

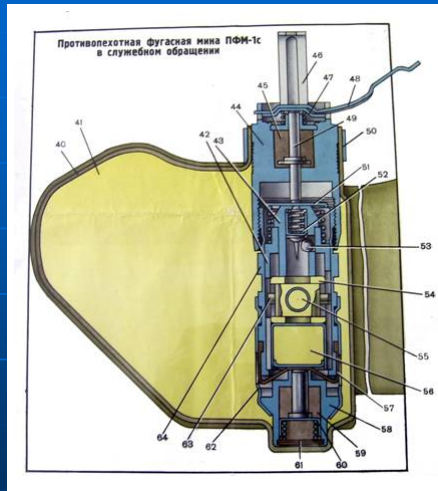
PFM-1 Mine Destruction Technology

NAIROBI ACTION PLAN 2005 – 2009

II. Destroying Stockpiled Anti-personnel mines

Action # 14: State Parties support the investigation and further development of technical solutions to overcome the particular challenges associated with destroying PFM mines.

The mine PFM-1



3 371 984
mines



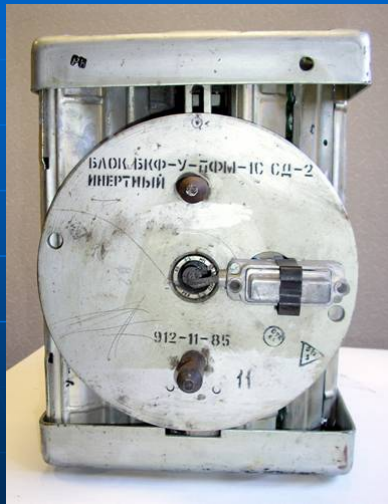
Types of PFM munitions

- *Cassettes KSF-1*
- *Blocks BKF*
- *Missiles 9M27K3*

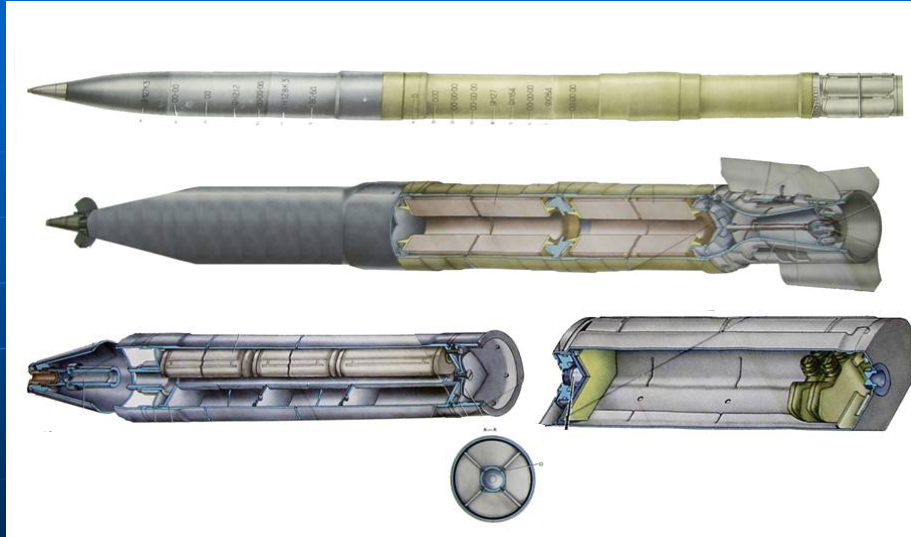
Cassette KSF-1



The block BKF



Reactive missile

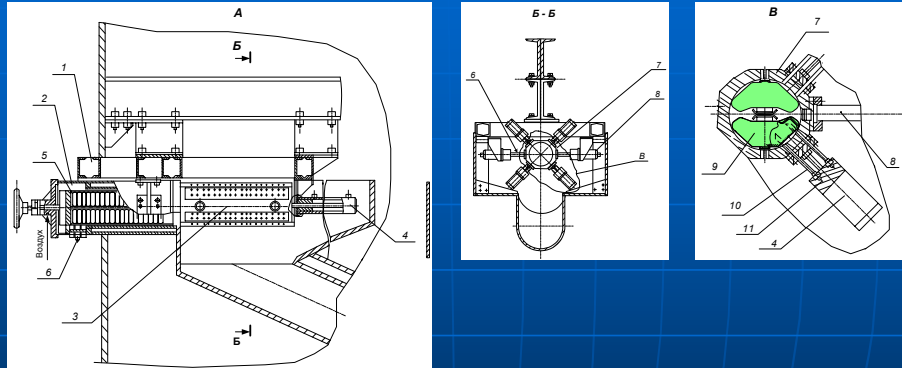


The unit «SPIDER»



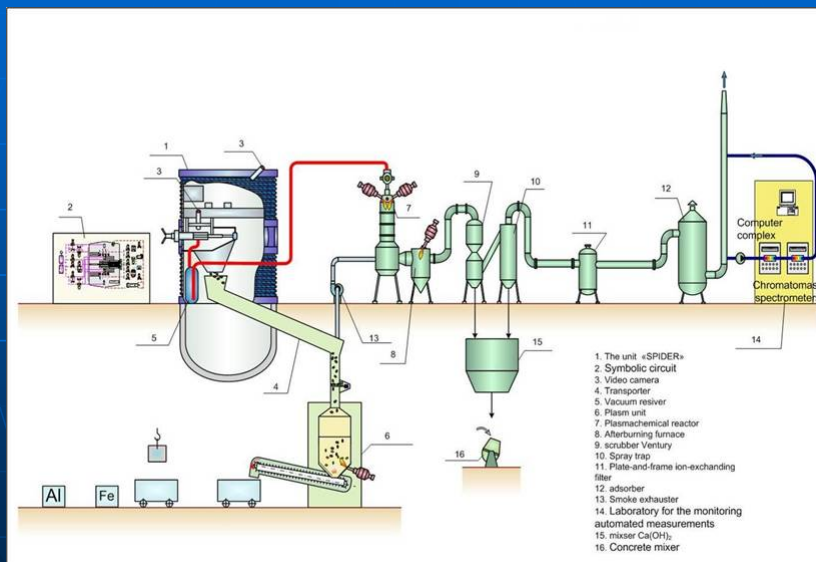
The unit «SPIDER»

“Spider” device for the removal of the fluid explosive from PFM mines



- | | |
|-------------------------------------|------------------------|
| 1. Hanger | 7. Cylinder |
| 2. Barrel with lock | 8. Hydraulic actuator |
| 3. Fixing device | 9. Mine |
| 4. Hydraulic actuator stabilization | 10. Drawn needle |
| 5. Cassette | 11. Acicular collector |
| 6. Device for alignment of cassette | |

The structural scheme of the “Spider” unit



Experimental plasmatrone unit



Fragment of the film



Discharged PFM-1 mines



Discharged PFM-1 canisters



- Destruction capacity of two «SPIDER» units is 920 mines per hour or 13 480 mines a day.
- Destruction of Belarusian stockpiles of PFM-1 mines with this technology will take 250 working days.

Thank you for your attention

Mr. Valery Kolesnik
Counsellor, MFA Belarus

