

U.S. Army Unmanned Aerial Vehicle (UAV-SR)

sEvaluated UAV-SR system developer safety documentation and hazard analyses to ensure safety and health issues were addressed throughout all life cycle phases

sPerformed independent assessments of safety and health issues involving the design, operation, and maintenance of the UAV-SR system

sDeveloped the System Safety Management Plan, System Safety Working Group (SSWG) charter, and organized and facilitated SSWG meetings

sProvided safety input to program and test plans, requirements, and contract documents

sIdentified opportunities to enhance system safety program management effectiveness and compliance



Hazard Analysis

sPreliminary, subsystem, system

sOperating and support, Fault-Tree

sFailure mode and effects, and Root Cause

sSystem Safety Program plan development, and safety management. (MIL-STD-882C).

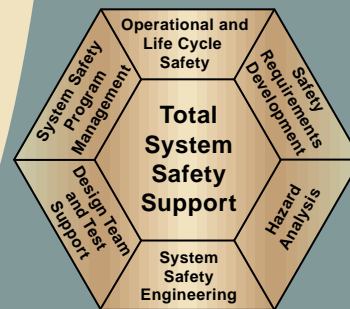
sSafety design criteria and requirements development

sSafety engineering assessment of design hazards, elimination and control measures.

sExplosives facilities design and quantity - distance site plans (DoD 6055.9-STD, AR/DA Pam 385-64, etc.).

sMunitions/Weapon System Threat Hazards Assessments Insensitive Munitions Test Plans (MIL-STD-2105B).

sExplosives Storage and Shipping Hazards Classification Test Plans (TB 700-2 and 49 CFR's).



U.S. Army STRICOM - Targets Management Office (TMO)

Foreign Material (FM) - Ground Targets Systems

sPrepared the FM - Ground Target System Safety Management Plan, System Safety Working Group (SSWG) charter, and organized and facilitated FM - SSWG meetings.

sDeveloped FM - Ground Targets Risk Assessment Matrix and Risk Acceptance Procedures.

sPerformed independent assessments of safety and health issues involving the design, operation, and maintenance of Foreign Tanks and Armored Vehicles.

sAssigned Risk Acceptance Values to identified hazards. Evaluated recommended engineering action to current deficiencies.

sDeveloped FM-Ground Targets Hazard Tracking System Database and Software. Maintained the HTS Database for TMO.



Mobile Ordnance Disrupter System (MODS)

sDeveloped the MODS System Safety Program Plan

sIdentified and resolved conflicting system safety requirements

sIdentified, reviewed, and assessed design and test plan for potential hazards and safety and health issues

sProvided advice and guidance on hazard elimination and control option

Ballistic Missile Defense Office (BMDO)

National Missile Defense (NMD) Program Manager's Office

sPrepared the NMD System Safety and Health Program Management Plan, the NMD System Safety and Health Working Group (SSHWG) charter, and facilitated NMD SSHWG meetings.

sDeveloped NMD Site Selection Safety and Health Evaluative Criteria and Procedures.

sProvided Explosives Safety Assessment of the LSI Integrated Assembly, Test and Checkout Facility and site plan.

