US ARMY MISSION AND CHALLENGES

Remarks by
GEN MAXWELL R. THURMAN

at
AUSA Winter Defense Symposium

26 Feb 86

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WINTER DEFENSE SYMPOSIUM

AUSA — REDCOM

26 FEB 86

GENERAL MAXWELL R. THURMAN

VCSCA, U.S. ARMY
SUPPORT NATIONAL STRATEGY

DEFEAT ANY ENEMY

DETER ATTACK

REACT GLOBALLY
U.S. ARMY MISSIONS

• DEFEAT A WARSAW PACT ATTACK ON NATO AND MAINTAIN ITS TERRITORIAL INTEGRITY AND SECURITY

• DENY SOVIET CONTROL OF THE PERSIAN GULF AND ASSOCIATED OIL RESOURCES

• DEFEND VITAL U.S. INTERESTS IN THE PACIFIC

• SUPPORT ALLIES IN ASIA, LATIN AMERICA AND AFRICA

• MAINTAIN A STRATEGIC RESERVE CAPABLE OF COUNTERING THREATS IN THE WESTERN HEMISPHERE; AND

• RESPOND TO OTHER THREATS TO U.S. INTERESTS ANYWHERE IN THE WORLD
WHY THE ARMY ...

THE ARMY MUST BE
- READY
- FLEXIBLE
- DEPLOYABLE
- SUSTAINABLE

ACROSS THE SPECTRUM
FUNDAMENTAL CHOICES

- Expand force levels and military end strength
- Maintain force levels and military end strength to protect
- Readiness initiatives and sustainability
- Minimum essential modernization

OR

- Accept an army with older/less threat capable equipment
- Slow modernization and equipment fill rates
- Reduce sustainability build-up
FORCE STRUCTURE AZIMUTHS

REFOCUS ON CORPS

WARFIGHTING CAPABILITY

HEAVY FORCES
DIVISION 86 REFINEMENTS
- CONTINUE MODERNIZATION PROCESS
- STREAMLINE DIV 86 DESIGNS
- CONTINUE BDE ROUNDOUT

LIGHT FORCES
RESTRUCTURING TO INCREASE CAPABILITY
- INCORPORATE 10K DESIGN
- SUSTAIN HIGH TECH EFFORT
- ENHANCE SOF/RANGER FORCES

EXPANDED AVIATION STRUCTURE
IMPROVED SUSTAINABILITY
GROWTH OF COMBAT CAPABILITY

ACTIVE COMPONENT
END STRENGTH (000's)

COMBAT BATTALIONS

FY 80  87  91
342  375  396

RESERVE COMPONENTS
END STRENGTH (000's)

COMBAT BATTALIONS

FY 80  87  91
574  791  837

346  373  390

INITIATIVES

- PRODUCTIVITY ENHANCING TECHNOLOGY
- ORGANIZATIONAL MODERNIZATION
- HEADQUARTERS REDUCTIONS
- RESERVE COMPONENT GROWTH
- CIVILIAN SUBSTITUTION, CONTRACTING
- HOST NATION SUPPORT, CONTINGENCY CONTRACTING
RESEARCH AND DEVELOPMENT GUIDANCE

- LIGHTER EQUIPMENT
- DOWNSIZED EQUIPMENT
- LESS PEOPLE INTENSIVE
- FULL HUMAN FACTORS INTEGRATION
- NON DEVELOPMENTAL ITEMS WHEN POSSIBLE
- REDUCE SUPPORT COSTS
- INCREASE READY RATES
- PROGNOSTIC MAINTENANCE
- APPROPRIATE TESTING
- SPARE PARTS COSTING AND AVAILABILITY
INF DIV
18,486

16% FOXHOLE STR.

1502 SORTIES

19 DAYS

CLOSURE TIMES

10K LT DIV
10,700

32% FOXHOLE STR.

497 SORTIES

6 DAYS

TOTAL COST REDUCTION $3B
AHUAS TARA 83
HOW IT COULD HAVE BEEN DONE

DIRECT DELIVERY BY 19 C-17 MISSIONS FROM CONUS
SYSTEM PERFORMANCE FORMULA

\[ P_M = (P_A) \cdot (P_O) \cdot (P_P) \]

\[ P_M = (P_A) \cdot (P_O) \cdot (P_P) \]

<table>
<thead>
<tr>
<th>SYSTEM PERFORMANCE</th>
<th>AVAILABILITY</th>
<th>OPERABILITY</th>
<th>PERFORMANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>• MAINTENANCE</td>
<td>• HUMAN CAPABILITY</td>
<td>• CEP</td>
<td></td>
</tr>
<tr>
<td>• RELIABILITY</td>
<td>• SKILL</td>
<td>• P_k</td>
<td></td>
</tr>
<tr>
<td>• SPARES</td>
<td>• TRAINING</td>
<td></td>
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</tr>
</tbody>
</table>
REQUIREMENT
MAN PORTABLE ANTI-TANK WEAPON

"PROBABILITY OF KILL OF FUTURE SOVIET TANK WILL BE .5 AT 1500 METERS IN CL-4 OBSCURANT CONDITIONS WITH MAN IN THE LOOP"
NON-DEVELOPMENTAL ITEM

A SOLUTION FOR:

- TECHNOLOGY AND THREAT MOVING FAST
- TRADITIONAL ACQUISITION PROGRAMS LONG AND EXPENSIVE
- FIELD EQUIPMENT GENERATIONS BEHIND WHAT IS AVAILABLE
THE MSE STORY

SEPTEMBER 1983 — 5000 PEOPLE
— $5B IN COMMO EXPENDITURE
DECEMBER 1985 — AWARDED CONTRACT

CONTRACT STRATEGY:

• DEMONSTRATION IN FIELD
  (FRENCH IN FRANCE, BRITISH IN FRG) (GAO, AAA)

• NO R&D

• FIELDED BY CORPS (AC-NG-RC)

• FIELDED BY BATTALION SETS
  (INCL) VEHICLES, GENERATORS, SPARES

• SUSTAINMENT AS PART OF CONTRACT (15 YEARS)

• FIXED PRICE CONTRACTS

• TEST IN UNIT IN FIELD BEFORE FINAL PAYMENT
PROGNOSTIC MAINTENANCE

HIGH PERFORMANCE AIRCRAFT

STATE OF THE ART
- AUTOMATIC FAULT DETECTION AND ISOLATION
- AUTOMATICALLY REPORTS PERFORMANCE DEGRADATION
- FLIGHT AND FAILURE DATA RECORDED

APPLICATIONS

- AUTOMATIC SYSTEM REPORTING OF PERFORMANCE DEGRADATION
- DISPLAY OF SYSTEM PERFORMANCE AND SYSTEM STATUS

DIGITAL DATA READ-OUT AND ON-BOARD RECORDING

- EXHAUST TEMPERATURE MONITORING TO PREDICT PERFORMANCE DEGRADATION
- AFTER OPERATIONS EVALUATION TO MECHANICS WITH FAULTS ISOLATED AND REPORTED
SUSTAINABILITY AND SPARES

- SQUAD AUTOMATIC WEAPON — STOPPED FIELDING — AMMO
- TAC FIRE — STOPPED — SPARE PARTS

NEW FOCUS

- M1A1 — 120 MM TANK GUN ... 60 DAYS AMMO
  30 DAYS SPARES

- 20 NEW SYSTEMS ... CRITICAL SPARE COMPONENTS
  974 LINES ON ORDER END FY 86 = 28 DAYS

AVIATION FLEET ... CRITICAL SPARE PARTS
  18,210 PARTS ON HAND END FY86 = 15 DAYS
<table>
<thead>
<tr>
<th>AIRCRAFT</th>
<th>CRITICAL PARTS</th>
<th>TOTAL PARTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>UH-60</td>
<td>196</td>
<td>15,000</td>
</tr>
<tr>
<td>CH-47</td>
<td>207</td>
<td>28,811</td>
</tr>
<tr>
<td>UH-1</td>
<td>89</td>
<td>5,012</td>
</tr>
<tr>
<td>AH-1</td>
<td>103</td>
<td>13,277</td>
</tr>
<tr>
<td>OH-58</td>
<td>141</td>
<td>10,991</td>
</tr>
<tr>
<td>AH-64</td>
<td>101</td>
<td>28,913</td>
</tr>
</tbody>
</table>

**CRITICAL PARTS PROGRAM**

**CRITICAL PARTS DEFINED**

**PRIMARY FAILURE OR MALFUNCTION AFFECT THE SAFE OPERATION OF THE AIRCRAFT**
MAXIMUM EFFECTIVE RANGES

M-113 – BFV

BFV
25MM 2,000M
VEHICLE KILL-FRONTAL
TOW 3750M
DAY-NIGHT CAPABILITY

M-113
50 CAL 300M
VEHICLE KILL-FLANK
DRAGON 1000M
EFFECT OF FIELDING CURRENT BRADLEY
IN A HEAVY U.S. DIVISION

+ 27% EFFECTIVENESS
AGAINST THE 1989 THREAT

...AND WITH SURVIVABILITY ENHANCEMENTS... EVEN MORE!
**JOINT LIVE FIRE TESTING SCHEDULE FY86–FY90**

<table>
<thead>
<tr>
<th>SYSTEM</th>
<th>SUBSYSTEMS TESTED</th>
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</thead>
<tbody>
<tr>
<td>F-15</td>
<td>FUEL SYSTEMS</td>
</tr>
<tr>
<td>F-16</td>
<td>PROPULSION</td>
</tr>
<tr>
<td>F-18</td>
<td>FLIGHT CONTROLS</td>
</tr>
<tr>
<td>AV-8B</td>
<td>STRUCTURES</td>
</tr>
<tr>
<td>A-6 E/F</td>
<td></td>
</tr>
<tr>
<td>UH-60</td>
<td></td>
</tr>
<tr>
<td>AH-64</td>
<td></td>
</tr>
</tbody>
</table>
JOINT FORCE DEVELOPMENT PROCESS

- ORIGINAL 31 JOINT INITIATIVES NOW 35—OVER 50% IMPLEMENTED
- ARMY, NAVY AND AIR FORCE PARTICIPATE
- DIRECT SUPPORT TO THE COMBATANT CINCS
- COMPLEMENT RATHER THAN DUPLICATE CAPABILITIES
- INCREASE TOTAL FORCE EFFECTIVENESS
- $1 BILLION COST AVOIDANCE
JOINT REQUIREMENTS AND MANAGEMENT BOARD (JRMB)

- FORMED MAR '84

- COMPOSED OF FOUR STAR VICE CHIEFS OF THE SERVICES AND DIRECTOR JOINT CHIEF

- HIGH LEVEL BODY TO SLICE THRU AND FORM/MANAGE JOINT PROGRAMS

- HANDLE INTERDICTION WEAPONS: RECONNAISSANCE-REMOTELY PILOTED VEHICLES; COMBAT IDENTIFICATION SYSTEM; AND OTHERS
JRMB ACTIVITY

- MK XV COMBAT IDENTIFICATION SYSTEM (CIS)
- INTERDICTION WEAPONS SYSTEMS
  - JSTARS/JTACMS/ATACMS
  - RECONNAISSANCE RPVs
  - RPV PAYLOADS AND DATA LINKS
- EW COMMONALITY/JOINT PROGRAMS
- SPACE-BASED RADAR/INFRARED (SBR/IR)
- WWMCCS INFORMATION SYSTEM (WIS)
- TACTICAL MILITARY DECEPTION (TAC-D)
- HIGH FREQUENCY ANTI-JAM COMMUNICATIONS (HFAJ)
- INSENSITIVE MUNITIONS (IM)
- LONG RANGE AIR TO AIR MISSILE (LRAAM)
- MICROWAVE LANDING SYSTEM (MLS)
SERVICE RECONNAISSANCE RPV REQUIREMENTS

<table>
<thead>
<tr>
<th></th>
<th>SHORT RANGE</th>
<th>MEDIUM RANGE</th>
<th>LONG RANGE</th>
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</thead>
<tbody>
<tr>
<td>ARMY TADARS LOITER</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>RSTA</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENDURANCE/RANGE</td>
<td></td>
</tr>
<tr>
<td>DON MINI RPV (TADARS)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MINI RPV (TADARS)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>LOITER</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>RSTA</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>RPV (RSTA)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>FAST</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>UNMANNED (16W)</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>ENDURANCE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AF TGT CONFIRMATION/WEATHER</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TGT CONFIRMATION/WEATHER</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>FAST</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*NOTE:
TADARS = TARGET ACQUISITION DESIGNATION & RECONNAISSANCE SYSTEM
RSTA = RECONNAISSANCE SURVEILLANCE & TARGET ACQUISITION
MARK 46 TORPEDO PRODUCTION CASE STUDY

ISSUES:
- Cost for 10-fold increase in production
- How quickly can ramp-up be achieved
- Can subcontractors sustain high production

ANALYSIS FORECASTS:
- Work station management
- Reduced testing
- Spare parts on line

RESULTS:
- Production time drops 27 to 2 weeks
- Process "waits" drops 92% to 50%
- Test equipment cost drop $22M to $7M
- Ramp-up time drops 96 to 20 weeks

SOURCE: CENTER FOR NAVAL ANALYSIS
TANK PRODUCTION MOBILIZATION

ISSUE: 24 MONTHS TO MOBILIZATION PRODUCTION LEVELS
6 - 7 MONTHS TO SURGE LEVELS

SHORTFALLS: PLANT FACILITIZATION NOT COMPLETED
SHORT COMPONENT PARTS
— ENGINES (BEARINGS)
— FIRE CONTROL (CRYSTALS)

... AND WHAT ABOUT OVERSEAS SUB TIER VENDORS?
... AND CAN WE REDUCE SPECIFICATIONS BASED ON
PREDICTED BATTLE LIFE TO SPEED PRODUCTION?
**M-1 PEACETIME COMPONENT PERFORMANCE**
**GOAL VS. DEMONSTRATED**

<table>
<thead>
<tr>
<th>POWERPACK</th>
<th>GUN TUBE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GOAL</strong></td>
<td><strong>GOAL</strong></td>
</tr>
<tr>
<td>320 MMBF</td>
<td>1000 RDS</td>
</tr>
<tr>
<td><strong>DEMO</strong></td>
<td><strong>DEMO</strong></td>
</tr>
<tr>
<td>400+ MMBF</td>
<td>1000 RDS</td>
</tr>
</tbody>
</table>

**BUT**

**WARTIME — COMBAT LIFE ESTIMATES ARE 400-500 MILES**
TRAINING DEVICE STRATEGY

OBJECTIVE: DEVELOP A HIERARCHY OF TRAINING SIMULATIONS TO PROVIDE MORE REALISTIC AND MORE EFFICIENT TRAINING

NEEDS:

- AUTOMATION: TO SAVE $, MOVE PEOPLE FROM SUPPORT GROUP TO TRAINING AUDIENCE
- STANDARDS OF PERFORMANCE
- SEVERAL VERSIONS AT CORPS AND ECHELONS ABOVE CORPS

- CPX DRIVER
- STAFF TRAINER
- OPLAN ANALYZER

<table>
<thead>
<tr>
<th>ECHELON</th>
<th>COMPUTER SUPPORTED SIMULATIONS</th>
<th>THE REAL THING</th>
</tr>
</thead>
<tbody>
<tr>
<td>CORPS</td>
<td>JESS</td>
<td>JSTARS/TR-1/TEHCAP</td>
</tr>
<tr>
<td>DIV</td>
<td>JESS*</td>
<td>ASAS</td>
</tr>
<tr>
<td>BDE</td>
<td>ARTBAS*</td>
<td>MCS/TACTICAL USER</td>
</tr>
<tr>
<td></td>
<td>JANUS*</td>
<td>TERMINAL (AQUILLA, JSTARS, GSM)</td>
</tr>
<tr>
<td>BN</td>
<td>BABAS (NACE)</td>
<td>AFATADS/SHORAD C2</td>
</tr>
<tr>
<td></td>
<td>JANUS</td>
<td></td>
</tr>
<tr>
<td>CO</td>
<td>SIMNET</td>
<td>MCS/RCS</td>
</tr>
<tr>
<td>TANK</td>
<td>TANK</td>
<td>VETRONICS/INTEGRATED WILES</td>
</tr>
<tr>
<td></td>
<td></td>
<td>COMPUTER GENERATED IMAGERY</td>
</tr>
</tbody>
</table>

* CONSIDERED FOR APPLICATION
EXPERT SYSTEMS

GIVEN:  
- PEOPLE ARE EXPENSIVE
- COMPUTERS ARE CHEAP
- EVERYTHING HAS A COMPUTER IN IT

QUESTION: HOW TO USE COMPUTER TO CAPACITY?

ANSWER: EXPERT SYSTEMS! EXPERT ON A CHIP!

ON-BOARD COMPUTER
- WARTIME OPERATIONS
- PEACETIME OPERATIONS
- DIAGNOSTICS
- TRAINER
- FUTURE ??

EMBEDDED
# CONTRACT CLOSE OUT

**ARMY AUDIT AGENCY**  10 CONTRACTORS  
10 INSTALLATIONS  

## CONTRACTOR RESULTS

<table>
<thead>
<tr>
<th>TYPE</th>
<th>CLOSE OUT (FAR)</th>
<th>CONTRACTS COMPLETED NOT CLOSED</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIRM FIXED-PRICE</td>
<td>6 MONTHS</td>
<td>2,230 OF 5,699 $3.6B</td>
</tr>
<tr>
<td>OTHER FIXED-PRICE</td>
<td>20 MONTHS</td>
<td>117 OF 305 $304M</td>
</tr>
<tr>
<td>COST REIMBURSEMENT &amp; FIXED PRICE INCENTIVE</td>
<td>36 MONTHS</td>
<td>330 OF 1258 $2.9B</td>
</tr>
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</table>
DOD ACQUISITION

CONGRESS
OSD
PACKARD CMSN

DRIFT TOWARDS

CENTRAL AUTHORITY

EMPHASIS ON:
- HIGH QUALITY
- HIGH TECH
- STREAMLINING
- ACCOUNTABILITY
- BUSINESS APPROACH

IN ALL AREAS:
- PEOPLE
- ORGANIZATION
- REQUIREMENTS
- MANUFACTURING
- TESTING
ARMY REAL GROWTH TRENDS

FY70–86 AVERAGE
-0.4%

FISCAL YEAR

-16
-12
-8
-4
0
4
8
12
16

70 72 74 76 78 80 82 84 86 87

-0.9
READINESS IMPROVEMENTS

1980 VS 1986

3800 M1 TANKS

2550 NEW FIGHTING VEHICLES

790 NEW UTILITY HELICOPTERS

300 NEW ROCKET LAUNCHERS
RESERVE COMPONENTS

$B

EQUIPMENT DISTRIBUTED

80 82 84 86 87

FINANCIAL YEAR

(000's)

PERSONNEL

ENDD STRENGTH

FULL TIME SUPPORT

39
THE ARMY ORGANIZATION
IS INHERENTLY BUILT AROUND PEOPLE...
NOT SYSTEMS
DECLINING MARKET
TOTAL 17-20 YR OLD MARKET
IN MILLIONS
SUPPLY AND DEMAND
—PROPENSITIES
16–21 YEAR OLD MALE HSDG/SENIORS

4.1% DEFINITELY YES
19.0% PROBABLY YES
34.8% PROBABLY NOT
42.0% DEFINITELY NOT
TRENDS IN POSITIVE PROPENSITY
YATS II FALL SURVEY (REWEIGHTED)
WHY THE ARMY NEEDS QUALITY PEOPLE

<table>
<thead>
<tr>
<th>AFQT TEST CATEGORY</th>
<th>I-III A</th>
<th>III B</th>
<th>IV</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIR DEFENSE:</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>SHORAD GUNNERS</td>
<td>67%</td>
<td>52%</td>
<td>48%</td>
</tr>
<tr>
<td>SUCCESSFUL ENGAGEMENTS (TRASANA - 1980)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ARMOR:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RATE AT WHICH US CREWS DESTROY OPPOSING TANKS (CANADIAN CUP 1981)</td>
<td>7 TO 1</td>
<td>1.5 TO 1</td>
<td></td>
</tr>
<tr>
<td>INFANTRY:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RATE AT WHICH RIFlemen WOUND/KILL OPPOSING INFANTRY (HUNTER/LIGGET-1984) (ROUNDED TO WHOLE #)</td>
<td>2 TO 1</td>
<td>1 TO 1</td>
<td>1 TO 1</td>
</tr>
<tr>
<td>ARMOR:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MOS 19E, E1 — E4 PERCENT PASSING SQT (1983)</td>
<td>94%</td>
<td>92%</td>
<td>79%</td>
</tr>
</tbody>
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# TANK CREW PERFORMANCE

<table>
<thead>
<tr>
<th>CREW TSC</th>
<th>KILLS</th>
<th>M60 % INCR RELATIVE CAT IV</th>
<th>M1 % INCR RELATIVE CAT IV</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>10.23</td>
<td>75.2</td>
<td>12.75</td>
</tr>
<tr>
<td>II</td>
<td>9.51</td>
<td>62.8</td>
<td>12.47</td>
</tr>
<tr>
<td>IIIA</td>
<td>8.52</td>
<td>45.9</td>
<td>12.05</td>
</tr>
<tr>
<td>IIIIB</td>
<td>7.47</td>
<td>27.9</td>
<td>11.57</td>
</tr>
<tr>
<td>IV</td>
<td>5.84</td>
<td>—</td>
<td>10.72</td>
</tr>
</tbody>
</table>

**III A CREW ON M1 PERFORMS 41% BETTER THAN IIIA CREW ON M60**
### NPS Accessions by AFQT Category

(Percent)

<table>
<thead>
<tr>
<th>AFQT CAT</th>
<th>YOUTH POP</th>
<th>80</th>
<th>82</th>
<th>84</th>
<th>85</th>
<th>86*</th>
<th>USMC 86</th>
<th>USN 86</th>
<th>USAF 86</th>
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<tbody>
<tr>
<td>I-IIIA</td>
<td>50</td>
<td>26</td>
<td>53</td>
<td>63</td>
<td>63</td>
<td>63.6</td>
<td>66.7</td>
<td>60.5</td>
<td>75.0**</td>
</tr>
<tr>
<td>IIIB</td>
<td>19</td>
<td>22</td>
<td>28</td>
<td>27</td>
<td>28</td>
<td>32.4</td>
<td>33.2</td>
<td>27.5</td>
<td>24.4**</td>
</tr>
<tr>
<td>IV</td>
<td>21</td>
<td>52</td>
<td>19</td>
<td>10</td>
<td>9</td>
<td>4.0</td>
<td>0.1</td>
<td>12.0</td>
<td>0.6</td>
</tr>
<tr>
<td>HSDG</td>
<td>74</td>
<td>54</td>
<td>86</td>
<td>90.8</td>
<td>90.7</td>
<td>91.4</td>
<td>98.6</td>
<td>85.3</td>
<td>99.6</td>
</tr>
</tbody>
</table>

As of 21 Feb 86

*Includes DEP

**AF I-IIIA/IIIB Split is Estimated
DISCIPLINE IN THE ARMY

(RATES PER 1000)

- Drug Use
- AWOL
- Property Crimes
- Violent Crime
TOTAL ARMY
MILITARY CAPABILITY IMPROVEMENTS

MAJOR COMBAT UNITS (DIVISIONS, SEPARATE BRIGADES, ARMORED CAVALRY REGIMENTS)

(FY80 = 100)
ARMY THRUSTS

- CONTINUE MODERNIZATION OF HEAVY FORCES...CLOSE BATTLE
- BETTER BALANCE...HEAVY-LIGHT...DEPLOYABILITY IS DETERRENCE
- OPERATIONAL DOCTRINE ... PUBLISHED
  - SEE DEEP: JOINT SURVEILLANCE AND TARGET ATTACK RADAR SYSTEM (JSTARS)
  - INTEL FUSION: ALL SOURCE ANALYSIS SYSTEM (ASAS) ENEMY SITUATION CORRELATION ELEMENT (ENSCE)
  - STRIKE: TACTICAL MISSILE SYSTEM (TACMS) JOINT TACTICAL MISSILE SYSTEM (JTACMS)
- CONTINUE MODERNIZATION OF RESERVE COMPONENT
- PROVIDE TOP QUALITY FORCES...AND TAKE CARE OF FAMILIES
- REVAMP OUR RELATIONSHIP WITH INDUSTRY