

FSUE PA "NOVOSIBIRSK INSTRUMENT-MAKING PLANT"



HUNTING SIGHT
PU 3,5x22
Instruction manual

Because of continuous modernization of sights, their construction may have some corrections, not indicated in the given manual.

1 PURPOSE

Hunting sight PU 3,5x22 (further in the text – sight) is intended for mounting on different types of sporting and hunting weapon. Sight may have a diameter of a slot of 25,4 (1”) or 26,5 mm.

The sight has two handwheel with scales for making necessary corrections in vertical and horizontal planes when zeroing in and firing.

The sight can be used under the ambient temperature from -40 to + 40 °C and relevant humidity not more than 93% at the temperature 25 °C.

2 SPECIFICATIONS

Magnification	<i>x</i>	3,5
Field of view	<i>deg</i>	4,5°
Exit pupil	<i>mm</i>	6
Eye relief	<i>mm</i>	72
Diopter adjustment	<i>d</i>	From -0,5 to -1
Mount diameter	<i>mm</i>	25,4 (1") or 26,5
Value of an upper handwheel point:		
<i>deg</i>		6,2
<i>cm/100m</i>		7
Value of a side handwheel point:		
<i>deg</i>		8,85
<i>cm/100m</i>		10
Overall dimensions	<i>mm</i>	170x42x42
Weight, maximum	<i>kg</i>	0,4

3 INVENTORY LIST

Sight	1
Case	1
Cleaning paper	1
Bag	1
Manual	1

4 MOUNTING AND ADJUSTMENT ON THE WEAPON

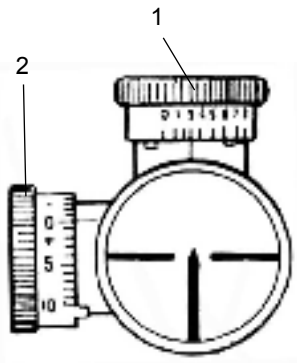
The sight is fastened on a weapon with a mounting. The sight must be fastened tight on the weapon slot. The adjustment of sight on the weapon is carried out after zeroing in with opened sight (front sight and rear sight).

To implement this operation the following is necessary:

- put the sight into the mounting, move out the reticle slope perpendicularly;
- fasten the sight tight in the mounting, at the same time the sight must not turn around in the mounting;
- place the upper handwheel in the position "1", the side handwheel in the position "0";
- point a gun by opened sight on the target, distanced on 100m from the muzzle;
- looking through the sight eye-glass, note the position of aiming sight;
- if the aiming sight coincides with the aiming point of the opened sight, the sight is adjusted;



Overview of the sight



1 – upper handwheel; 2 – side handwheel

Field of view

- otherwise, unscrew the screws on 1-2 turns on the upper and side handwheels, then coincide the reticle aiming point with the aiming point of opened sight by rotating of handwheels (hold scales in the initial position);
 - carefully fasten the handwheel screws to the full and check the coincidence of the reticle aiming point with the point of the opened sight again.
- Repeat the adjustment if necessary.

5 OPERATION

When firing, the adjustment of the upper handwheel of the sight (depending on the range and weapon type) must be defined experimentally.

6 MAINTENANCE AND STORAGE

Prevent the sight against impacts.

Wipe the outer optical elements with clean soft fabric, remove oil spots with cotton wool wetted with alcohol.

Protect the optical details from scratches when storing and exploiting.

7 SAFETY MEASURES

It is necessary to look after the reliability of the sight mounting on the weapon.

8 WARRANTY

The manufacturer guarantees that a sight complies with the requirements of Technical Specifications if the user follows the rules of maintenance and storage, indicated in the manual.

The guarantee period is 24 months from the date of selling. If there is no stamp of the seller organization, the guarantee period counts from the date of the sight manufacturing.

The warranty repair is carried out on the following address: 630049, Novosibirsk, D. Kovalchuk, 179/2,

Russia

FSUE PA "Novosibirsk Instrument-making Plant". Tel. (383) 226-29-08

9 ACCEPTANCE CERTIFICATE

Hunting sight PU 3,5x22 with serial number _____ meets the specifications and

Date of manufacture _____

Signature _____

Stamp

Manufacturer:

630049, Novosibirsk

D. Kovalchuk, 179/2,

Russia

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