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

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

The structural scheme of the “Spider” unit
Experimental plasmatrone unit

Plasmatrone facility

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

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