



Preventing MANPADS Proliferation

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Overview

- Nature of the Problem
- Means of Effective Control
- Conclusion



MANPADS Characteristics



Man-portable air defense systems (MANPADS) are shoulder-fired or crew-served missiles designed for short-range air defense

- **4-7 kilometers horizontal range, surface to 4,000 meters altitude**
- **Typically comprised of missile tube, gripstock launcher, and battery unit**
- **Include Russian-designed SA-series, Chinese QW-series, and US Stinger, among others**



Errant MANPADS

- About one million systems built since late 1960s
- Most in domestic inventories, expended, or destroyed
- Some 10,000 outside domestic inventories
 - About half –mostly SA-7s—in terrorist inventories or on global black market





Controlling MANPADS Proliferation

- Regulate MANPADS exports
- Implement domestic control measures
- Buyback and destruction of black-market and excess domestic MANPADS inventories





Controlling MANPADS Exports

- Good export controls provide foundation for preventing proliferation
- Existing guidelines that can form the basis for control
- APEC Economies adopted guidelines for control of MANPADs in 2004



License Review

- Requires careful scrutinizing of licenses
 - Potential for diversion or misuse
 - Recipients willingness to ensure strict controls
- Retransfer assurances & inventorying
 - End-Use Monitoring
- Information sharing essential



Effective Domestic Controls

- Strong domestic regulation of MANPADS production, transfer, and brokering
- Ban transfers of MANPADS to non-State actors
- Develop procedures to ensure secure storage
- Destroy excess stocks



Stockpile Security & Accountability

- Maintain strong facilities security for both government and manufacturer stocks
- Retain necessary stocks for national security; consider destruction of rest
- Do not sell excess stocks



Consequences of Failing to Prevent MANPADS Proliferation

- Loss of life could be significant
- Economic consequences severe – Kenya experienced a dramatic drop in tourism
- Airline industry also vulnerable
 - Post-September 11th decline in airline passengers



Conclusion

- Proliferation of MANPADS is a global concerns
- Prevention must be a global effort