

STRATEGIC
PLANNING



NonLethal Military Force: New Leverage for a New Era

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NONLETHAL MILITARY FORCE ELEMENTS



INFORMATION WARFARE



ELECTRONIC WARFARE



MILITARY DECEPTION



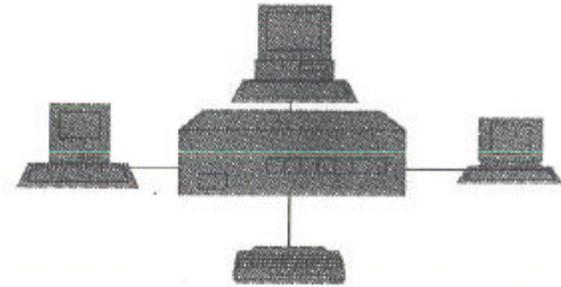
PSYCHOLOGICAL OPERATIONS



C2 DESTRUCTION (NONLETHAL)



OTHER NONLETHAL OPERATIONS



NONLETHAL MILITARY FORCE APPLICATIONS

RANGE OF MILITARY OPERATIONS		
MILITARY OPERATIONS	GENERAL U.S. GOAL	EXAMPLES
COMBAT NONCOMBAT	<i>WAR</i>	FIGHT & WIN
	<i>OPERATIONS OTHER THAN WAR (OOTW)</i>	DETER WAR & RESOLVE CONFLICT
		PROMOTE PEACE
		LARGE - SCALE COMBAT OPERATIONS PEACE ENFORCEMENT STRIKES RAIDS COUNTERINSURGENCY COUNTERTERRORISM PEACEKEEPING COUNTER-PROLIFERATION SHOW OF FORCE HUMANITARIAN ASSISTANCE NONCOMBATANT EVACUATION OPS ANTITERRORISM PEACE BUILDING CIVIL SUPPORT NATION ASSISTANCE DISASTER RELIEF COUNTERDRUG NONCOMBATANT EVACUATION OPS

(A)

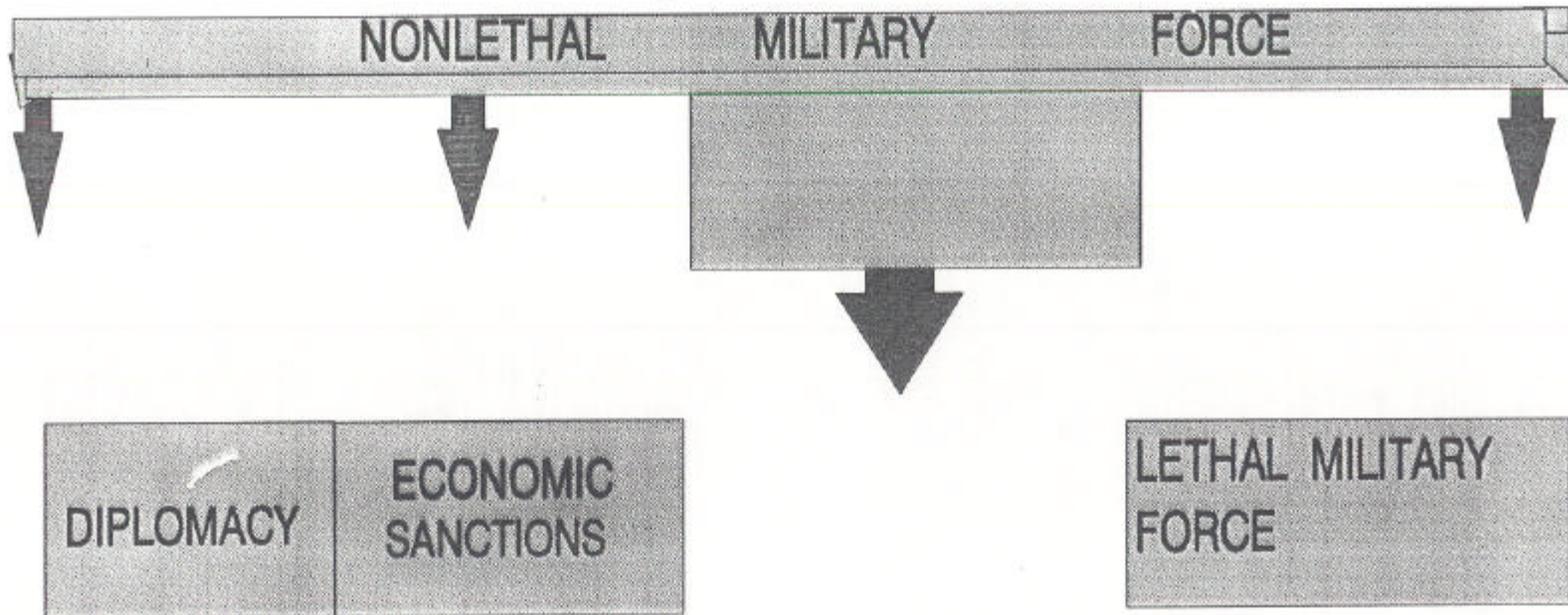
LETHAL MILITARY FORCE

(B)

(C)

NONLETHAL MILITARY FORCE

NONLETHAL MILITARY FORCE
FILLING THE OPTIONS VOID



NONLETHAL MILITARY FORCE
WHAT'S IN A NAME?

DISABLING WEAPONS

?

LOW COLLATERAL DAMAGE

?

NONLETHAL WARFARE

NONLETHALITY

MINIMUM FORCE OPERATIONS

?

NON-LETHAL

INCAPACITATING

?

SUB-LETHAL

?

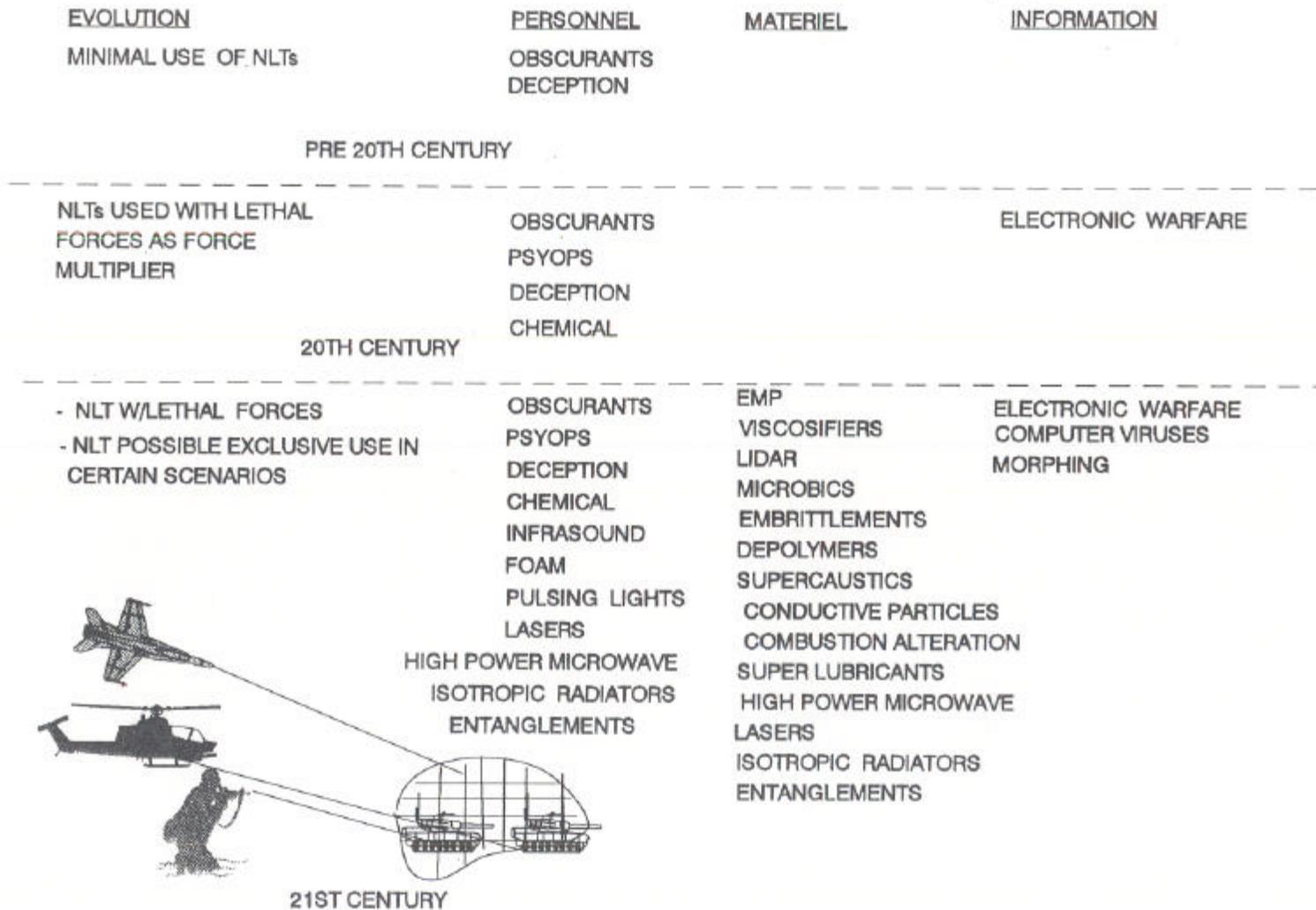
MISSION KILL

SOFT KILL

?

NONLETHAL MILITARY FORCE EVOLUTION

SPECIFIC NONLETHAL TECHNOLOGIES (NLT)



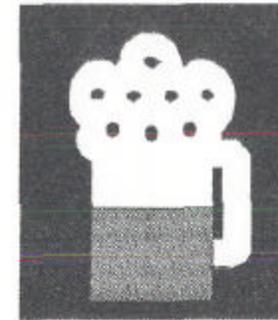
NONLETHAL MILITARY FORCE THE GLASS HALF-EMPTY

- ★ NONLETHAL MILITARY FORCE COULD BE FATAL
- ★ THE DANGERS OF GREAT EXPECTATIONS UNFULFILLED
- ★ RESOURCE TRADE-OFFS REQUIRED
- ★ FOREIGN POLICY PITFALLS
 - INVITATION TO ADVENTURISM?
 - A NONLETHAL DETERRENT?
 - THE THREAT OF ESCALATION
 - PROLIFERATION DANGERS
- ★ POTENTIAL LEGAL CONTROVERSIES
- ★ THE MORAL LOW GROUND?



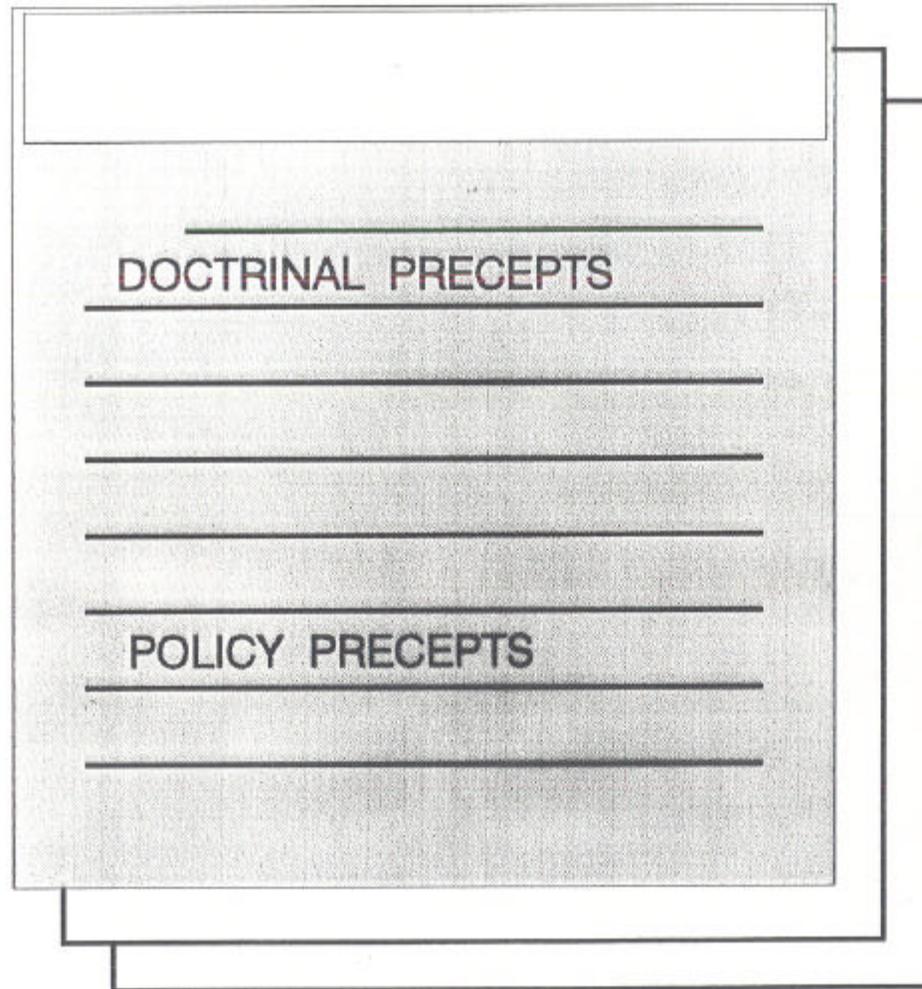
NONLETHAL MILITARY FORCE THE GLASS HALF-FULL

- ★ DEFUSING THE GLASS HALF-EMPTY
- ★ MORAL DEFENSIBILITY
- ★ REAPING POLITICAL BENEFITS FROM VITAL,
MAJOR AND PERIPHERAL INTERESTS
- ★ MILITARY EFFECTIVENESS
- ★ FLEXIBLE, ECONOMICAL AND AFFORDABLE
TOOLS OF COERCION/PERSUASION



NONLETHAL MILITARY FORCE

IMPLEMENTATION FRAMEWORK: DOCTRINE & POLICY



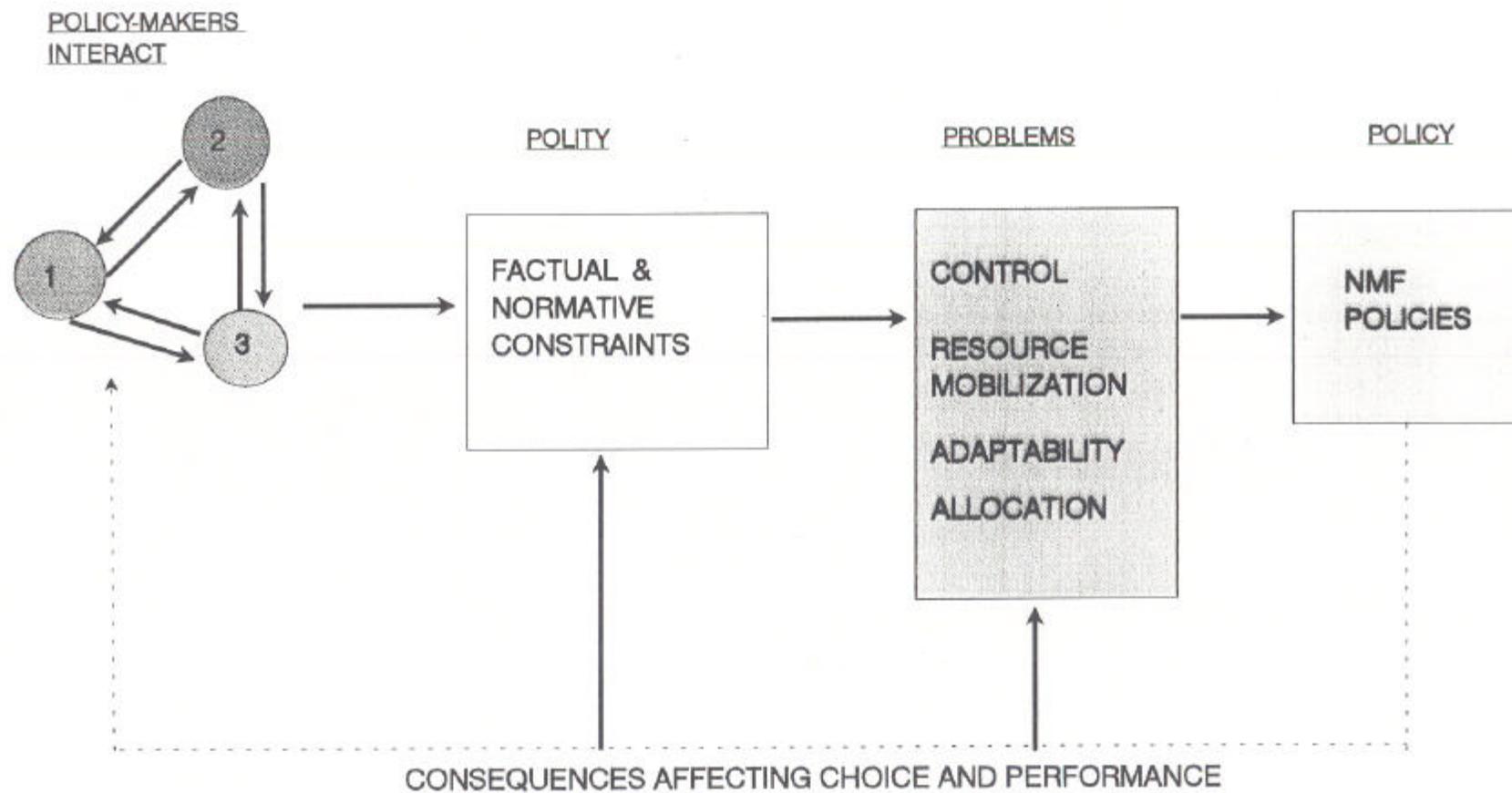
NONLETHAL MILITARY FORCE DOCTRINAL PRECEPTS

- ★ NMF CAN PROVIDE ADDITIONAL LEVERAGE TOWARD POLITICAL AND MILITARY OBJECTIVES
- ★ NMF CAN BE USED IN CONJUNCTION WITH DIPLOMATIC PRESSURE, ECONOMIC SANCTIONS AND LETHAL MILITARY FORCE, RESULTING IN MINIMUM CASUALTIES AND COLLATERAL/ENVIRONMENTAL DAMAGE TO BOTH SIDES.
- ★ NMF CAN BE USED EFFECTIVELY AGAINST NATION-STATES AND/OR NON-GOVERNMENTAL NATIONALISTIC OR TRANSNATIONAL THREATS.
- ★ THERE ARE THREE TENETS OF NMF--*SYNERGISM, VERSATILITY, AND DISCRETION.*

NONLETHAL MILITARY FORCE DOCTRINAL PRECEPTS

- ★ NMF SHOULD TARGET THE ADVERSARY'S CENTER OF GRAVITY.
- ★ NMF CAN BE USED IN CONJUNCTION WITH APPROVED COMBINED/COALITION OPERATIONS.
- ★ NMF CAN BE USED IN THE EARLY STAGES OF A CONFLICT TO LIMIT RISK OF LETHAL ESCALATION AND MINIMIZE THREATS TO U.S. INTERESTS.
- ★ NMF CAN BE EMPLOYED OVERTLY OR COVERTLY.

NONLETHAL MILITARY FORCE NMF POLICY-MAKING



NONLETHAL MILITARY FORCE POLICY PRECEPTS



NMF CONTROL

- THE NATIONAL COMMAND AUTHORITY (NCA) SHALL GRANT AUTHORITY TO THEATER COMMANDERS OR JOINT FORCE COMMANDERS TO EMPLOY NMF IN OOTW SCENARIOS TO ACHIEVE STRATEGIC OBJECTIVES WHILE MINIMIZING LOSS OF LIFE AND DAMAGE TO PROPERTY AND ENVIRONMENT.
- NMF WILL BE USED TO PROMOTE AND PROTECT U.S. AND MULTILATERAL INTERESTS AS DEEMED NECESSARY BY THE NCA.
- THE NCA WILL USE NMF ONLY AFTER A COMPLETE ASSESSMENT OF WHAT INTERESTS ARE AT STAKE IN A PARTICULAR OOTW SCENARIO. DEFINED OBJECTIVES AND MEASURABLE EFFECTS SHOULD BE ASCERTAINED PRIOR TO EMPLOYMENT.

NONLETHAL MILITARY FORCE POLICY PRECEPTS



RESOURCE MOBILIZATION--SELECTION CRITERIA

- IN CONSONANCE WITH AMERICAN MORAL AND ETHICAL VALUES
- PRIORITY TO ANTI-MATERIEL NONLETHAL TECHNOLOGIES
- ARE OPERATIONALLY FEASIBLE
- ARE WEAPONIZABLE AND FEASIBLE
- REQUIRES SOPHISTICATED COUNTERMEASURES TO BE DEVELOPED BY EMERGING COMPETITORS
- ARE RISK-ACCEPTABLE WHEN EVALUATED AGAINST OTHER OPTIONS
- ARE WITHIN THE BOUNDS OF INTERNATIONAL LEGAL ACCORDS AND TREATIES
- PRODUCE MILITARY VALUE THAT IS MEASURABLE
- JUSTIFY ADDITIONAL COST IN REQUIRED INTELLIGENCE, COMMENSURATE WITH THE TARGETING INVESTMENT/EFFECT

NONLETHAL MILITARY FORCE POLICY PRECEPTS



ADAPTABILITY--EMPLOYMENT POLICIES

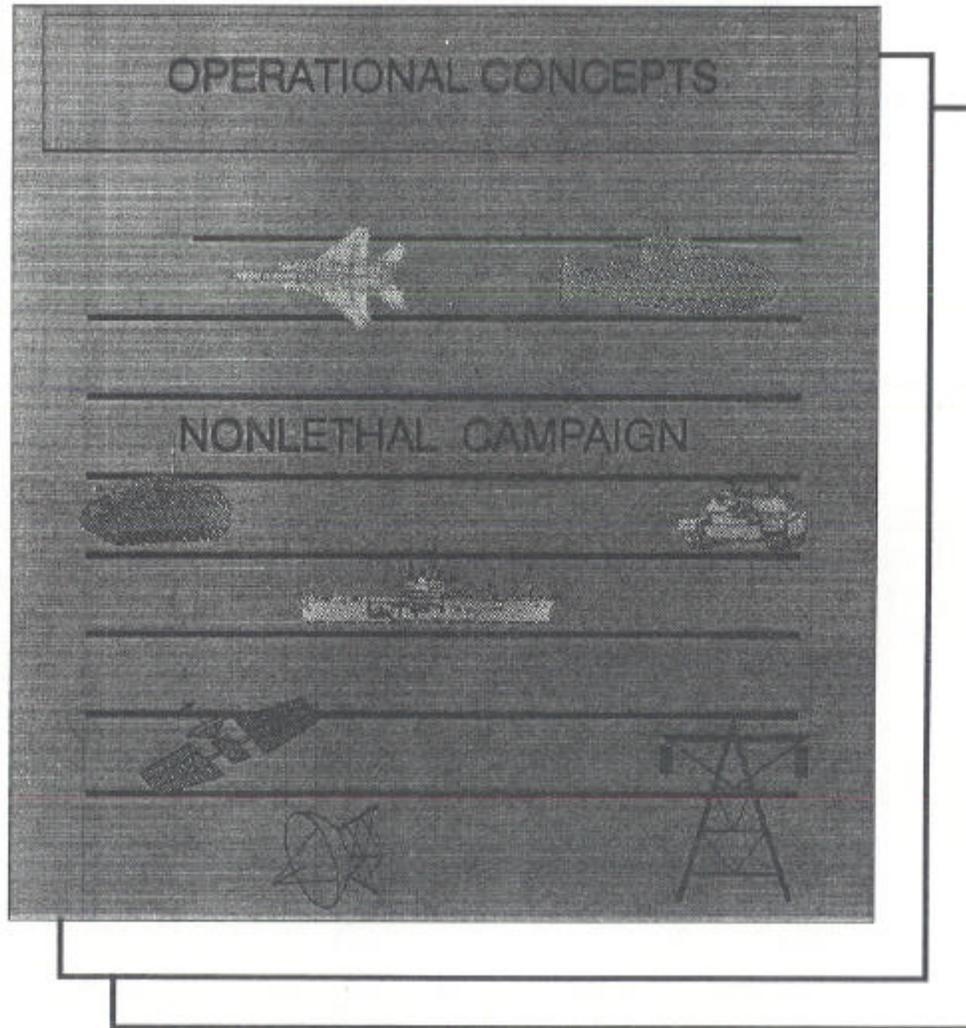
- JOINT FORCE COMMANDERS WILL USE ANTI-MATERIEL AND ANTI-INFORMATION NONLETHAL TECHNOLOGIES TO THE MAXIMUM EXTENT BEFORE CONSIDERING ANTI-PERSONNEL TECHNOLOGIES.
- NONLETHAL WEAPONS SHOULD BE DESIGNED TO BE EMPLOYED FROM CURRENT OPERATIONAL DELIVERY PLATFORMS.
- NMF IS NOT MEANT AS A SUBSTITUTE FOR LETHAL MEANS WHEN LETHAL MEANS ARE REQUIRED BY THE THEATER COMMANDER.



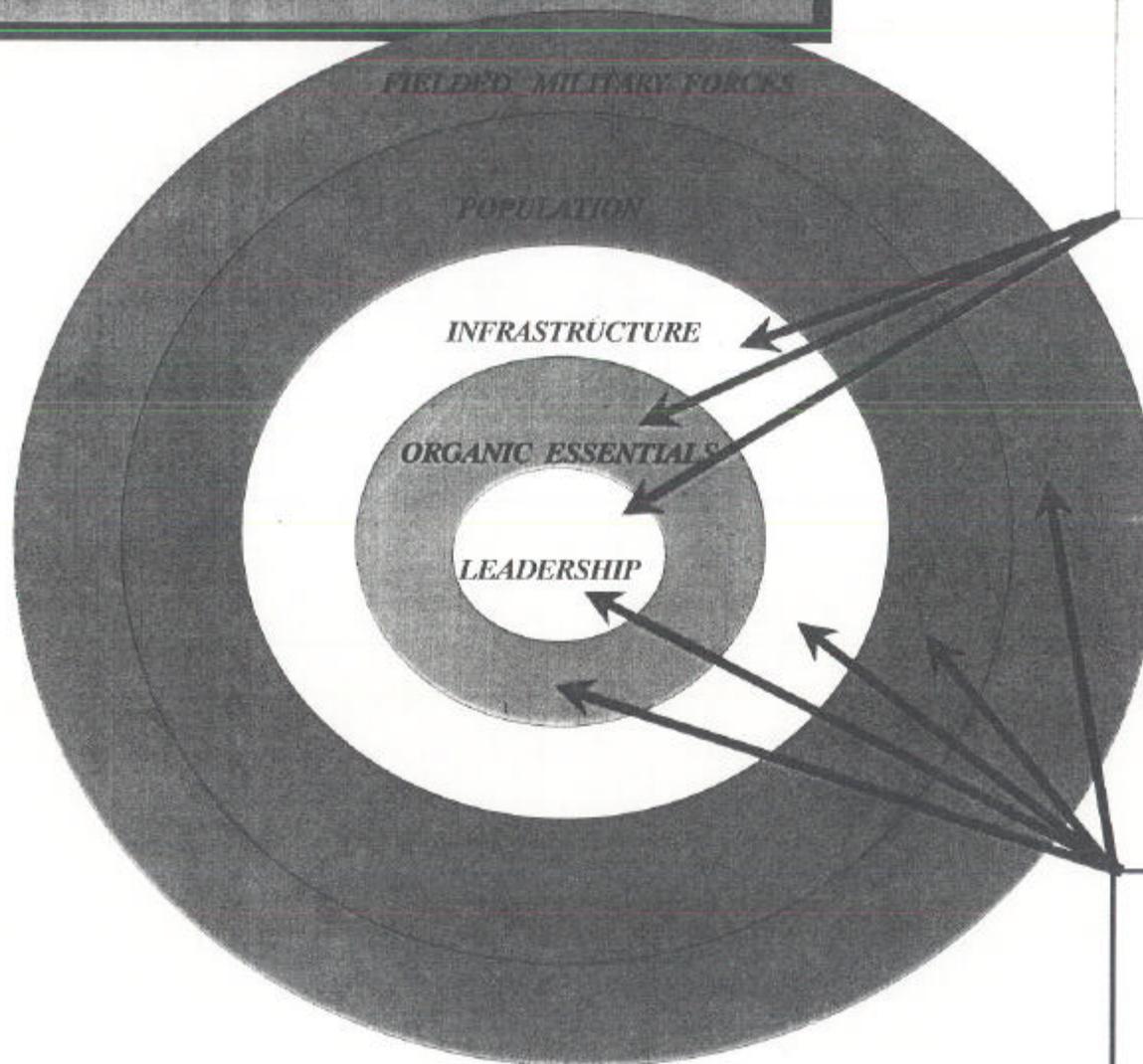
ALLOCATION

- DOD SHOULD EXPLORE COUNTERMEASURES, TO INCLUDE THOSE NOT DEVELOPED FOR OPERATIONAL USE.

NONLETHAL MILITARY FORCE IMPLEMENTATION FRAMEWORK: OPERATIONAL CONCEPTS



NONLETHAL MILITARY FORCE OPERATIONAL CONCEPT



PHASE 1

EMP
MORPHING JAMMING
COMPUTER VIRUS HPM
PSYOPS

PHASE 2

EMP HPM
DEPOLYMERIZERS
ANTI-FUEL ADDITIVES
SUPERCAUSTICS
COUNTERFEITING