Headquarters Air Combat Command

AF Requirements



BGen Tim Byers ACC/A7 26 Mar 09

This Briefing is: UNCLASSIFIED



Airmen Engaged and in the Fight

- AF transporters, contracting specialists, Intel, medics, services, security forces and many others are all on the ground supporting the current war effort
 - Providing critical combat support to land component forces
- Our Engineers are supporting Joint tasks...RED HORSE; building roads, repairing bridges and critical infrastructure...EOD; defeating the IED threat; working to deny the enemy resources to make IEDs...finding and destroying weapons caches, working as weapons intelligence team members to use forensics to identify bomb makers





Airmen are members of the Joint team...one team, one fight

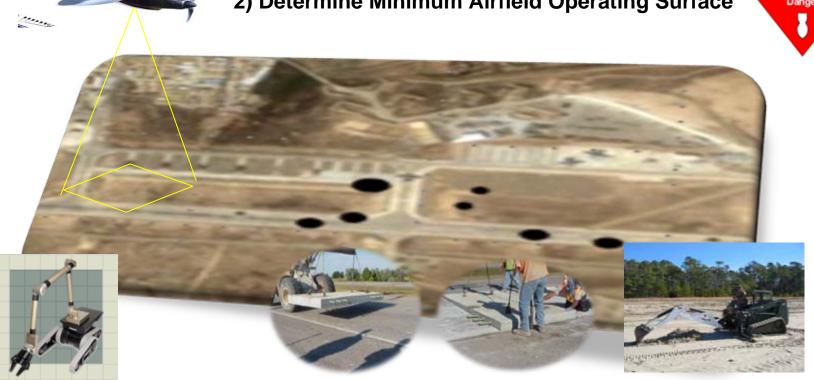


Weapons Storage Areas (WSA) Robotic Requirements

- Increase in security requirements to protect our AF WSA drives a need to find better means to protect assets
 - Deployments on the rise; lack of manpower to support homestation mission
 - Need a force multiplier... a semi-autonomous robot to augment our security forces and provide relief for stressed manning
- Potential solutions...*MDARS and **IVAN: small and nimble robotic patrol force with a capability to integrate both lethal and non-lethal payloads to support security missions
 - Robots can perform repetitive/dangerous tasks of protecting critical assets e.g., routine patrols; response, investigation and neutralization of threats to critical resources
 - Joint service collaboration on requirement and solution development

Overview – Airfield Damage Repair (ADR)

- 1) Assess Runway Damage & Unexploded Ordnance (UXO)
- 2) Determine Minimum Airfield Operating Surface



3) Render Safe any UXOs

4) Repair Up to 100 Craters on Runway and Up to 100 on Access Surfaces

Return Runway to Operational State for All Aircraft/4-6 Hrs