



AN/PVS-22 UNIVERSAL NIGHT SIGHT AN/PVS-22 A1
UNIVERSAL NIGHT SIGHT (A1)





CAGE Code: 1S002 DUNS No. 05-403-8138 TIN: 59-1230657 phone (321) 607-9900 fax (321) 268-1498 701 Columbia Blvd. Titusville, FL 32780 www.KnightArmCo.com

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SAFETY SUMMARY

GENERAL SAFETY INSTRUCTIONS

This manual describes processes that may cause injury or death to personnel, or damage to equipment if not properly followed. This safety summary includes general safety precautions and instructions that must be understood and applied during operation and maintenance to ensure personnel safety and protection of equipment. Prior to performing any task, the WARNINGS, CAUTIONS, and NOTES included in that task shall be reviewed and understood.

WARNINGS, CAUTIONS, AND NOTES

WARNINGS and CAUTIONS are used in this manual to highlight operating or maintenance procedures, practices, conditions or statements that are considered essential to protection of personnel (WARNING) or equipment (CAUTION). WARNINGS and CAUTIONS immediately precede the step or procedure to which they apply. NOTES are used in this manual to highlight operating or maintenance procedures, practices, conditions or statements that are not essential to protection of personnel or equipment. NOTES may precede or follow the step or procedures depending upon the information to be highlighted. The headings used and their definitions are as follows: Warning, Caution, and Note.



WARNING



Highlights an essential operating or maintenance procedure, practice, condition, statement, etc., which, if not strictly observed, could result in injury to or death of personnel or long-term health hazards.



CAUTION



Highlights an essential operating or maintenance procedure, practice, condition, statement, etc., which, if not strictly observed, could result in damage to, or destruction of equipment or loss of mission effectiveness.



NOTE



Highlights an essential operating or maintenance procedure, condition or statement.

GENERAL SAFETY PRECAUTIONS

The following safety precautions of a general nature shall be observed while operating the equipment or performing the procedures in this manual.



WARNING



All batteries should be inspected for bulging prior to use. If a battery shows signs of bulging, corrosion or leakage, do not use. Batteries should be handled in the following manner.

- · Do not dispose of in fire.
- · Do not short circuit, puncture, or disassemble.
- Return for disposal in accordance with proper disposal instructions.

Export of this product is restricted by ITAR.

Shipments outside the U.S. requires an approved export license by the U.S. Department of State.



WARNING



To avoid physical injury and equipment damage when using the UNS-A3 during operations, carefully read and understand the following precautions:

- The equipment requires some night light (moonlight, starlight, sky glow, etc.) to operate.
 The level of performance depends upon the level of light.
- Night light is reduced by passing cloud cover or while operating under trees, in building shadows, etc.
- The equipment is less effective when viewing into shadows and other darkened areas.
- The equipment has degraded function through rain, fog, sleet, snow or smoke.



CAUTION



The UNS-A3 is a precision electro-optical instrument and must be handled with care at all times. Read and understand this entire manual before attempting to turn on or operate.

Do not remove the front lens cover in bright light. Exposure of the image intensifier tube in the UNS-A3 to bright light for long durations may cause damage.

Do not store the UNS-A3 with the batteries installed. Damage can occur from corroded, leaking or improperly stored batteries.

Using the UNS-A3 under high light conditions can damage the Image Intensifier Assembly, which permanently lowers performance.

Do not point the UNS-A3 at bright lights without the lens cover in place. Remove the lens cover when preparing to use. The unit cannot be used with the lens cover on the objective lens or eyepiece.

Rinse optical surfaces with clean water to remove dirt before wiping with lens tissue. Wiping extremely dirty or sandy optical surfaces could scratch the optical surfaces and permanently damage the lenses.

NOTE:

If the base cannot pivot down onto the rail, the base is adjusted too tight! If the base is loose on the rail when the lever is fully closed, the base is adjusted too loose! The factory throw lever mount adjustment will fit most rails. The set screw should be locked tight against the mounting screw to maintain a proper base adjustment during live fire. (See section 3.4 for mounting and adjusting the base).



CAUTION



The design of the Objective and Eyepiece of this sight are not intended to allow the user to turn either part of the device. Only the Focus Knob is intended to be turned by hand to focus the scope.

1. INTRODUCTION

1.1 General

This manual provides descriptive information, operating instructions and maintenance procedures for the AN/PVS-22 as well as the one-battery configuration, the AN/PVS 22 A1. The high performance uni- power (1X) night vision device allows night operation of any weapon system equipped with a MIL-STD- 1913 rail. Mounting options are available for weapons that are not equipped with a MIL-STD 1913 rail in front on the day optic which will provide adequate space for mounting the AN/PVS 22 . Any weapon equipped with a Knight's Armament Company Rail Adapter System (RAS) will accommodate the AN/PVS 22 .

The AN/PVS-22 primary use is intended to be in conjunction with day optics mounted to weapons as the primary sighting system. The AN/PVS-22 can be mounted forward of the day optic without any adverse effect on the weapon's Point of Aim or Point of Impact. Verify after adjustments of Extended Base and prior to mission.

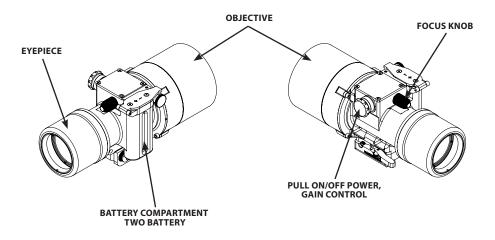
The AN/PVS-22 does not require any zeroing procedure when installed in front of a day optic. However, the following steps should be taken to ensure optimum picture quality. The controls on the AN/PVS-22 are focus and gain. The day optic, if equipped with a parallax or focus adjustment, should be adjusted to 300 Meter parallax setting. This allows the day optic to be focused clearly on the back of the image intensifier tube. The focus on the AN/PVS-22 will then be used to adjust the focus of the sight picture. The AN/PVS 22 A1 has all of the features and functions as the AN/PVS 22 with the added benefit of being powered by one AA battery or one CL123 battery.

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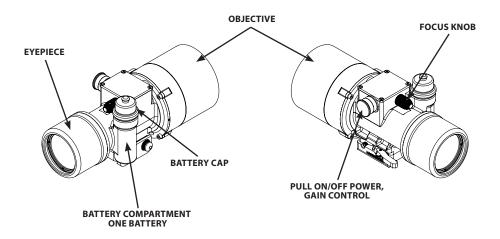
1.2 AN/PVS 22 SYSTEM DESCRIPTION

SIZE	APPROXIMATELY 3.2 INCHES O.D. AND 7.3 INCHES IN LENGTH
WEIGHT	1.75 LBS WITH TWO AA BATTERIES AND LENS COVER
MAGNIFICATION	UNITY
FINISH	MATTE FINISH, CORROSION RESISTANT, BLACK
CONTROLS	PULL ON/OFF AND GAIN CONTROL SWITCH, FOCUS KNOB
POWER	TWO (2) AA SIZE BATTERIES (AN/PVS 22), ONE AA SIZE BATTERY OR ONE DL123 BATTERY (AN/PVS 22 A1)
MOUNT	QUICK ATTACH/DETACH AND FITS THE MIL-STD-1913 RAIL CONFIGURATION
IMAGE INTENSIFIER TUBE	ITT EXELIS GEN 3 (GATED TUBE) MANUFACTURED IN A AN/AVS-6 TUBE HOUSING
EFFECTIVE FOCAL LENGTH (OBJ)	≥ 68 MM
OBJECTIVE FOCUS CONTINUITY	CONTINUALLY ADJUSTABLE FROM APPROXIMATELY 10 METERS TO INFINITY VIA MANUAL CONTROL
BORE SIGHT	FACTORY BORE SIGHT TO WITHIN .5 MOA OF ALIGNMENT TO DAY SCOPE POINT OF IMPACT
BORE SIGHT RETENTION	MAINTAINED WITHIN .5 MOA OVER A 300 ROUND, 300 WIN MAG FIRING SCHEDULE
DISPLAY BRIGHTNESS	VARIABLE DISPLAY BRIGHTNESS ALLOWS VIEWING FROM 105 LUX (BRIGHT SUNSHINE) TO 10-4 LUX (TOTAL DARKNESS) WITHOUT INHIBITING USER'S DARK-ADAPTED VISION.

AN/PVS 22 SYSTEM



AN/PVS 22 A1 SYSTEM



1.3 CAPABILITIES

THE AN/PVS-22 PROVIDES HIGH PERFORMANCE NIGHT AUGMENTATION TO WEAPONS SYSTEMS WITH EXISTING DAY SCOPES. IT CAN ALSO BE USED ON CREW SERVED WEAPONS AS A PRIMARY UNI-POWER (1X) NIGHT VISION DEVICE.

1.4 PERFORMANCE CHARACTERISTICS

SYSTEM RESOLUTION	3.1 CY/MR AT OPTIMUM LIGHT LEVELS USING 100% CONTRAST USAF RESOLUTION
FOCUS RANGE	20M TO INFINITY ADJUSTMENT RANGE
MAGNIFICATION	UNITY
IMAGE INTENSIFIER TUBE	ITT EXELIS GEN 3 PINNACLE (GATED TUBE / EXPORTABLE MODEL AVAILABLE)
GAIN CONTROL	ON/OFF AND GAIN CONTROL IN A SINGLE KNOB
OBJECTIVE LENS	68MM CATADIOPTIC F/1.15
EXIT PUPIL	40 MM COLLIMATED
BORE SIGHT DEVIATION	≤ .5 MOA
BORE SIGHT REPEATABILITY	≤ .5 MOA THROUGH FOCUS RANGE
ENVIRONMENTAL	MIL-STD-810G USED AS GUIDELINE, TEMPERATURE RANGES, SALTWATER RESISTANCE, IMMERSION TO 66 FEET PRESSURE FOR 2 HOURS

PERFORMANCE CHARACTERISTICS (CONT.)

FINISH	MATTE BLACK, CORROSION / SALTWATER RESISTANT
DIMENSIONS	7.3 L X 3.2 H
MOUNTING OPTIONS	BASKET MOUNT PART NO. 99414 FOR THE KAC TRIMOUNT, PART NO. 97360 FOR THE BOLT GUN MOUNT, OR PART NO. 21358 FOR REMINGTON BOLT RIFLES

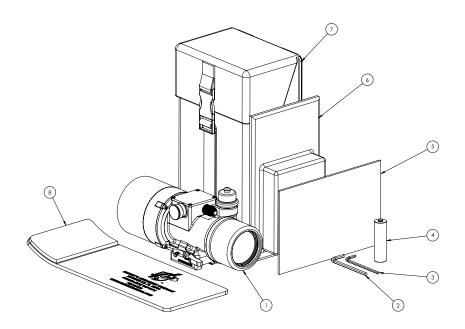
1.5 ITEMS FURNISHED AN/PVS 22

ITEM	PART NO.	DESCRIPTION	QTY
1	SEE TABLE	AN/PVS-22	1
2	23226	1/8" HEX KEY WRENCH	1
3	23229	3/32" HEX KEY WRENCH	1
4	20299	AA BATTERIES	1
5	NVD-UM-0008	UNS OPERATOR & MAINTENANCE MANUAL	1
6	26572	LENS CLEANING KIT	1
7	21387	SOFT CARRY CASE	1
8	26188	SHROUD WRAP/COUPLER	1

26999	AN/PVS 22 SIGHT
26999E	AN/PVS 22 SIGHT, EXPORTABLE
26999E3	AN/PVS 22 SIGHT, EXPORTABLE

27161	AN/PVS 22 A1 SIGHT
27161E	AN/PVS 22 A1 SIGHT, EXPORTABLE
27161E3	AN/PVS 22 A1 SIGHT, EXPORTABLE

^{*1} Battery is supplied with the AN/PVS 22 A1



1.6 Equipment Required But Not Supplied

The AN/PVS 22 is equipped to fit on any weapon with a MIL-STD-1913 rail forward of the day optic. In some cases, additional mounting rails must be fitted to the weapon to allow AN/PVS 22 optics mounting.

1.7 Shipping, Handling and Storage

The AN/PVS 22 is a precision electro-optical device and must be handled with care at all times. The AN/PVS 22 should normally be transported and stored in the soft pouch carry case that is provided in the kit or can be purchased separately.



CAUTION



Do not store or ship the AN/PVS 22 with the batteries installed. Damage can occur from corroded or improperly stored batteries.

1.8 Warranty

LIMITED COMMERCIAL WARRANTY

Knight's Armament Company (KAC) warranties the part number 26999 AN/PVS-22 "KnightscopeTM" against defects due to substandard parts or workmanship for a period of 12 months from date of acceptance (or as stated in Contract). Failed units must be returned to KAC for warranty repairs. If KAC determines, after incoming inspection, that the unit has failed due to misuse or abuse, warranty provisions will not apply. At the customer's request KAC will generate and provide a repair estimate. KAC is not liable for any and all direct or consequential damages that may arise from the misuse or misapplication of this product.

In the case of International sales, the customer should pay to return the item to Knight's Armament Co. KAC will pay the return freight costs if the unit is deemed to be covered under warranty.

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2. HANDLING INSTRUCTIONS

The AN/PVS 22 is a precision optical instrument and must be handled with care. It is designed to handle extreme weapon shock through the mounting rails only. Dropping the unit will expose it to shock loads in an axis not intended, and can result in damage to the unit. Dropping the unit on hard surfaces can also result in damage to lens, protective coatings and controls.

Avoid touching the optical surface. The oils from human fingerprints can cause a long-term damaging effect to the lens and their coatings.

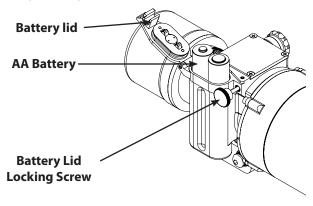
Although the unit is designed to sustain its seal in 66 feet of seawater, it is suggested that submerging the unit in more than 3 feet of water for long periods of time be avoided.

Do not attempt to make any adjustments other than those described in this manual. Adjustment of the mounting base to accommodate mounting rails is explained. The unit is sealed at the factory. No attempt should be made to tamper with internal components.

3. PERPARATION FOR USE AND INSTALLATION

3.1 Battery Replacement AN/PVS 22

- 1. Turn Locking screw counter-clockwise to loosen.
- 2. Open Battery lid and remove/replace batteries with orientation indicated on the Battery lid. 3. Close the Battery lid and fully secure by tightening the Locking screw.

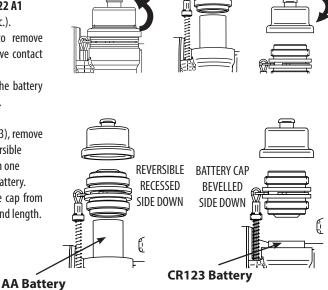


3.2 Battery Replacement AN/PVS 22 A1

- 1. Clear away any debris (dirt, sand, etc.).
- 2. Unscrew cap counterclockwise to remove battery cap. 3. Replace battery positive contact down. Use

extreme care to keep debris out of the battery compartment and battery cap threads.

- 4. Screw cap clockwise back on.
- 5. To switch battery types (AA or DL 123), remove the rubber cap cover and turn the reversible battery cap over. The cap is recessed on one side to allow space for the longer AA battery.
- 6. The attached lanyard will keep the cap from getting lost. Pull up on lanyard to extend length.





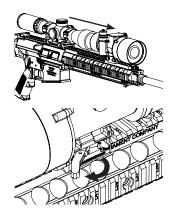
NOTE



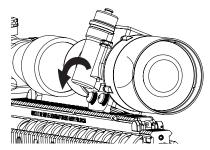
The sight should fit all MIL-STD-1913 rails that are within the manufacturing tolerances when the base is adjusted properly.

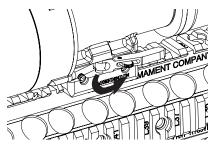
- 1. Orient the AN/PVS 22 in front of the scope (if in use) so that the objective lens points towards the muzzle of the weapon.
- 2. Locate the extended lever on the left side of the AN/PVS 22 Extended Base assembly and the secondary latch that protrudes through it.
- 3. To release (open) the Extended lever, pull the secondary latch back with your thumb and push the extended lever forward.
- 4. Locate an installation position where the objective clears any close object, including the rail, Ensure

the flat edge of the rubber lens cover is on the bottom of the sight's Objective. The eyepiece end of the sight should be near the day scope without the possibility of contacting



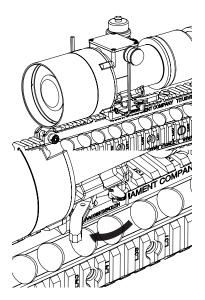
- 5. Place the AN/PVS 22 onto the rail and note the location on the rail for easy re-installation after adjustment.
- 6. To attach the AN/PVS 22 securely to the rail, rotate the extended lever completely to the rear of the sight. The installation is complete when the extended lever is closed tightly and has securely engaged the secondary latch. Adjustment may be required.
- 7. Verify the AN/PVS-22 is securely mounted onto the rail. If the fit of the base to the rail is loose or too tight, adjust the base as necessary. See adjust base steps starting on the next page.



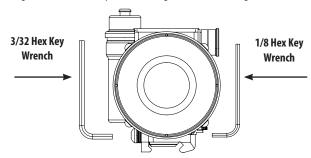


3.4 Adjusting Mounting Base

- 1. For proper base adjustment, loosen both of the two set screws at least two complete turns counterclockwise using the 3/32 hex key wrench.
- 2. Position the extended lever in the locked (to the rear of the sight) position.
- 3. Using the 1/8 hex key wrench, loosen or tighten the mounting screws as needed.
- 4. You should now be able to place the sight on the rail.
- 5. Using the long end of the 1/8 hex key wrench, tighten (until movement stops, but not to exceed 10 inch-pounds) the two mounting screws clockwise using the same amount of pressure on each one. This will ensure the clamp is seated evenly along the rail. 6. Back off (counterclockwise) each mounting screw slightly, but less than 1/4 turn.



- 7. Hold the 1/8 hex key wrench in the mounting screw. This will keep the mounting screw from moving.
- 8. While holding the 1/8 hex key wrench in the mounting screw, use the 3/32 hex key wrench and screw the set screw clockwise very tight into the mounting screw to prevent movement.



9. When properly adjusted, the AN/PVS-22 can be removed and/or installed by only operating the extended lever and secondary latch. Repeat the Adjust Base Steps as necessary to achieve a secure and tight fit on the Picatinny rail. Test fire to check for adjustment and point-of-impact shift.



NOTE



The set screw should be locked tight against the mounting screw to maintain a proper base adjustment during live fire

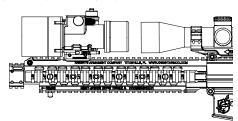


CAUTION



Possible lens breakage and failure of mission can occur if the AN/PVS 22 objective (front) lens makes contact with the flip-up sight during firing or if the eyepiece impacts the day scope.

- Position of the objective Rubber Lens Cover so the flat edge is on the bottom if the AN/PVS 22 is positioned above a rail.
- Properly align sight in relation to the flip-up sight on the weapon.
- Do not mount the sight in a position that makes it contact with a flip-up sight or any object.

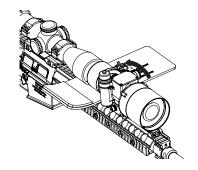


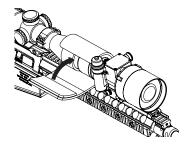
3.5 Shroud Wrap Coupler

The shroud wrap coupler (Shroud, Wrap, BLK) is a neoprene wrap that wraps tightly on the rear lens of the AN/PVS 22 and the objective lens of the day scope.

The shroud wrap coupler fills the gap between the optical scopes and eliminates the stray light which reflects onto or out from the system when the AN/PVS 22 is powered on.

- 1. Lay the Shroud wrap coupler open under the gap (between the day scope and the AN/PVS 22).
- 2. With the logo facing up, wrap the non-Velcro® side around first.
- 3. Wrap the Velcro® end around tightly for a snug closure.





4. PRINCIPLES OF OPERATION

4.1 General

The AN/PVS-22 is constructed of a system of lenses combined with an image intensifier tube. This produces a light intensified image of the viewed scene. This chapter describes the optical and electrical principles of operation, which allow the AN/PVS-22 to perform this function.

4.2 Optical Principle of Operation

The AN/PVS-22 is a single channel electro-optical device providing a system magnification of 1X. The sight is comprised of three basic components: the objective lens assembly, the image intensifier tube, and the eyepiece lens assembly. The objective lens assembly collects available light from the

scene being viewed and focuses it onto the front surface of the image intensifier tube. The image tube amplifies the light; it is then viewed by the eyepiece assembly. The interior of the sight is sealed in

a nitrogen atmosphere to keep moisture out and prevent condensation on the lenses and the image tube assembly.



CAUTION



Do not remove the front lens cover in bright light. Exposure of the image intensifier tube in the AN/PVS- 22 to bright light for long durations may cause permanent damage.

4.3 Electrical Principle of Operation

The entire is powered by one AA or one CR123A battery. If the display starts to blink, then change the battery. One switch controls the on/off function as well as the variable gain setting.



WARNING



Do not store batteries in the sight for more than 24 hours. All batteries should be inspected for bulging, corrosion and leakage before use. Do not use if a battery shows signs of bulging, corrosion or leaking.

Batteries should be handled in the following manner. • Do not dispose of in fire.

- Do not short circuit, puncture, or disassemble.
- Return for disposal in accordance with proper disposal instructions.



CAUTION



Do not point the AN/PVS-22 at bright lights without the lens cover in place. Remove the lens cover when preparing to use. The unit cannot be used with the lens cover on the objective lens.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

To operate the AN/PVS-22, simply turn the unit on by pulling out and rotating the Gain/Power Switch clockwise toward the butt stock.

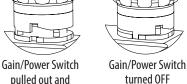
When the AN/PVS-22 is initially turned on, it is at the brightest gain. Turning the knob further clock-wise makes the image darker.

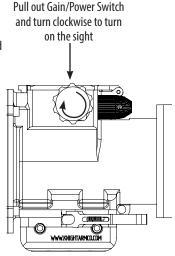
To make the image brighter, turn the knob counterclockwise. Utilize the gain switch to obtain the maximum contrast, which is very instrumental in the target acquisition phase of deploying the AN/PVS-22.

To shut down the system, turn the Gain/Power Switch counterclockwise to the stop. A tactile click can be felt when turning the system on

turned ON

or off.





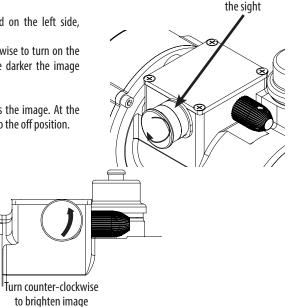
5.2 Manual Controls

5.2.1 Gain/Power Switch

The pull on-off Gain/Power Switch is located on the left side, middle of the AN/PVS-22 .

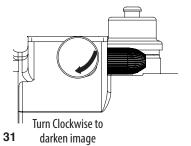
Pull out the switch then turn the switch clockwise to turn on the unit. The further it is turned clock- wise, the darker the image appears.

Turning the switch counterclockwise brightens the image. At the end of the rotation you can feel it click back into the off position.



Pull out Gain/Power Switch

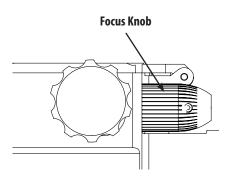
and turn clockwise to turn on



5.2.2 Focus Control

The Focus can be adjusted on the AN/PVS 22 and AN/PVS 22 A1 as follows:

- 1. The Focus Knob is located above and slightly forward of the rear (Eyepiece) lens.
- 2. Rotate Focus knob to focus, The focus can be adjusted to allow viewing of objects at distances from 10 meters to infinity.
- 3. Counter-clockwise movement of the Focus Knob will result in Infinity focus, while clockwise rotation will result in near focus.
- 4. Friction in the Focus Knob prevents movement.



5.3 Operation Under Adverse Conditions

The following paragraphs describe the operation of the AN/PVS 22 in dusty, sandy, humid, and saltwater conditions.

5.3.1 Operation in Dusty or Sandy Conditions

Operating the AN/PVS 22 in these conditions can cause scratching and pitting of optical elements. If a mission requires the AN/PVS 22 be used in these conditions, the unit should be cleaned per the manual as soon as the conditions subside.

5.3.2 Operation in Rainy or Humid Conditions

Operating the AN/PVS 22 in these conditions can lead to corrosion and deterioration of performance. If a mission requires the AN/PVS 22 to be used in these conditions, the unit should be dried thoroughly before storage, and the unit should not be stored wet or in a wet soft carrying case (pouch).

5.3.3 Operation in Saltwater Areas

If the AN/PVS 22 is exposed to salt water, the unit should be rinsed in fresh water as soon as possible.

6. MAINTENANCE AND SERVICE INSTRUCTIONS

6.1 Cleaning and Lubricating Instructions

These cleaning processes should be followed after every use to ensure the unit is cleaned and lubricated before storage.

6.1.1 Non-Optical Surfaces

These areas can be cleaned with water and a mild detergent as needed.

6.1.2 Optical Surfaces

The Optical surfaces should be cleaned when visibly dirty.



CAUTION



Rinse optical surfaces with clean water to remove dirt before wiping with lens tissue. Wiping extremely dirty or sandy optical surfaces could scratch the optical surfaces and permanently damage the lenses. Ensure surface is wiped clean of water with lens tissue to avoid water beading.

6.1.3 Lubrication

Moving parts of the throw lever mount can be lubricated using Break-Free® CLP or another similar oil.

6.2 Troubleshooting

If the sight fails to function after the unit has been installed properly on the rail, the following actions should be taken to correct the problem:

UNIT WILL NOT TURN ON OR NO IMAGE DISPLAYED

A. Ensure the front lens (Objective) cover is removed from the lens but remains tethered to the UNS.

B. Replace batteries.

C. Verify that all batteries are installed in the proper orientation (- Negative up).

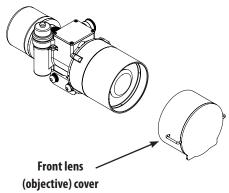
D. Check the unit for obvious damage.

UNFOCUSED IMAGE

A. Adjust focus.

GRAINY IMAGE

A. Check lenses for foreign debris, clean lenses.



6.3 Preparation for Shipment

The unit should be packed in the soft carrying case (pouch) with batteries removed, and then securely packaged in a cardboard box with packing material. The box should be marked "FRAGILE" before shipping.

6.4 Storage

If this unit will be stored and not operated for longer than 24 hours, all batteries should be removed to minimize the possibility of damage from defective or corroded batteries.

The sight ships with a soft case. It is recommended that this case be used to store the sight to prevent damage to the unit. If the AN/PVS 22 is stored longer than one month, all batteries should be removed from the AN/PVS 22 and the soft pack to prevent the possibility of damage from defective or corroded batteries.

7. SPARE PARTS LIST

PART NUMBER	PART
21387	SOFT CARRY CASE
26613	ANTI-REFLECTION DEVICE (ARD)
26256	OBJECTIVE LENS COVER
23226	1/8" HEX KEY WRENCH
23229	3/32" HEX KEY WRENCH
26188	SHROUD WRAP, BLACK
22380	TISSUE PACK
NVD-UM-0008	TECHNICAL MANUAL. AN/PVS 22 & AN/PVS 22 A1
27270	AN/PVS 22 SINGLE THROW LEVER BASE
27337	BATTERY CAP ASSY W/LANYARD (AN/PVS 22 A1 ONLY)
27000	RUBBER BATTERY CAP (AN/PVS 22 A1 ONLY)

SPARE PARTS LIST (CONT.)

PART NUMBER	PART
26558	BATTERY CAP O-RING (AN/PVS 22 A1 ONLY)
26212	BATTERY DOOR ASSY (AN/PVS 22 ONLY)
26028	BATTERY DOOR O-RING (AN/PVS 22 ONLY)
26010	HINGE PIN, BATTERY DOOR (AN/PVS 22 ONLY)

8. ACRONYMS

ACRONYM	DEFINITION
AN/PVS 22	ARMY/NAVY PASSIVE VISION SIGHT 22
AN/PVS 22 A1	ARMY/NAVY PASSIVE VISION SIGHT 22 A1 BATTERY
KAC	KNIGHTS ARMAMENT COMPANY
MIL-STD	MILITARY STANDARD
RAS	RAIL ADAPTOR SYSTEM

NOTES

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RESTRICTED EXPORT. The item(s) are firearm or defense related goods governed by U.S. Government International Traffic in Arms Regulations 22 CFR, ITAR Parts 120-130 and therefore require an Export License issued by the U.S.

Department of State to be subsequently transported outside of the United States. These items may not be transferred, transhipped on a non-continuous voyage, or otherwise be disposed of in any other country, either in their original form or after being incorporated into other end items. The International Traffic in Arms Regulations (ITAR) is a set of United States government regulations that control the export of defense-related articles and services on the United States Munitions List. These regulations implement the provisions of the Arms Export Control Act, and are described in Title 22 (Foreign Relations), Chapter (Department of State), Sub chapter M of the Code of Federal Regulations.