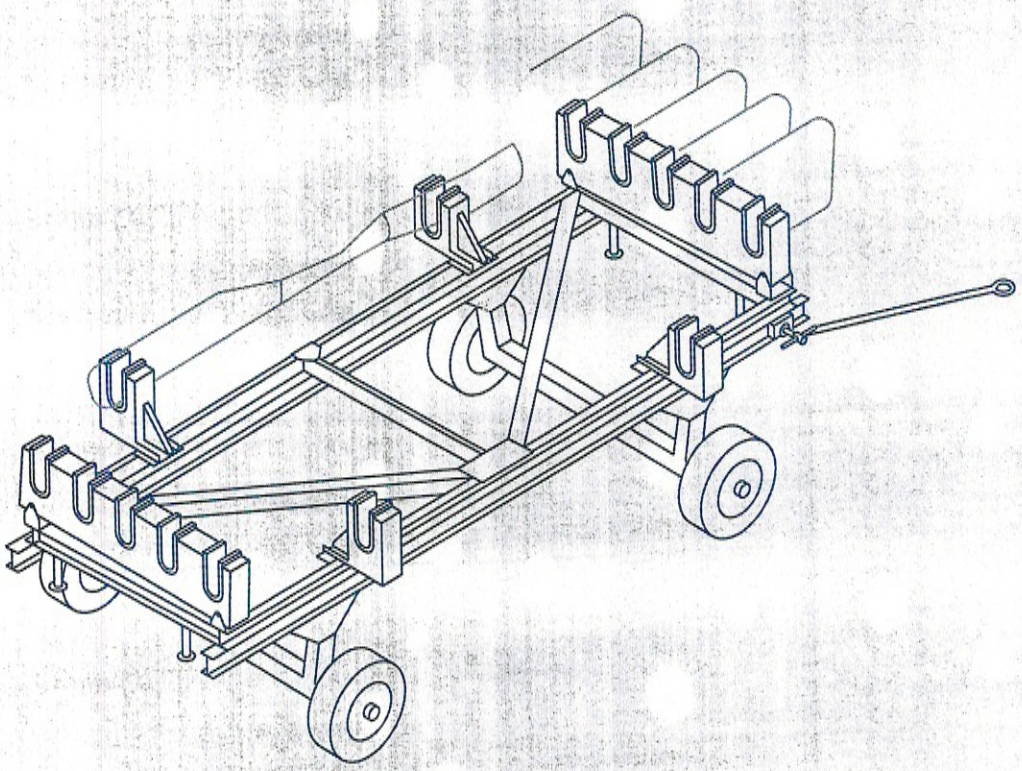
4º Batalhão de Aviação do Exército
2105



DESCRIPTION: The main and tail rotor blade adapter is used to secure the blades during maintenance.

POWER REQUIREMENTS: Not Applicable

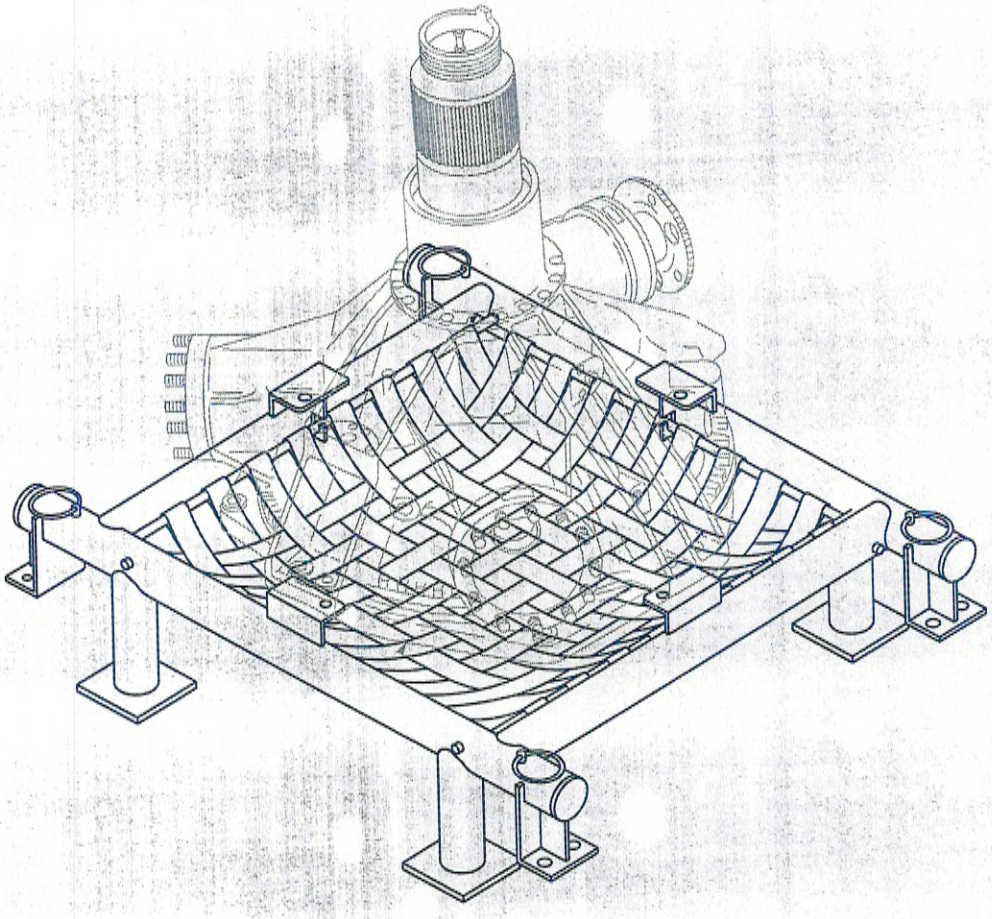
CALIBRATION REQUIREMENTS: Not Applicable

FB2483A
EA

FIGURE C-85. MAIN AND TAIL ROTOR BLADE ADAPTER, 70700-20426-041

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1202



DESCRIPTION: The main gear box (MGB) adapter is used to support MGB during maintenance.

POWER REQUIREMENTS: Not Applicable

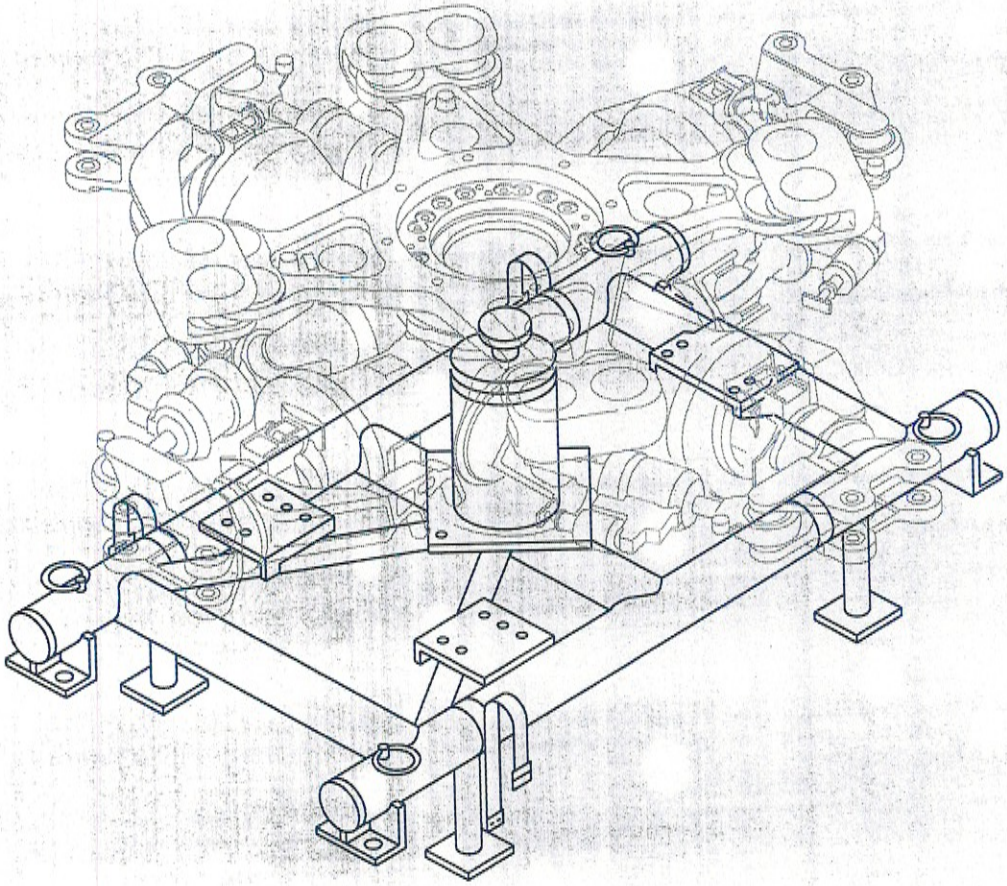
CALIBRATION REQUIREMENTS: Not Applicable

FB2484A
GA

FIGURE C-86. MAIN GEAR BOX ADAPTER, 70700-20420-041

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1203



DESCRIPTION: The rotary wing head adapter is used to support the rotary wing head during maintenance.

POWER REQUIREMENTS: Not Applicable

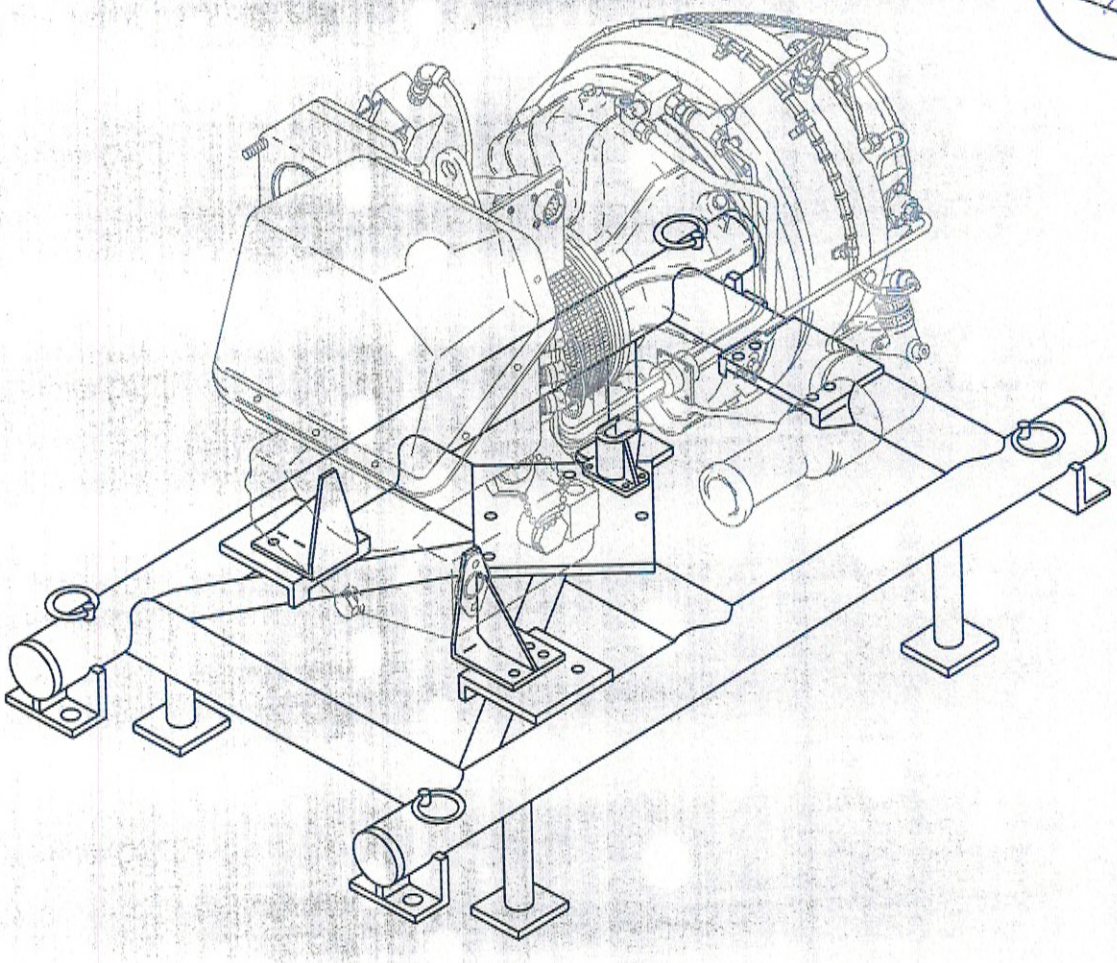
CALIBRATION REQUIREMENTS: Not Applicable

FB2485A
SA

FIGURE C-87. ROTARY WING HEAD ADAPTER, 70700-20421-041

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1109



DESCRIPTION: The APU Adapter is used to support the APU during maintenance.

POWER REQUIREMENTS: Not Applicable

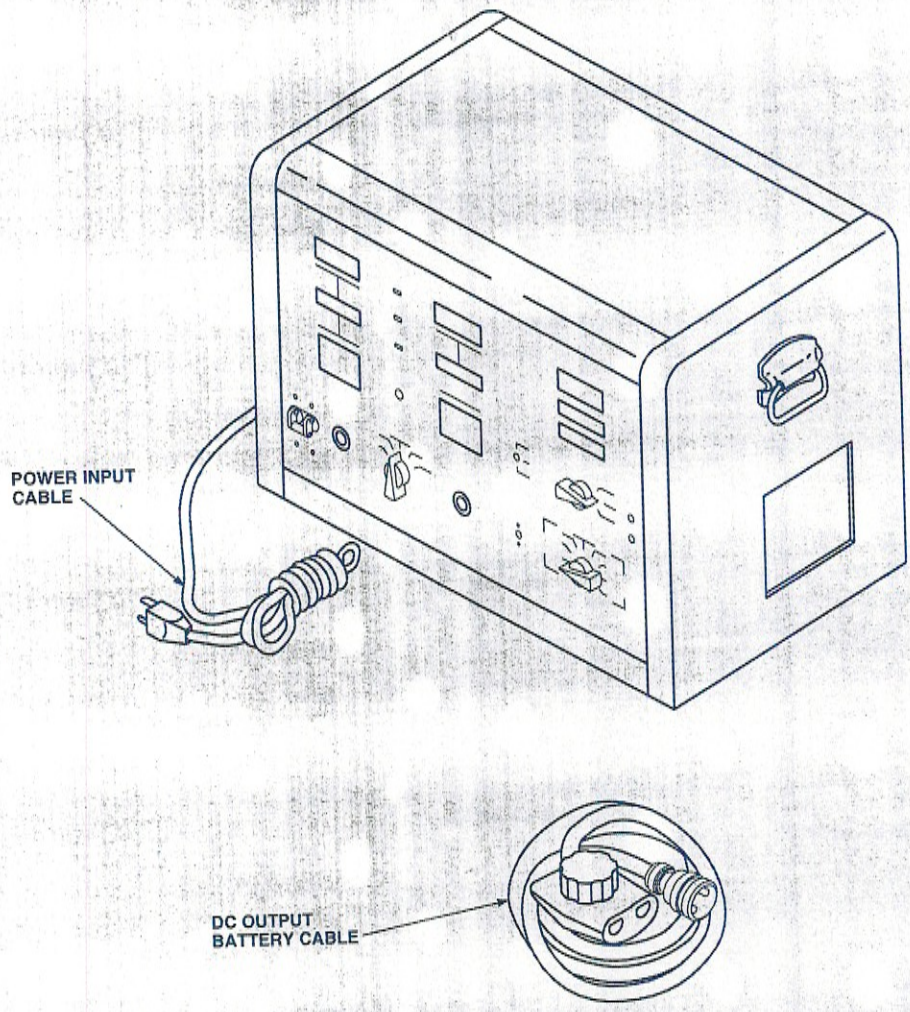
CALIBRATION REQUIREMENTS: Not Applicable

FB2486
CA

FIGURE C-88. AUXILIARY POWER UNIT ADAPTER, 70700-20423-041

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
2205



DESCRIPTION: The RF80–K Series Battery Charger / Analyzer consists of a transformer, rectifier, passing regulator circuit, timer programmer, and test discharge load bank. The unit is designed to charge and analyze aircraft batteries.

POWER REQUIREMENTS: This unit operates from a source of 187 to 265 VAC, 47–63 hertz, single phase.

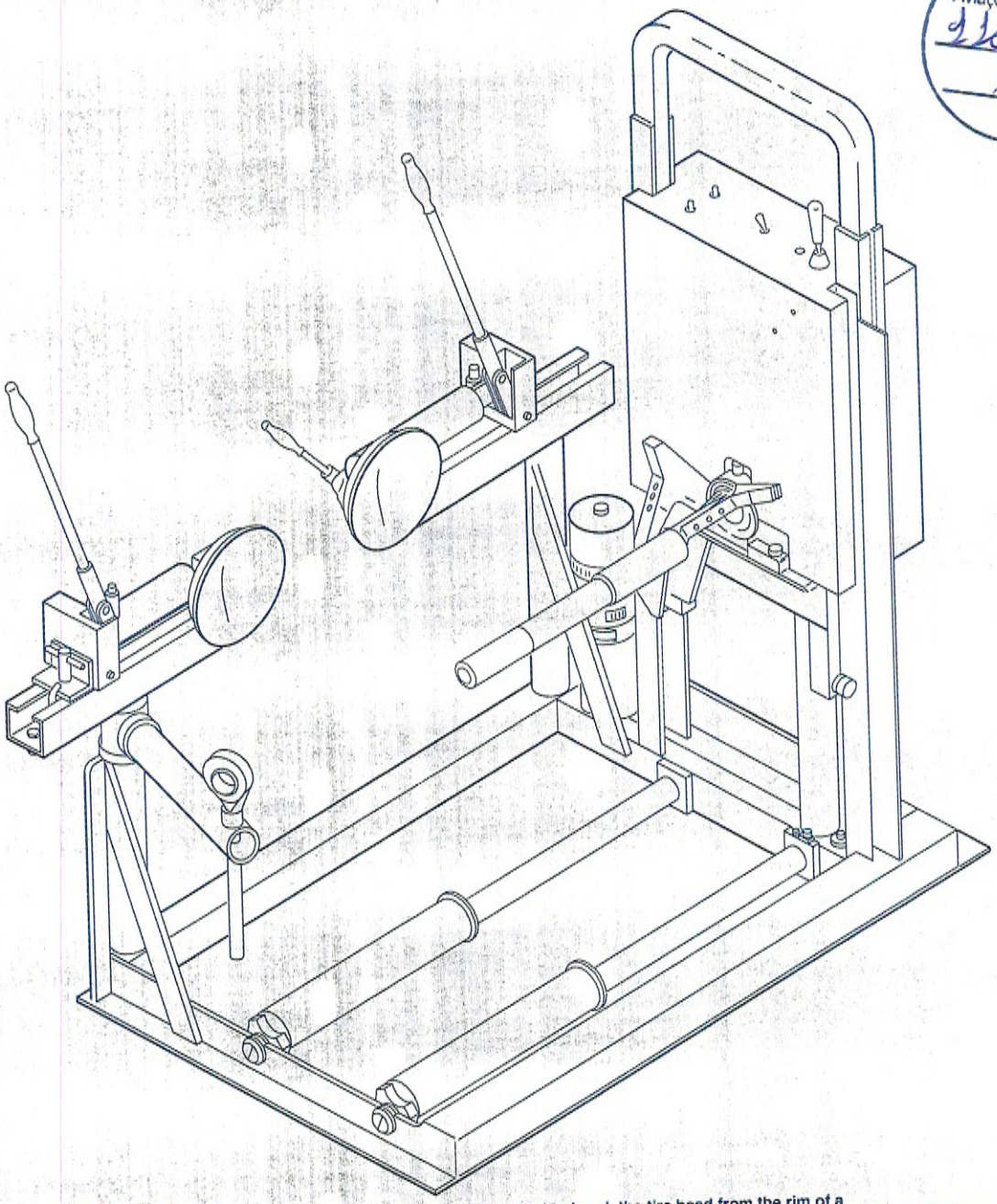
CALIBRATION REQUIREMENTS: See manufacture manual.

FL0403
CA

FIGURE C-89. BATTERY CHARGER/ANALYZER, RF80-K

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
206



DESCRIPTION: The aircraft tire bead breaker is used to break the tire bead from the rim of a deflated wheel assembly. The aircraft tire bead breaker has two hydraulic hand pumps to break the bead. It has a breaking capacity of 12000 pounds.

POWER REQUIREMENTS: 115 / 230 Volts, 60 Hz, 1 PH, 15 Amps

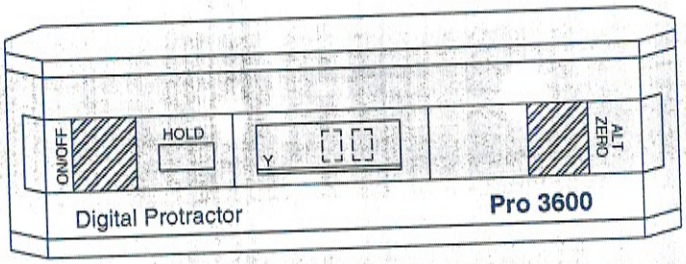
CALIBRATION REQUIREMENTS: Not Applicable

FB4037B
8A

FIGURE C-90. AIRCRAFT TIRE BEAD BREAKER, LEE-1X

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
2209



DESCRIPTION: The prop protractor is a digital instrument which provides maintenance personnel immediate digital indication of level, angle or tilt without the need to interpret a bubble or vernier scale. This instrument is used for rigging the flight controls and rotor blades.

POWER REQUIREMENTS: Standard 9 volt battery

CALIBRATION REQUIREMENTS:

FREQUENCY

Accuracy test shall be performed on digital protractor daily.
Digital protractor must be calibrated every 24 weeks regardless of being used or not.

EQUIPMENT REQUIRED

Precision Level
Precision Leveling Plate

CLEANING MATERIALS

Mild Detergent
Machinery Towel, Item 211, Appendix D

CALIBRATION PROCEDURES:

CLEANING / INSPECTION

Clean protractor with mild soap and a damp cloth. Never immerse in water.
Inspect for signs of damage, abuse, nicks, and dents.
Make sure a fresh battery is installed.

NOTE

If digital protractor fails accuracy test, digital protractor must be recalibrated using Superset ® procedure.

FB4413_1A
5A

FIGURE C-91. DIGITAL PROPELLER PROTRACTOR, PRO 3600 (SHEET 1 OF 4)

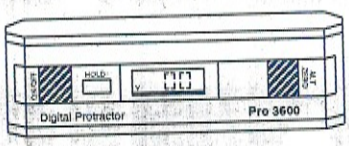
This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
2108

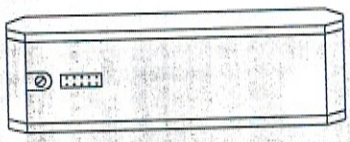
CALIBRATION PROCEDURES: (CONTINUED)

ACCURACY TEST

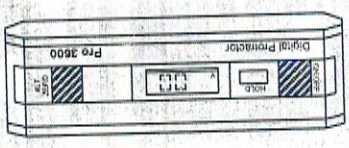
Position the digital protractor with the display facing the operator on a clean, precision leveling plate. Wait 10 seconds and note the angle on the display.



Rotate the digital protractor end-for-end so the display is facing away from operator. Wait 10 seconds and note the angle on the display.



Roll the digital protractor toward operator so the display is facing operator but the lettering on the digital protractor is upside down. Wait 10 seconds and note the angle on the display.



Rotate the digital protractor end-for-end so the display is facing away from operator (the lettering should still be upside down). Wait 10 seconds and note the angle on the display.



If any of the four measurements varies from any of the others by more than 0.1°, calibrate the digital protractor using Superset ®.

FB4413_2A
SA

FIGURE C-91. DIGITAL PROPELLER PROTRACTOR, PRO 3600 (SHEET 2 OF 4)

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1209

CALIBRATION PROCEDURES: (CONTINUED)

SUPERSET®

Turn the digital protractor on and place on a precision leveling plate.

NOTE

Each time the digital protractor in repositioned, wait a minimum of 10 seconds before pressing HOLD to advance to next step.

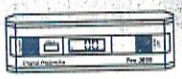
Press and hold the HOLD and ALT ZERO buttons simultaneously. Keep them pressed for approximately three seconds.

Release the buttons when the SUP appears. A 0 within flashing brackets will then appear. These brackets are composed of four horizontal and four vertical segments.

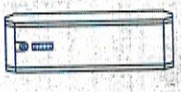
NOTE

As you proceed through the following steps of Superset ®, a new segment will hold steady after you complete each step.

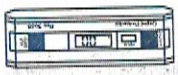
Superset® – Horizontal Settings



Digital protractor faces operator and lettering on face plate is right side up.
Align with an edge or line – wait 10 seconds.
Press HOLD button until [1] appears.



Rotate digital protractor so it faces away from operator and lettering on face plate is still right side up.
Align with an edge or line – wait 10 seconds.
Press HOLD button until [2] appears.



Roll digital protractor so it faces operator and lettering on face plate is upside down.
Align with an edge or line – wait 10 seconds.
Press HOLD button until [3] appears.



Rotate digital protractor so it faces away from operator and lettering on face plate is still upside down.
Align with an edge or line – wait 10 seconds.
Press HOLD button until [4] appears.

FB4413_3
EA

FIGURE C-91. DIGITAL PROPELLER PROTRACTOR, PRO 3600 (SHEET 3 OF 4)

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército

CALIBRATION PROCEDURES: (CONTINUED)

Superset© – Vertical Settings



Digital protractor is placed against a vertical surface, faces operator and lettering reads from bottom to top. Align with an edge or line – wait 10 seconds. Press HOLD button until [5] appears.



Rotate digital protractor so it faces away from operator and lettering still reads from bottom to top. Align with an edge or line – wait 10 seconds. Press HOLD button until [6] appears.



Roll digital protractor so it faces operator and lettering on face plate reads from top to bottom. Align with an edge or line – wait 10 seconds. Press HOLD button until [7] appears.



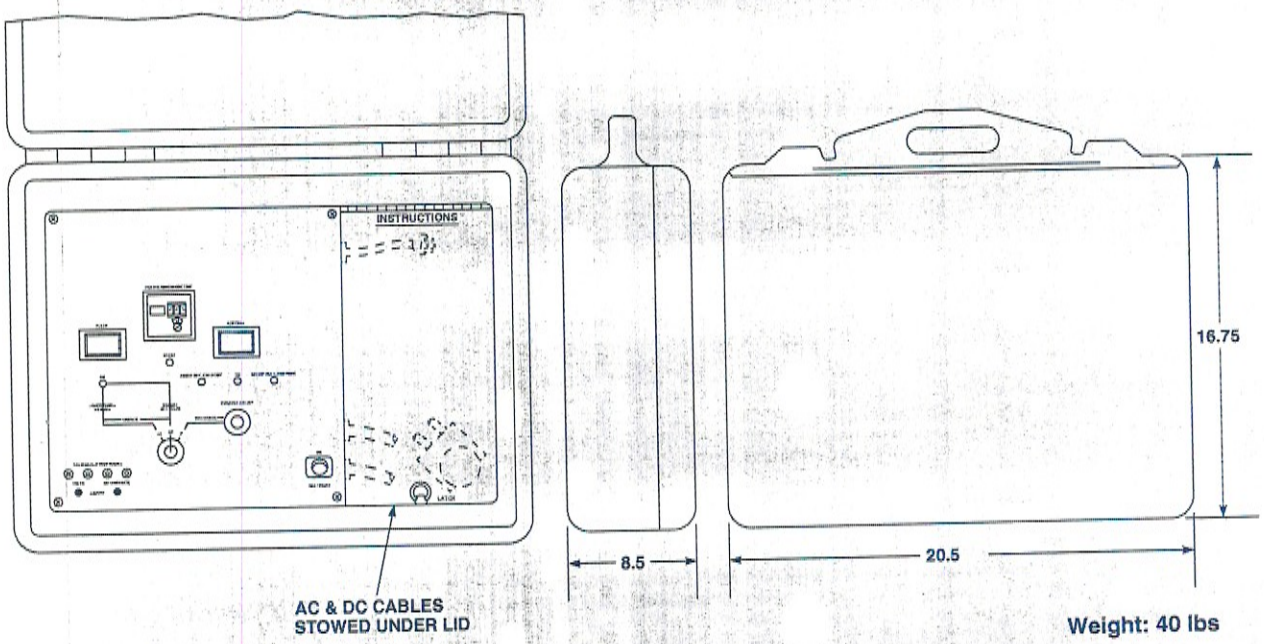
Rotate digital protractor so it faces away from operator and lettering still reads from top to bottom. Align with an edge or line – wait 10 seconds. Press HOLD button. [8] will very briefly appear, followed immediately by regular display.

FB4413_4A
SA

FIGURE C-91. DIGITAL PROPELLER PROTRACTOR, PRO 3600 (SHEET 4 OF 4)

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército



DESCRIPTION: This Battery Charger / Analyzer is used for charging / discharging the Valve Regulated Sealed Lead Acid Battery (VRSLAB) at the intermediate level of maintenance.

The Charger / Analyzer has full charging and discharging capabilities, an elapsed time counter, voltage and amperage displays, and fan cooled discharged resistors. The Charger / Analyzer is portable and has usage instructions contained within the case.

POWER REQUIREMENTS: This unit operates from a source of 95–135 VAC, 50/60 Hertz, 3 Amperes, or 190–207 VAC, 50/60 Hertz, 1.5 Amperes.

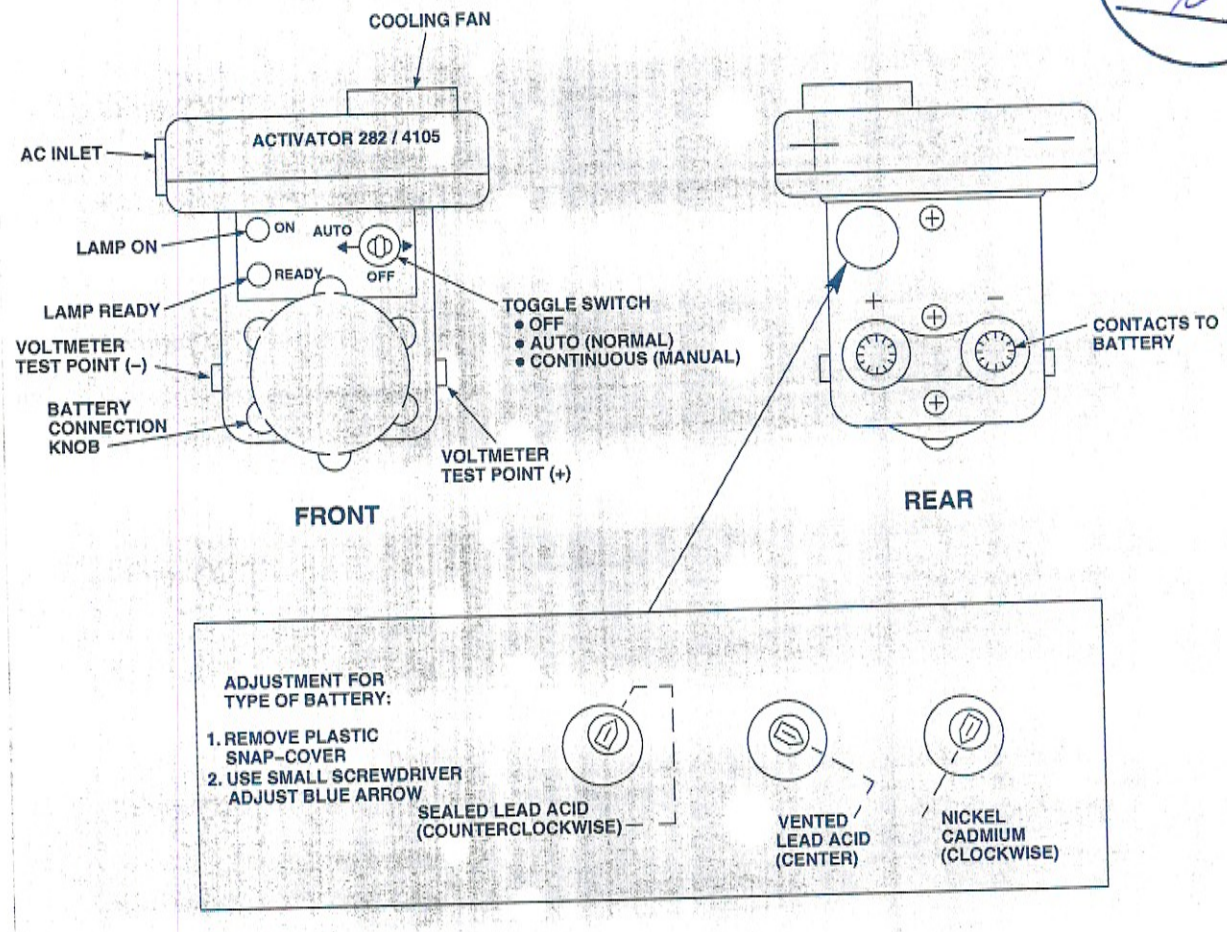
CALIBRATION REQUIREMENTS: Calibration Interval: 24 weeks
Calibration Reference: OEM Manual

FE0837
SA

FIGURE C-92. VRSLAB - BATTERY CHARGER/ANALYZER, 4159

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1312



DESCRIPTION: The Battery Charger is a multi–purpose charger. It is capable of charging lead acid vented batteries, sealed lead acid batteries (including Valve Regulated Sealed Lead Acid Battery (VRSLAB)), and Nickel Cadmium (NiCAD) batteries.

POWER REQUIREMENTS: Refer to OEM Manual.

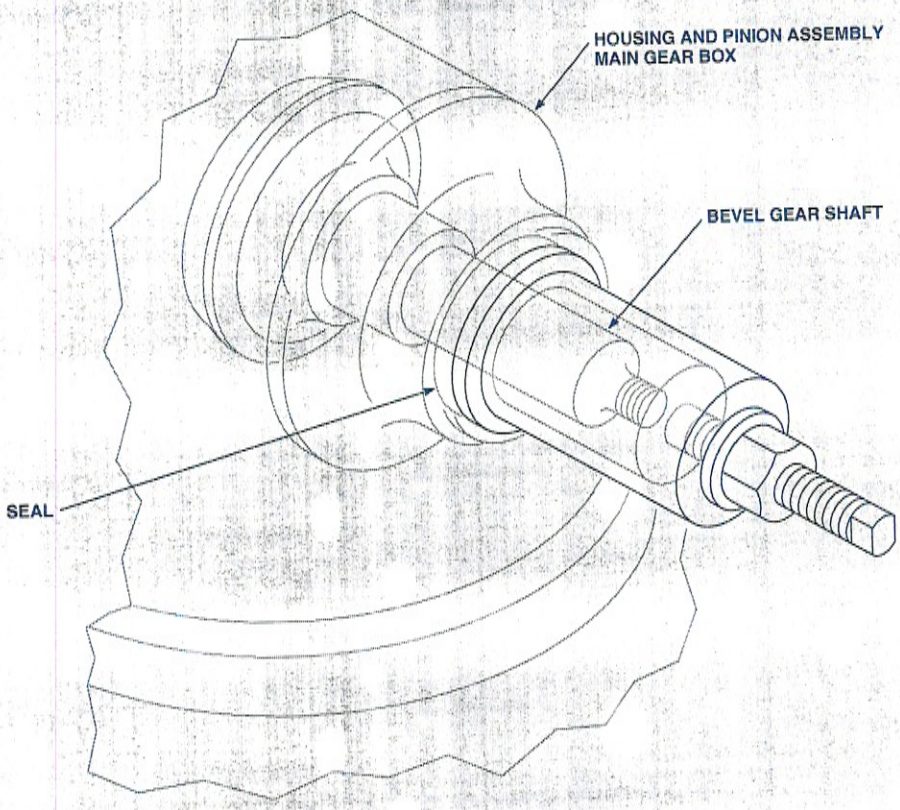
CALIBRATION REQUIREMENTS: Refer to manufacturer's product manual for Activator 282 / 4105. Calibration interval: 12 months.

FE0838
SA

FIGURE C-93. BATTERY CHARGER, 282/4105

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército



DESCRIPTION: Used in replacement of the seal in the housing at the tail take–off pinion assembly of a rotor brake equipped main gear box. The seal is a 0.012" interference fit in the housing. The seal has an OD of 3.512". The bevel pinion shaft protrudes approximately three inches thru the seal.

The Seal Installer consists of an outer cylinder and an inner shaft. The diameter of the outer cylinder is designed to mate the seal surface without touching the housing. One end of the inner shaft has internal threads to mate the external threads of the bevel pinion shaft. The opposite end is externally threaded. This tool is used by threading the inner shaft onto the bevel gear shaft then tightening a nut at the opposite end of the inner shaft against the top of the outer cylinder forcing the outer cylinder against the seal, pressing the seal in position in the housing.

POWER REQUIREMENTS: Not Applicable

CALIBRATION REQUIREMENTS: Not Applicable

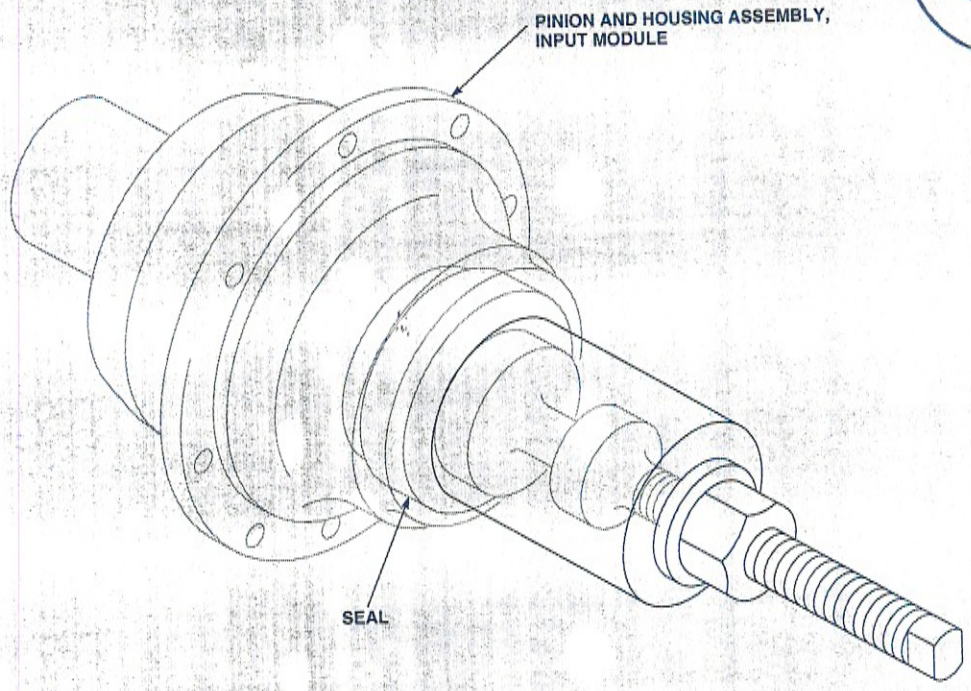
FB4415C
SA

I

FIGURE C-94. SEAL INSTALLER, 70700-77308-041

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército



DESCRIPTION: Used in replacement of the seal in the housing at the input module pinion. The seal is a line–to–line fit in the housing assembly and must be pressed in to be seated.

The Seal Installer consists of an outer cylinder and an inner shaft. The diameter of the outer cylinder is designed to mate the seal surface without touching the housing. The length of the cylinder will enable it to pass over the shaft and seat the seal without bottoming out against the end of the shaft. One end of the inner shaft has internal threads to mate the external threads of the end of the pinion shaft. The opposite end of the inner shaft is externally threaded. This tool is used by threading the inner shaft onto the pinion shaft then tightening a nut at the opposite end of the inner shaft against the top of the outer cylinder, forcing the outer cylinder against the seal, seating the seal in the housing.

POWER REQUIREMENTS: Not Applicable

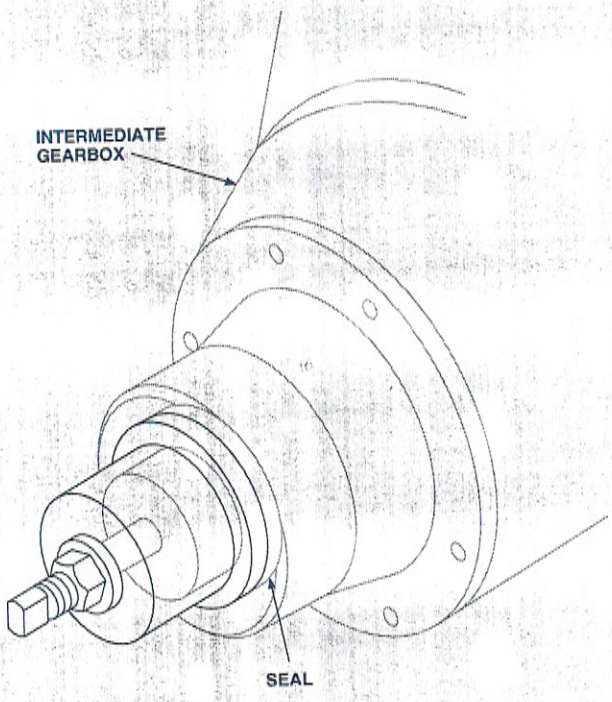
CALIBRATION REQUIREMENTS: Not Applicable

FB4416C
5A

FIGURE C-95. SEAL INSTALLER, 70700-77309-041

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1215



DESCRIPTION: Used in replacement of the seals in the intermediate gear box input and output pinion housings, the input pinion housing of the tail gear box, and the tail take-off pinion housing of a non-rotor brake equipped main gear box. The seals are a line-to-line fit in the housing assemblies and must be pressed in to be seated.

The Seal Installer consists of an outer cylinder and an inner shaft. The diameter of the outer cylinder is designed to mate to the seal face. The length of the cylinder enables it to pass over the longest shaft and seat the seal without bottoming out against the end of the shaft. One end of the inner shaft has internal threads to mate the external threads of the shafts. The opposite end of the inner shaft is externally threaded. This tool is used by threading the inner shaft on to the gear shaft, then tightening a nut at the opposite end of inner shaft against the top of the outer cylinder, forcing the outer cylinder against the seal seating the seal in the housing.

POWER REQUIREMENTS: Not Applicable

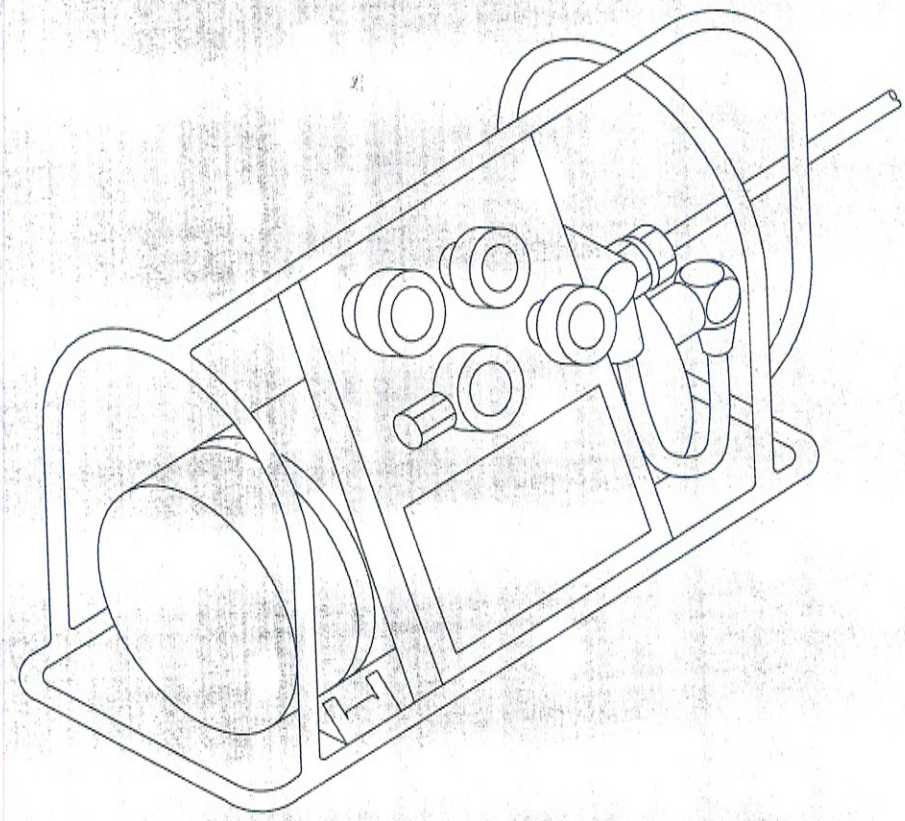
CALIBRATION REQUIREMENTS: Not Applicable

FB4417C
SA

FIGURE C-96. SEAL INSTALLER, 70700-77310-041

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1116



DESCRIPTION: The portable nitrogen cylinder is utilized for line maintenance servicing of the following components:

Main landing gear shock struts
Tail landing gear shock strut
Tail bumper shock strut
Main rotor accumulator
APU accumulator

The portable nitrogen cylinder is capable of pressure to 3000 PSI and comes complete with regulator, hose and fittings.

DIMENSIONS:	
Length:	23"
Width:	17"
Height	14.5"
Weight:	53 lbs

POWER REQUIREMENTS: Not Applicable

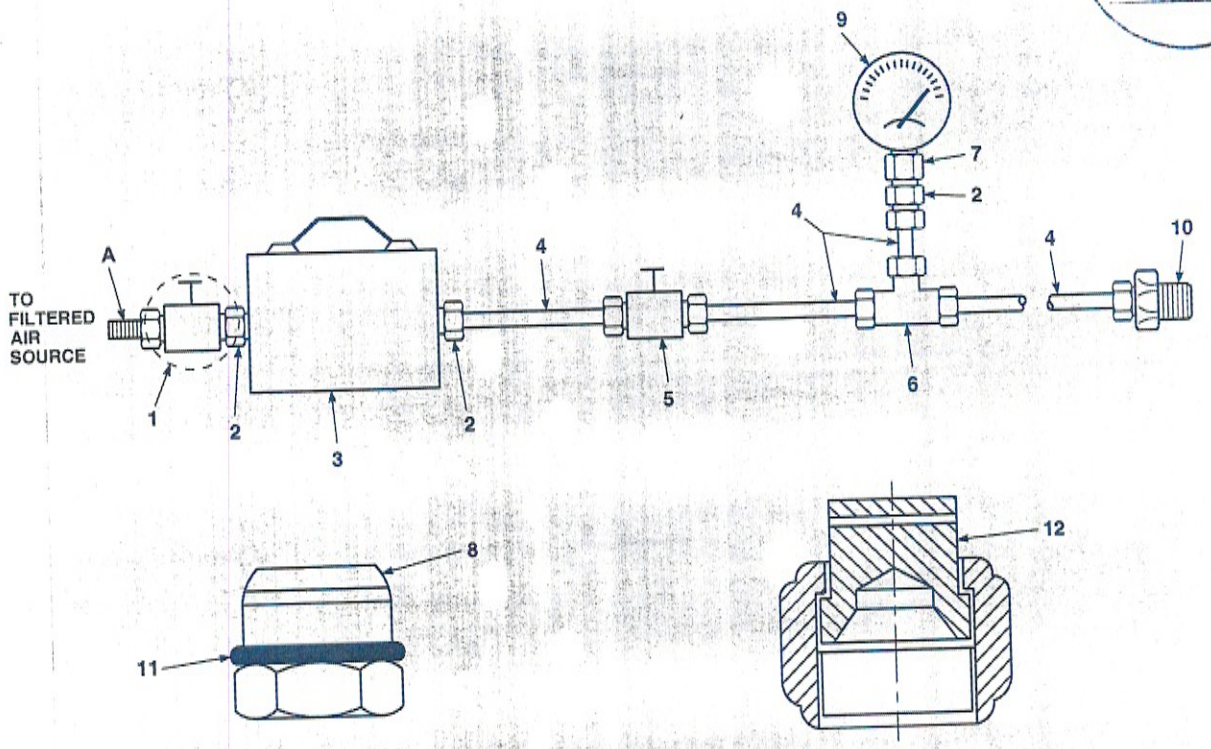
CALIBRATION REQUIREMENTS: Not Applicable

FB4420A
SA

FIGURE C-97. NITROGEN SERVICING UNIT, 1428AS100-1

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército



NO.	NOMENCLATURE	QTY REQUIRED
1	METERING VALVE	1
2	UNION	3
3	VACUUM PUMP	1
4	HOSE OR TUBE ASSEMBLY	5
5	SHUTOFF VALVE	1
6	TEE FITTING	1
7	ADAPTER	1
8	PLUG	5
9	VACUUM PRESSURE GAGE	1
10	REDUCER FITTING	2
11	PACKING	2
12	CAP	2

FB4419_1

FIGURE C-98. FUEL INTEGRITY TEST SET, RJP001 (SHEET 1 OF 2)

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1118

NOTES

Item (1) is not required if air source is regulated. If item (1) is needed unscrew air valve (A) from vacuum pump (3) and thread (A) to (1) and connect (1) to (3) via union (2).

An 8" hose assembly (4) and reducer (10) is needed for bleeding crossfeed lines in addition to test setup illustrated.

Plug (8) to be used in sealing inlet adapter and engine fuel feed line.

Packing (11) is not required when plugging engine fuel feed line.

Cap (12) is used to cap prime shutoff valve during line purge and integrity test.

DESCRIPTION: The requirement exists at the organizational level of maintenance to test the integrity of the engine fuel feed system. This system must be subjected to both vacuum (–6 in Hg) and pressure (+30 PSIG) for a designated period of time (5 min) with no leakage. A means to create the vacuum, route the pressure, monitor the test (vac / press), and seal the system during test is needed.

The kit consists of a metering valve for regulating air pressure; a vacuum pump for creating the necessary vacuum; a shutoff valve for sealing the system during testing; a combination vacuum / pressure gage to monitor the test; as well as a variety of fittings, plugs, and hoses for routing and connecting the test equipment to the aircraft. A low pressure air source (50–100 PSI) will be connected to a metering valve and the metered air source to the vacuum pump. From the pump, a shutoff valve will be plumbed and from the shutoff valve a combination vacuum / pressure gage will be tapped into the test line. The test line will be adapted to the engine feed line(s). Various components of this system will be removed and their corresponding lines plugged.

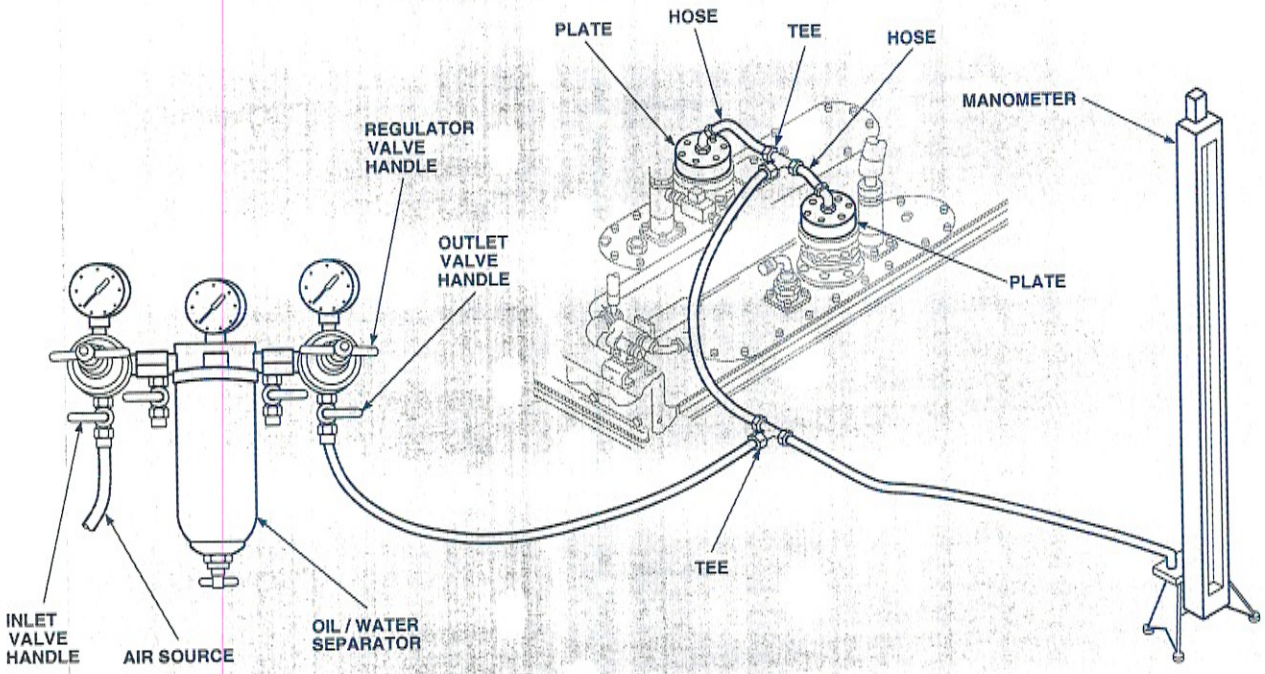
Additionally, the main engine prime shutoff valves must be capped on the prime side of the valve during vacuum testing and fuel line purge. When plugging the crossfeed lines, an 8" hose assembly (low pressure 1/4" fittings) is connected to the opposite engine feed line via a reducer fitting and is used to drain purged fuel from the crossfeed lines into a suitable container. In addition, the discharge fuel hoses for the boost pump must be plugged.

FB4419_2
GA

FIGURE C-98. FUEL INTEGRITY TEST SET, RJP001 (SHEET 2 OF 2)

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1110



DESCRIPTION: A requirement exists at the 'O' level of maintenance to functionally test the main fuel cells by pressure. In order to accomplish this requirement, a method of capping off fuel cell is required with a way of applying pressure and measuring it.

POWER REQUIREMENTS: Not Applicable

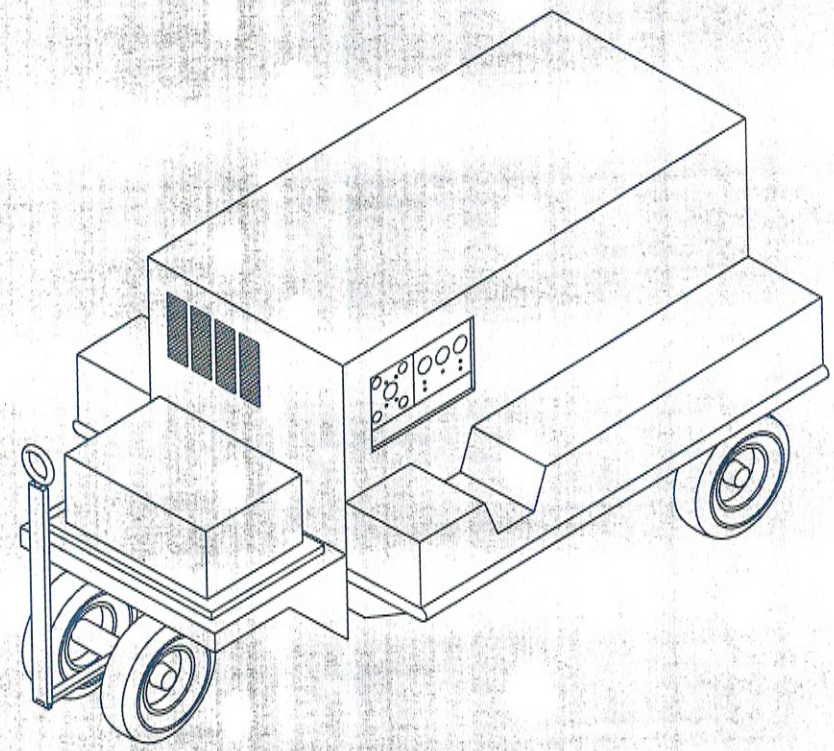
CALIBRATION REQUIREMENTS: Not Applicable

FB4421A
SA

FIGURE C-99. FUEL CELL TEST KIT, RJP002-2

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1120



DESCRIPTION: The Generator unit will provide all AC electrical power needed to perform system checks, and troubleshooting of various electrical systems. The Generator unit is used in place of the helicopter APU in ground test.

POWER REQUIREMENTS: Not Applicable

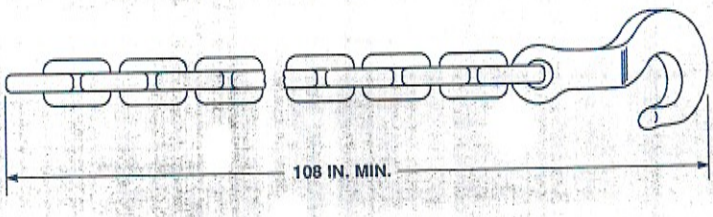
CALIBRATION REQUIREMENTS: Not Applicable

FB4422
SA

FIGURE C-100. ELECTRICAL GENERATOR, DIESEL-POWERED, 90C24P5-S/A

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1121



DESCRIPTION: The tiedown chain assembly is used for tying down the helicopter.

POWER REQUIREMENTS: Not Applicable

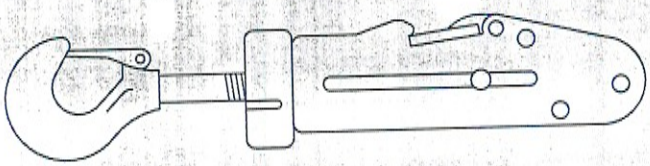
CALIBRATION REQUIREMENTS: Not Applicable

FC4111A
SA

FIGURE C-101. TIEDOWN CHAIN ASSEMBLY, 627728A

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1122



DESCRIPTION: The tiedown tensioner is used to adjust the length of chains in order to remove slack when tying down the helicopter.

POWER REQUIREMENTS: Not Applicable

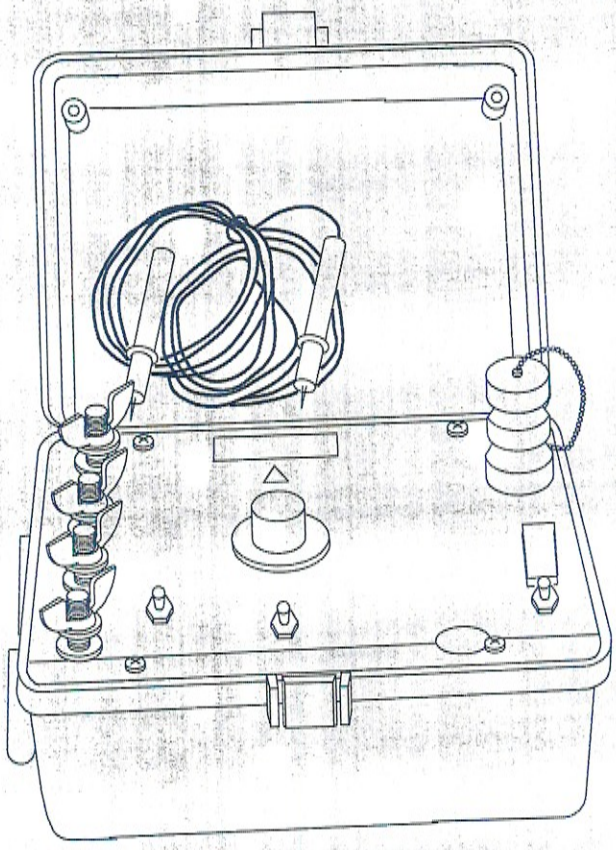
CALIBRATION REQUIREMENTS: Not Applicable

FC4112A
6A

FIGURE C-102. TIEDOWN TENSIONER, CGU-4/E

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1423



DESCRIPTION: The digital low-resistance ohmmeter is a portable instrument used for measuring resistance in milliohms.

POWER REQUIREMENTS: Rechargeable batteries (Self-contained)

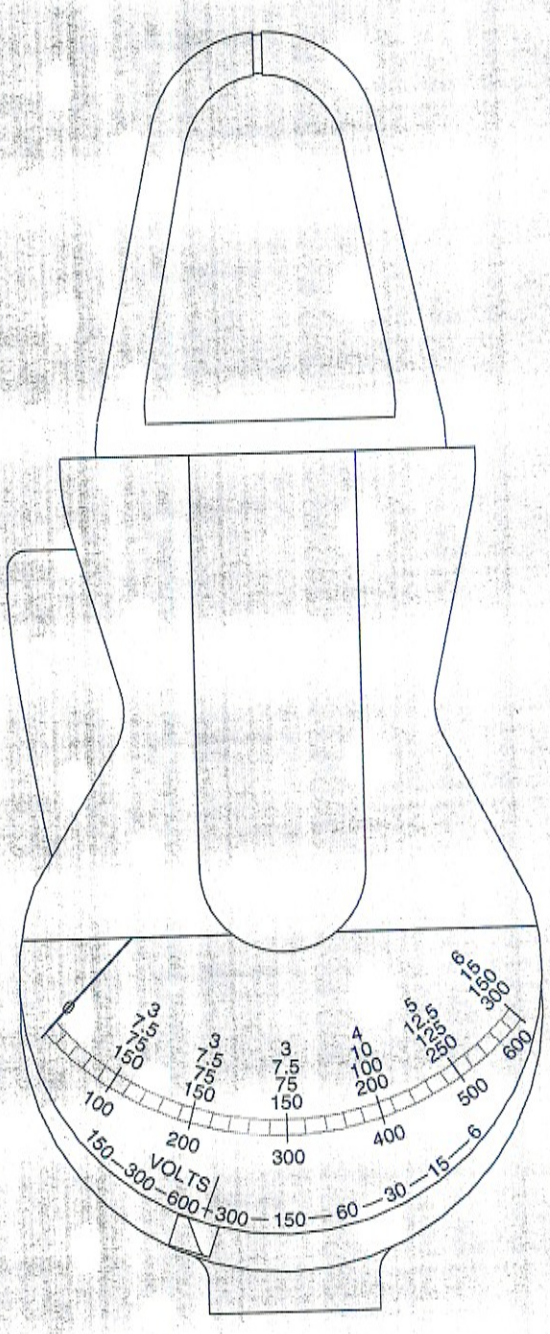
CALIBRATION REQUIREMENTS: 24 weeks

FE0839
SA

FIGURE C-103. DIGITAL LOW-RESISTANCE OHMMETER, 247000

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1124



DESCRIPTION: The ammeter is used to measure the flow of electric current in a circuit.

POWER REQUIREMENTS: Not applicable

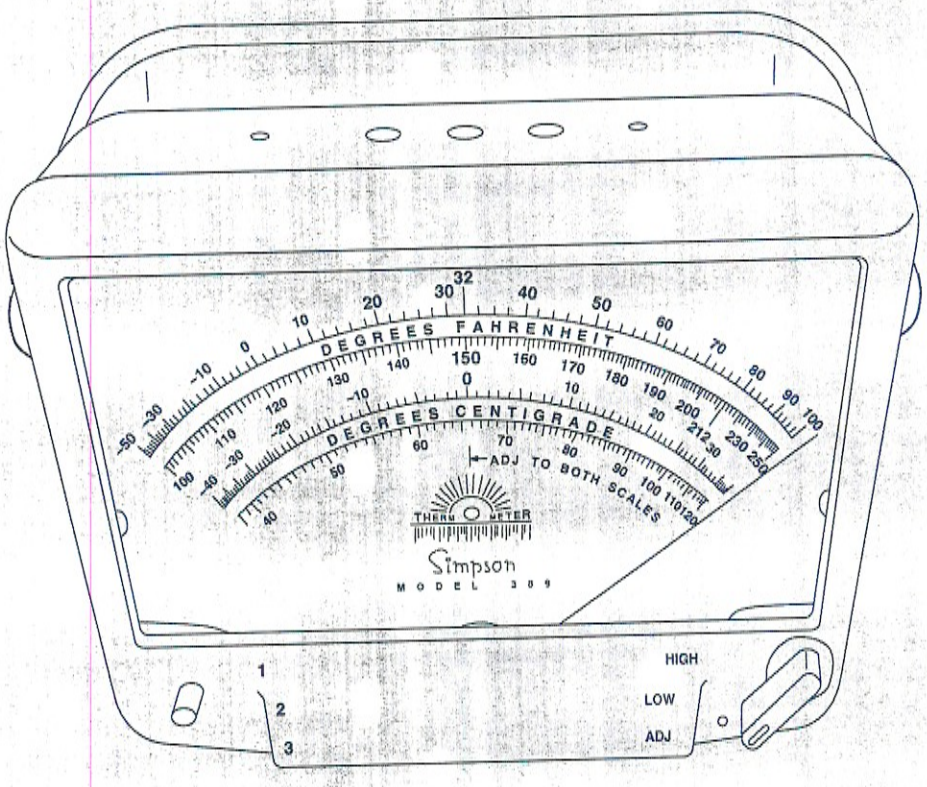
CALIBRATION REQUIREMENTS: Not applicable

FR0654
SA

FIGURE C-104. AMMETER, CLAMP-ON, 749

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1125



DESCRIPTION: The thermometer is used in conjunction with surface probe to measure windshield surface temperature.

POWER REQUIREMENTS: Not applicable

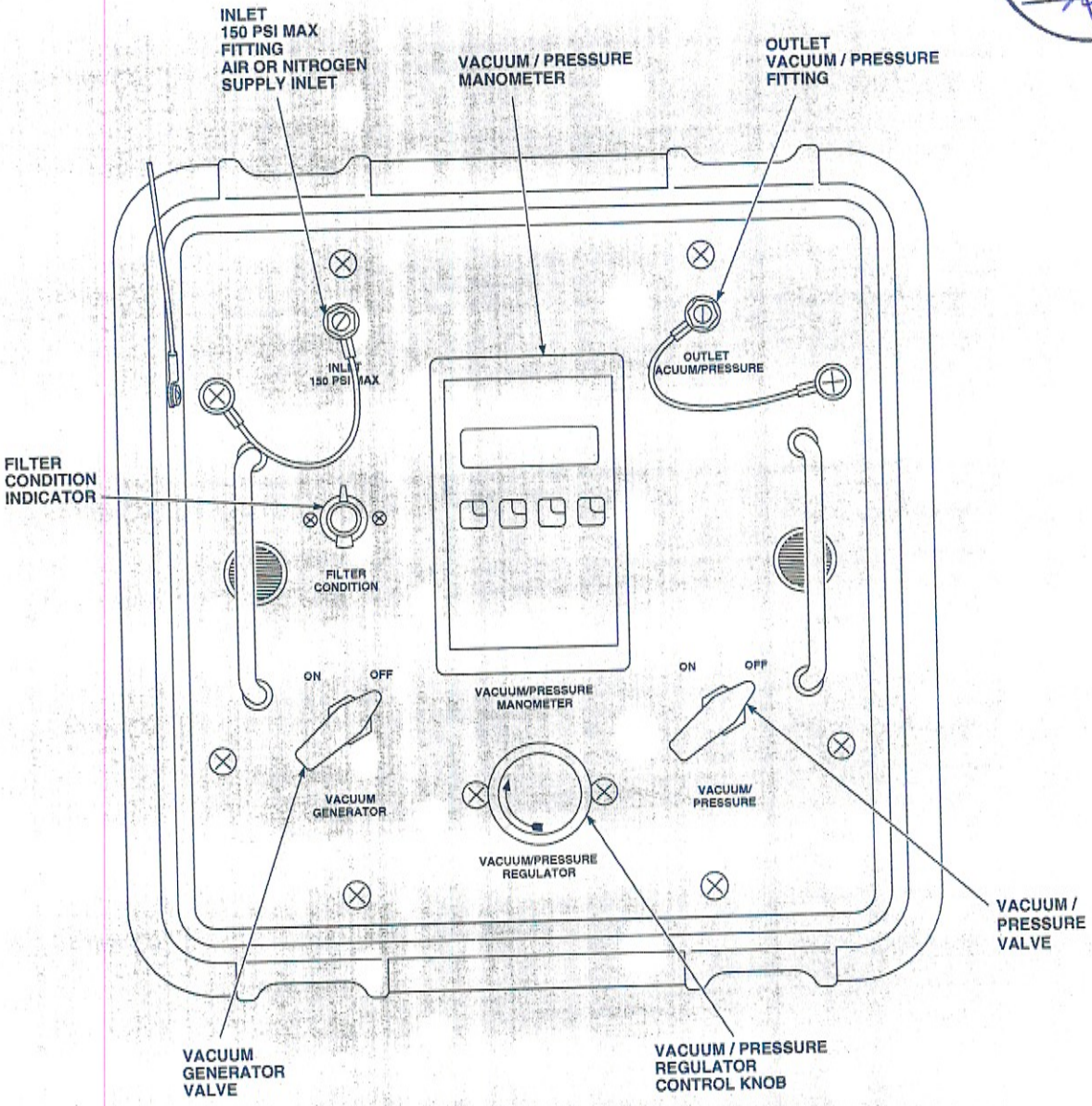
CALIBRATION REQUIREMENTS: Not applicable

FC2790
SA

FIGURE C-105. THERMOMETER, 389-3L

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1126



NOTE

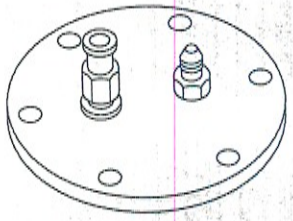
STOWED LOCATIONS OF FUEL INTEGRITY TESTER SK2000FIT ACCESSORIES.

FE0843_1
SA

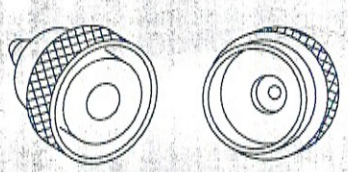
FIGURE C-106. FUEL INTEGRITY TESTER, SK2000FIT (SHEET 1 OF 3)

This document contains export-controlled information. See WARNING on first page.

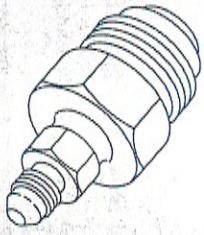
4º Batalhão de Aviação do Exército



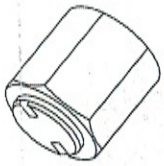
1



2

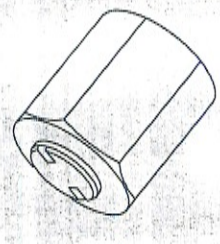


3

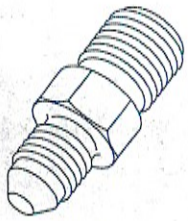


4

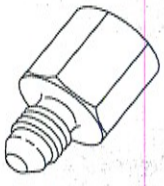




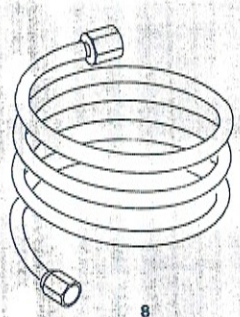
5



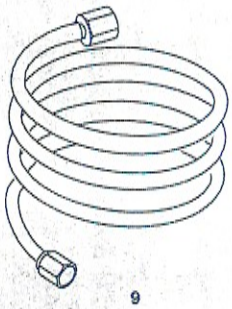
6



7

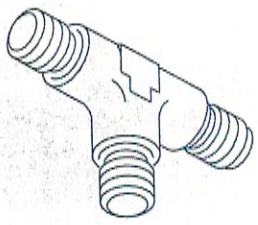


8



9

ITEM NO.	NOMENCLATURE	QTY REQUIRED	ALOCATION
1	FUEL CELL TEST ADAPTER	2	SIDE DRAWER
2	FUEL HOSE TEST ADAPTERS	2	SIDE DRAWER
3	ENGINE TEST PLUG ADAPTER	2	TOP COVER
4	PRIME SHUT-OFF VALVE PLUGS / CAPS	4	TOP COVER
5	ADAPTER CAP	6	TOP COVER
6	MALE SHOP HOSE ADAPTER	1	TOP COVER
7	FEMALE SHOP HOSE ADAPTER	1	TOP COVER
8	HOSE	2	TOP COVER
9	OUTLET PRESSURE HOSE	1	TOP COVER
10	TEE FITTING	1	TOP COVER



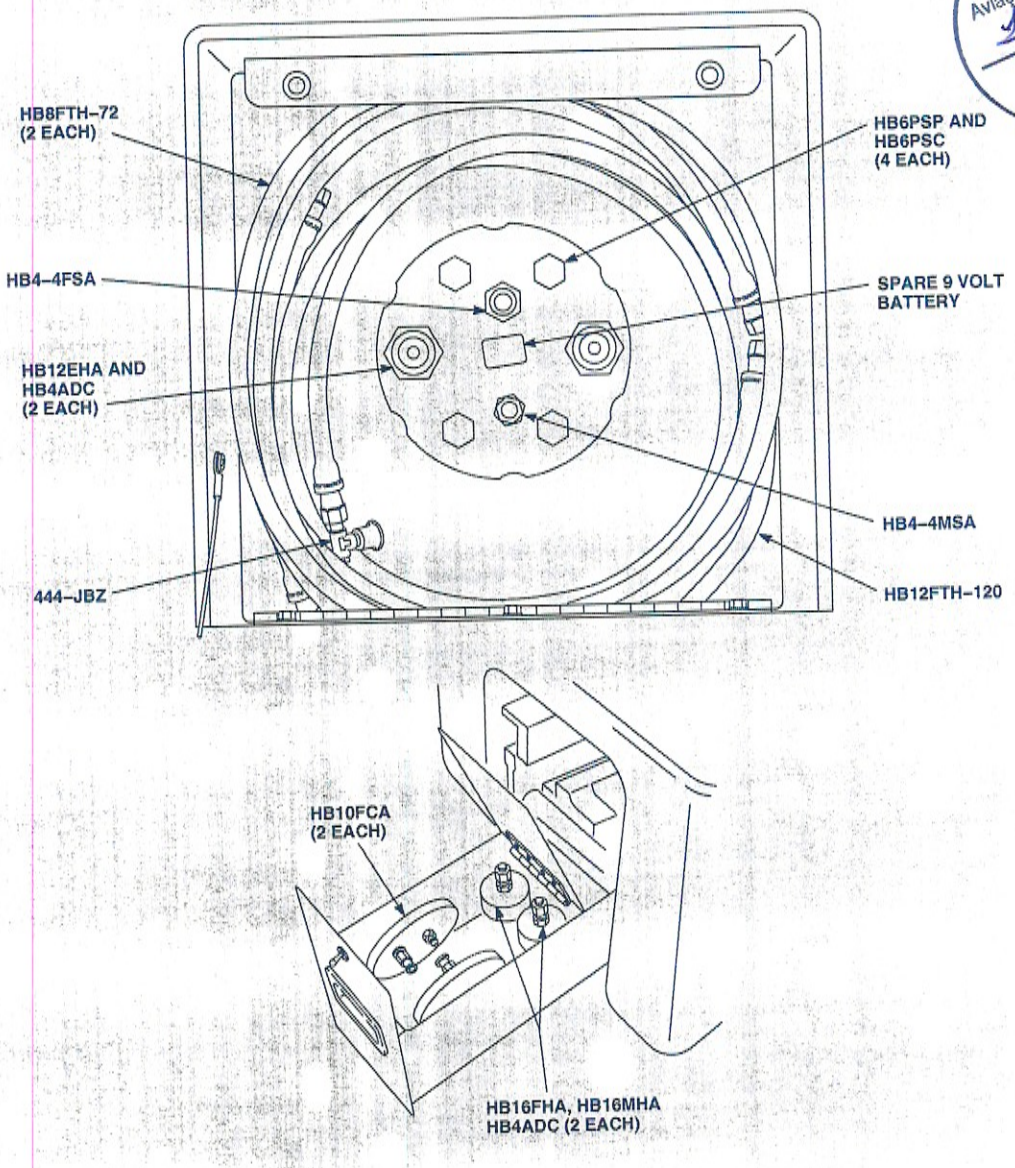
10

FE0843_2
SA

FIGURE C-106. FUEL INTEGRITY TESTER, SK2000FIT (SHEET 2 OF 3)

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
128



DESCRIPTION:
A requirement exists at O–Level maintenance to functionally test the main fuel cells for pressure and vacuum, and to test the integrity of the fuel feed system. In order to accomplish this requirement, a method of capping off the fuel cell is required with a way of applying pressure and measuring it.

POWER REQUIREMENTS: 9 Volt Battery

CALIBRATION REQUIREMENTS: Not Applicable

SEE NOTE

FE0843_3
BA

FIGURE C-106. FUEL INTEGRITY TESTER, SK2000FIT (SHEET 3 OF 3)

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
2129

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1130

APPENDIX D
EXPENDABLE AND DURABLE ITEMS LIST
SECTION I INTRODUCTION

D-1 SCOPE.

D-1.1 General.

This appendix lists expendable supplies and materials needed to operate and maintain the helicopter.

D-1.2 Description.

WARNING

Observe all cautions and warnings on the containers when using consumable materials. When applicable, wear necessary protective gear during handling and use. If a consumable is flammable or explosive, make certain consumable and its vapors are kept away from heat, spark, and flame. Make certain helicopter is properly grounded and fire fighting equipment is readily available prior to use. For additional information on toxicity, flashpoint, and flammability of chemicals, consult the manufacturer of the consumable.

CAUTION

Some contemporary products contain ingredients that may damage sealants, bushings, and protective coatings. To avoid this hazard it is recommended that only those consumable materials indicated in this appendix be used on the helicopter.

This Appendix is a complete list of consumable materials required for maintenance of the helicopter. Many of these materials are listed by their appropriate United States military or federal specifications. These specifications are generally known throughout the world and products meeting their requirements are usually readily available. In most cases, the specifications listed are identified by only the basic number without reference to any revision letter. Unless otherwise stated, only the latest revision applies, and it is the operator's responsibility to obtain and use only materials meeting the latest revision of each specification. When a specific revision letter is listed for a specification, it is because materials conforming to that particular revision best meet the requirements for the specified use of the consumable; a later or future revision may not meet the needed properties as well, and should not be used until qualified by Sikorsky Aircraft.

In many cases, suitable products by other manufacturers are available and have the properties required by the specification. The commercial products listed for each specification are those that were used by Sikorsky Aircraft in the production of the helicopter at the time the list was prepared. Unless otherwise stated, use of these commercial products is discretionary with the operator, but any other product that is chosen must be qualified to the specification that is listed. The operator may also find that some consumable materials in this list conform to military specifications, but that these military specifications are not called out for them. In such cases it may be assumed that only the products specified in the maintenance instructions are approved and

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1132

recommended by Sikorsky Aircraft as having the necessary properties and performance. The consumable materials in this list may also be purchased from Sikorsky Aircraft.

D-1.3 Warnings Applicable to Consumable Materials.

Consult your local safety and health staff concerning any questions regarding hazardous materials, Material Safety Data Sheet(s) (MSDS), personal protective equipment requirements, appropriate handling and emergency procedures, and disposal guidance.

WARNING

Acetic acid, Item 24, is combustible. Keep away from ignition sources (heat, flame). Oxidizer - may increase the flammability of nearby combustibles (wood, paper). When mixing with water, always add acid to water not water to acid. Keep glacial acetic acid off skin, eyes, and clothes. Contact with concentrated solution may cause severe burns. May cause allergic skin reactions in sensitive individuals. Do not breathe vapors. Inhalation may cause serious damage to the lining of the nose, throat, and lungs. Long-term overexposure may cause chronic inflammation of the respiratory tract. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical splashproof goggles, approved gloves, full-body impervious clothing, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

WARNING

Acetone, Item 25, is flammable and toxic to eyes, skin, and respiratory tract. Avoid repeated or prolonged contact. Use only in well-ventilated areas (or use approved respirator as determined by local safety/industrial hygiene personnel). Keep away from open flames, sparks, hot surfaces, or other sources of ignition. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: protective goggles or face shield, protective gloves.

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1132

WARNING

Adhesion promoter, Item 25A, is extremely flammable. Do not use near open flames, near welding areas, or on hot surfaces. Do not smoke when using it, and do not use it where others are smoking. Bond/ground metal containers to prevent ignition of product vapors by static discharge. Dispose of liquid soaked rags in approved metal container. Avoid contact. Prolonged or repeated contact may irritate the eyes and skin. Inhaling product vapors may cause headache, drowsiness, dizziness, nausea, and respiratory irritation. Long-term overexposure without use of protective equipment may cause damage to nervous system and lungs. FIRST AID: If product contacts the eyes, flush them immediately with water for at least 10 minutes; seek medical attention. In case of skin contact, wash affected area(s) with soap and water. Remove and launder contaminated clothing before reuse. If overcome by product vapor seek fresh air and possible medical attention. CONTAINS: Isopropyl, Toluene, Polyamide Resin. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: safety glasses/goggles, approved gloves, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

WARNING

Adhesive, Item 30, is flammable and irritating to the eyes and skin. Keep container closed; keep sparks, flames, and heat away. Use with proper ventilation. Breathing vapors may cause headaches, dizziness, and nausea. If skin or eye contact occurs, wash immediately with water. If ingested, do not induce vomiting. Seek immediate medical attention. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: safety glasses or goggles, approved gloves.

WARNING

Adhesive, Item 31, may be moderately irritating to the skin and eyes. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information, and local Occupational Safety and Health (OSH) regulations for appropriate safety precautions. Protection: goggles, gloves.

WARNING

Adhesive, Item 32, may irritate the eyes and skin. Keep adhesive off skin, eyes, and clothes. Prolonged or repeated contact may cause sensitization or allergic skin reaction. Avoid contact with mineral acids. Avoid mixing resin and curing agent in batches greater than one pound; toxic gases may be released by heat build-up. Dispose of resin waste in accordance with local, state, or federal regulations. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: safety glasses or goggles, protective gloves, forced ventilation, NIOSH/MSHA-approved respirator, if curing vapors or dust from sanding, milling, or drilling cured product exceeds established exposure limits.

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1233

WARNING

Adhesive, Item 33A, may irritate the eyes and skin. Keep adhesive off skin, eyes, and clothes. Prolonged or repeated contact may cause sensitization - allergic skin reaction. Avoid contact with mineral acids. Do not mix resin and curing agent in batches greater than one pound or in batches that will not be used within 20 minutes; toxic gases may be released by heat build-up. Dispose of resin waste in accordance with local, state, or federal regulations. Sanding cured dust may create silica dust, which could damage lung tissue. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: safety glasses or goggles, appropriate protective gloves, NIOSH/MSHA-approved respirator, if curing vapors or dust from sanding, milling, or drilling cured product exceeds established exposure limits.

WARNING

Adhesive, Item 34, may irritate the eyes. Prolonged or repeated contact may trigger sensitization which will result in allergic reactions. Contains asbestos, which has been found to cause cancer. Exposure to asbestos should not occur during mixture and use of adhesive, since the asbestos is bound to the adhesive. However, if the cured product is sanded without proper local exhaust ventilation and NIOSH/MSHA-approved toxic particle respirators, exposure by inhalation is probable. Mix resin and curing agent in batches to be used immediately. Stored mixture may exotherm if not used soon after preparation. Do not heat mixed adhesive above 75°F (24°C) unless curing surfaces to be bonded; toxic gases from excessive heat build-up may be released. Keep resin off skin, eyes, and clothes. Avoid breathing vapors. If dry sanding, machining, or drilling is required after curing, NIOSH/MSHA-approved respirator shall be worn. Dispose of resin waste in accordance with local, state, or federal regulations. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: safety glasses or goggles, impervious plastic or rubber gloves, good ventilation.

WARNING

Adhesive, Item 35, Part A - May irritate the skin. Prolonged or repeated contact may trigger sensitization which will result in allergic reactions. Part B - Corrosive - May severely burn the eyes and skin on contact. Breathing vapor may cause chest discomfort and respiratory irritation. Contact may trigger skin sensitization followed by allergic reaction. Mixture Parts A and B - Mix resin and curing agent in batches to be used immediately. Stored mixture may exotherm if not used soon after preparation. Do not heat mixed adhesive above 75°F (24°C) unless curing surfaces to be bonded; toxic gases from excessive heat build-up may be released. Avoid contact of epoxy resin with skin, eyes, and clothes. In case of contact with epoxy resin, flush skin or eyes with water and seek medical attention. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical splashproof goggles, impervious plastic or rubber gloves, good ventilation.

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército 1134

WARNING

Adhesive, Item 36, may be moderately irritating to the skin and eyes. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information, and local Occupational Safety and Health (OSH) regulations for appropriate safety precautions. Protection: goggles, gloves.

WARNING

Adhesive, Item 37, is extremely flammable. Do not use near open flames, welding areas, or on hot surfaces. Bond/ground metal containers to prevent ignition through static discharge. Keep containers securely closed when not in use. Product applicators, such as brushes or rags, must be properly disposed or cleaned. Do not smoke when using or use where others are smoking. Avoid contact. Liquid and vapor may cause moderate to severe irritation of the eyes and skin, depending on the duration of exposure. If eye contact occurs, flush eyes with plenty of water for at least 10 minutes; in case of skin contact, wash affected area with soap and water. Prolonged inhalation of vapors is dangerous. Breathing vapor may cause headache, dizziness, nausea, and respiratory irritation. If such symptoms persist, seek fresh air and medical attention. Repeated or extreme overexposure to product vapor may cause nervous system damage. Use product in well-ventilated spaces (explosion-proof ventilation) with proper personal protective equipment. If swallowed, do not induce vomiting; consequent aspiration of product into the lungs may injure lung tissue. CONTAINS: Petroleum Distillate, Methyl Ethyl Ketone, Magnesium Resinate, Polychloroprene, Toluene. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical goggles, approved gloves, protective clothing, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

WARNING

Adhesive, Item 38, is a two component system, Part A and Part B. The precautions for each component should be observed when separate or mixed. Use with proper ventilation. Avoid breathing vapors released during heat curing. Curing equipment should be properly vented. Avoid breathing dust from cutting, grinding, or sanding operations. Avoid eye and skin contact. Direct eye contact may cause severe irritation. Contact with the skin may cause moderate irritation, and allergic rash in sensitized individuals. If eye contact occurs, flush immediately with water for at least 10 minutes. If skin contact occurs, wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: safety goggles, approved gloves, protective clothing to prevent skin contact, NIOSH/MSHA-approved respirator, if curing vapors or dust from sanding, milling, or drilling cured product exceed established exposure limits.

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1135

WARNING

Adhesive, Item 39, is flammable. Keep container closed; keep sparks, flames, and heat away; keep adhesive off skin, eyes, and clothes. May irritate the eyes and skin. If eye contact occurs, flush with water for 15 minutes and seek medical attention. Do not breathe vapors. Breathing vapor may cause headache, dizziness, and nausea. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical splashproof goggles, impermeable gloves; good ventilation and/or NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

WARNING

Adhesive, Item 40, is composed of resins and hardness or curing agents that may contain hazardous ingredients. Keep adhesive away from strong oxidizing agents and heat. Avoid eye and skin contact. Avoid, inhalation of vapors created during the cure cycle, and dust created by cutting, sanding or grinding. If contact with eyes occur immediately flush eyes with large amounts of water and get immediate medical attention. If it contacts skin, wash skin with soap and large amounts of water. If swallowed do not induce vomiting. Drink two glasses of water and call a physician. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: vented safety glasses with side shields, appropriate gloves, NIOSH/MSHA-approved respirator, if vapor exceeds established exposure limits.

WARNING

Adhesive, Item 41, is composed of resins and hardness or curing agents that may contain hazardous ingredients. Dusts from grinding, sanding, and cutting operations on cured material may irritate the eyes, skin, and respiratory tract. If adhesive contacts eyes, flush immediately with large quantities of water and seek medical attention. If it contacts skin, wash thoroughly with soap and water. Prolonged or repeated contact may cause allergic reaction in susceptible persons. Do not inhale vapors during curing. Use only with adequate ventilation. Wash hands thoroughly after handling. If spilled on clothing, wash contaminated clothing before reuse. If spilled, completely clean up area of spillage. Incinerate properly in accordance with local regulations. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: approved protective safety glasses, protective gloves.

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército 136

WARNING

Adhesive, Item 42, contains organic solvent and is extremely flammable - do not use near open flames, welding areas, or on hot surfaces. Bond/ground containers during transfer. Do not smoke when using or use where others are smoking. May severely irritate the eyes. Avoid skin contact. May irritate the skin on prolonged or repeated contact. Prolonged breathing of vapors is dangerous. Breathing vapor may cause headache, dizziness, nausea, and respiratory irritation. Long-term overexposure may cause heart, liver, kidney, and blood damage. If swallowed, do not induce vomiting. Use in well-ventilated spaces. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical goggles, impervious gloves, good ventilation and NIOSH/MSHA-approved respirator, particularly in confined areas.

WARNING

Adhesive, Item 44, is a fast curing adhesive and may cause instant skin-to-skin bonding. If skin bonding occurs, soak surfaces in warm, soapy water. Never attempt to separate surfaces by pulling apart. Seek medical attention. Adhesive in eyes will loosen in several hours. If eyelid bonding occurs, wash thoroughly with warm, soapy water and apply gauze pad. Eyelids will open on their own within 1 to 4 days. Do not attempt to force eyelids open. Skin contact may irritate skin. Vapors may irritate eyes and respiratory tract, and may cause asthma-like allergic reactions in some individuals. Keep container closed; keep spark, flames and heat away. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical splashproof goggles, protective gloves, good ventilation.

WARNING

Adhesive, Item 44A, is combustible. Keep container closed and store in a cool, dry place. Use only in well-ventilated areas. Keep clear of all sources of ignition or sparks during application. Breathing vapors may cause headaches, dizziness, and nausea; avoid prolonged inhalation of vapors. May cause skin and eye irritation. If skin or eye contact occurs, wash immediately with water for at least 15 minutes. If ingested, do not induce vomiting. Seek immediate medical attention. Wash hands thoroughly with soap and water after use. Wash contaminated clothing before reuse. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: safety glasses or goggles, approved gloves, good ventilation, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

This document contains export-controlled information. See WARNING on first page.

4ª Brigada de Aviação do Exército 1138

WARNING

Adhesive, Item 46, is flammable. Keep container closed; keep sparks, flames, and heat away; keep adhesive off skin, eyes, and clothes. May irritate the eyes and skin. If eye contact occurs, flush with water for 15 minutes and seek medical attention. Do not breathe vapors. Breathing vapor may cause headache, dizziness, and nausea. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical splashproof goggles, impermeable gloves, good ventilation and/or NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

WARNING

Adhesive, Item 47, is extremely flammable. Vapors may ignite explosively. Keep container closed and store in a cool, dry place. Bond and ground containers of product to prevent ignition through static discharge. Use only in well-ventilated areas. Keep clear of all sources of ignition or sparks during application and curing. Avoid inhaling vapors. Breathing vapors may cause headaches, dizziness, and nausea. Liquid and vapor may irritate the eyes. Prolonged or repeated contact may irritate the skin. May be absorbed through the skin in levels that may affect inner organ systems. If skin or eye contact occurs, wash immediately with water. If ingested, do not induce vomiting. Seek immediate medical attention. Protection: safety glasses or goggles, approved gloves, good ventilation, protective clothing to prevent contact, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits, particularly in confined areas.

WARNING

Adhesive, Item 48, may irritate the eyes. Prolonged or repeated contact may trigger sensitization which will result in allergic reactions. Contains asbestos, which has been found to cause cancer. Exposure to asbestos should not occur during mixture and use of adhesive, since the asbestos is bound to the adhesive. However, if the cured product is sanded without proper local exhaust ventilation and NIOSH/MSHA-approved toxic particle respirators, exposure by inhalation is probable. Mix resin and curing agent in batches to be used immediately. Stored mixture may exotherm if not used soon after preparation. Do not heat mixed adhesive above 75°F (24°C) unless curing surfaces to be bonded; toxic gases from excessive heat build-up may be released. Keep resin off skin, eyes, and clothes. Avoid breathing vapors. If dry sanding, machining, or drilling is required after curing, NIOSH/MSHA-approved respirator shall be worn. Dispose of resin waste in accordance with local, state, or federal regulations. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: safety glasses or goggles, impervious plastic or rubber gloves, good ventilation.

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1238

WARNING

Adhesive, Item 49, is flammable. Keep container closed. Keep sparks, flames, and heat away. Keep adhesive off skin, eyes, and clothes. May irritate the eyes and skin. Do not breathe vapors. Breathing vapor may cause headache, dizziness, nausea. Long-term overexposure may damage the liver, kidneys, lungs, and nervous system. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical splashproof goggles, protective gloves, good ventilation, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

WARNING

Adhesive, Item 52, as an uncured product may irritate the eyes, skin, nose, and throat. Product releases toxic, irritating acetic acid during application and curing; mechanical ventilation should be used to keep acetic acid mist well below established exposure limits. Keep sealant off skin, eyes, and clothes. Keep sparks, flames, and heat away. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: safety glasses or goggles, approved gloves, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

WARNING

Adhesive, Item 53, as an uncured product may irritate the eyes and skin. Avoid contact with the eyes and skin. Uncured product may irritate the eyes and skin. Avoid breathing vapors. Use only in a well-ventilated area. Uncured product may cause respiratory irritation. Product releases irritating acetic acid during application and curing; acetic acid vapor is combustible; do not apply near ignition sources (heat, flame); mechanical ventilation should be used to maintain vapor levels well below established limits. Repeated or prolonged inhalation may result in chronic bronchitis. Do not handle contact lenses until sealant has been cleaned from fingernails and tips; residual silicone may cause severe eye irritation. If vapor irritates eyes or skin, flush affected area immediately with water. For respiratory irritation, seek fresh air and possible medical attention. Do not eat, drink, or smoke in work area. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical splashproof goggles, rubber gloves, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

WARNING

Adhesive, Item 54, as an uncured product may irritate the eyes, skin, nose, and throat. Product releases toxic, irritating acetic acid during application and curing; mechanical ventilation should be used to keep acetic acid mist well below established exposure limits. Keep sparks, flames, and heat away. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: safety glasses or goggles, approved gloves, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército 2139

WARNING

Adhesive, Item 55, is combustible. Keep sparks, flames, and heat away; keep adhesive off skin, eyes, and clothes. Do not breathe vapors. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical splashproof goggles, impervious gloves, good ventilation.

WARNING

Adhesive, Item 56, as an uncured product can irritate eyes. If contact with eyes occurs, flush immediately with water for 15 minutes and seek medical attention. May cause mild skin irritation. If skin contact occurs, wipe with dry cloth then wash with soap and water. Individuals who wear contact lenses should thoroughly wash hands prior to handling lenses. Residual silicone may transfer from fingertips to lenses, causing severe eye irritation. Adhesive/sealant may irritate the stomach if swallowed. CAUTION: Product releases toxic, flammable methanol during application and curing; mechanical ventilation designed for flammable vapor should be used to maintain methanol vapor levels well below established exposure limits. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical splashproof goggles, protective gloves, NIOSH/MSHA-approved respirator, if curing vapors or dust from hot work applications on cured product exceed established exposure limits.

WARNING

Adhesive, Item 57, is combustible. Keep container closed; keep sparks, flames, and heat away. CAUTION: Reacts with water and acids, liberating flammable methyl alcohol. Wash hands thoroughly after use. Keep sealant off eyes, skin, and clothes. Uncured adhesive/sealant can irritate eyes. If contact with eyes occurs, flush immediately with water for 15 minutes and seek medical attention. Prolonged or repeated contact may irritate the skin; should contact with the skin occur, wipe off and flush with water. Do not wear contact lenses when handling. Residual adhesive/sealant may remain on fingers, nails, or cuticles for several days and transfer to lenses, causing severe eye irritation. Do not breathe vapors; inhalation may cause drowsiness and upper respiratory irritation. If irritation persists, seek fresh air and possible medical attention. Long-term overexposure without protective equipment may cause nervous system damage. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: safety goggles, protective gloves, good ventilation, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
2140

WARNING

Adhesive, Item 59, is irritating to skin, eyes, nose, and throat. Do not breathe vapors. Do not eat, drink, or smoke in work area. Clean contaminated clothing thoroughly before reuse. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical splashproof goggles and/or face shield, rubber gloves, good ventilation or NIOSH/MSHA-approved acid vapor respirator.

WARNING

Adhesive, Item 59A, is irritating to skin, eyes, nose, and throat. Do not breathe vapors. Do not eat, drink, or smoke in work area. Clean contaminated clothing thoroughly before reuse. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical splashproof goggles and/or face shield, nitrile gloves, good ventilation or NIOSH/MSHA-approved acid vapor respirator.

WARNING

Adhesive, Item 60, is flammable. Keep container closed and store in a cool, dry place. Use only in well-ventilated areas. Bond and ground metal containers during use and transfer to prevent ignition through static discharge. Keep clear of all sources of ignition or sparks during application and curing. Breathing vapors may cause headaches, dizziness, confusion, and respiratory irritation. Long-term overexposure without protective equipment may cause liver and kidney damage, and may trigger "asthmatic-type" respiratory responses and allergic skin reactions. May cause skin and eye irritation. If skin or eye contact occurs, wash immediately with water for at least 15 minutes. If ingested, do not induce vomiting. Seek immediate medical attention. Wash hands thoroughly with soap and water after use. Launder contaminated clothing before reuse. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: safety glasses or goggles, approved gloves, good ventilation, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1241

WARNING

Adhesive, Item 60A, is a highly flammable liquid and vapor and is harmful if swallowed, inhaled, or absorbed through the skin. It will cause severe skin burns, eye damage and may cause respiratory and skin irritation. Wear neoprene, nitrile, or rubber gloves/safety eyewear including safety glasses with side shields and chemical goggles where splashing may occur. If contact is prolonged or repeated, silver shield or butyl rubber gloves are recommended. Use disposable or impervious clothing if work clothing contamination is likely. Keep away from heat, sparks, open flames, hot surfaces, or other sources of ignition. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilation, and lighting equipment. Use only non-sparking tools. Do not breathe dust, fumes, gas, mist, vapors, or spray. Use only outdoors or in a well-ventilated area. Contains a small amount of dimethylaniline (DMA) which has poor odor warning properties. If exposure limit for DMA is exceeded, an air-supplied respirator is recommended. Otherwise, a NIOSH-approved properly fitted organic vapor, air purifying respirator is recommended. Use a NIOSH-approved chemical/mechanical filter respirator designed to remove a combination of particles and organic vapors if occupational limits are exceeded. Store only in well-ventilated areas. Consult your local safety/industrial hygiene and material SDS for specific requirements about components, reactivity, physical hazards, spill procedures, health hazards, first aid procedures, and PPE. Protection: chemical splashproof goggles, approved gloves, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

WARNING

Adhesive, Item 64, is flammable. Keep product away from potential sources of ignition, such as heat, spark, and flame. Product may cause eye, skin and respiratory tract irritation. Long-term exposure may cause headache, nausea, and dermatitis. If eye contact occurs, flush eyes immediately with large amounts of water. If product contacts the skin, wash affected areas with soap and water and remove contaminated clothing. Seek fresh air, if breathing is difficult, and provide oxygen. If swallowed, do not induce vomiting. Give one or two glasses of milk and call for medical assistance. Protection: appropriate gloves safety glasses or goggles. Wash hands thoroughly after use. Accelerator is combustible. Keep away from heat, sparks and open flame. Keep containers tightly closed. WARNING: Product contains benzoyl peroxide. If solvents evaporate, dried residue may ignite with heat or friction. Eye and skin contact may cause irritation. Inhaling of product may irritate the respiratory system, causing dryness of the throat, tightness of the chest and shortness of breath. In addition, overexposure to this product may cause nervous system damage, causing headache, dizziness and staggering. If product contacts the skin, wash affected areas with soap and water and remove contaminated clothing. If breathing is difficult, seek fresh air, provide oxygen. If swallowed, do not induce vomiting. Give one or two glasses of milk and call for medical assistance. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: safety glasses or goggles, rubber gloves. Wash hands thoroughly after each use.

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército 142

WARNING

Adhesive, Item 66, is flammable. Keep away from sparks, heat, flame, and other ignition sources. Bond and ground metal containers during transfer to prevent ignition through static discharge. Keep containers closed when not in use. Avoid contact. May irritate the eyes and skin. May be absorbed through the skin in potentially dangerous levels that may affect inner organs. Avoid breathing vapor. Inhalation may cause headache, dizziness, nausea, and respiratory irritation. Long-term overexposure may cause liver, heart, and kidney damage. No eating, drinking, or smoking is allowed where paints are being mixed, handled, or cleaned-up. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical splashproof goggles, approved gloves, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

WARNING

Adhesive, Item 66E, is irritating to skin, eyes, nose, and throat. Do not breathe vapors. Avoid exposure to air or moisture until ready to use, acetic acid vapors form during curing. Do not eat, drink, or smoke in work area. Clean contaminated clothing thoroughly before reuse. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical splashproof goggles and/or face shield, rubber gloves, good ventilation or NIOSH/MSHA-approved acid vapor respirator.

WARNING

Adhesive primer, Item 67, Parts A and B, are flammable. Part A and may irritate the eyes and skin. May cause allergic skin reaction in certain individuals. Breathing vapor may cause headache, dizziness, nausea, respiratory irritation. Long-term overexposure may affect the heart, liver, kidney, and blood. Part B - May irritate the eyes and skin. May cause allergic skin reaction. May be absorbed through the skin in potentially dangerous amounts that may affect inner organ systems. Breathing vapor may cause headache, dizziness, nausea, respiratory irritation. Long-term overexposure may affect the liver, kidney, and blood. Chronic overexposure to the component 2-ethoxyethyl acetate may cause birth defects and male reproductive system changes. Chronic overexposure to component chromates has been found to cause cancer. Mixture Part A & B - Flammable - Keep away from ignition sources (heat, flame). Bond/ground metal containers during transfer to prevent ignition through static discharge. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical splashproof goggles, impervious gloves, full-body protective clothing, good ventilation, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1143

WARNING

Adhesive primer, Item 68, is extremely flammable. Keep container closed; keep sparks, flames, and heat away. Bond and ground metal containers during transfer to prevent ignition through static discharge. Keep adhesive primer off skin, eyes, and clothes. Direct contact may irritate the eyes. Upon eye contact, flush immediately with water for 15 minutes. Prolonged or repeated contact may irritate the skin, leading potentially to dermatitis. If adhesive primer contacts the skin, wash with soap and water; remove and launder contaminated clothing. Avoid breathing vapor; inhalation may cause headache, dizziness, nausea, and upper respiratory irritation. If these symptoms persist, seek fresh air and possible medical attention. If swallowed, do not try to vomit; chemical may enter lungs, causing damage. CAUTION: Contains strontium chromate. Inhalation of mists from spray painting or dusts from grinding primed parts may cause cancer. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical splashproof goggles, gloves, good ventilation, full-body protective clothing, NIOSH/ MSHA-approved respirator, if vapors exceed established exposure limits.

WARNING

Denatured alcohol, Item 70, is flammable and toxic to eyes, skin, and respiratory tract. Avoid repeated or prolonged contact. Use only in well-ventilated areas. Keep away from open flames, sparks, or other sources of ignition. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: goggles or face shield, protective gloves, good ventilation or use approved respirator as determined by local safety/ industrial hygiene personnel.

WARNING

Isopropyl alcohol, Item 72, is flammable and toxic to eyes, skin, and respiratory tract. Avoid repeated or prolonged contact. Use only in well-ventilated areas. Keep away from open flames, sparks, or other sources of ignition. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: goggles or face shield, protective gloves, good ventilation or use approved respirator as determined by local safety/ industrial hygiene personnel.

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1194

WARNING

Alodine, Item 73, is a strong oxidizing agent that may ignite combustible material such as sawdust, rags, and paper or organic substances. Keep container closed; keep sparks, flames, and heat away. Keep alodine off skin, eyes, and clothes. May severely burn the eyes and skin on contact. Do not breathe vapors. Breathing dusts or mists may irritate the respiratory tract. Long-term overexposure by breathing mists or absorption through the skin may cause cancer, kidney and liver damage, and ulceration of the nasal septum. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: goggles or face shield, neoprene or polyvinyl gloves, apron, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

WARNING

Antiseize compound, Item 74, is flammable. Do not use near open flames, near welding areas, or on hot surfaces. Do not smoke when using it and do not use it where others are smoking. Metal container must be grounded to maintain electrical continuity. Dispose of liquid-soaked rags in approved metal safety container. Contact with the liquid can cause severe skin and eye irritation. After any prolonged skin contact, wash contacted area with soap and water. If liquid contacts eyes, flush eyes thoroughly with water for 15 minutes. If vapors cause drowsiness, move to fresh air. Get medical attention. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: If repeated or prolonged application of aerosol with spray can or brush is likely, wear NIOSH/MSHA-approved respirator, gloves, and goggles.

WARNING

Antiseize compound, Item 75, is combustible. Do not use near open flames, near welding areas, or on hot surfaces. Do not smoke when using it and do not use it where others are smoking. Prolonged or repeated contact may irritate the eyes and skin. After any prolonged skin contact, wash contacted area with soap and water. If liquid contacts eyes, flush eyes thoroughly with water. Dispose of liquid-soaked rag in approved metal safety container. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: safety glasses, approved gloves.

WARNING

Antiseize compound, Item 76, may irritate the eyes and skin. Avoid prolonged or repeated contact. Vapors from heated product or mists from spray applications may irritate the respiratory tract; as a paste, the product poses minimal inhalation hazard. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: safety glasses, approved gloves.

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
22 45

WARNING

Assembly fluid, Item 79, may irritate the skin and eyes on contact. If assembly fluid contacts the eyes, flush immediately for 15 minutes. Prolonged or repeated use without hand protection may cause dermatitis. At normal temperatures, assembly fluid poses minimal health hazard by inhalation. If the product is heated or applied as a mist, use of a NIOSH/MSHA-approved respirator may be necessary. Wash hands with soap and water after use. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical splashproof goggles or safety glasses, oil-resistant gloves, skin-protective clothing, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

WARNING

Technical chromium trioxide, Item 91, is highly reactive. Do not mix with organic materials or materials that oxidize such as paper and wood. When mixing solutions, add acid to water, not water to acid. Avoid contact with the eyes and skin; contact may cause severe burns and skin ulcers. If any liquid or powder contacts skin, flush affected area with water, and immediately change contaminated clothing. Contaminated clothing must not be laundered at home. If skin ulcers appear, get medical attention. Breathing vapors, mists, or powder may cause severe respiratory irritation. Long-term overexposure by inhalation or absorption through the skin may cause cancer and liver, kidney, and respiratory system damage. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical goggles, approved gloves, apron, long sleeves, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

WARNING

Cleaning compound, Item 92, is combustible - Keep cleaning compound away from potential sources of ignition, including heat, spark, and flame. CAUTION: Combustion of product or heat of flame may produce irritating and poisonous gases. Avoid contact. Direct contact may irritate the eyes and skin. In case of contact, flush affected area immediately with plenty of water. Avoid breathing mists or vapors. Inhalation may cause headache, dizziness, nausea, and respiratory irritation. In case of contact, flush affected area immediately with plenty of water. Seek medical attention if irritation persists. Products meeting this specification may have varying component ingredients. Product hazards vary with respect to unique chemical composition. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: safety glasses or chemical splashproof goggles, approved gloves, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército

WARNING

Cleaning compound, Item 94, may irritate the eyes and skin. Avoid contact. May be absorbed through the skin in levels that may affect inner organs. Should eye or skin contact occur, flush the affected area immediately with water for about 15 minutes. Seek medical attention if irritation persists. Avoid inhaling vapors, particularly if product is applied to hot surfaces. Breathing vapors may cause headache, dizziness, nausea, and respiratory irritation. NOTE: Severity of exposure symptoms varies with specific product composition and duration of use. Products meeting this specification may have varying component ingredients. Product hazards vary with respect to unique chemical composition. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: safety goggles, approved gloves, full-body protective clothing, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

WARNING

Solvent cleaning compound, Item 99, VAPOR IS HAZARDOUS AND CAN CAUSE DEATH BY ASPHYXIATION IF TOO MUCH IS INHALED. Vapor from one pint of liquid evaporated in a small room is nearly odorless, but immediately dangerous to life or health. In case of spill, warn others and leave the area immediately. When used indoors, do not rely upon oxygen deficiency monitor to warn of dangerous concentrations of Trichlorotrifluoroethane. Have at least two people present at all times with one as observer. Have emergency escape breathing devices available for immediate use. Repeated or prolonged contact with liquid can cause skin and eye irritation. Breathing vapor may cause drowsiness, dizziness, headache, confusion and heart damage. After prolonged skin contact, wash contacted area with soap and water. Remove contaminated clothing. If vapors cause irritation, go to fresh air; get medical attention. Do not enter places where Trichlorotrifluoroethane is stored until ventilated, and air sample verifies that levels of Freon are well below established limits and oxygen concentration is between 19.5% and 22%. Dispose of liquid-soaked rags in approved metal container. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: goggles, approved gloves, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

WARNING

Solvent cleaning compound, Item 99A, is combustible and toxic to eyes, skin, and respiratory tract. Avoid repeated or prolonged contact. Use only in well-ventilated areas. Keep away from open flames, sparks, or other sources of ignition. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: goggles or face shield, protective gloves, good ventilation, approved organic vapor respirator, with dust and mist filter, if exposed to vapor mist.

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1247

WARNING

Solvent cleaning compound, Item 99B, is combustible and toxic to eyes, skin, and respiratory tract. Avoid repeated or prolonged contact. Use only in well-ventilated areas. Keep away from open flames, sparks, or other sources of ignition. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: goggles or face shield, protective gloves, good ventilation, approved organic vapor respirator, with dust and mist filter, if exposed to vapor mist.

WARNING

Solvent cleaning compound, Item 99C, may cause slight eye and skin irritation. If eyes become red or have a burning sensation, flush with cool water for 15 minutes. Then seek medical attention. If dermatitis occurs on skin, flush skin with water use good quality hand cream. If irritation persists, consult a physician. If ingested, drink 2 large glasses of water, do not induce vomiting. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: safety glasses, approved gloves.

WARNING

Solvent cleaning compound, Item 100, is combustible - Keep away from potential sources of ignition, including heat, spark, and flame. CAUTION: Combustion of product or heat of flame may produce irritating and poisonous gases. Avoid contact. Direct contact may irritate the eyes and skin. Certain components maybe absorbed through the skin in potentially dangerous levels that may affect inner organs. In case of contact, flush affected area immediately with plenty of water. Avoid breathing mists or vapors. Inhalation may cause headache, dizziness, nausea, and respiratory irritation. In case of contact, flush affected area immediately with plenty of water. Seek medical attention if irritation persists. Products meeting this specification may have varying component ingredients. Product hazards vary with respect to unique chemical composition. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: safety glasses or chemical splashproof goggles, approved gloves, full-body protective clothing, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

WARNING

Solvent cleaning compound, Item 100A, is combustible and toxic to eyes, skin, and respiratory tract. Avoid repeated or prolonged contact. Use only in well-ventilated areas. Keep away from open flames or other sources of ignition. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: goggles or face shield, protective gloves, good ventilation or use approved respirator as determined by local safety/ industrial hygiene personnel.

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército

WARNING

Coating compound, Item 106, is flammable. Keep product away from potential sources of ignition, such as heat, spark, and flame. Bond/ground metal containers. Keep containers securely closed when not in use. Product applicators, such as brushes and rags must be properly disposed or cleaned. Avoid contact. Direct contact may cause moderate eye irritation. Product may moderately irritate skin. Inhaling product vapors may cause headache, dizziness, nausea, and respiratory irritation. Long-term overexposure to product may cause dermatitis and central nervous system affects. If eye contact occurs immediately flush eyes in a continuous stream for at least 15 minutes. Seek medical attention. In case of skin contact wash thoroughly with soap and water. Seek medical attention if irritation persists. If overcome by product vapors go to fresh air and seek medical assistance. If ingested do not induce vomiting if available drink a glass of milk and seek medical attention. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: safety goggle or face shield, heavy duty neoprene/polyethylene gloves, protective clothes to prevent skin contact, good ventilation, NIOSH/MSHA-approved respiratory protection, if vapors exceed established exposure limits.

WARNING

Corrosion compound, Item 108, is corrosive. It may burn exposed body tissues on contact. Avoid contact with skin and eyes; do not breathe mists. May contain chemicals that may be absorbed through the skin in dangerous amounts that can affect inner organ systems. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: goggles or face shield, approved gloves, protective clothing as required. Wash hands thoroughly after handling.

WARNING

Corrosion preventive compound, Item 108A, may irritate the eyes. Avoid contact with product. Prolonged or repeated contact may irritate the skin. Long-term use without proper hand protection may cause dermatitis. If splashed on clothing or eyes, remove clothing immediately and flush the eyes and skin with water for 15 minutes. Avoid breathing vapor. Keep containers closed when not in use; use in a well-ventilated area. Inhalation may cause headache, dizziness, nausea, and respiratory irritation. If swallowed, do not try to vomit; chemical may enter the lungs, causing damage; seek immediate medical attention. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical splashproof goggles, approved gloves, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

This document contains export-controlled information. See WARNING on first page.

1148

WARNING

Corrosion preventive compound, Item 108B, may irritate the eyes. Avoid contact with product. Prolonged or repeated contact may irritate the skin. Long-term use without proper hand protection may cause dermatitis. If splashed on clothing or eyes, remove clothing immediately and flush the eyes and skin with water for 15 minutes. Avoid breathing vapor. Keep containers closed when not in use; use in a well-ventilated area. Inhalation may cause headache, dizziness, nausea, and respiratory irritation. If swallowed, do not try to vomit; chemical may enter the lungs, causing damage; seek immediate medical attention. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical splashproof goggles, approved gloves, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

WARNING

Corrosion preventive compound, Item 108C, is reactive - strong oxidizer; may enhance the flammability of nearby combustibles. Keep container closed. Keep sparks, flames, and heat away. Keep away from alkaline materials. Corrosive - Burns the eyes and skin on contact. Should skin or eye contact occur, immediately flush with water for 15 minutes. Seek medical attention. Contaminated clothing must be removed immediately and laundered before reuse. Avoid breathing mists. Inhalation may cause severe respiratory irritation, marked by coughing and labored breathing. If these symptoms occur, seek fresh air and medical attention. Long-term overexposure without protective equipment may cause ulceration of the skin and nasal passages and dermatitis. CAUTION: May contain chemicals that may be absorbed through the skin in potentially dangerous levels that may affect inner organs. May contain Chromic Acid - found to cause cancer. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical splashproof goggles or face shield, protective gloves and boots, full-body chemical-resistant clothing, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

WARNING

Corrosion preventive compound, Item 109, Item 110, Item 111, and Item 112, is combustible. Keep it away from heat, sparks, and open flames. Do not smoke when using it. Use in a well-ventilated area. Direct contact may severely irritate the eyes. Prolonged or repeated contact may irritate the skin. If splashed on clothing or in eyes, remove clothing immediately and flush skin/eyes with clear water for 15 minutes. Breathing vapor may cause headache, dizziness, nausea, and respiratory irritation. If vapors cause light-headedness, go to fresh air. If liquid is swallowed, do not induce vomiting, aspiration may damage the lungs. Get prompt medical attention. Keep away from spillage. Use absorbent to soak up spilled solution. Dispose of absorbent in accordance with local, state, and federal regulations. Keep solution away from oxygen and strong oxidants. Store in approved metal safety container. Keep containers closed when not in use. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical splashproof goggles or face shield, rubber, neoprene, or nitrile gloves, protective neoprene apron.

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1149

WARNING

Corrosion preventive compound, Item 113, may irritate the eyes. Avoid contact with corrosion preventive compound. Prolonged or repeated contact may irritate the skin. Long-term use without proper hand protection may cause dermatitis. May be absorbed through the skin in levels that could affect certain "target" organs. If splashed on clothing or eyes, remove clothing immediately and flush the eyes and skin with water for 15 minutes. Avoid breathing vapor. Keep containers closed when not in use; use in a well-ventilated area. Inhalation may cause headache, dizziness, nausea, and respiratory irritation; acute overexposures may cause heart irregularities. If these symptoms occur, seek fresh air and possible medical attention. If swallowed, do not try to vomit; chemical may enter the lungs, causing damage; seek immediate medical attention. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical splashproof goggles, approved gloves, full-body protective clothing, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

WARNING

Corrosion preventive compound, Item 114 and Item 115, is combustible. Keep it away from heat, sparks, and open flames. Do not smoke when using it. Use in a well-ventilated area. Inhalation of vapors is harmful. If splashed on clothing or in eyes, remove clothing immediately and flush skin/eyes with clear water for 15 minutes. If vapors cause light-headedness, move to fresh air. If liquid is swallowed, do not induce vomiting. Get prompt medical attention. Use absorbent to soak up spilled solution. Dispose of absorbent in accordance with local, state, and federal regulations. Keep solution away from oxygen and strong oxidants. Store in approved metal safety container. Keep containers closed when not in use. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical splashproof goggles or face shield, oil-impervious gloves, protective apron.

WARNING

Corrosion preventive compound, Item 115A, may irritate the eyes; flush immediately with large amounts of water. Prolonged or repeated contact may cause mild skin irritation; wash contacted area with soap and water. Remove and launder contaminated clothing. Breathing vapors, generated at high temperature, or mists may cause headache, dizziness, and respiratory irritation. If swallowed, do not try to vomit; fluid may be aspirated into lungs, causing damage. Get immediate medical attention. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: chemical splashproof goggles, approved gloves, long sleeves/pant legs, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

This document contains export-controlled information. See WARNING on first page.

4º Batalhão de Aviação do Exército
1250

WARNING

Corrosion compound, Item 116, is corrosive. It may burn exposed body tissues on contact. Avoid contact with skin and eyes; do not breathe mists. May contain chemicals that may be absorbed through the skin in dangerous amounts that can affect inner organ systems. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: goggles or face shield, approved gloves, protective clothing as required. Wash hands thoroughly after handling.

WARNING

Corrosion resistant coating, Item 117, Item 118, and Item 118A, is a strong oxidizing agent that may ignite combustible material such as sawdust, rags, and paper or organic substances. Keep container closed; keep sparks, flames, and heat away. Keep alodine off skin, eyes, and clothes. May severely burn the eyes and skin on contact. Do not breathe vapors. Breathing dusts or mists may irritate the respiratory tract. Long-term overexposure by breathing mists or absorption through the skin may cause cancer, kidney and liver damage, and ulceration of the nasal septum. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: goggles or face shield, neoprene or polyvinyl gloves, apron, NIOSH/MSHA-approved respirator, if vapors exceed established exposure limits.

WARNING

Damping fluid, Item 121, may mildly irritate the eyes and skin. Minimize contact with damping fluid. In case of eye contact, flush eyes immediately with water. Should prolonged contact with the skin occur, wipe off excess product and flush the skin with water. Remove and launder saturated clothing. Wash hands at shift end and prior to eating, drinking, or smoking. CAUTION: Traces of formaldehyde found to cause cancer and other hazardous decomposition products may be generated at high temperatures. Such high temperature operations may require the use of increased ventilation and/or use of a NIOSH/MSHA-approved respirator. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: safety glasses, approved gloves.

WARNING

Dry-cleaning solvent, Item 124, is combustible and toxic to eyes, skin, and respiratory tract. Avoid repeated or prolonged contact. Use only in well-ventilated areas. Keep away from open flames or other sources of ignition. Refer to the product Material Safety Data Sheet (MSDS) for specific component and associated health hazard information. Protection: goggles or face shield, protective gloves, good ventilation or use approved respirator as determined by local safety/industrial hygiene personnel.

This document contains export-controlled information. See WARNING on first page.