



UNCLASSIFIED



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2011 Reconnaissance Summit HBCT Back brief

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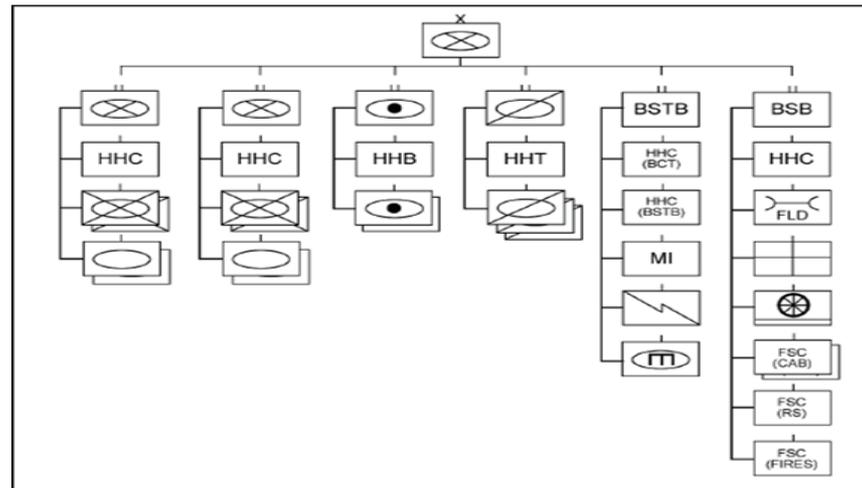


Defining HBCT Role in WAS/CAM



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- 1-31. HBCTs are balanced combined arms units that execute operations with shock and speed (Figure 1-2). Their main battle tanks, self-propelled artillery, and fighting vehicle-mounted Infantry provide tremendous striking power. HBCTs require significant strategic airlift and sealift to deploy and sustain. Their fuel consumption may limit operational reach. However, the HBCT's unmatched tactical mobility and firepower offset this. HBCTs include organic military intelligence, military police, artillery, signal, engineer, CBRN, reconnaissance, and sustainment capabilities.



FM 3-90.6

- 1-33. The reconnaissance squadron's fundamental role is to perform reconnaissance. As the "eyes and ears" of the HBCT commander, the reconnaissance squadron provides the combat information that enables the commander to develop situational understanding (SU), make better and quicker plans and decisions, and visualize and direct operations to provide accurate and timely information across the area of operations (AO). It also has the capability to defend itself against most threats. The reconnaissance squadrons is composed of four troops: one headquarters and headquarters troop (HHT) and three ground reconnaissance troops equipped with M3 cavalry fighting vehicles (CFV) and armored wheeled vehicles. In large AOs, aerial reconnaissance assets usually are attached or placed under operational control to the squadron to extend its surveillance range. FM 3-20.96 provides the basic doctrinal principles, tactics, and techniques of employment, organization and tactical operations appropriate to the squadron.



WAS/CAM

HBCT Reconnaissance Emerging Insights



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- Require common reconnaissance platforms with increased mobility, protection, & precision engagement
- Increased requirement for Engineer/EOD capability in reconnaissance organizations
- Capability to conduct reconnaissance across wide areas with sufficient depth to enable flexibility
- Capability to develop shared understanding down to dismounted reconnaissance elements
- Increased organizational flexibility through balance of manned/unmanned capabilities
- Mounted and dismounted capability for non-lethal/less than lethal force
- Requirement for ethically astute soldiers & leaders to mitigate complexity, ambiguity, lethality of Operational Environment (OE)
- Increased requirement for HUMINT in support of reconnaissance during WAS



Doctrine



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Issue: Current reconnaissance doctrine must evolve to enable reconnaissance and security operations in support of WAS/CAM in OE characterized by hybrid threats

- Requirement/role for chief of reconnaissance?
- Air-ground integration
- Include IED defeat in FM 3-20.96, *Reconnaissance and Cavalry Squadron*
- Hybrid threats use of technology to create/exploit ethical dilemmas

Recommendation: Holistic review of reconnaissance doctrine to determine adequacy to support reconnaissance in CAM/WAS in operational environments characterized by hybrid threats



Organization



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Issue: HBCT Reconnaissance Squadron is not optimized to support WAS/CAM

- Insufficient dismounted recon capability to conduct surveillance and interact with local officials
- Limited unmanned capabilities and no non-lethal capability
- Expand horizontal/vertical info sharing down to dismounted scouts (UAS, HUMINT, etc)
- Reserve? Can this be addressed through manned/unmanned teaming?
- Does WAS/CAM and the complexity of the OE require a different grade/experience for reconnaissance leaders?

Recommendation: Review of HBCT Reconnaissance Squadron structure to determine organizational changes required to conduct reconnaissance and security in complex and uncertain future operational environments.



Training (1/2)



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Issue: Requirement for enhanced simulation (V-C-G) to support training in complex operating environments.

- Tailorable V-C-G simulation capabilities to replicate the uncertainty and complexity of the operational environment (SIGINT, HUMINT, cultural sensitivities)
- Avatar capable virtual & gaming simulations to train cultural awareness and use of interpreters

Recommendation: Update virtual, constructive and gaming simulations to support the development of adaptive leaders.



Training (2/2)



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Issue: leader requirements for WAS/CAM require revisions and adaptations to institutional training

- Replace demolition training with IED/couter IED training in OES/NCOES for recon soldiers/leaders
- WAS/CAM requires higher level of proficiency with digital systems
- Air/ground integration training @ company level & below
- Leaders must anticipate/mitigate the effects of adverse information (social media, television, internet) as a function of planning/executing operations

Recommendation: Review and update institutional training to support revisions to reconnaissance doctrine to better prepare leaders to confront the challenges WAS/CAM.



Joe Smith

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Joe Smith

Things got out of control today, we shot up a village.



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Janey Wilson Oh no, is everyone ok?

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Joe Smith Yeah, we're good, but we dropped the hammer on those terrorists.

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Bob Snow Man, you can't put stuff like this on facebook, you're gonna get busted big time. Better erase it before 1SG sees it.

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Joe Smith Its totally cool, the LT was there, he said we were good. I'm not sweatin it



Leader Development



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Issue: Expand leader development to prepare leaders for the moral and ethical challenges associated with reconnaissance operations in WAS/CAM.

- How do we adapt our leader development model to expose leaders to the moral and ethical challenges posed by hybrid threats?
- How do we integrate and train mission command as a function of leader development?

Recommendation: Review/update existing leader development models to better prepare leaders to operate effectively amidst the challenges and demands of WAS/CAM.