



# AVIATION ROCKETS AND MISSILES



## MUNITIONS EXECUTIVE SUMMIT

*11 FEB 05*

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# ARM MISSILE SYSTEMS



**LAUNCHER  
TEST  
STATION  
(LTS)**



**LASER**



**HELLFIRE**

**LONGBOW**



**HELLFIRE**



**BASIC  
AWM-101**



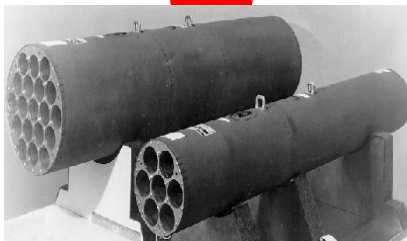
**TEST SET  
AN/TSM-205**



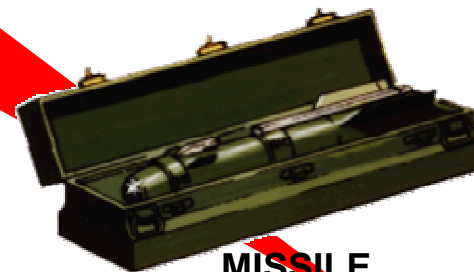
**M272 / M299  
LASER/LONGBOW HELLFIRE  
MODULAR LAUNCHER**



**HYDRA 70 FAMILY OF  
2.75" ROCKETS**



**M260/261 2.75" ROCKET  
LAUNCHERS**



**MISSILE  
CONTAINER**





# RECENT HELLFIRE M (BLAST FRAG) AND N (THERMOBARIC) DECISIONS



**G-3 AVN TF OUTBRIEF TO VCSA 31 AUG 04:**

**VCSA SIGNED DIRECTED REQUIREMENT:**

- CONVERT 72 K'S TO M'S
- CONVERT 100 K'S TO N'S
- PROCURE APPROX 1700 N'S

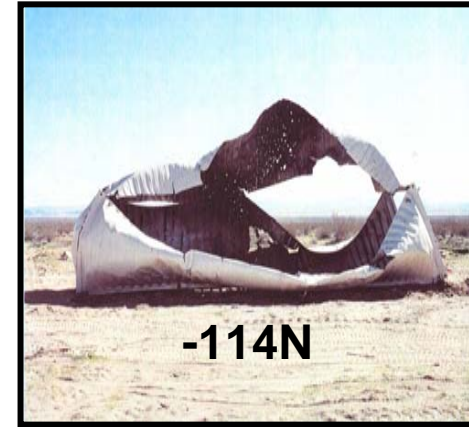
- ASPB VALIDATED

- ARM / AMCOM / PEO AVN TEAM QUICKLY COORDINATE TEST AND INTEGRATION ACTIVITIES

- 72 MISSILES DELIVERED IN THEATER NOV 04

- MISSILES CURRENTLY BEING USED IN COMBAT OPERATIONS

- FOLLOW-ON N DELIVERIES ON SCHEDULE FOR LATE SUMMER/EARLY FALL 05



**RESULT: A TEAM EFFORT RAPIDLY PLACED A MATERIAL SOLUTION IN THE HANDS OF THE WARFIGHTER**



# HYDRA WARFIGHTER SUPPORT



- **URGENT MATERIAL RELEASES**
  - M255A1 FLECHETTE
  - M278 IR FLARE
- **NEW DUAL SAFE FUZE**
- **MK66 MOD 6 ROCKET MOTOR TO REDUCE OPERATIONAL RESTRICTIONS**



# OTHER POSSIBLE HYDRA IMPROVEMENTS



- IM COMPLIANT MOTOR
- IM COMPLIANT WARHEADS
- IMPROVED LETHALITY
- PRECISION GUIDANCE
- SMART LAUNCHER

**21<sup>ST</sup> CENTURY WEAPONS SYSTEM  
THAT SATISFIES WARFIGHTER'S REQUIREMENTS**