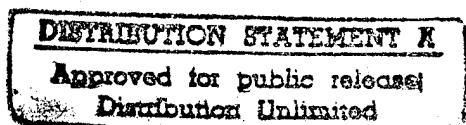


Research, Development, Test and Evaluation
Program (R-1), Department of Defense
Budget for Fiscal Year 1983

(U.S.) Department of Defense
Washington, DC

8 Feb 82



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Preface

The R.D.T.& E. Programs (R-1) exhibit is derived from and consistent with the DoD Five Year Defense Program R.D.T.& E. Annex data base. The R-1 is provided annually to the DoD oversight committees of the Congress coincident with the transmission by the President of the Budget of the United States Government. It is accompanied by an automated data base submission to the House Committee on Administration for input to the House Information System. An unclassified version is provided to OASD(PA) for use by non-DoD activities.

Office of the Assistant Secretary of Defense

Comptroller

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UNCLASSIFIED

DEPARTMENT OF DEFENSE
R D T & E PROGRAM
FY 1983

EXHIBIT R-1

DATE: 08 FEB 1982

SUMMARY

THOUSANDS OF DOLLARS

| | FY 1981 | FY 1982 | FY 1983 | FY 1984 |
|--|------------|------------|------------|------------|
| SUMMARY BY APPROPRIATION | | | | |
| RESEARCH DEVELOPMENT TEST + EVAL, ARMY | 3,124,274 | 3,609,535 | 4,484,000 | 5,284,734 |
| RESEARCH DEVELOPMENT TEST + EVAL, NAVY | 5,024,866 | 5,807,131 | 6,232,300 | 7,746,511 |
| RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE | 7,133,347 | 8,876,310 | 11,220,400 | 11,448,035 |
| RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES | 1,308,948 | 1,697,646 | 2,259,900 | 2,912,069 |
| DIRECTOR OF TEST + EVALUATION, DEFENSE | 42,100 | 53,000 | 60,000 | 63,702 |
| TOTAL RESEARCH, DEVELOPMENT, TEST & EVALUATION | 16,633,535 | 20,043,622 | 24,256,600 | 27,455,051 |
| SUMMARY RECAP OF RESEARCH CATEGORIES | | | | |
| RESEARCH | 614,816 | 694,644 | 828,093 | 927,847 |
| EXPLORATORY DEVELOPMENT | 1,985,285 | 2,212,464 | 2,508,843 | 2,879,765 |
| ADVANCED DEVELOPMENT | 2,806,278 | 3,475,946 | 4,689,386 | 6,826,501 |
| ENGINEERING DEVELOPMENT | 6,394,647 | 7,683,308 | 8,918,892 | 8,534,212 |
| MANAGEMENT AND SUPPORT | 1,735,852 | 2,008,888 | 2,223,830 | 2,409,403 |
| RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6) | 13,536,878 | 16,075,250 | 19,169,044 | 21,577,728 |
| OPERATIONAL SYSTEMS DEVELOPMENT | 3,096,657 | 3,968,372 | 5,087,556 | 5,877,323 |
| TOTAL RESEARCH, DEVELOPMENT, TEST & EVALUATION | 16,633,535 | 20,043,622 | 24,256,600 | 27,455,051 |

DATE: 08 FEB 1982

SUMMARY

THOUSANDS OF DOLLARS

| | FY 1981 | FY 1982 | FY 1983 | FY 1984 |
|--|------------|------------|------------|------------|
| SUMMARY RECAP OF BUDGET ACTIVITIES | | | | |
| TECHNOLOGY BASE | 2,600,101 | 2,907,108 | 3,336,936 | 3,807,612 |
| ADVANCED TECHNOLOGY DEVELOPMENT | 593,333 | 735,448 | 951,748 | 1,261,054 |
| STRATEGIC PROGRAMS | 3,440,397 | 4,643,427 | 6,647,050 | 7,762,462 |
| TACTICAL PROGRAMS | 6,129,710 | 6,899,753 | 7,575,746 | 8,095,383 |
| INTELLIGENCE AND COMMUNICATIONS | 1,632,102 | 2,202,026 | 2,772,475 | 3,312,372 |
| DEFENSEWIDE MISSION SUPPORT | 2,237,892 | 2,655,860 | 2,972,645 | 3,216,168 |
| TOTAL RESEARCH, DEVELOPMENT, TEST & EVALUATION | 16,633,535 | 20,043,622 | 24,256,600 | 27,455,051 |
| SUMMARY RECAP OF FYDP PROGRAMS | | | | |
| STRATEGIC FORCES | 682,723 | 713,179 | 853,817 | 882,106 |
| GENERAL PURPOSE FORCES | 712,870 | 848,120 | 1,250,140 | 1,386,915 |
| INTELLIGENCE AND COMMUNICATIONS | 1,660,858 | 2,362,035 | 2,953,312 | 3,579,502 |
| AIRLIFTSEALIFT | 26,935 | 30,485 | 12,604 | 7,310 |
| RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6) | 13,536,878 | 16,075,250 | 19,169,044 | 21,577,728 |
| CENTRAL SUPPLY AND MAINTENANCE | 10,337 | 10,958 | 13,738 | 17,350 |
| TRAINING MEDICAL AND OTHER | 615 | 1,000 | 1,157 | 1,378 |
| SUPPORT OF OTHER NATIONS | 2,319 | 2,595 | 2,788 | 2,762 |
| TOTAL RESEARCH, DEVELOPMENT, TEST & EVALUATION | 16,633,535 | 20,043,622 | 24,256,600 | 27,455,051 |

PAGE III

UNCLASSIFIED

ARMY

UNCLASSIFIED

DEPARTMENT OF THE ARMY
 FY 1983 R D T & E PROGRAM

EXHIBIT R-1

DATE: 08 FEB 1982

SUMMARY

THOUSANDS OF DOLLARS

| | FY 1981 | FY 1982 | FY 1983 | FY 1984 |
|---|------------------|------------------|------------------|------------------|
| SUMMARY RECAP OF RESEARCH CATEGORIES | | | | |
| RESEARCH | 144,372 | 178,116 | 221,823 | 242,709 |
| EXPLORATORY DEVELOPMENT | 364,718 | 408,564 | 477,878 | 576,202 |
| ADVANCED DEVELOPMENT | 674,278 | 940,658 | 1,667,165 | 2,137,403 |
| ENGINEERING DEVELOPMENT | 1,230,593 | 1,160,016 | 1,039,866 | 1,120,078 |
| MANAGEMENT AND SUPPORT | 535,831 | 682,813 | 789,389 | 869,511 |
| RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6) | 2,949,792 | 3,370,167 | 4,196,121 | 4,945,903 |
| OPERATIONAL SYSTEMS DEVELOPMENT | 174,482 | 239,368 | 287,879 | 338,831 |
| TOTAL RESEARCH DEVELOPMENT TEST + EVAL, ARMY | 3,124,274 | 3,609,535 | 4,484,000 | 5,284,734 |
| SUMMARY RECAP OF BUDGET ACTIVITIES | | | | |
| TECHNOLOGY BASE | 509,090 | 586,680 | 699,701 | 818,911 |
| ADVANCED TECHNOLOGY DEVELOPMENT | 159,401 | 210,652 | 314,528 | 486,841 |
| STRATEGIC PROGRAMS | 266,632 | 462,109 | 919,001 | 869,305 |
| TACTICAL PROGRAMS | 1,568,778 | 1,572,970 | 1,678,959 | 2,108,900 |
| INTELLIGENCE AND COMMUNICATIONS | 42,395 | 47,157 | 73,056 | 109,311 |
| DEFENSEWIDE MISSION SUPPORT | 577,978 | 729,967 | 798,755 | 891,466 |
| TOTAL RESEARCH DEVELOPMENT TEST + EVAL, ARMY | 3,124,274 | 3,609,535 | 4,484,000 | 5,284,734 |
| SUMMARY RECAP OF FYDP PROGRAMS | | | | |
| STRATEGIC FORCES | 3,200 | 19,252 | 48,447 | 58,376 |
| GENERAL PURPOSE FORCES | 132,060 | 159,316 | 184,983 | 195,935 |
| INTELLIGENCE AND COMMUNICATIONS | 39,222 | 60,800 | 54,449 | 84,520 |
| RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6) | 2,949,792 | 3,370,167 | 4,196,121 | 4,945,903 |
| TOTAL RESEARCH DEVELOPMENT TEST + EVAL, ARMY | 3,124,274 | 3,609,535 | 4,484,000 | 5,284,734 |

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DEPARTMENT OF THE ARMY
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

DATE: 08 FEB 1982

| PROGRAM ELEMENT NO | ITEM NOMENCLATURE | ACT | THOUSANDS OF DOLLARS | | | | | S E C |
|--------------------------|---|-----|----------------------|---------|---------|---------|---------|-------------|
| | | | FY 1981 | FY 1982 | FY 1983 | FY 1984 | FY 1985 | |
| 1 | 61101A IN-HOUSE LAB INDEPENDENT RESEARCH | 1 | 19,476 | 21,506 | 21,902 | 24,611 | U | |
| 2 | 61102A DEFENSE RESEARCH SCIENCES | 1 | 124,896 | 156,610 | 199,921 | 218,098 | U | |
| 3 | 62105A MATERIALS | 1 | 11,719 | 10,450 | 9,615 | 11,551 | U | |
| 4 | 62111A ATMOSPHERIC INVESTIGATIONS | 1 | 6,208 | 5,534 | 5,045 | 6,995 | U | |
| 5 | 62120A FUZE/NUCLEAR WPNS EFFECTS/FLUIDICS | 1 | 5,783 | 5,225 | 6,532 | 11,381 | U | |
| 6 | 62201A AIRCRAFT WEAPONS TECHNOLOGY | 1 | 1,666 | 2,094 | 2,492 | 3,303 | U | |
| 7 | 62202A AIRCRAFT AVIONICS TECHNOLOGY | 1 | 5,475 | 5,967 | 8,389 | 9,404 | U | |
| 8 | 62209A AERONAUTICAL TECHNOLOGY | 1 | 18,208 | 18,044 | 24,349 | 27,642 | U | |
| 9 | 62210A AIRDROP TECHNOLOGY | 1 | 1,188 | 1,540 | 1,688 | 2,144 | U | |
| 10 | 62303A MISSILE TECHNOLOGY | 1 | 25,922 | 30,041 | 37,651 | 37,575 | U | |
| 11 | 62307A HIGH ENERGY LASER TECHNOLOGY | 1 | 18,759 | 22,926 | 31,327 | 34,096 | U | |
| 12 | 62601A TANK AND AUTOMOTIVE TECHNOLOGY | 1 | 11,441 | 14,648 | 19,925 | 26,500 | U | |
| 13 | 62603A LARGE CAL AND NUCLEAR TECHNOLOGY | 1 | 26,521 | 19,750 | | | | |
| 14 | 62617A SMALL CAL AND FIRE CNTRL TECHNOLOGY | 1 | 12,117 | 11,470 | 9,902 | 12,216 | U | |
| 15 | 62618A BALLISTICS TECHNOLOGY | 1 | 19,606 | 21,841 | 21,637 | 25,234 | U | |
| 16 | 62622A CHEMICAL MUNITIONS/CHEMICAL CMBT SPT | 1 | 7,279 | 18,468 | 14,829 | 16,810 | U | |
| 17 | 62623A JOINT SERVICE SMALL ARMS PROGRAM (JSSAP) | 1 | | | 3,706 | 2,113 | U | |
| 18 | 62701A COMMUNICATIONS TECH | 1 | 8,067 | 7,545 | 9,719 | 8,931 | U | |
| 19 | 62703A CMBT SURV TARGET ACQ/ID | 1 | 5,097 | 2,214 | 2,918 | 4,883 | U | |
| 20 | 62704A MIL ENVIRONMENTAL CRITERIA DEV | 1 | 2,319 | 2,755 | 2,584 | 3,378 | U | |
| 21 | 62705A ELECTRICAL AND ELECTRONIC DEVICES | 1 | 15,135 | 15,275 | 17,725 | 18,613 | U | |

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DEPARTMENT OF THE ARMY
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C |
|--------------------------|---|-----|---------|---------|---------|-----------|
| 22 | 62706A CHEM BIOLOGICAL DEF/GEN INVEST | 1 | 13,169 | 22,899 | 29,589 | 48,316 U |
| 23 | 62707A MAPPING - GEODESY | 1 | 5,020 | 5,750 | 6,830 | 8,962 U |
| 24 | 62709A NIGHT VISION INVESTIGATIONS | 1 | 12,673 | 13,154 | 14,101 | 13,934 U |
| 25 | 62715A TACTICAL ELECTRONIC WARFARE TECHNOLOGY | 1 | 8,554 | 9,707 | | |
| 26 | 62716A HUMAN FACTORS ENGR IN SYS DEV | 1 | 7,005 | 8,547 | 9,173 | 11,409 U |
| 27 | 62717A HUMAN PERFORMANCE EFFECT/SIMULATION | 1 | 3,196 | 3,373 | 3,581 | 4,369 U |
| 28 | 62718A MOBILITY AND WEAPONS EFFECTS TECH | 1 | 5,251 | 6,266 | 8,410 | 9,402 U |
| 29 | 62720A ENVIRONMENTAL QUALITY TECH | 1 | 6,437 | 7,483 | 8,706 | 9,527 U |
| 30 | 62722A MANPOWER/PERSONNEL/TRAINING | 1 | 6,203 | 5,922 | 7,370 | 8,510 U |
| 31 | 62723A CLOTHING EQUIP AND SHELTER TECH | 1 | 5,371 | 5,574 | 6,970 | 7,251 U |
| 32 | 62724A JT SVC FOOD SYS TECH | 1 | 6,552 | 5,556 | 5,595 | 7,012 U |
| 33 | 62725A COMPUTER AND INFORMATION SCIENCE | 1 | 2,058 | 1,794 | 1,966 | 2,181 U |
| 34 | 62727A NON-SYSTEM TRAINING DEVICES | 1 | 2,691 | 2,657 | 2,900 | 4,709 U |
| 35 | 62730A COLD REGIONS ENGINEERING TECHNOLOGY | 1 | 4,262 | 5,443 | 6,660 | 6,966 U |
| 36 | 62731A MILITARY FACILITIES ENGINEERING TECHNOLOGY | 1 | 3,735 | 3,397 | 4,250 | 4,422 U |
| 37 | 62732A RPV SUPPORTING TECHNOLOGY | 1 | 1,456 | | 1,588 | 3,447 U |
| 38 | 62733A MOBILITY EQUIPMENT TECHNOLOGY | 1 | 10,007 | 10,164 | 11,278 | 12,717 U |
| 39 | 62734A MED DEFENSE AGAINST CHEM AGENTS | 1 | 5,260 | 25,785 | 26,865 | 37,123 U |
| 40 | 62746A TACTICAL ADP TECH | 1 | 7,024 | 8,029 | 7,076 | 6,003 U |
| 41 | 62770A MILITARY DISEASE HAZARDS. TECH | 1 | 16,194 | 17,115 | 24,979 | 29,805 U |
| 42 | 62772A COMBAT CASUALTY CARE TECH | 1 | 15,495 | 6,749 | 6,682 | 8,486 U |

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DEPARTMENT OF THE ARMY
FY 1963 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

DATE: 08 FEB 1962

THOUSANDS OF DOLLARS

| PROGRAM ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1961 | FY 1962 | FY 1963 | FY 1964 |
|--------------------------|---|-----|---------|---------|---------|----------|
| 43 | 62775A COMBAT MAXILLOFACIAL INJURY | 1 | 615 | 1,473 | 2,619 | 3,044 U |
| 44 | 62777A SYSTEMS HEALTH HAZARD PREVENT TECH | 1 | 12,545 | 13,963 | 18,066 | 21,385 U |
| 45 | 62781A ENERGY TECH APPL FOR MILITARY FACIL TECHNOLOGY BASE | 1 | 1,435 | 1,977 | 1,891 | 2,102 U |
| | | | 509,090 | 586,680 | 699,701 | 818,911 |
| 46 | 63102A MATERIALS SCALE-UP | 2 | 4,056 | 3,986 | 7,478 | 16,061 U |
| 47 | 63104A FUELS AND LUBRICANTS | 2 | 695 | 1,304 | 1,871 | 3,878 U |
| 48 | 63201A AIRCRAFT POWER PLANTS AND PROPULSION | 2 | 3,868 | 2,963 | 8,660 | 33,504 U |
| 49 | 63206A AIRCRAFT WEAPONS | 2 | 1,941 | 497 | 5,581 | 16,253 U |
| 50 | 63207A AIRCRAFT AVIONICS EQUIPMENT | 2 | 3,695 | 2,312 | 4,494 | 6,868 U |
| 51 | 63209A AIR MOBILITY SUPPORT | 2 | 247 | 1,809 | 3,784 | 7,464 U |
| 52 | 63211A ROTARY WING CONTROLS/ROTORS/STRUCTURES | 2 | 12,306 | 28,438 | 33,809 | 45,459 U |
| 53 | 63216A SYNTHETIC FLIGHT SIMULATORS DEVELOPMENT | 2 | 3,926 | 5,980 | 3,522 | 8,278 U |
| 54 | 63218A AIRDROP EQUIP AND TECHNIQUES | 2 | 1,775 | 2,695 | 1,688 | 2,084 U |
| 55 | 63220A LIGHT HELIC ADVAN TECH DEMONSTRATION | 2 | | | 944 | 14,060 U |
| 56 | 63221A NOE AVIATION AND NAVIGATION EQUIPMENT | 2 | | 2,336 | 1,899 | 8,932 U |
| 57 | 63306A TERMINALLY GUIDED PROJECTILES | 2 | 10,774 | 1,997 | 6,814 | 23,610 U |
| 58 | 63313A MSL/ROCKET COMPONENTS | 2 | 4,229 | 311 | 9,181 | 14,024 U |
| 59 | 63314A HI-ENERGY LASER COMPONENTS | 2 | | | 33,116 | 42,581 U |
| 60 | 63324A HIGH TECHNOLOGY TEST BED | 2 | | | 10,711 | 8,261 U |
| 61 | 63602A ADVANCED LAND MOB SYSTEMS CONCEPTS | 2 | 34,008 | 9,217 | 7,767 | 30,865 U |
| 62 | 63606A LANDMINE WARFARE/BARRIER DEV | 2 | 4,345 | 10,768 | 9,324 | 11,335 U |

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DEPARTMENT OF THE ARMY
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM ELEMENT NO NUMBER | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C |
|---------------------------------|---|-----|---------|---------|---------|-----------|
| 63 | 63607A JOINT SERVICE SMALL ARMS PROGRAM (JSSAP) | 2 | 1,999 | 5,487 | 3,466 | 3,934 U |
| 64 | 63621A COMBAT VEHICLE PROPULSION SYS | 2 | 4,475 | 12,897 | 12,918 | 17,622 U |
| 65 | 63631A CMBT VEH TURRET AND CHASSIS SUBSYS | 2 | 3,225 | 7,854 | 11,146 | 12,935 U |
| 66 | 63636A COMBAT VEHICLE ARMOR/ANTI-ARMOR | 2 | | | 10,888 | 11,233 U |
| 67 | 63702A ELECTRIC POWER SOURCES | 2 | 3,052 | 5,072 | | U |
| 68 | 63710A NIGHT VISION ADVANCED DEVELOPMENT | 2 | 17,896 | 35,617 | 30,224 | 34,816 U |
| 69 | 63725A REMOTELY PILOTED VEHICLES/DRONES | 2 | 5,125 | 4,508 | 4,166 | 6,600 U |
| 70 | 63731A MANPOWER AND PERSONNEL | 2 | 3,359 | 4,103 | 9,747 | 12,077 U |
| 71 | 63732A COMBAT MEDICAL MATERIAL | 2 | 132 | 190 | | U |
| 72 | 63734A COMBAT ENGINEERING SYSTEMS | 2 | | 269 | 2,730 | 2,127 U |
| 73 | 63737A ANTI-RADIATION MSL COUNTER MEASURES | 2 | | | | |
| 74 | 63739A HUMAN FACTORS IN TNG/OPER EFFECT | 2 | 1,948 | 3,111 | 3,755 | 6,496 U |
| 75 | 63742A ADV ELECTRONIC DEVICES DEV | 2 | | 2,233 | 4,006 | 4,902 U |
| 76 | 63743A EDUCATION AND TRAINING | 2 | 7,807 | 9,361 | 9,764 | 9,820 U |
| 77 | 63744A TRAINING SIMULATION | 2 | 1,530 | 2,212 | 2,790 | 3,152 U |
| 78 | 63747A SOLDIER SUPPORT/SURVIVABILITY | 2 | 3,842 | 3,134 | | U |
| 79 | 63748A ADV DEV OF AUTOMATIC TEST EQ/SYS | 2 | 8,392 | 9,619 | 11,335 | 11,519 U |
| 80 | 63749A TECHNICAL VULNERABILITY REDUCTION | 2 | 5,968 | 12,899 | 10,198 | 10,234 U |
| 81 | 63750A DRUG AND VACCINE DEVELOPMENT | 2 | 4,786 | 5,073 | | U |
| 82 | 63751A MEDICAL DEFENSE AGAINST CHEM WARFARE | 2 | | 2,933 | | U |
| 83 | 63752A DEMILITARIZATION CONCEPTS | 2 | | 9,467 | 12,766 | 13,768 U |

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DEPARTMENT OF THE ARMY
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 | C |
|----------------------------------|---|-----|---------|---------|---------|---------|---|
| 84 | 63761A ELEC WRFR VULN/SUSCEP TECH SUPPORT | 2 | | | | | |
| 85 | 63762A ELECTRONIC WARFARE FEASIBILITY DEVELOPMENT | 2 | | 4,995 | | 8,138 | U |
| 86 | 63763A INDUSTRIAL BASE BIO WRFR VACCINES/DRUGS | 2 | | 4,951 | | 5,354 | U |
| 87 | 63765A NONTACTICAL ADP TECHNOLOGY | 2 | | | 495 | 492 | U |
| | ADVANCED TECHNOLOGY DEVELOPMENT | | 159,401 | 210,652 | 314,528 | 486,841 | |
| 88 | 63304A BMD ADVANCED TECHNOLOGY | 3 | 123,222 | 126,494 | 143,243 | 151,464 | U |
| 89 | 63308A BALLISTIC MSL DEF SYS TECH | 3 | 143,410 | 335,615 | 727,311 | 659,465 | U |
| 90 | 12814A SPECIAL PROGRAM | 3 | | | | | |
| 91 | 12817A MOBILE COMMAND CENTERS | 3 | | | 4,961 | 49,249 | U |
| 92 | 12821A CLASSIFIED PROGRAM | 3 | | | | | |
| | STRATEGIC PROGRAMS | | 266,632 | 462,109 | 919,001 | 869,305 | |
| 93 | 63215A JOINT SURVIVABILITY INVESTIGATIONS | 4 | 645 | 930 | 1,103 | 1,117 | U |
| 94 | 63222A SPECIAL ELECTRONIC MISSION AIRCRAFT-X | 4 | | | 498 | 14,259 | U |
| 95 | 63302A HIGH-TO-MEDIUM AIR DEFENSE DEV | 4 | | | 27,172 | 34,548 | U |
| 96 | 63303A SURF-TO-SURF MSL ROCKET SYS | 4 | 281 | 2,989 | 16,407 | 31,224 | U |
| 97 | 63307A SHORT RANGE AIR DEF SELF PROT WPN | 4 | 1 | | | | U |
| 98 | 63316A ADVANCED ROCKET CONTROL SYSTEM | 4 | 21,178 | | 27,869 | 53,992 | U |
| 99 | 63320A CORPS SUPPORT WEAPON SYSTEM | 4 | 14,294 | 10,727 | 6,103 | 22,465 | U |
| 100 | 63323A LIGHT WEIGHT AIR DEFENSE SYSTEM | 4 | | | 3,466 | 14,751 | U |
| 101 | 63604A NUCLEAR MUNITIONS AND RADIACS | 4 | 1,891 | 3,568 | | | |

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UNCLASSIFIED

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DEPARTMENT OF THE ARMY
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO NUMBER | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C | |
|---|---|-----|---------|---------|---------|-----------|----------|
| 102 | 63608A WEAPONS AND AMMUNITION (H) | 4 | 1,999 | | | | U |
| 103 | 63612A RATTLER | 4 | 16,006 | | 17,900 | | 31,269 U |
| 104 | 63615A LETHAL CHEMICAL MUNITIONS CONCEPTS | 4 | 870 | 8,157 | 13,733 | | 20,377 U |
| 105 | 63619A LANDMINE/BARRIER SYS | 4 | 2,830 | 6,050 | 4,595 | | 19,932 U |
| 106 | 63627A COMBAT SUPPORT MUNITIONS | 4 | 3,384 | 3,149 | 2,700 | | 13,700 U |
| 107 | 63628A FIELD ARTILLERY AMMO DEV | 4 | 11,905 | 24,647 | 23,951 | | 32,623 U |
| 108 | 63629A DIVISION SUPPORT WEAPONS SYSTEM | 4 | 5,696 | 2,032 | 8,941 | | 79,127 U |
| 109 | 63632A ARMORED CMBT LOG SPT VEHICLE FAMILY | 4 | 4,188 | 101 | | | 6,350 U |
| 110 | 63633A TANK AND MORTAR AMMUNITION DEVELOPMENT | 4 | | | 9,053 | | 12,680 U |
| 111 | 63635A MOBILE PROTECTED GUN | 4 | | 7,955 | 37,354 | | 48,156 U |
| 112 | 63702A ELECTRIC POWER SOURCES | 4 | | | 2,998 | | 5,197 U |
| 113 | 63705A PHYSICAL SECURITY | 4 | 2,269 | 3,813 | 5,452 | | 6,897 U |
| 114 | 63706A IDENTIFICATION-FRIEND OR FOE DEV | 4 | 2,902 | 9,469 | 6,146 | | 11,020 U |
| 115 | 63707A COMMUNICATIONS DEVELOPMENT | 4 | 21,668 | 6,318 | | | |
| 116 | 63711A AIRCRAFT SURVIVABILITY EQUIPMENT | 4 | 3,582 | 12,162 | 3,563 | | 25,516 U |
| 117 | 63713A ADDS-ARMY DATA DISTRIBUTION SYSTEM | 4 | | 18,664 | 32,886 | | 19,657 U |
| 118 | 63718A EW VULN/SUSC | 4 | | | 25,164 | | 32,199 U |
| 119 | 63719A SPECIAL PURPOSE DETECTORS | 4 | | | | | 5,565 U |
| 120 | 63721A CHEMICAL DEFENSE MATERIEL CONCEPTS | 4 | 17,393 | 20,026 | 26,542 | | 28,799 U |
| 121 | 63723A COMMAND AND CONTROL | 4 | 13,880 | 20,939 | 22,133 | | 41,232 U |
| 122 | 63726A COMBAT SUPPORT EQUIPMENT | 4 | 5,736 | 6,707 | 8,113 | | 13,781 U |

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DEPARTMENT OF THE ARMY
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

DATE: 06 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO NUMBER | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C |
|--------------------------------------|--|-----|---------|---------|---------|-----------|
| 123 | 63730A TACTICAL SURVEILLANCE SYSTEM | 4 | 10,282 | 14,984 | | |
| 124 | 63732A COMBAT MEDICAL MATERIAL | 4 | | | 224 | 260 U |
| 125 | 63737A ANTI-RADIATION MSL COUNTER MEASURES | 4 | 4,343 | 5,305 | | U |
| 126 | 63740A DIV AIR DEFENSE COMD/CNTRL | 4 | 12,029 | 9,171 | 4,399 | 8,344 U |
| 127 | 63741A METEOROLOGIC EQUIPMENT DEVELOPMENT | 4 | | | | 2,821 U |
| 128 | 63745A TAC ELECTRONIC SPT MEASURE SYS | 4 | 14,575 | 13,911 | | U |
| 129 | 63746A SINGLE CHANNEL GRD/ABN RADIO SUB-SYS | 4 | 25,088 | 13,682 | 17,862 | U |
| 130 | 63747A SOLDIER SUPPORT/SURVIVABILITY | 4 | | | 2,251 | 5,855 U |
| 131 | 63750A DRUG AND VACCINE DEVELOPMENT | 4 | | | 8,796 | 12,957 U |
| 132 | 63751A MEDICAL DEFENSE AGAINST CHEM WARFARE | 4 | | | 2,924 | 39,632 U |
| 133 | 63753A BATTLEFIELD DATA SYSTEMS | 4 | | | 1,891 | 5,429 U |
| 134 | 63755A TAC ELEC C/M SYS | 4 | 9,901 | 17,793 | | |
| 135 | 63764A MEDICAL CHEM DEFENSE LIFE SUPPORT MAT | 4 | | | 36,189 | 30,430 U |
| 136 | 63766A TACTICAL ELECTRONIC SURVEILLANCE SYS | 4 | | | | |
| 137 | 64202A AIRCRAFT WEAPONS | 4 | 6,571 | 3,495 | 686 | 576 U |
| 138 | 64204A AIR MOBILITY SUPPORT EQUIPMENT | 4 | 508 | 2,308 | 2,245 | 6,357 U |
| 139 | 64206A UH-60A BLACKHAWK | 4 | | 6,140 | 6,708 | 13,450 U |
| 140 | 64207A ADVANCED ATTACK HELICOPTER | 4 | 172,941 | 91,874 | 33,725 | 39,448 U |
| 141 | 64212A COBRA TOW | 4 | 2,487 | 19,616 | 12,245 | 4,419 U |
| 142 | 64213A CH-47 MODERNIZATION | 4 | 570 | | | U |
| 143 | 64216A AIRCRAFT PROPULSION SYSTEMS | 4 | | | 1,007 | 4,317 U |

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FY 1983 R D T & E PROGRAM

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APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 |
|--------------------------|---|-----|---------|---------|---------|----------|
| 144 | 64217A SYNTHETIC FLIGHT TRAINING SYSTEMS | 4 | 560 | 3,063 | 30,951 | 21,053 U |
| 145 | 64218A AIRDROP EQUIP DEVELOPMENT | 4 | 1,008 | 2,918 | 3,136 | 4,144 U |
| 146 | 64220A ARMY HELICOPTER IMPROVEMENT PROG | 4 | 25,657 | 38,497 | 75,811 | 55,666 U |
| 147 | 64221A SURVEILLANCE SYSTEM | 4 | | 3,910 | 12,868 | 11,241 U |
| 148 | 64222A JOINT SERVICE ROTARY WING AIRCRAFT DEVEL | 4 | | | 49,765 | 77,290 U |
| 149 | 64266A AIRCRAFT COMPONENT IMPROVEMENT PROGRAM | 4 | | | 10,996 | 17,635 U |
| 150 | 64306A STINGER | 4 | 5,657 | 16,121 | | U |
| 151 | 64307A PATRIOT (SAM-D) | 4 | 75,362 | 57,812 | 47,076 | 86,076 U |
| 152 | 64309A ROLAND | 4 | 12,613 | | | U |
| 153 | 64310A HELIBORNE MISSILE-HELLFIRE | 4 | 51,515 | 24,225 | 19,327 | 285 U |
| 154 | 64311A PERSHING II | 4 | 149,377 | 150,580 | 111,301 | 23,598 U |
| 155 | 64313A GRASS BLADE | 4 | 43,713 | 29,826 | 17,117 | 9,546 U |
| 156 | 64314A MULTIPLE LAUNCH ROCKET SYS | 4 | 69,925 | 38,172 | 23,215 | U |
| 157 | 64316A FIRE AND FORGET HELLFIRE | 4 | 4,766 | | | U |
| 158 | 64318A DIVISION AIR DEFENSE GUN | 4 | 65,203 | 29,949 | 10,918 | U |
| 159 | 64321A JOINT TACTICAL FUSION PROGRAM | 4 | | 30,417 | | U |
| 160 | 64601A INFANTRY SUPPORT WEAPONS | 4 | 4,853 | 11,707 | 5,601 | 4,670 U |
| 161 | 64603A NUCLEAR MUNITIONS | 4 | 13,163 | 33,920 | | U |
| 162 | 64608A ARMY SMALL ARMS PROGRAM | 4 | 748 | 393 | | U |
| 163 | 64609A COMBAT SUPPORT SYSTEMS | 4 | 707 | 3,037 | 2,640 | 4,431 U |
| 164 | 64610A LETHAL CHEMICAL MUNITIONS | 4 | 75 | 2,169 | | 3,616 U |

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DEPARTMENT OF THE ARMY
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

DATE: 08 FEB 1982

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

THOUSANDS OF DOLLARS

| PROGRAM ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C |
|--------------------------|---|-----|---------|---------|---------|-----------|
| 165 | 64612A COUNTERMINE AND BARRIERS | 4 | 1,999 | 2,974 | 6,192 | 7,677 U |
| 166 | 64614A FLD ARTY WPNS/AMMO (155MM) (H) | 4 | 341 | | | U |
| 167 | 64616A FIGHTING VEHICLE SYS | 4 | 41,651 | 103,393 | 50,488 | 33,512 U |
| 168 | 64619A LANDMINE WARFARE | 4 | 11,133 | 4,943 | 9,701 | 7,459 U |
| 169 | 64620A TANK SYSTEMS | 4 | 51,540 | 28,407 | 11,961 | U |
| 170 | 64621A COPPERHEAD | 4 | 6,026 | 3,294 | 2,075 | U |
| 171 | 64623A VIPER (H) | 4 | 7,774 | | | U |
| 172 | 64624A HIGH MOBILITY MULTI-PURPOSE VEHICLE | 4 | 4,670 | 3,013 | 2,743 | U |
| 173 | 64626A FIRE INTEGRATION SPT TEAM VEH | 4 | 8,432 | 9,600 | 6,926 | U |
| 174 | 64628A INDIRECT FIRE TRAINING MUNITIONS | 4 | | 1,337 | | 1,445 U |
| 175 | 64630A TANK GUN COOPERATIVE DEVELOPMENT | 4 | 61,473 | 82,724 | 54,342 | 61,252 U |
| 176 | 64631A FLD ARTY AMMUNITION | 4 | 2,243 | 1,460 | 2,573 | 15,824 U |
| 177 | 64632A 105MM TANK AMMUNITION | 4 | 5,005 | 5,195 | 1,059 | 7,938 U |
| 178 | 64701A COMM ENGINEERING DEV | 4 | 5,909 | 8,865 | 11,705 | 14,004 U |
| 179 | 64702A JOINT TACTICAL INFO DISTRIBUTION SYSTEMS | 4 | | 15,854 | 14,556 | 12,472 U |
| 180 | 64704A UNATTENDED GROUND SENSORS | 4 | 3,955 | 6,927 | 4,135 | U |
| 181 | 64705A MODULAR INTEGRATED COMM AND NAVIGATION SYS | 4 | | 17,589 | 14,754 | 7,637 U |
| 182 | 64706A RADIOLOGICAL DEFENSE EQUIPMENT | 4 | 318 | 308 | 838 | 968 U |
| 183 | 64709A IDENTIFICATION-FRIEND OR FOE EQ | 4 | 1,410 | 2,418 | 2,660 | 4,793 U |
| 184 | 64710A NIGHT VISION DEVICES | 4 | 4,359 | 5,326 | 4,931 | 5,777 U |
| 185 | 64711A AIRCRAFT SURVIVABILITY EQUIPMENT | 4 | 12,942 | 14,406 | 20,335 | 17,019 U |

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EXHIBIT R-1

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO NUMBER | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C |
|---|---|-----|---------|---------|---------|-----------|
| 186 | 64712A TACTICAL C3 SYSTEMS ENGINEERING | 4 | 9,578 | 8,110 | 14,900 | 23,021 U |
| 187 | 64713A COMBAT FEEDING, CLOTHING AND EQUIPMENT | 4 | 1,951 | 2,531 | 2,574 | 5,276 U |
| 188 | 64714A TACTICAL ELECTRICAL POWER SOURCES | 4 | 3,061 | 1,533 | 1,805 | 5,962 U |
| 189 | 64717A GENERAL COMBAT SUPPORT | 4 | 8,748 | 8,001 | 5,967 | 11,600 U |
| 190 | 64718A PHYSICAL SECURITY | 4 | 6,147 | 5,761 | 5,099 | 6,157 U |
| 191 | 64722A EDUCATION AND TRAINING | 4 | | | 995 | 4,723 U |
| 192 | 64723A SPECIAL PURPOSE DETECTORS | 4 | 746 | | | U |
| 193 | 64724A BIOLOGICAL DEFENSE MATERIEL | 4 | 2,047 | 1,034 | 391 | U |
| 194 | 64725A CHEMICAL DEFENSE MATERIEL | 4 | 17,423 | 37,696 | 26,017 | 45,288 U |
| 195 | 64727A COMMAND AND CONTROL | 4 | 19,564 | 14,965 | 13,650 | 26,486 U |
| 196 | 64730A REMOTELY PILOTED VEHICLES | 4 | 56,669 | 73,094 | 77,949 | 110,138 U |
| 197 | 64740A TACTICAL SURVEILLANCE SYSTEM | 4 | 2,466 | 4,696 | | |
| 198 | 64745A TAC ELECTRONIC SPT MEASURE SYS | 4 | 29,007 | 7,780 | | U |
| 199 | 64746A AUTOMATIC TEST SUPPORT SYSTEMS | 4 | | 4,983 | 2,940 | 6,812 U |
| 200 | 64748A STANDOFF TARGET ACQUISITION SYSTEM | 4 | 57,486 | | | U |
| 201 | 64750A TAC ELEC C/M SYS | 4 | 5,250 | 5,621 | | |
| 202 | 64751A SINGLE CHANNEL GRD/ABN RADIO SUB ENG | 4 | | | | 16,672 U |
| 203 | 64753A BATTLEFIELD DATA SYSTEMS | 4 | | | 27,868 | 43,333 U |
| 204 | 64757A MEDICAL CHEMICAL DEFENSE LIFE SPT MAT | 4 | | | | 4,935 U |
| 205 | 64758A DRUG AND VACCINE DEVELOPMENT | 4 | | | | 4,935 U |
| 206 | 64766A TACTICAL ELECTRONIC SURVEILLANCE SYS | 4 | | | | |

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DEPARTMENT OF THE ARMY
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

DATE: 08 FEB 1982

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO NUMBER | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C |
|---|--|-----|-----------|-----------|-----------|-----------|
| 207 | 64779A JT INTEROPERABILITY TAC COMD/CNTRL | 4 | 23,176 | 29,465 | 30,066 | 48,038 U |
| 208 | 65710A JOINT CB CONTACT POINT AND TEST | 4 | 729 | 1,413 | 1,451 | 2,218 U |
| 209 | 23724A HV ANTI-TANK ASSAULT WPN SYS (TOW) | 4 | 22,731 | 6,569 | 1,981 | 1,967 U |
| 210 | 23726A ADV FIELD ARTY TAC DATA SYS | 4 | 2,129 | 5,958 | 7,224 | 28,446 U |
| 211 | 23730A CHAPARRAL | 4 | 22,908 | 19,616 | 26,381 | 24,518 U |
| 212 | 23731A SAM HAWK/HAWK IMP PRG | 4 | 9,481 | 39,435 | 37,971 | 27,125 U |
| 213 | 23733A LANCE (NNL) WARHEAD (H) | 4 | 707 | | | U |
| 214 | 23735A COMBAT VEHICLE IMPROVE PRG | 4 | 20,322 | 29,395 | 46,785 | 49,637 U |
| 215 | 23739A AN/TSQ-73 MODIFICATIONS | 4 | 1,330 | 532 | 1,025 | U |
| 216 | 23740A MANEUVER CONTRL SYSTEM (MCS) | 4 | 7,877 | 14,825 | 14,947 | 9,858 U |
| 217 | 23741A PRD IMPR VULCAN AIR DEF SYS | 4 | 9,491 | | | U |
| 218 | 23742A COMMUNICATIONS SYSTEM ENGINEERING PROGRAM | 4 | | | 1,485 | 1,869 U |
| 219 | 28010A JT TACTICAL COMM PRG | 4 | 35,084 | 42,986 | 47,184 | 52,515 U |
| 220 | 33142A SATCOM GROUND ENVIRONMENT | 4 | 23,562 | 41,524 | | U |
| 221 | 33145A EUCOM C3 SYSTEMS | 4 | 1,133 | 4,016 | 527 | 4,948 U |
| | TACTICAL PROGRAMS | | 1,568,778 | 1,572,970 | 1,678,959 | 2,108,900 |
| 222 | 63712A MAPPING AND GEODESY | 5 | 1,999 | 1,042 | 3,424 | 1,065 U |
| 223 | 64201A AIRCRAFT AVIONICS | 5 | 4,511 | 11,503 | 3,799 | 20,302 U |
| 224 | 64716A MAPPING AND GEODESY | 5 | 309 | 100 | | 3,599 U |

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EXHIBIT R-1

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C |
|--------------------------|--|-----|---------|---------|---------|-----------|
| 225 | 64776A NAVSTAR GLOBAL POS SYS (USER EQ) | 5 | 17,849 | | 11,911 | 4,773 U |
| 226 | 12814A SPECIAL PROGRAM | 5 | | | | |
| 227 | 31022A SCIENTIFIC AND TECH INTELLIGENCE (H) | 5 | | | | |
| 228 | 31307A FOREIGN SCIENCE AND TECHNOLOGY CENTER | 5 | | | | |
| 229 | 31327A TECHNICAL RECONN AND SURVEILLANCE | 5 | | | | |
| 230 | 33111A STRATEGIC ARMY COMMUNICATIONS | 5 | 684 | 788 | 812 | 954 U |
| 231 | 33126A LONG-HAUL COMMUNICATIONS (DCS) | 5 | 7,267 | 7,460 | 7,578 | 7,492 U |
| 232 | 33142A SATCOM GROUND ENVIRONMENT | 5 | | | 35,545 | 57,043 U |
| 233 | 33401A COMMUNICATIONS SECURITY | 5 | 6,118 | 6,946 | | |
| | INTELLIGENCE AND COMMUNICATIONS | | 42,395 | 47,157 | 73,056 | 109,311 |
| 234 | 63716A EW VULNERABILITY/SUSCEPTIBILITY | 6 | 17,429 | 22,226 | | |
| 235 | 63736A NON-SYSTEM TRAINING DEVICES | 6 | 1 | 1,380 | | 6,343 U |
| 236 | 64266A ACFT ENGINE COMPONENT IMPROVE PROG | 6 | 8,579 | 11,609 | | |
| 237 | 64715A NON-SYSTEM TNG DEVICES ENGR | 6 | 12,211 | 11,253 | 8,645 | 16,054 U |
| 238 | 64726A METEOROLOGICAL EQUIPMENT SYSTEMS | 6 | 4,656 | 2,099 | 2,172 | 1,776 U |
| 239 | 65102A TRADOC STUDIES AND ANALYSES | 6 | 1,400 | 1,543 | 3,287 | 3,429 U |
| 240 | 65201A AVIATION ENGINEERING FLIGHT ACTIVITY | 6 | 4,365 | 5,432 | 5,791 | 6,714 U |
| 241 | 65301A KWAJALEIN MISSILE RANGE | 6 | 125,475 | 139,351 | 152,140 | 151,601 U |
| 242 | 65702A SUPPORT OF DEVELOPMENT TESTING | 6 | 22,604 | 36,635 | 43,180 | 56,377 U |
| 243 | 65706A MATERIEL SYSTEMS ANALYSIS | 6 | 9,674 | 12,435 | 13,166 | 14,216 U |
| 244 | 65709A EXPLOITATION OF FOREIGN ITEMS | 6 | 1,480 | 1,953 | 2,021 | 2,737 U |

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DEPARTMENT OF THE ARMY
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C |
|----------------------------------|--|-----|-----------|-----------|-----------|-----------|
| 245 | 65712A SUPPORT OF OPERATIONAL TESTING | 6 | 36,119 | 42,584 | 50,106 | 60,283 U |
| 246 | 65715A DEFENSE SYSTEMS MANAGEMENT COLLEGE | 6 | 1,144 | 203 | 202 | 201 U |
| 247 | 65801A PROGRAM-WIDE ACTIVITIES | 6 | 51,693 | 63,591 | 70,101 | 72,037 U |
| 248 | 65802A INTL COOPERATIVE RESEARCH AND DEV | 6 | 645 | 980 | 1,041 | 1,093 U |
| 249 | 65803A TECHNICAL INFO ACTIVITIES | 6 | 3,588 | 4,628 | 5,249 | 6,179 U |
| 250 | 65804A DARCOM MAJOR RANGE/TEST FACIL | 6 | 239,981 | 278,874 | 300,671 | 337,847 U |
| 251 | 65805A MUNITIONS-STANDARDIZATION EFFECT AND SAFETY | 6 | 5,776 | 7,083 | 8,047 | 10,734 U |
| 252 | 65806A DOD HIGH ENERGY LASER SYSTEMS TEST FAC | 6 | | 40,224 | 34,030 | 32,177 U |
| 253 | 65807A MAINSITE | 6 | | | 17,119 | 38,595 U |
| 254 | 65872A PRODUCTIVITY INVESTMENT FUNDING | 6 | | 3,889 | 34,139 | 21,658 U |
| 255 | 65890A INSTL AUDIOVISUAL SPT (R/D) | 6 | | 2,278 | 2,344 | 2,408 U |
| 256 | 65898A MGT HQ (RESEARCH/DEVELOPMENT) | 6 | 30,758 | 39,717 | 45,304 | 49,007 U |
| | DEFENSEWIDE MISSION SUPPORT | | 577,978 | 729,967 | 798,755 | 891,466 |
| | TOTAL RESEARCH DEVELOPMENT TEST + EVAL, ARMY | | 3,124,274 | 3,609,535 | 4,484,000 | 5,284,734 |

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DEPARTMENT OF THE NAVY
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EXHIBIT R-1

DATE: 08 FEB 1982

SUMMARY

THOUSANDS OF DOLLARS

| | FY 1981 | FY 1982 | FY 1983 | FY 1984 |
|--|-----------|-----------|-----------|-----------|
| SUMMARY RECAP OF RESEARCH CATEGORIES | | | | |
| RESEARCH | 241,418 | 276,221 | 313,388 | 345,050 |
| EXPLORATORY DEVELOPMENT | 461,328 | 493,582 | 540,039 | 591,117 |
| ADVANCED DEVELOPMENT | 1,265,393 | 1,616,459 | 1,865,475 | 3,100,327 |
| ENGINEERING DEVELOPMENT | 1,887,327 | 2,061,883 | 2,012,311 | 1,920,313 |
| MANAGEMENT AND SUPPORT | 482,276 | 558,300 | 602,307 | 656,302 |
| RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6) | 4,337,742 | 5,006,445 | 5,333,520 | 6,613,109 |
| OPERATIONAL SYSTEMS DEVELOPMENT | 687,124 | 800,686 | 898,780 | 1,133,402 |
| TOTAL RESEARCH DEVELOPMENT TEST + EVAL, NAVY | 5,024,866 | 5,807,131 | 6,232,300 | 7,746,511 |
| SUMMARY RECAP OF BUDGET ACTIVITIES | | | | |
| TECHNOLOGY BASE | 702,746 | 769,803 | 853,427 | 936,167 |
| ADVANCED TECHNOLOGY DEVELOPMENT | 149,898 | 152,186 | 165,122 | 242,849 |
| STRATEGIC PROGRAMS | 404,779 | 526,529 | 668,939 | 1,829,577 |
| TACTICAL PROGRAMS | 3,107,230 | 3,546,340 | 3,678,085 | 3,671,319 |
| INTELLIGENCE AND COMMUNICATIONS | 152,868 | 215,274 | 247,806 | 400,138 |
| DEFENSEWIDE MISSION SUPPORT | 507,345 | 596,999 | 618,921 | 666,461 |
| TOTAL RESEARCH DEVELOPMENT TEST + EVAL, NAVY | 5,024,866 | 5,807,131 | 6,232,300 | 7,746,511 |
| SUMMARY RECAP OF FYDP PROGRAMS | | | | |
| STRATEGIC FORCES | 282,603 | 265,542 | 279,845 | 394,785 |
| GENERAL PURPOSE FORCES | 280,549 | 363,066 | 453,701 | 508,712 |
| INTELLIGENCE AND COMMUNICATIONS | 123,357 | 171,078 | 164,077 | 228,527 |
| RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6) | 4,337,742 | 5,006,445 | 5,333,520 | 6,613,109 |
| TRAINING MEDICAL AND OTHER | 615 | 1,000 | 1,157 | 1,378 |
| TOTAL RESEARCH DEVELOPMENT TEST + EVAL, NAVY | 5,024,866 | 5,807,131 | 6,232,300 | 7,746,511 |

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DEPARTMENT OF THE NAVY
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

DATE: 08 FEB 1982

| PROGRAM ELEMENT NO | LINE ELEMENT NO | ITEM NOMENCLATURE | ACT | THOUSANDS OF DOLLARS | | | | |
|--------------------------|-----------------------|--|-----|----------------------|---------|---------|---------|---|
| | | | | FY 1981 | FY 1982 | FY 1983 | FY 1984 | C |
| | 1 | 61152N IN-HOUSE LAB INDEPENDENT RESEARCH | 1 | 20,396 | 21,516 | 23,337 | 26,190 | U |
| | 2 | 61153N DEFENSE RESEARCH SCIENCES | 1 | 221,022 | 254,705 | 290,051 | 318,860 | U |
| | 3 | 62241N AIRCRAFT TECHNOLOGY | 1 | 28,657 | 24,297 | 27,414 | 31,865 | U |
| | 4 | 62331N MISSILE PROPULSION TECHNOLOGY | 1 | 9,349 | 9,247 | 9,616 | 9,864 | U |
| | 5 | 62332N STRIKE WARFARE WEAPONRY TECHNOLOGY | 1 | 31,130 | 20,400 | 29,808 | 31,481 | U |
| | 6 | 62542N NUCLEAR PROPULSION TECHNOLOGY | 1 | 44,639 | 47,576 | 53,624 | 58,735 | U |
| | 7 | 62543N SHIPS/SUBS/BOATS TECH | 1 | 35,016 | 38,251 | 44,156 | 48,501 | U |
| | 8 | 62633N UNDERSEA WARFARE WEAPONRY TECHNOLOGY | 1 | 21,526 | 25,022 | 25,064 | 31,079 | U |
| | 9 | 62711N UNDERSEA TARGET SURVEILLANCE TECH | 1 | 36,806 | 35,810 | 37,966 | 42,560 | U |
| | 10 | 62712N SURF/AEROSPACE TARGET SURVEIL TECH | 1 | 29,575 | 33,634 | 35,016 | 36,593 | U |
| | 11 | 62721N COMMAND/CONTROL TECHNOLOGY | 1 | 35,381 | 29,161 | 30,577 | 35,609 | U |
| | 12 | 62734N COUNTERMEASURES TECHNOLOGY | 1 | 25,036 | 27,931 | 29,144 | 31,507 | U |
| | 13 | 62735N HIGH ENERGY LASER TECH | 1 | 38,276 | 57,487 | 63,210 | 69,440 | U |
| | 14 | 62757N HUMAN FACTORS/SIMULATION TECH | 1 | 5,863 | 6,487 | 8,055 | 8,447 | U |
| | 15 | 62758N BIOMEDICAL TECHNOLOGY | 1 | 10,061 | 10,619 | 8,996 | 9,589 | U |
| | 16 | 62759N OCEAN/ATMOSPHERIC SUPPORT TECHNOLOGY | 1 | 22,545 | 21,585 | 20,557 | 21,827 | U |
| | 17 | 62760N LOGISTICS TECHNOLOGY | 1 | 11,808 | 13,340 | 14,177 | 15,724 | U |
| | 18 | 62761N MATERIALS TECHNOLOGY | 1 | 29,777 | 33,121 | 33,019 | 35,875 | U |
| | 19 | 62762N ELECTRONIC DEVICE TECHNOLOGY | 1 | 24,010 | 26,076 | 27,134 | 29,341 | U |
| | 20 | 62763N PERSONNEL & TRNG TECH | 1 | 5,734 | 6,377 | 7,259 | 7,736 | U |
| | 21 | 62764N CHEM/BIOLOGICAL/RADIOLOGICAL DEFENSE TECH | 1 | 730 | 1,754 | 1,789 | 2,545 | U |

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DATE: 06 FEB 1982

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C |
|----------------------------------|--|-----|---------|---------|---------|-----------|
| 22 | 62765N ENERGY AND ENVIRONMENTAL PROTECTION | 1 | 6,550 | 7,443 | 6,451 | 6,728 U |
| 23 | 62766N LAB INDEPENDENT EXPLORATORY DEV | 1 | 8,859 | 11,967 | 12,091 | 12,310 U |
| 24 | 62768N DIRECTED ENERGY TECHNOLOGY | 1 | | 5,997 | 14,916 | 13,761 U |
| | TECHNOLOGY BASE | | 702,746 | 769,803 | 853,427 | 936,167 |
| 25 | 63202N AVIONICS | 2 | 3,314 | 3,745 | 3,822 | 10,342 U |
| 26 | 63203N ADV HELICOPTER DEV | 2 | 4,577 | 4,790 | 7,094 | 9,616 U |
| 27 | 63207N ENVIRONMENTAL APPLICATIONS | 2 | 4,654 | 4,684 | 10,113 | 10,182 U |
| 28 | 63210N ADV A/C PROPUL SYS | 2 | 14,504 | 8,990 | 3,483 | 2,752 U |
| 29 | 63216N AIRBORNE LIFE SUPPORT SYSTEMS | 2 | 4,521 | 3,140 | 4,928 | 11,457 U |
| 30 | 63217N ADVANCED AIRCRAFT SUBSYSTEMS | 2 | 5,930 | 4,500 | 3,430 | 6,671 U |
| 31 | 63251N AIRCRAFT SYSTEMS | 2 | 4,277 | 3,744 | 5,849 | 6,635 U |
| 32 | 63303N ERASE SYS TECHNOLOGY | 2 | 5,389 | 5,963 | 4,011 | 4,283 U |
| 33 | 63306N ADV A/L ASM SYSTEMS | 2 | 2,871 | 3,838 | 2,923 | 3,233 U |
| 34 | 63308N A/A MSL ADV TECH DEMOS | 2 | 15,798 | 4,262 | 20,457 | 34,471 U |
| 35 | 63508N SHIP PROPULSION SYSTEM | 2 | 5,514 | 18,184 | 3,272 | 4,085 U |
| 36 | 63526N ADV COMPUTER TECH | 2 | | 4,534 | 9,767 | 20,754 U |
| 37 | 63573N ELECTRIC DRIVE | 2 | | | | U |
| 38 | 63574N JOINT ORDNANCE DEV | 2 | 3,927 | 4,220 | 4,331 | 4,349 U |
| 39 | 63609N SURFACE LAUNCHED MUNITIONS | 2 | 3,063 | 3,330 | 4,957 | 5,114 U |
| 40 | 63654N JT SERV EXPLOSIVE ORD DEV | 2 | 2,875 | 3,050 | 2,604 | 3,567 U |
| 41 | 63701N HUMAN FACTORS ENG DEV | 2 | | | | |

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EXHIBIT R-1

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

DATE: 06 FEB 1982

| PROGRAM ELEMENT NO | ITEM NOMENCLATURE | ACT | THOUSANDS OF DOLLARS | | | | E FY 1984 | C |
|--------------------------|--|-----|----------------------|---------|---------|---------|--------------|---|
| | | | FY 1981 | FY 1982 | FY 1983 | FY 1984 | | |
| 42 | 63704N OCEANOGRAPHIC INSTRUMENTATION DEV | 2 | 2,456 | 2,902 | 2,999 | 6,300 | U | |
| 43 | 63706N MEDICAL DEVELOPMENT | 2 | 9,428 | 12,234 | 8,858 | 9,890 | U | |
| 44 | 63707N MNPWR CONTROL SYS DEV | 2 | 3,129 | 2,773 | 3,511 | 2,793 | U | |
| 45 | 63709N ADVANCED MARINE BIOLOGICAL SYSTEM | 2 | 3,415 | 3,789 | 3,980 | 5,339 | U | |
| 46 | 63710N MAN-MACHINE TECHNOLOGY | 2 | | | 1,365 | 1,413 | U | |
| 47 | 63712N ADV MODUL COMPN DEMONST | 2 | 1,020 | | | | U | |
| 48 | 63713N OCEAN ENGINEERING TECH DEVELOPMENTS | 2 | 14,819 | 11,624 | 13,194 | 22,171 | U | |
| 49 | 63720N EDUCATION AND TRAINING | 2 | 4,742 | 3,691 | 3,496 | 4,438 | U | |
| 50 | 63721N ENVIRONMENTAL PROTECTION | 2 | 2,913 | 6,693 | 8,151 | 12,614 | U | |
| 51 | 63722N NAVAL SPECIAL WARFARE | 2 | 4,969 | 5,037 | 6,037 | 7,289 | U | |
| 52 | 63727N NAV TECH INFO PRESENT SYS | 2 | 1,812 | 1,316 | 1,453 | 1,433 | U | |
| 53 | 63728N MANUFACTURING TECH | 2 | 4,754 | 3,657 | 3,339 | 12,085 | U | |
| 54 | 63732M MC ADV MANPOWER TRAINING SYS | 2 | 1,292 | 1,489 | 1,509 | 2,095 | U | |
| 55 | 63733N TRAINING DEVICE TECH | 2 | 5,975 | 7,950 | 7,399 | 8,055 | U | |
| 56 | 63786N ABN ELECTRO-MAG/OPT SYS | 2 | | 8,057 | 8,790 | 9,423 | U | |
| 57 | 63796N ABN ELEC-MAG/OPT SYS | 2 | 4,273 | | | | U | |
| 58 | 63797N SURF ELECTRO-MAGNETIC OPTICAL SYS | 2 | 3,687 | | | | U | |
| 59 | 64574N TAC EMBEDDED COMPUTER PROG | 2 | | | | | U | |

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APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO. NUMBER | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 | E |
|--|---|-----|---------|---------|---------|-----------|---|
| 60 | 64703N PROT6 MPWR/PERSONNEL SYS | 2 | 149,898 | 152,186 | 165,122 | 242,849 | U |
| | ADVANCED TECHNOLOGY DEVELOPMENT | | | | | | |
| 61 | 63371N TRIDENT I.I. MISSILE SYS | 3 | 96,683 | 239,232 | 366,701 | 1,413,550 | U |
| 62 | 63451N SPACE TECHNOLOGY | 3 | 2,346 | 7,966 | | | U |
| 63 | 63588N SSBN SUB-SYSTEM TECHNOLOGY | 3 | 13,808 | 4,508 | 4,898 | 12,325 | U |
| 64 | 63735N WMMCCS ARCHITECTURE | 3 | 596 | 862 | 903 | 956 | U |
| 65 | 65856N STRATEGIC TECHNICAL SUPPORT | 3 | 5,362 | 5,330 | 5,919 | 6,370 | U |
| 66 | 11221N FLEET BALLISTIC MISSILE SYSTEM | 3 | 137,485 | 66,326 | 32,947 | 43,613 | U |
| 67 | 11224N SSBN SECURITY PROGRAM | 3 | 42,312 | 36,729 | 36,691 | 59,766 | U |
| 68 | 11228N TRIDENT I | 3 | 76,295 | 101,950 | 90,565 | 137,081 | U |
| 69 | 11401N EXTREMELY LOW FREQUENCY COMM | 3 | 5,226 | 34,755 | 49,827 | 54,262 | U |
| 70 | 11402N NAVY STRATEGIC COMM | 3 | 19,746 | 24,344 | 69,314 | 99,542 | U |
| 71 | 11403N HYDRUS | 3 | 1,000 | 888 | | | U |
| 72 | 12427N NAV SPASUR | 3 | 539 | 550 | 501 | 521 | U |
| 73 | 33131N MEECN | 3 | 2,337 | 3,089 | 10,673 | 1,591 | U |
| 74 | 33151N WMMCCS - ADP | 3 | 1,044 | | | | U |
| | STRATEGIC PROGRAMS | | 404,779 | 526,529 | 668,939 | 1,829,577 | |
| 75 | 63201N AIRBORNE ASW DETECTION SYS | 4 | 2,116 | | | | U |
| 76 | 63206N ABN ELECTRONIC WARFARE EQUIPMENT | 4 | 9,958 | 9,687 | 10,490 | 7,353 | U |
| 77 | 63208N VTX-TS | 4 | 1,209 | 4,985 | 9,654 | 24,076 | U |

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APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

DATE: 08 FEB 1982

| PROGRAM LINE ELEMENT NO | ITEM NOMENCLATURE | ACT | THOUSANDS OF DOLLARS | | | | E |
|----------------------------------|---|-----|----------------------|---------|---------|-----------|---|
| | | | FY 1981 | FY 1982 | FY 1983 | FY 1984 C | |
| 78 | 63208N UNDERWATER WEAPONS ACCEPT TEST | 4 | | | | 3,326 | U |
| 79 | 63212N TACAIR IR C/M | 4 | 3,577 | 4,781 | 1,493 | 2,470 | U |
| 80 | 63213N HELICOPTER IR C/M | 4 | 2,723 | 5,323 | 5,732 | 6,118 | U |
| 81 | 63214N TAC COMD/CNTRL/COMM C/M | 4 | 2,499 | 6,284 | 7,258 | 7,755 | U |
| 82 | 63219N ADV A/C ARMAMENT SYS | 4 | 6,543 | 5,651 | 6,541 | 11,406 | U |
| 83 | 63220N TILT FAN VSTOL | 4 | | 10,000 | 36,284 | 43,185 | U |
| 84 | 63221N AV-8B | 4 | | 5,000 | | | U |
| 85 | 63228N CV ASW MODULE | 4 | 3,838 | 4,601 | 4,162 | 4,592 | U |
| 86 | 63230N NATO CROSS CERTIFICATION | 4 | 1,476 | | | | U |
| 87 | 63254N AIR ASW | 4 | 2,238 | 5,896 | 13,994 | 19,924 | U |
| 88 | 63257N V/STOL ACFT DEV | 4 | 4,304 | | 6,700 | 16,800 | U |
| 89 | 63259N ACOUSTIC SEARCH SENSORS | 4 | 3,795 | 4,639 | 8,622 | | U |
| 90 | 63260N AIRBORNE MINE COUNTERMEASURES | 4 | 12,338 | 20,635 | 21,566 | 24,904 | U |
| 91 | 63261N TACTICAL AIRBORNE RECONNAISSANCE | 4 | 3,553 | 5,019 | 5,670 | 2,669 | U |
| 92 | 63262N ACFT SURVIVABILITY/VULNERABILITY | 4 | 5,193 | 8,015 | 10,864 | 16,471 | U |
| 93 | 63266N AH-1T COMP ROTOR BLADE | 4 | 2,084 | 2,267 | | | U |
| 94 | 63267N COMBAT IDENTIFICATION SYS | 4 | 2,500 | 2,488 | 6,694 | 6,669 | U |
| 95 | 63313N IIR MAVERICK | 4 | 4,473 | 9,508 | 4,992 | 2,075 | U |
| 96 | 63318N ARMY/NAVY SAM TECH | 4 | 5,216 | 13,218 | 14,169 | 12,843 | U |
| 97 | 63358N WEAPONIZING (PROTO) | 4 | | | | | U |
| 98 | 63367N COMMON ASW STDOFF WPN | 4 | 19,027 | 39,578 | 41,999 | 58,167 | U |

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APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

THOUSANDS OF DOLLARS

| PROGRAM ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 | |
|--------------------------|---|-----|---------|---------|---------|---------|---|
| 99 | 63369N TOMAHAWK II | 4 | 22,548 | 19,000 | 19,900 | 19,760 | U |
| 100 | 63370N BVR AAM | 4 | 22,509 | | | | U |
| 101 | 63381N GUIDED MUNITIONS LAUNCHER | 4 | | | | | U |
| 102 | 63382N BGAAWC | 4 | | | 6,458 | 12,726 | U |
| 103 | 63452N VERY HIGH SPEED INTEG CIRCUITS | 4 | | | | | U |
| 104 | 63501N REACTOR PROPULSION PLANTS | 4 | 7,687 | 6,062 | 5,783 | 5,621 | U |
| 105 | 63502N SURFACE MCM | 4 | 22,288 | 40,547 | 31,572 | 25,389 | U |
| 106 | 63503N ACOUSTIC COMMUNICATIONS | 4 | 3,546 | 2,661 | 2,741 | 5,599 | U |
| 107 | 63504N SUBMARINE SONAR DEV | 4 | 35,031 | 45,523 | 18,371 | 20,034 | U |
| 108 | 63506N SURFACE SHIP TORP DEF | 4 | | | 2,447 | 5,281 | U |
| 109 | 63509N NEW SHIP DESIGN | 4 | 16,994 | 7,900 | 4,911 | 6,437 | U |
| 110 | 63513N SHIPBOARD SYS COMPONENT DEVELOPMENT | 4 | 5,124 | 8,142 | 15,452 | 13,710 | U |
| 111 | 63514N SHIPBOARD DAMAGE CONTROL | 4 | 23,941 | 18,659 | 23,659 | 21,834 | U |
| 112 | 63515N ADVANCED IDENTIFICATION TECHNIQUES | 4 | 992 | 3,810 | 2,247 | 772 | U |
| 113 | 63516N RADAR SURVEILLANCE EQ | 4 | | | | 794 | U |
| 114 | 63519N ADVANCED COMMAND DATA SYSTEMS | 4 | 362 | 2,359 | 4,412 | 5,026 | U |
| 115 | 63520N ADVANCED COMMUNICATIONS | 4 | 3,911 | | | | U |
| 116 | 63521N SURFACE ELEC WARFARE | 4 | 5,033 | 3,915 | | | U |
| 117 | 63522N ADV SUB SUPT EQUIP PROG | 4 | | | | | U |
| 118 | 63523N SMALL WATERPLANE AREA TWIN HULL SHIP DEVEL | 4 | | | | | U |
| 119 | 63524N SUBPCS | 4 | 11,889 | 39,707 | | | U |

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APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM ELEMENT NO | LINE ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 | U E C |
|--------------------------|-----------------------|--|-----|---------|---------|---------|---------|-------------|
| | 120 | 63525N PILOT FISH | 4 | 34,617 | 57,388 | 93,623 | 99,766 | U |
| | 121 | 63528N NON-ACOUSTIC ASW | 4 | 12,984 | 11,164 | 11,533 | 15,053 | U |
| | 122 | 63529N ADV ASW TARGET | 4 | 759 | 632 | 3,919 | 10,684 | U |
| | 123 | 63530N OVER-THE-HORIZON TARGETING | 4 | 8,790 | 16,353 | | | U |
| | 124 | 63531N HY 130 STEEL (NEW SSN MATERIAL) | 4 | 1,533 | 953 | | | U |
| | 125 | 63532N SHIPS SYSTEMS ENGINEERING STANDARDS | 4 | 5,933 | 9,980 | 1,749 | 1,672 | U |
| | 126 | 63534N SURFACE EFFECT SHIPS | 4 | | | | | U |
| | 127 | 63535N SEA BASS | 4 | 23,300 | | | | U |
| | 128 | 63536N STANDOFF JAMMER SUPPRESSION | 4 | | | | | U |
| | 129 | 63537N RETRACT SILVER | 4 | | 63,446 | 94,365 | 105,644 | U |
| | 130 | 63539N RETRACT AMBER | 4 | 8,468 | 17,945 | 13,017 | 4,158 | U |
| | 131 | 63540N DIESEL ELEC SUB | 4 | 497 | 2,500 | | | U |
| | 132 | 63553N SURFACE ASW | 4 | 6,030 | 5,883 | 4,408 | 4,715 | U |
| | 133 | 63561N SUBMARINES | 4 | 34,079 | 53,563 | 44,413 | 54,342 | U |
| | 134 | 63562N SUB TACTICAL WARFARE SYS | 4 | 91,943 | 98,415 | 7,032 | 17,033 | U |
| | 135 | 63564N SHIP CONFORM | 4 | 28,632 | 9,994 | 18,810 | 26,857 | U |
| | 136 | 63566N AMPHIB ASSAULT CRAFT | 4 | 14,362 | 9,240 | 10,437 | 8,139 | U |
| | 137 | 63568N COMBAT SYSTEMS ARCH | 4 | 2,968 | 3,962 | 2,786 | 3,129 | U |
| | 138 | 63569N ATTACK SUBMARINE DEV | 4 | 28,908 | 4,968 | 10,959 | 20,974 | U |
| | 139 | 63570N ADV REACTOR COMPONENTS/SYS DEV | 4 | 5,226 | 9,090 | 11,536 | 15,166 | U |
| | 140 | 63571N SHIPBOARD PHYSICAL SECURITY | 4 | 4,016 | 4,594 | 6,560 | 6,091 | U |

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DATE: 08 FEB 1982

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

THOUSANDS OF DOLLARS

| LINE NO | PROGRAM ELEMENT NUMBER | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 | |
|------------|------------------------------|------------------------------------|-----|---------|---------|---------|---------|---|
| 141 | 63575N | SPECIAL TEST SYSTEMS | 4 | 11,860 | | | | U |
| 142 | 63576N | CHALK EAGLE | 4 | | | 6,401 | 13,896 | U |
| 143 | 63578N | A4W/A10 NUCLEAR PROP PLANT | 4 | 10,624 | 11,849 | 12,238 | 12,706 | U |
| 144 | 63579N | D2W NUCLEAR PROP REACTOR | 4 | 11,025 | 10,449 | 9,337 | 9,339 | U |
| 145 | 63580N | ADV DESIGN SUB NUCLEAR PROP | 4 | 2,500 | | | | U |
| 146 | 63582N | COMBAT SYSTEM INTEGRATION | 4 | 988 | 7,340 | 17,138 | 19,330 | U |
| 147 | 63589N | DDGX | 4 | 75,300 | 100,844 | 138,595 | 117,614 | U |
| 148 | 63590N | WIDE APERTURE ARRAY ADV | 4 | | | | | U |
| 149 | 63601N | MINE DEVELOPMENT | 4 | 21,098 | 13,934 | 5,555 | 6,119 | U |
| 150 | 63610N | ALWT ADV | 4 | 98,929 | 105,414 | 56,784 | 4,220 | U |
| 151 | 63611M | MC ASSAULT VEHICLES | 4 | 38,591 | 56,299 | 73,414 | 85,805 | U |
| 152 | 63634N | TAC NUCLEAR WEAPON DEV | 4 | 792 | 723 | 3,464 | 4,183 | U |
| 153 | 63635M | MC GRD COMBAT/SPT ARMS SYS | 4 | 2,401 | 3,336 | 7,812 | 4,341 | U |
| 154 | 63691N | MK-48 ADCAP (ADV) | 4 | | | | | U |
| 155 | 63702N | OCEAN ENGINEERING SYS DEVELOPMENT | 4 | 3,327 | 3,099 | 2,320 | 2,257 | U |
| 156 | 63705N | LOGISTICS | 4 | 6,788 | 12,215 | 3,339 | 1,844 | U |
| 157 | 63708N | ANTI-SUB WARFARE SIGNAL PROCESSING | 4 | 10,138 | 7,626 | 5,202 | 6,546 | U |
| 158 | 63711N | FLEET TAC D/E PROGRAM | 4 | 3,661 | 3,896 | 4,551 | 6,678 | U |
| 159 | 63717N | COMMAND AND CONTROL SYSTEMS | 4 | 10,452 | 8,780 | 24,106 | 20,327 | U |
| 160 | 63719N | CONTAINER OFFLOAD/TRANSFER SYS | 4 | 1,336 | 8,045 | 6,067 | | U |
| 161 | 63724N | NAVY ENERGY PROGRAM | 4 | 16,743 | 17,478 | 21,504 | 31,487 | U |

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APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C |
|--------------------------|---|-----|---------|---------|---------|-----------|
| 162 | 63725N FACILITIES IMPROVEMENT | 4 | 3,230 | 3,194 | 5,919 | 9,064 U |
| 163 | 63726N MERCHANT SHIP NAVAL AUG PROG (MSNAP) | 4 | | | 5,773 | 5,690 U |
| 164 | 63729M MC COMBAT SERVICE SPT | 4 | 1,003 | 3,122 | 4,410 | 5,931 U |
| 165 | 63730M MC INTEL/ELEC WARFARE SYS | 4 | 8 | 2,209 | 7,024 | 6,242 U |
| 166 | 63731M MC CMD/CNTRL/COMM SYS | 4 | 283 | 1,490 | 2,753 | 494 U |
| 167 | 63734N DEFENSE SUPPRESSION | 4 | 291 | | | U |
| 168 | 63736N STRIKE WARFARE TECHNOLOGY | 4 | 1,350 | | | U |
| 169 | 63737N LINK HAZEL | 4 | | | 42,760 | 9,870 U |
| 170 | 63763N ITSS | 4 | 14,000 | 11,965 | 17,834 | 107,293 U |
| 171 | 63784N ASW SURVEILLANCE (C) | 4 | | 1,235 | 1,284 | 4,280 U |
| 172 | 63785N LRAP | 4 | | 10,814 | 12,578 | 16,898 U |
| 173 | 63787N SPECIAL PROCESSES | 4 | | 46,337 | 72,523 | 68,923 U |
| 174 | 63788N RDSS | 4 | 13,348 | 6,763 | 19,312 | 21,646 U |
| 175 | 63794N ASW SURVEILLANCE | 4 | 3,149 | | | U |
| 176 | 63795N LRAP | 4 | 10,340 | | | U |
| 177 | 63798N SPECIAL PROCESSES | 4 | 26,041 | | | U |
| 178 | 64203N AVIONICS DEVELOPMENT/VAST | 4 | 8,881 | 12,501 | 8,960 | 3,022 U |
| 179 | 64211N AIMS/ATCRBS/MARK XII | 4 | 3,152 | 4,363 | 6,228 | 8,650 U |
| 180 | 64212N LAMP III | 4 | 100,842 | 72,588 | 8,977 | U |
| 181 | 64213N HELICOPTER DEVELOPMENT | 4 | 4,932 | 10,057 | 26,560 | 11,568 U |
| 182 | 64214N AV-8B AIRCRAFT | 4 | 236,371 | 226,413 | 114,071 | 67,133 U |

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DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| LINE NO | PROGRAM ELEMENT NUMBER | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C |
|---------|------------------------|-------------------------------|-----|---------|---------|---------|-----------|
| 183 | 64215N | SUPPORT EQUIPMENT | 4 | 6,903 | 6,947 | 8,700 | 8,637 U |
| 184 | 64216N | RECONNAISSANCE SYS | 4 | | | | |
| 185 | 64217N | S-3 WEAPONS SYS IMPROVEMENT | 4 | 14,738 | 41,702 | 78,344 | 55,733 U |
| 186 | 64218N | ENVIRONMENTAL SYSTEMS | 4 | 533 | 481 | 356 | 595 U |
| 187 | 64219N | AIRBORNE ASW DEV | 4 | 12,919 | 21,599 | 25,539 | 32,148 U |
| 188 | 64220N | ACFT IR SIGNATURE SUPPRESSION | 4 | 1,322 | 1,400 | 1,495 | 1,598 U |
| 189 | 64221N | P-3 MODERNIZATION PROG | 4 | 29,649 | 18,636 | 21,598 | 24,357 U |
| 190 | 64224N | ADAPTIVE ECM | 4 | 1,308 | | | |
| 191 | 64225N | ADV RADAR WARNING SYS | 4 | 2,647 | 383 | | |
| 192 | 64226N | ASPJ | 4 | 28,137 | 23,665 | 29,331 | 15,068 U |
| 193 | 64227N | HARPOON MODIFICATION | 4 | | | 1,940 | 1,921 U |
| 194 | 64228N | SH-60 CV VARIANT | 4 | | | 9,868 | 43,354 U |
| 195 | 64254N | CH-46E RANGE EXT TANKS | 4 | 10,206 | 11,690 | 13,394 | 16,931 U |
| 196 | 64255N | AIR ELECTRONIC WARFARE | 4 | 8,006 | 10,941 | 11,201 | 7,904 U |
| 197 | 64260N | CH-53E | 4 | 19,344 | 18,121 | 14,600 | 4,601 U |
| 198 | 64261N | ACOUSTIC SEARCH SENSORS | 4 | | | 9,522 | 24,094 U |
| 199 | 64262N | HXM | 4 | 170,856 | 190,000 | 109,224 | |
| 200 | 64263N | F/A-18 | 4 | 11,815 | 10,674 | 6,902 | 7,284 U |
| 201 | 64264N | LIFE SUPPORT EQUIP | 4 | 7,199 | 3,292 | 3,525 | |
| 202 | 64266N | ADV SIGNAL PROCESSOR | 4 | 24,218 | 4,206 | 6,978 | 3,079 U |
| 203 | 64267N | AWG-9 UPDATE | 4 | | | | |

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DATE: 08 FEB 1982

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

| PROGRAM ELEMENT LINE NO | ITEM NOMENCLATURE | ACT | THOUSANDS OF DOLLARS | | | | E |
|----------------------------------|---|-----|----------------------|---------|---------|-----------|---|
| | | | FY 1981 | FY 1982 | FY 1983 | FY 1984 C | |
| 204 | 64268N ACFT ENGINE COMPONENT IMPROVE PROG | 4 | 71,202 | 82,338 | 89,486 | 96,620 | U |
| 205 | 64301N MK-92 FCS UPGRADE | 4 | | 17,701 | 9,628 | 14,445 | U |
| 206 | 64303N AEGIS | 4 | 16,807 | 34,196 | 8,158 | 8,376 | U |
| 207 | 64304N CSEDS | 4 | 26,262 | 16,056 | 12,232 | 5,558 | U |
| 208 | 64306N PENGUIN COMBAT DEV | 4 | 5,892 | 3,658 | 1,623 | 477 | U |
| 209 | 64307N CG-47 AEGIS PRODUCT IMPROV | 4 | | | 45,147 | 61,056 | U |
| 210 | 64314N AMRAAM | 4 | | 4,994 | 4,714 | 6,916 | U |
| 211 | 64352N SURFACE LAUNCHED WEAPONRY SYS TECH | 4 | 38,352 | 42,505 | 3,413 | 3,372 | U |
| 212 | 64353N VERTICAL LAUNCHING SYSTEM | 4 | 67,672 | 70,424 | 33,878 | 26,832 | U |
| 213 | 64354N AIR/AIR MSL SYS ENGR | 4 | 37,062 | 35,350 | 23,844 | | U |
| 214 | 64358N CLOSE-IN WPN SYS (PHALANX) | 4 | 2,105 | 1,371 | 1,387 | 1,329 | U |
| 215 | 64360N HI-SPEED ANTI-RADIATION MSL | 4 | 72,641 | 20,898 | 1,932 | 1,976 | U |
| 216 | 64361N NATO SEA SPARROW | 4 | 3,507 | 3,467 | 1,067 | | U |
| 217 | 64365N SM-2 | 4 | 4,000 | 13,193 | 18,810 | 18,763 | U |
| 218 | 64366N STANDARD MISSILE IMPROVEMENTS | 4 | 64,618 | 50,592 | 50,789 | 62,391 | U |
| 219 | 64367N TOMAHAWK CRUISE MSL | 4 | 133,922 | 141,735 | 78,934 | 26,362 | U |
| 220 | 64369N 5\ ROLLING AIR FRAME MSL | 4 | 14,040 | 19,488 | 16,290 | 3,326 | U |
| 221 | 64370N SSN-688 VLS | 4 | 8,916 | 37,486 | 35,362 | 26,830 | U |
| 222 | 64371N HELLFIRE | 4 | | | 9,815 | 2,879 | U |
| 223 | 64372N NEW THREAT UPGRADE | 4 | | | 41,881 | 41,598 | U |
| 224 | 64373N TARTER SM-2 | 4 | | | | | U |

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DEPARTMENT OF THE NAVY
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 | C |
|----------------------------------|---------------------------------------|-----|---------|---------|---------|---------|---|
| 225 | 64375N SPY-1B RADAR | 4 | | | | | U |
| 226 | 64377N SM-3 | 4 | | | | | U |
| 227 | 64502N SUBMARINE COMMUNICATIONS | 4 | 8,353 | 7,187 | 5,584 | 8,314 | U |
| 228 | 64503N SUBMARINE SONAR DEV | 4 | 32,026 | 40,403 | 41,770 | 36,583 | U |
| 229 | 64504N AIR CONTROL | 4 | 8,066 | 9,591 | 9,251 | 24,163 | U |
| 230 | 64505N SSN INTEGRATED COMM CENTER SYS | 4 | | 5,820 | | | U |
| 231 | 64506N CW COUNTERMEASURES | 4 | 3,710 | 7,740 | 8,357 | 8,398 | U |
| 232 | 64507N EMSP | 4 | | | 14,497 | 15,257 | U |
| 233 | 64508N RADAR SURVEILLANCE EQ | 4 | 11,036 | 15,409 | 10,486 | 8,966 | U |
| 234 | 64510N COMMUNICATIONS SYSTEMS | 4 | 5,456 | 3,178 | 4,693 | 238 | U |
| 235 | 64511N INTELLIGENCE SYSTEMS | 4 | 2,262 | 2,708 | 2,476 | 5,208 | U |
| 236 | 64515N SUB SUPT EQUIP PROG ENG | 4 | | | | | U |
| 237 | 64516N SHIP SURVIVABILITY PROTOTYPES | 4 | | | 4,775 | 7,809 | U |
| 238 | 64518N CIC CONVERSION | 4 | 5,937 | 9,420 | 27,014 | 23,148 | U |
| 239 | 64519N COMBAT SYS INTERFACE | 4 | | | | | U |
| 240 | 64524N SUBACS ENG | 4 | | 29,664 | 85,937 | 137,515 | U |
| 241 | 64526N LHDX | 4 | | 15,000 | | | U |
| 242 | 64554N SURFACE ELEC WARFARE | 4 | 11,398 | 8,540 | 6,673 | 11,245 | U |
| 243 | 64561N SUBMARINES | 4 | 1,699 | 2,041 | 1,950 | 2,229 | U |
| 244 | 64562N SUB TACTICAL WARFARE SYS | 4 | 33,768 | 95,242 | 32,598 | 34,720 | U |
| 245 | 64566N ACOUSTIC COMMUNICATIONS | 4 | 3,229 | 5,099 | 4,696 | 2,650 | U |

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DEPARTMENT OF THE NAVY
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 |
|----------------------------------|---|-----|---------|---------|---------|-----------|
| 246 | 64567N SHIP SUBSYS DEV/LBTS | 4 | 45,717 | 66,394 | 24,430 | 28,642 U |
| 247 | 64569N NATO SEA GNAT | 4 | 2,078 | 7,007 | 6,589 | 3,056 U |
| 248 | 64573N SHIPBOARD ELECTRONIC WARFARE IMPROV | 4 | 7,543 | 15,917 | 14,974 | 17,684 U |
| 249 | 64574N TAC EMBEDDED COMPUTER PROG | 4 | 17,313 | 21,979 | 21,704 | 13,323 U |
| 250 | 64575N AN/SQS-53C | 4 | | | 35,980 | 22,387 U |
| 251 | 64576N INFLUENCE MCM | 4 | | | 5,820 | 12,709 U |
| 252 | 64601N MINE DEVELOPMENT | 4 | 7,415 | 6,916 | 12,712 | 10,464 U |
| 253 | 64602N GUN AMMUNITION IMPROVEMENT | 4 | 11,545 | 2,841 | 755 | 1,182 U |
| 254 | 64603N UNGUIDED CONVLR AIR LAUNCHED WEAPONS | 4 | 15,116 | 22,249 | 7,978 | 1,946 U |
| 255 | 64604N CHEMICAL WARFARE WEAPONS | 4 | | 7,497 | 8,066 | 3,458 U |
| 256 | 64607N ELECTRO OPTICS SENSOR DEV | 4 | 17,035 | 6,891 | 10,422 | 10,975 U |
| 257 | 64608N A/N SAL GP(ENG) | 4 | 22,753 | 3,116 | 995 | U |
| 258 | 64609N COMMON BOMB FUZE | 4 | 1,600 | 1,597 | 1,306 | U |
| 259 | 64610N ALWT (ENG) | 4 | | | 58,365 | 141,185 U |
| 260 | 64652N GUN FCS IMP PROG | 4 | 27,956 | 10,393 | 10,969 | 10,648 U |
| 261 | 64654N JT SERV EXPLOSIVE ORD DEV | 4 | 2,248 | 2,477 | 2,926 | 3,805 U |
| 262 | 64656M MC ASSAULT VEHICLES | 4 | | | 15,810 | 15,072 U |
| 263 | 64657M MC GRD COMBAT/SPT ARMS SYS | 4 | 18,236 | 23,377 | 10,724 | 16,616 U |
| 264 | 64658N MK-86 GFCS | 4 | | | | U |
| 265 | 64675N MK-48 ADCAP (ENG) | 4 | | | 166,271 | 111,483 U |
| 266 | 64701N PRTO CARRIER OPER TEST/EVAL SITE | 4 | | | | U |

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DEPARTMENT OF THE NAVY
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

DATE: 06 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 | C |
|----------------------------------|---|-----|---------|---------|---------|---------|---|
| 267 | 64710N NAVY ENERGY PROGRAM | 4 | 11,975 | 15,984 | 18,704 | 28,394 | U |
| 268 | 64711N COMMAND AND CONTROL SYSTEMS | 4 | 9,476 | 10,629 | 15,505 | 20,181 | U |
| 269 | 64713N TACTAS AN-SGR 19 | 4 | 24,624 | 15,862 | 9,882 | 2,852 | U |
| 270 | 64714N AIR WARFARE TNG DEV | 4 | 13,681 | 27,889 | 20,089 | 6,572 | U |
| 271 | 64715N SURFACE WARFARE TNG DEV | 4 | 34,428 | 41,746 | 32,838 | 46,258 | U |
| 272 | 64716N SUBMARINE WARFARE TNG DEV | 4 | 2,908 | 4,553 | 3,226 | | U |
| 273 | 64717M MC COMBAT SERVICE SPT | 4 | 2,010 | 3,728 | 3,009 | 3,812 | U |
| 274 | 64718M MC INTEL/ELEC WARFARE SYS | 4 | 2,615 | 1,985 | 2,736 | 9,237 | U |
| 275 | 64719M MC CMD/CNTRL/COMM SYS | 4 | 62,291 | 48,573 | 27,888 | 25,699 | U |
| 276 | 64720M TACAIR OPER CENTRAL 85 | 4 | | | 12,736 | 4,468 | U |
| 277 | 64745N NAV INTEG/BTFELD EXPLOIT TGT ACQ | 4 | 2 | | | | U |
| 278 | 64761N INTELLIGENCE | 4 | 5,189 | 6,069 | 13,092 | 9,099 | U |
| 279 | 64771N MEDICAL DEVELOPMENTS | 4 | 1,329 | 2,047 | 2,314 | 2,464 | U |
| 280 | 64779N JINTACCS | 4 | 8,245 | 5,505 | 6,395 | 11,518 | U |
| 281 | 64780M JINTACCS MC | 4 | 1,030 | 1,249 | 1,699 | 7,620 | U |
| 282 | 64789N SURV TOWED ARRAY SENSOR | 4 | 6,769 | | | 2,345 | U |
| 283 | 65155N FLEET TACTICAL DEV/EVAL | 4 | 17,070 | 17,257 | 18,316 | 22,962 | U |
| 284 | 65803N ELECTROMAGNETIC SPECTRUM MGT | 4 | | | | | U |
| 285 | 65853N MANAGEMENT AND TECHNICAL SUPPORT | 4 | 12,335 | 12,546 | 11,685 | 13,862 | U |
| 286 | 65858N TACTICAL ELECTRO SUPPORT | 4 | 4,309 | 4,210 | 4,005 | 4,125 | U |
| 287 | 65867N C2 SURVEILLANCE/RECON SPT | 4 | 3,597 | 1,694 | 2,820 | 5,116 | U |

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FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO NUMBER | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C | |
|---|--|-----|---------|---------|---------|-----------|---|
| 288 | 65871M TAC EXPLOITATION OF NATL CAPABILITY | 4 | | 248 | 360 | 374 | U |
| 289 | 24134N A-6 SQUADRONS | 4 | 7,624 | 9,978 | 4,725 | 3,014 | U |
| 290 | 24136N F/A-18 ATTACK SQDNS | 4 | | | | 19,369 | U |
| 291 | 24152N EARLY WARNING ACFT SQUADRONS | 4 | 18,756 | 18,925 | 52,291 | 47,008 | U |
| 292 | 24161N AVIATION SPT CVW | 4 | 2,384 | 7,957 | 7,968 | 1,911 | U |
| 293 | 24163N FLEET TELECOMMUNICATIONS (TAC) | 4 | 15,381 | 34,282 | 21,140 | 33,956 | U |
| 294 | 24226N PATROL COMBATANTS-HICANS | 4 | | 292 | | | U |
| 295 | 24281N SUBMARINES | 4 | 5,710 | 7,429 | 6,464 | 9,496 | U |
| 296 | 24304N MINES/MINE SUPPORT | 4 | 6,393 | 2,930 | 1,481 | 1,123 | U |
| 297 | 24311N UNDERSEA SURVEILLANCE SYS | 4 | 51,244 | 48,598 | 49,649 | 68,904 | U |
| 298 | 24313N SURTASS | 4 | | 6,364 | 7,070 | | U |
| 299 | 24571N SPECIAL PROJECTS | 4 | | | 6,720 | 11,850 | U |
| 300 | 24573N COVER AND DECEPTION PROGRAM | 4 | 7,798 | 13,305 | 14,312 | 12,794 | U |
| 301 | 24575N ELECTRONIC WARFARE SPT PROJECTS | 4 | 5,431 | 16,509 | 8,014 | 10,581 | U |
| 302 | 24576N C3 COUNTER-MEAS DEVEL | 4 | | | 11,533 | 17,900 | U |
| 303 | 25604N JTIDS | 4 | 31,251 | 48,079 | 100,330 | 87,399 | U |
| 304 | 25620N ASW COMBAT SYSTEMS INTEGRATION | 4 | 14,184 | 20,866 | 16,135 | 14,589 | U |
| 305 | 25623N SURF SHIP SONAR MODERNIZATION | 4 | 19,151 | 13,973 | 8,003 | 9,942 | U |
| 306 | 25624N AN/SQR-18 IMPROVEMENT | 4 | 5,380 | 6,611 | 4,939 | 4,645 | U |
| 307 | 25633N ACFT EQ REL/MAINT PROG | 4 | 6,462 | 8,231 | 7,067 | 8,453 | U |
| 308 | 25634N SUBMARINE SILENCING | 4 | 18,190 | 15,363 | 9,283 | 10,706 | U |

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FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO NUMBER | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 | C |
|---|--|-----|---------|---------|---------|---------|---|
| 309 | 25645N MODULAR GUIDED GLIDE WPN IMP | 4 | 799 | 2,117 | 5,260 | 1,567 | U |
| 310 | 25658N LAB FLEET SUPPORT | 4 | 2,273 | 4,283 | 4,669 | 5,366 | U |
| 311 | 25662N ACFT PROPULSION EVAL GENERAL | 4 | 2,693 | 2,000 | 2,835 | 3,114 | U |
| 312 | 25663N ACFT FLIGHT TEST GENERAL | 4 | 1,830 | 897 | 953 | 1,016 | U |
| 313 | 25667N F-14A | 4 | 11,723 | 16,965 | 14,724 | 17,455 | U |
| 314 | 25670N TACTICAL INTELL PROCESSING | 4 | 1,317 | 2,721 | 1,942 | 1,809 | U |
| 315 | 25674N EW COUNTER RESPONSE | 4 | 9,050 | 10,586 | 12,653 | 15,868 | U |
| 316 | 25675N OPERATIONAL REACTOR DEV | 4 | | 2,344 | 2,855 | 3,397 | U |
| 317 | 26313M MARINE CORPS TELECOMMUNICATIONS | 4 | 2,247 | 1,713 | 2,266 | 3,029 | U |
| 318 | 26623M MC GRD COMBAT/SPT ARMS SYS | 4 | 1,583 | 1,635 | 3,093 | 9,289 | U |
| 319 | 26624M MC COMBAT SERVICE SPT | 4 | 407 | 368 | 376 | 657 | U |
| 320 | 26625M MC INTEL/ELEC WARFARE SYS | 4 | 471 | | 779 | 590 | U |
| 321 | 26626M MC CMD/CNTRL/COMM SYS | 4 | 8,091 | 12,194 | 18,447 | 24,240 | U |
| 322 | 26627M MC TAC SUPT C/C SYS | 4 | | | 2,798 | 2,959 | U |
| 323 | 28008N AMRAAM GUE | 4 | | | | | U |
| 324 | 28009N TOMAHAWK CRUISE MISSILE | 4 | | | 18,010 | 24,305 | U |
| 325 | 28010M TRI-TAC MC | 4 | 9,193 | 16,343 | 15,543 | 11,297 | U |
| 326 | 28010N TRI-TAC NAVY | 4 | 13,533 | 9,208 | 9,374 | 9,114 | U |
| 327 | 33109N SATELLITE COMMUNICATIONS | 4 | | | | | U |
| 328 | 33151N WMMCCS - ADP | 4 | | | | | U |

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DEPARTMENT OF THE NAVY
 FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM ELEMENT NO NUMBER | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C | S E |
|---------------------------------|--|-----|-----------|-----------|-----------|-----------|--------|
| 329 | 35128N SECURITY/INVESTIGATIVE ACTYS | 4 | | | | | U |
| 330 | 99403N CONSULTANTS STUDIES AND ANALYSES | 4 | | | | | U |
| | TACTICAL PROGRAMS | | 3,107,230 | 3,546,340 | 3,678,085 | 3,671,319 | |
| 331 | 63401N NAVIGATION SATELLITE GPS | 5 | 4,866 | | | | U |
| 332 | 63511N AIR CONTROL | 5 | | | | 1,167 | U |
| 333 | 63518N ADVANCED NAVIGATION DEVELOPMENT | 5 | 1,608 | 2,142 | 476 | | U |
| 334 | 63735N WWMCCS ARCHITECTURE | 5 | | | | | U |
| 335 | 64514N NAVIGATION SYSTEMS | 5 | 5,210 | 5,649 | 3,820 | 1,487 | U |
| 336 | 64577N EHF SATCOM | 5 | | | 43,826 | 61,149 | U |
| 337 | 64777N NAVSTAR | 5 | | 34,000 | 39,822 | 97,440 | U |
| 338 | 64778N NAVSTAR GPS EQUIP | 5 | 17,136 | | | | U |
| 339 | 65803N ELECTROMAGNETIC SPECTRUM MGT | 5 | 5,700 | 5,496 | 4,589 | 7,532 | U |
| 340 | 65866N C2 SYS PLANNING/ENGINEERING SPT | 5 | 3,271 | 4,215 | 5,060 | 6,836 | U |
| 341 | 24226N PATROL COMBATANTS | 5 | | | | | U |
| 342 | 31303N FIELD OPERATIONAL INTELLIGENCE OFFICE | 5 | 511 | | | | U |
| 343 | 31309N INTELLIGENCE SUPPORT CENTER | 5 | 322 | 237 | | | U |
| 344 | 31325N PRAIRIE WAGON | 5 | 3,906 | | | | U |
| 345 | 31326N PRAIRIE SCHOONER | 5 | 6,276 | 5,221 | 5,072 | 17,339 | U |
| 346 | 31327N TECHNICAL RECONNAISSANCE & SURVEILLANCE | 5 | 3,944 | 5,384 | 4,073 | 11,005 | U |
| 347 | 31335N ADP GDIP SUPPORT | 5 | | | | 606 | U |

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DEPARTMENT OF THE NAVY
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 | C |
|----------------------------------|---|-----|---------|---------|---------|---------|-----------|
| 348 | 31355N INTEGRATED AUTOMATED INTELLIGENCE PROCESSING | 5 | 491 | | | | U |
| 349 | 33109N SATELLITE COMMUNICATIONS | 5 | 5,357 | 36,580 | 1,632 | | 905 U |
| 350 | 33126N LONG HAUL COMMUNICATIONS (DCS) | 5 | 2,423 | 1,188 | 1,965 | | 825 U |
| 351 | 33401N COMSEC | 5 | | | | | |
| 352 | 34111N SPECIAL ACTIVITIES | 5 | 82,606 | 101,690 | 120,380 | | 180,176 U |
| | INTELLIGENCE AND COMMUNICATIONS | | 152,868 | 215,274 | 247,806 | | 400,138 |
| 353 | 63799N R+D FUTURE OPTIONS | 6 | | | | | U |
| 354 | 64208N RANGE INSTRUMENTATION SYS DEV | 6 | 13,276 | 10,317 | 12,392 | | 17,235 U |
| 355 | 64218N ENVIRONMENTAL SYSTEMS | 6 | | | | | U |
| 356 | 64258N TARGET SYSTEMS DEV | 6 | 43,045 | 58,803 | 43,901 | | 48,112 U |
| 357 | 64703N TRAINING DEVICES PROTOTYPE DEV | 6 | 13,899 | 10,361 | 6,575 | | 3,743 U |
| 358 | 64709N PROTO MPWR/PERSONNEL SYS | 6 | 979 | 4,997 | 2,152 | | 3,983 U |
| 359 | 65151M STUDIES AND ANALYSIS SUPPORT (MC) | 6 | 2,309 | 2,776 | 2,148 | | 2,619 U |
| 360 | 65152N STUDIES AND ANALYSIS SUPPORT (NAVY) | 6 | 6,422 | 7,791 | 7,889 | | 8,291 U |
| 361 | 65153M MCOAG | 6 | 2,020 | 2,481 | 2,754 | | 2,877 U |
| 362 | 65154N CENTER FOR NAVAL ANALYSIS (NAVY) | 6 | 10,393 | 11,351 | 12,445 | | 13,381 U |
| 363 | 65155N FLEET TACTICAL DEV/EVAL | 6 | | | | | U |
| 364 | 65156M MAR CORPS OPERATIONAL TEST/EVAL | 6 | 1,184 | 1,205 | 3,350 | | 1,874 U |
| 365 | 65804N TECHNICAL INFORMATION SERVICES | 6 | 1,188 | 1,456 | 1,665 | | 1,735 U |
| 366 | 65852N AUTEQ | 6 | 28,553 | 36,150 | 45,658 | | 50,334 U |
| 367 | 65854M DEVELOPMENT CENTER SUPPORT | 6 | 3,510 | 5,422 | 3,598 | | 3,804 U |

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DEPARTMENT OF THE NAVY
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

DATE: 08 FEB 1982

| PROGRAM ELEMENT NO | ITEM NOMENCLATURE | ACT | THOUSANDS OF DOLLARS | | | | FY 1984 C |
|--------------------------|--|-----|----------------------|---------|---------|-----------|-----------|
| | | | FY 1981 | FY 1982 | FY 1983 | FY 1984 E | |
| 368 | 65855N NARL PT BARROW | 6 | 3,885 | | | | U |
| 369 | 65857N INTERNATIONAL RDT/E | 6 | 966 | 1,679 | 1,935 | | 2,264 U |
| 370 | 65859N MOBILE SEA RANGE | 6 | 5,171 | 7,024 | 3,229 | | 5,046 U |
| 371 | 65861N RDTE LAB/FAC MGT SPT | 6 | 48,844 | 52,159 | 59,101 | | 66,237 U |
| 372 | 65862N RDTE INSTRUMENTATION/MATERIAL SPT | 6 | 38,305 | 43,511 | 31,707 | | 30,710 U |
| 373 | 65863N RDTE SHIP/AIRCRAFT SPT | 6 | 52,425 | 60,773 | 69,847 | | 79,535 U |
| 374 | 65864N TEST/EVALUATION SPT | 6 | 215,579 | 240,320 | 274,106 | | 301,613 U |
| 375 | 65865N OPERATION-TEST/EVAL CAPABILITY | 6 | 5,231 | 5,770 | 6,772 | | 6,556 U |
| 376 | 65869N RDT&E OSHA SUPPORT | 6 | | | | | U |
| 377 | 65870N STRATEGIC SYSTEMS TEST SUPPORT | 6 | 4,647 | 19,046 | 17,658 | | 8,616 U |
| 378 | 65871M TAC EXPLOITATION OF NATL CAPABILITY | 6 | | | | | U |
| 379 | 65872N PRODUCTIVITY INVESTMENT | 6 | | 7,490 | 4,410 | | 2,322 U |
| 380 | 65873N LONG RANGE PLANNING SUPPORT | 6 | | 900 | 1,281 | | 1,311 U |
| 381 | 25633N AIRCRAFT EQ R/M IMPROVEMENT PROG | 6 | | | | | U |
| 382 | 25659N LAB FLEET SUPPORT | 6 | | | | | U |
| 383 | 25662N ACFT PROPULSION EVAL GENERAL | 6 | | | | | U |
| 384 | 25663N ACFT FLIGHT TEST GENERAL | 6 | | | | | U |
| 385 | 35111N WEATHER SERVICE | 6 | 2,998 | 2,867 | 1,186 | | 1,091 U |
| 386 | 35128N SECURITY/INVESTIGATIVE ACTYS | 6 | | | 689 | | 729 U |

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FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO | PROGRAM ELEMENT NUMBER | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 |
|----------------------------------|------------------------------|-----------------------------------|-----|---------|---------|---------|---------|
| 387 | 35160N | DEF METEOROLOGICAL SATELLITE PROG | 6 | 1,901 | 1,350 | 1,316 | 1,065 |
| 388 | 88751N | CIVILIAN EDUCATION/TRAINING/DEV | 6 | 615 | 1,000 | 1,157 | 1,378 |
| | | DEFENSEWIDE MISSION SUPPORT | | 507,345 | 596,999 | 618,921 | 666,461 |

TOTAL RESEARCH DEVELOPMENT TEST + EVAL, NAVY

5,024,866 5,807,131 6,232,300 7,746,511

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AIR FORCE

UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

SUMMARY

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| | FY 1981 | FY 1982 | FY 1983 | FY 1984 |
|---|-----------|-----------|------------|------------|
| SUMMARY RECAP OF RESEARCH CATEGORIES | | | | |
| RESEARCH | 126,612 | 147,257 | 178,982 | 193,264 |
| EXPLORATORY DEVELOPMENT | 487,375 | 473,475 | 527,726 | 553,945 |
| ADVANCED DEVELOPMENT | 851,553 | 901,663 | 1,137,621 | 1,568,787 |
| ENGINEERING DEVELOPMENT | 3,270,844 | 4,455,375 | 5,856,633 | 5,481,154 |
| MANAGEMENT AND SUPPORT | 631,060 | 668,325 | 709,534 | 752,539 |
| RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6) | 5,367,444 | 6,646,095 | 8,410,496 | 8,549,689 |
| OPERATIONAL SYSTEMS DEVELOPMENT | 1,765,903 | 2,230,215 | 2,809,904 | 2,898,346 |
| TOTAL RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE | 7,133,347 | 8,876,310 | 11,220,400 | 11,448,035 |
| SUMMARY RECAP OF BUDGET ACTIVITIES | | | | |
| TECHNOLOGY BASE | 613,987 | 620,732 | 706,708 | 747,209 |
| ADVANCED TECHNOLOGY DEVELOPMENT | 284,034 | 372,610 | 472,098 | 531,364 |
| STRATEGIC PROGRAMS | 2,730,762 | 3,570,448 | 4,973,010 | 4,993,338 |
| TACTICAL PROGRAMS | 1,453,702 | 1,777,724 | 2,218,002 | 2,314,418 |
| INTELLIGENCE AND COMMUNICATIONS | 984,978 | 1,305,352 | 1,418,213 | 1,334,519 |
| DEFENSEWIDE MISSION SUPPORT | 1,065,884 | 1,229,444 | 1,432,369 | 1,527,190 |
| TOTAL RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE | 7,133,347 | 8,876,310 | 11,220,400 | 11,448,035 |
| SUMMARY RECAP OF FYDP PROGRAMS | | | | |
| STRATEGIC FORCES | 396,920 | 428,385 | 525,525 | 428,945 |
| GENERAL PURPOSE FORCES | 300,261 | 323,019 | 610,756 | 681,522 |
| INTELLIGENCE AND COMMUNICATIONS | 1,029,131 | 1,434,773 | 1,644,493 | 1,760,457 |
| AIRLIFTSEALIFT | 26,935 | 30,485 | 12,604 | 7,310 |
| RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6) | 5,367,444 | 6,646,095 | 8,410,496 | 8,549,689 |
| CENTRAL SUPPLY AND MAINTENANCE | 10,337 | 10,958 | 13,738 | 17,350 |
| SUPPORT OF OTHER NATIONS | 2,319 | 2,595 | 2,788 | 2,762 |
| TOTAL RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE | 7,133,347 | 8,876,310 | 11,220,400 | 11,448,035 |

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FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 3600 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 | C |
|--------------------------|--|-----|---------|---------|---------|---------|---|
| 1 | 61101F IN-HOUSE LAB INDEPENDENT RESEARCH | 1 | 10,177 | 11,258 | 13,124 | 15,216 | U |
| 2 | 61102F DEFENSE RESEARCH SCIENCES | 1 | 116,435 | 135,999 | 165,858 | 178,048 | U |
| 3 | 62101F GEOPHYSICS | 1 | 31,259 | 33,485 | 37,780 | 39,195 | U |
| 4 | 62102F MATERIALS | 1 | 38,285 | 42,156 | 46,174 | 49,866 | U |
| 5 | 62201F AEROSPACE FLIGHT DYNAMICS | 1 | 55,686 | 55,155 | 61,219 | 65,184 | U |
| 6 | 62202F AEROSPACE BIOTECHNOLOGY | 1 | 34,740 | 35,959 | 41,718 | 44,777 | U |
| 7 | 62203F AEROSPACE PROPULSION | 1 | 51,173 | 53,918 | 58,645 | 60,547 | U |
| 8 | 62204F AEROSPACE AVIONICS/VHSI CIRCUITS | 1 | 57,730 | 61,523 | 67,652 | 71,500 | U |
| 9 | 62205F TRAINING/SIMULATION TECH | 1 | 12,942 | 13,964 | 18,545 | 18,271 | U |
| 10 | 62302F ROCKET PROPULSION | 1 | 30,791 | 34,105 | 37,072 | 38,264 | U |
| 11 | 62601F ADVANCED WEAPONS | 1 | 35,193 | 39,208 | 44,471 | 44,691 | U |
| 12 | 62602F CONVENTIONAL MUNITIONS | 1 | 30,740 | 32,724 | 37,416 | 38,366 | U |
| 13 | 62702F COMMAND/CONTROL/COMMUNICATION | 1 | 61,996 | 65,887 | 69,840 | 75,363 | U |
| 14 | 62703F PERS UTILIZATION TECH | 1 | 5,299 | 5,391 | 7,194 | 7,921 | U |
| 15 | 62704F VERY HIGH SPEED INTEGRATED CIRCUITS | 1 | 41,541 | | | | U |
| | TECHNOLOGY BASE | | 613,987 | 620,732 | 706,708 | 747,209 | |
| 16 | 63103F ADVANCED AIRBORNE RADAR DEVELOPMENT | 2 | | | 3,475 | 15,330 | U |
| 17 | 63202F ACFT PROPULSION SUBSYS INTEGRATION | 2 | 18,416 | 23,013 | 21,468 | 27,875 | U |
| 18 | 63203F ADV AVIONICS FOR ACFT | 2 | 10,809 | 14,944 | 18,201 | 22,556 | U |
| 19 | 63205F FLT VEHICLE TECHNOLOGY | 2 | 7,874 | 6,675 | 7,301 | 9,979 | U |
| 20 | 63208F RECON SENSORS/PROCESSING TECHNOLOGY | 2 | 5,866 | 4,085 | 6,383 | 8,984 | U |

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APPROPRIATION: 3600 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO NUMBER | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C | E |
|---|---|-----|---------|---------|---------|-----------|---|
| 21 | 63211F AEROSPACE STRUCTURES/MATERIALS | 2 | 15,535 | 19,427 | 23,545 | 25,610 | U |
| 22 | 63215F AVIATION TURBINE FUEL TECHNOLOGY | 2 | 8,437 | 6,486 | 8,699 | 8,465 | U |
| 23 | 63216F ADV TURBINE ENGINE GAS GENERATOR | 2 | 30,940 | 33,278 | 30,979 | 33,128 | U |
| 24 | 63226F DOD COMMON PROG LANGUAGE(ADA)ADV DEV | 2 | | 6,974 | 6,930 | 5,748 | U |
| 25 | 63227F ADVANCED SIMULATOR TECHNOLOGY | 2 | 3,163 | 2,192 | 10,739 | 6,941 | U |
| 26 | 63231F CREW SYSTEMS TECHNOLOGY | 2 | | | 4,055 | 3,905 | U |
| 27 | 63245F ADV FIGHTER TECH INTEGRATION | 2 | 10,353 | 11,855 | 10,967 | 14,570 | U |
| 28 | 63246F AIRCRAFT SUBSYSTEMS TECH | 2 | 5,235 | | | | U |
| 29 | 63247F MODULAR AUTOMATIC TEST EQ | 2 | 12,650 | | | | U |
| 30 | 63250F LINCOLN LABORATORY | 2 | 22,452 | 22,117 | 23,079 | 25,898 | U |
| 31 | 63253F ADVANCED SYSTEM INTEGRATION DEMO | 2 | | 6,774 | 16,421 | 34,566 | U |
| 32 | 63259F CARTOON APPLICATIONS-TAC & STRAT SYS | 2 | | | 890 | 2,345 | U |
| 33 | 63302F ADV MSLE PROPULSION | 2 | 8,477 | 7,174 | 894 | 1,279 | U |
| 34 | 63363F HYPERVELOCITY MISSILE | 2 | | 8,070 | 992 | | U |
| 35 | 63410F SPACE SYS ENVIRON INTERACTIONS TECH | 2 | | | 1,583 | 2,637 | U |
| 36 | 63452F VERY HIGH SPEED INTEGRATED CIRCUITS | 2 | | 65,547 | 66,004 | 61,479 | U |
| 37 | 63601F CONVENTIONAL WEAPONS | 2 | 21,152 | 22,220 | 20,017 | 17,930 | U |
| 38 | 63603F SPACE LASER PROGRAM | 2 | | | 40,561 | 37,104 | U |
| 39 | 63605F ADVANCED RADIATION TECH | 2 | 58,237 | 75,516 | 95,120 | 92,400 | U |
| 40 | 63706F HEARTLINE DEMONSTRATION PROG | 2 | 2,058 | | | | U |
| 41 | 63723F CIVIL/ENVIRONMENTAL ENGR TECH | 2 | 3,839 | 3,885 | 4,502 | 5,163 | U |

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DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C | S E |
|--------------------------|---|-----|---------|---------|---------|-----------|--------|
| 42 | 63728F ADVANCED COMPUTER TECHNOLOGY | 2 | 4,438 | 4,782 | 4,957 | 5,816 | U |
| 43 | 63739F ADV DRONE/REMOTELY PILOTED VEH DEV | 2 | 4,722 | 2,789 | | | U |
| 44 | 63743F ELECTRO-OPTICAL WARFARE | 2 | 10,657 | 10,261 | 15,927 | 22,636 | U |
| 45 | 63750F COUNTER/COUNTERMEASURES -ADV DEV | 2 | 5,948 | 1,893 | 7,041 | 11,425 | U |
| 46 | 63751F INNOVATIONS IN EDUCATION/TRAINING | 2 | 1,676 | 2,491 | 3,073 | 6,309 | U |
| 47 | 63789F CMD/CNTRL/CMM ADV DEV | 2 | 11,100 | 10,162 | 18,295 | 21,286 | U |
| | ADVANCED TECHNOLOGY DEVELOPMENT | | 284,034 | 372,610 | 472,098 | 531,364 | |
| 48 | 63258F COMMON STRATEGIC ROTARY LAUNCHER (T+ | 3 | | 22,400 | 64,078 | 63,176 | U |
| 49 | 63311F ADVANCED STRATEGIC MISSILE SYSTEMS | 3 | 96,531 | 99,624 | 49,737 | 61,841 | U |
| 50 | 63312F ADVANCED CONCEPTS | 3 | | | 60,000 | 300,000 | U |
| 51 | 63318F COUNTER SUAWACS TECHNOLOGY PROG | 3 | 7,451 | | | | U |
| 52 | 63319F ADVANCED TECHNOLOGY CRUISE MISSILE | 3 | 15,468 | 34,887 | 26,782 | 20,537 | U |
| 53 | 63424F MSL SURVEILLANCE TECH | 3 | 10,058 | 13,848 | 9,745 | 7,674 | U |
| 54 | 63425F ADVANCED WARNING SYSTEMS | 3 | | 9,962 | 20,808 | 48,738 | U |
| 55 | 63426F POST-ATTACK RECONNAISSANCE | 3 | | | 9,919 | 24,449 | U |
| 56 | 63428F SPACE SURVEILLANCE TECHNOLOGY | 3 | 25,585 | 23,711 | 40,285 | 46,609 | U |
| 57 | 63429F WARNING INFORMATION CORRELATION | 3 | | | | | U |
| 58 | 63438F SATELLITE SYS SURVIVABILITY | 3 | 24,048 | | | | U |
| 59 | 63439F ADV SPACE APPLICATIONS PROGRAM | 3 | 2,647 | | | | U |
| 60 | 63703F CONUS OVER-THE-HORIZON RADAR | 3 | 15,920 | 4,284 | | | U |

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DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| LINE NO | PROGRAM ELEMENT NUMBER | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 | C |
|------------|------------------------------|-------------------------------------|-----|-----------|-----------|-----------|-----------|---|
| 61 | 63735F | WMCCS ARCHITECTURE | 3 | | | 15,110 | 14,413 | U |
| 62 | 64226F | B-1B | 3 | 260,124 | 471,000 | 753,500 | 717,900 | U |
| 63 | 64233F | TANKER TRANSPORT BOMBER TRNG SYS | 3 | | | 560 | 1,557 | U |
| 64 | 64312F | M-X | 3 | 1,491,626 | 1,963,157 | 2,759,332 | 2,651,476 | U |
| 65 | 64361F | AIR LAUNCHED CRUISE MISSILE | 3 | 108,925 | 103,741 | 186,838 | 63,030 | U |
| 66 | 64406F | SPACE DEFENSE SYS | 3 | 133,873 | 200,900 | 211,764 | 179,038 | U |
| 67 | 64711F | SYSTEMS SURVIVABILITY (NUC AFFECTS) | 3 | 12,149 | 12,055 | 13,948 | 17,361 | U |
| 68 | 64758F | COMPANION TRAINER AIRCRAFT DEV | 3 | 4,473 | | | | U |
| 69 | 11113F | B-52 SQUADRONS | 3 | 121,659 | 95,639 | 121,767 | 82,105 | U |
| 70 | 11118F | SHORT RANGE ATTACK (AGM-69) | 3 | | | | 4,890 | U |
| 71 | 11142F | KC-135 SQUADRONS | 3 | 20,145 | 31,780 | 28,950 | 11,792 | U |
| 72 | 11212F | TITAN SQUADRONS | 3 | 884 | | | | U |
| 73 | 11213F | MINUTEMAN SQUADRONS | 3 | 53,121 | 19,626 | 12,857 | 5,173 | U |
| 74 | 11312F | POST ATTACK CMD/CNTRL SYS | 3 | 9,797 | 9,365 | 24,034 | 34,366 | U |
| 75 | 11316F | SAC COMMUNICATIONS | 3 | 24,937 | 29,489 | 28,096 | 188 | U |
| 76 | 12310F | WMCCS ADP-NORAD/ADCOM | 3 | | 2,391 | 6,232 | 9,956 | U |
| 77 | 12311F | NORAD C&C | 3 | 15,954 | 23,511 | 25,378 | 35,097 | U |
| 78 | 12313F | BALLISTIC MSL TAC WNG/ATK ASSES SYS | 3 | | | 1,283 | 1,658 | U |
| 79 | 12325F | JOINT SURVEILLANCE SYSTEM | 3 | 9,661 | 1,295 | 1,187 | | U |
| 80 | 12411F | SURVEILL RADAR STATIONS/SITES | 3 | 8,289 | 4,284 | 1,147 | 1,123 | U |
| 81 | 12412F | DEW RADAR STATIONS | 3 | | | 7,995 | 38,468 | U |

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THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C |
|----------------------------------|--|-----|-----------|-----------|-----------|-----------|
| 82 | 12417F CONUS OVER-THE-HORIZON RADAR | 3 | | 17,235 | 79,175 | 103,991 U |
| 83 | 12423F BALLISTIC MSL EARLY WNG SYSTEM | 3 | 8,630 | 12,752 | 10,262 | 9,676 U |
| 84 | 12424F SPACETRACK | 3 | 6,658 | 7,970 | 5,542 | 5,146 U |
| 85 | 12431F DEFENSE SUPPORT PROGRAM | 3 | 87,570 | 145,750 | 120,447 | 50,275 U |
| 86 | 12432F SLBM RADAR WARNING SYSTEMS | 3 | | 3,786 | 2,570 | 4,295 U |
| 87 | 12433F INTEG OPERATIONAL NUDETS DETECT SYS | 3 | 4,000 | 6,974 | 19,885 | 9,470 U |
| 88 | 12450F SPACE DEFENSE OPS | 3 | 14,433 | 1,096 | 6,470 | 2,902 U |
| 89 | 33131F MINIMUM ESSENTIAL EMER COMM NETWORK | 3 | 14,780 | 45,429 | 49,606 | 39,993 U |
| 90 | 33152F WMMCCS INFORMATION SYSTEM | 3 | | | 8,366 | 7,287 U |
| 91 | 33601F AIR FORCE SAT COMM SYS | 3 | 25,901 | 80,114 | 50,901 | 29,945 U |
| 92 | 33603F MIL STRATEGIC TACTICAL + RELAY SYS | 3 | | | 79,784 | 256,990 U |
| 93 | 35158F SATELLITE DATA SYSTEM | 3 | 43,104 | 28,393 | 7,886 | 2,614 U |
| 94 | 35892F SPECIAL ANALYSIS ACTYS | 3 | | | | |
| | STRATEGIC PROGRAMS | | 2,730,762 | 3,570,448 | 4,973,010 | 4,993,335 |
| 95 | 63228F NEXT GENERATION TRAINER ACFT | 4 | | 14,645 | 52,365 | 97,860 U |
| 96 | 63230F ADVANCED TACTICAL FIGHTER | 4 | | | 27,338 | 49,577 U |
| 97 | 63234F ENFORCER | 4 | 7,787 | 6,000 | | U |
| 98 | 63239F ADV TACTICAL AIR RECONNAISSANCE SYS | 4 | | | 4,006 | 5,710 U |
| 99 | 63244F ACFT NON-NUCLEAR SURVIVABILITY | 4 | 1,683 | 1,594 | 2,011 | 2,067 U |
| 100 | 63249F NIGHT ATTACK PROGRAM | 4 | 57,209 | 3,088 | 4,491 | 3,912 U |
| 101 | 63257F ADVANCED CIVIL-MILITARY ACFT | 4 | | | | 972 U |

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DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO NUMBER | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C | |
|---|--|-----|---------|---------|---------|-----------|---|
| 102 | 63313F ADV MSL SUBSYSTEMS DEMONSTRATION | 4 | 3,293 | 5,878 | | | U |
| 103 | 63370F ADV MED RANGE A-A MSL | 4 | 22,884 | 1,296 | | | U |
| 104 | 63609F ADV ATTACK WEAPONS | 4 | 34,000 | 55,192 | 17,999 | | U |
| 105 | 63616F ADVANCED ASSAULT BREAKER DEV | 4 | 5,463 | | | | U |
| 106 | 63714F DOD PHYSICAL SECURITY EQ-EXTERIOR | 4 | 7,308 | 996 | 3,911 | 3,838 | U |
| 107 | 63718F ELECTRONIC WARFARE TECHNOLOGY | 4 | 14,078 | 11,756 | 18,724 | 21,087 | U |
| 108 | 63726F FIBER OPTICS DEVELOPMENT | 4 | | | 2,864 | 1,660 | U |
| 109 | 63727F ADVANCED COMMUNICATIONS TECHNOLOGY | 4 | 2,067 | 5,280 | 6,106 | 5,243 | U |
| 110 | 63742F COMBAT IDENTIFICATION TECHNOLOGY | 4 | 2,750 | 14,744 | 17,486 | 19,664 | U |
| 111 | 63745F CHEMICAL WARFARE DEFENSE | 4 | | 3,985 | 4,877 | 4,687 | U |
| 112 | 63746F SIDE LOOKING AIRBORNE RADAR | 4 | 22,331 | | | | U |
| 113 | 63747F PAVE MOVER | 4 | 15,060 | 5,180 | 2,003 | 4,202 | U |
| 114 | 63801F SPECIAL PROGRAMS | 4 | | | | | |
| 115 | 64201F ACFT AVIONICS EQUIPMENT DEVELOPMENT | 4 | 23,910 | 13,051 | 21,237 | 26,563 | U |
| 116 | 64212F AIRCRAFT EQUIPMENT DEV | 4 | 4,056 | 2,192 | 1,864 | 17,614 | U |
| 117 | 64218F ENGINE MODEL DERIVATIVE PROG | 4 | 73,654 | 38,510 | 10,254 | 20,511 | U |
| 118 | 64219F INTEGRATED DIGITAL AVIONICS | 4 | | 2,092 | | | U |
| 119 | 64220F EW COUNTER RESPONSE | 4 | | 9,165 | 27,335 | 22,217 | U |
| 120 | 64222F NUCLEAR WEAPONS SUPPORT | 4 | 2,240 | 1,694 | 2,298 | 2,059 | U |
| 121 | 64223F ALTERNATE FIGHTER ENGINE | 4 | | 34,869 | 94,125 | 83,125 | U |
| 122 | 64231F C-X PROGRAM | 4 | 33,420 | | | | U |

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THOUSANDS OF DOLLARS

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|----------------------------------|--|-----|---------|---------|---------|---------|---|
| 123 | 64247F MODULAR AUTOMATIC TEST EQUIPMENT | 4 | | 20,224 | 34,580 | 17,578 | U |
| 124 | 64249F NIGHT PRECISION ATTACK | 4 | | 87,271 | 103,758 | 93,799 | U |
| 125 | 64268F ACFT ENGINE COMPONENT IMPROVE PROG | 4 | 105,091 | 123,889 | 120,472 | 156,429 | U |
| 126 | 64314F ADV MED RANGE AIR-TO-AIR MSL | 4 | | 138,079 | 207,601 | 192,670 | U |
| 127 | 64321F JOINT TACTICAL FUSION PROGRAM | 4 | 5,423 | 5,280 | 9,908 | | U |
| 128 | 64362F GRD LAUNCHED CRUISE MSL | 4 | 107,618 | 80,065 | 28,581 | 23,950 | U |
| 129 | 64601F C/B DEFENSE EQUIPMENT | 4 | 8,870 | 8,767 | 16,339 | 16,247 | U |
| 130 | 64602F ARMAMENT ORDNANCE DEVELOPMENT | 4 | 20,550 | 25,205 | 20,648 | 21,776 | U |
| 131 | 64604F LOW ALTITUDE AFLD ATTACK SYS | 4 | 25,400 | | | | U |
| 132 | 64606F CONVENTIONAL STANDOFF WEAPON | 4 | | | 38,858 | 65,708 | U |
| 133 | 64607F WIDE-AREA ANTI-ARMOR MUNITION | 4 | 18,758 | 20,722 | 8,503 | 45,701 | U |
| 134 | 64608F CLOSE AIR SUPPORT WEAPONS SYSTEM | 4 | 46,760 | 24,906 | 5,412 | 570 | U |
| 135 | 64610F AIR DELIVERED LAND MINES | 4 | 4,764 | | | | U |
| 136 | 64612F LOW LEVEL LASER GUIDED BOMB | 4 | 6,639 | 8,269 | 3,016 | | U |
| 137 | 64614F MEDIUM RANGE AIR-TO-SURFACE MISSILE | 4 | 14,000 | 48,916 | 42,682 | 23,045 | U |
| 138 | 64616F AIR-LAUNCHED ASSAULT BREAKER | 4 | | 24,009 | 29,328 | 76,379 | U |
| 139 | 64706F LIFE SUPPORT SYSTEM | 4 | 9,120 | 10,959 | 12,417 | 20,130 | U |
| 140 | 64708F OTHER OPERATIONAL EQUIPMENT | 4 | 11,446 | 12,155 | 16,553 | 18,257 | U |
| 141 | 64710F RECONNAISSANCE EQUIPMENT | 4 | 14,855 | 11,357 | 7,695 | 23,781 | U |
| 142 | 64715F DOD PHYSICAL SECURITY EQ-EXTERIOR | 4 | 19,736 | 7,870 | 18,595 | 12,120 | U |
| 143 | 64724F TAC C3 COUNTER-MEASURES | 4 | 20,271 | 10,455 | 18,976 | 27,957 | U |

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THOUSANDS OF DOLLARS

| PROGRAM ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 | C |
|--------------------------|---|-----|---------|---------|---------|---------|---|
| 144 | 64725F COMBAT IDENTIFICATION SYSTEMS | 4 | 4,552 | 12,155 | 20,552 | 28,125 | U |
| 145 | 64733F SURFACE DEF SUPPRESSION | 4 | 8,605 | 9,564 | 4,740 | | U |
| 146 | 64737F AIRBORNE SELF-PROTECTION JAMMER | 4 | 12,273 | 54,096 | 46,726 | 35,133 | U |
| 147 | 64738F PROTECTIVE SYSTEMS | 4 | 62,787 | 108,491 | 110,234 | 53,148 | U |
| 148 | 64739F TACTICAL PROTECTIVE SYSTEMS | 4 | 25,359 | 23,711 | 28,093 | 26,959 | U |
| 149 | 64740F APPL FOR INFO PROCESSING TECH | 4 | 4,455 | 4,882 | 4,993 | 7,209 | U |
| 150 | 64742F PRECISION LOCATION STRIKE SYSTEM | 4 | 62,780 | 87,795 | 98,859 | 80,379 | U |
| 151 | 64746F EXPENDABLE DRONES | 4 | 5,574 | 10,468 | | | U |
| 152 | 64750F INTELLIGENCE EQUIPMENT | 4 | 15,607 | 14,744 | 18,469 | 16,894 | U |
| 153 | 64751F INTRA-THEATRE IMAGING SYSTEM | 4 | 2,175 | 498 | | | U |
| 154 | 64753F COMBAT HELICOPTER MODERNIZATION | 4 | | 18,829 | 32,347 | 17,977 | U |
| 155 | 64754F JT TAC INFO DIST SYS | 4 | 57,029 | 68,378 | 52,513 | 37,957 | U |
| 156 | 64756F SIDE LOOKING AIRBORNE RADAR (SLAR) | 4 | | 29,090 | 27,192 | 20,197 | U |
| 157 | 64757F SYSTEMS PROTECTION | 4 | 356 | | | | U |
| 158 | 64779F JT INTEROPERABILITY TAC COMD/CNTRL | 4 | 7,557 | 7,472 | 3,837 | 5,752 | U |
| 159 | 11133F SR-71 SQUADRONS | 4 | | | | | U |
| 160 | 27128F F-4 SQUADRONS | 4 | 4,525 | 6,276 | | | U |
| 161 | 27129F F-111 SQUADRONS | 4 | 5,288 | 2,690 | 39,290 | 36,571 | U |
| 162 | 27130F F-15 SQUADRONS | 4 | 10,991 | 32,288 | 125,318 | 127,292 | U |
| 163 | 27131F A-10 SQUADRONS | 4 | 34,796 | 13,947 | 6,488 | 4,845 | U |
| 164 | 27133F F-16 SQUADRONS | 4 | 41,857 | 57,284 | 86,142 | 220,202 | U |

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THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 | S E C |
|----------------------------------|---|-----|---------|---------|---------|---------|-------------|
| 165 | 27136F F-4G WILD WEASEL SQUADRONS | 4 | | | 21,472 | 18,020 | U |
| 166 | 27161F TACTICAL AIM MISSILE | 4 | 3,512 | | | | U |
| 167 | 27162F TACTICAL AGM MISSILES | 4 | 7,057 | 4,284 | 4,790 | 3,759 | U |
| 168 | 27247F TACTICAL SURVEILLANCE SYS | 4 | 299 | 299 | 285 | 281 | U |
| 169 | 27252F EF-111 SQUADRONS | 4 | 5,507 | | | | U |
| 170 | 27411F OVERSEAS AIR WEAPON CONT SYS | 4 | 1,000 | 2,291 | 3,486 | 3,429 | U |
| 171 | 27412F TACTICAL AIR CONTROL SYSTEM | 4 | 13,761 | 1,195 | 5,422 | 5,455 | U |
| 172 | 27415F USAF COMMAND/CONTROL SYS | 4 | 6,603 | | | | U |
| 173 | 27417F TAC AIRBORNE CMD/CNTRL SYS | 4 | 62,136 | 52,402 | 78,852 | 62,228 | U |
| 174 | 27423F ADV COMM SYS | 4 | 45,239 | 50,410 | 78,210 | 89,758 | U |
| 175 | 27431F TAC AIR INTELL SYS ACTYS | 4 | 2,944 | 9,066 | 8,253 | 7,811 | U |
| 176 | 27584F SEEK AXLE | 4 | | | | | |
| 177 | 27585F SEEK SPINNER | 4 | | | 26,900 | | |
| 178 | 27591F OMEGA | 4 | | | | | |
| 179 | 28008F AMRAAM OPER UTILITY EVAL | 4 | 1,500 | 3,088 | | | U |
| 180 | 28010F JT TACTICAL COMM PROG (TRI-TAC) | 4 | 18,512 | 26,899 | 52,875 | 22,661 | U |
| 181 | 35887F ELECTROMAGNETIC COMBAT INTEL SPT | 4 | | | 2,623 | 1,817 | U |
| 182 | 41115F C-130 AIRLIFT SQUADRONS (IF) | 4 | 9,000 | 14,944 | 688 | 486 | U |
| 183 | 41118F C-141 AIRLIFT SQUADRONS (IF) | 4 | 7,000 | | 1,282 | 1,948 | U |
| 184 | 41119F C-5 AIRLIFT SQUADRONS (IF) | 4 | 10,935 | 15,541 | 8,077 | 3,997 | U |
| 185 | 41123F MILITARY AIRLIFT GROUP (IF) | 4 | | | | 879 | U |

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UNCLASSIFIED

UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 3600 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 | |
|----------------------------------|--|-----|-----------|-----------|-----------|-----------|---|
| 186 | 41314F OPERATIONAL SUPPORT AIRLIFT | 4 | | | 2,557 | | U |
| | TACTICAL PROGRAMS | | 1,453,702 | 1,777,724 | 2,218,002 | 2,314,418 | |
| 187 | 63431F SPACE COMMUNICATIONS | 5 | 31,021 | 66,151 | 52,349 | 53,934 | U |
| 188 | 63735F WMCCS ARCHITECTURE | 5 | 13,373 | 8,966 | | | U |
| 189 | 64778F NAVSTAR GPS USER EQUIPMENT | 5 | 126,214 | 165,377 | 122,837 | 98,927 | U |
| 190 | 65708F AIRCRAFT NAVIGATION SYS VERIF | 5 | 1,577 | 1,694 | | | U |
| 191 | 31313F DEFENSE DISSEMINATION PROGRAM | 5 | 9,490 | 1,700 | | | U |
| 192 | 31314F INFRARED PROCESSING + EXPLOITATION | 5 | 2,400 | | | | U |
| 193 | 31315F MISSILE AND SPACE TECH COLLECTION | 5 | 19,596 | 15,700 | 651 | 1,580 | U |
| 194 | 31316F TECHNICAL SENSOR COLLECTION | 5 | | | 2,000 | 21,071 | U |
| 195 | 31317F SENIOR YEAR OPERATIONS | 5 | | | | | |
| 196 | 31324F FOREST GREEN | 5 | 28,494 | 21,200 | 31,802 | 41,627 | U |
| 197 | 31357F INTEG OPERATIONAL NUDETS DETECT SYS | 5 | | 4,500 | 1,996 | 1,099 | U |
| 198 | 33110F DEF SATELLITE COMM SYS | 5 | 35,093 | 40,149 | 53,126 | 25,815 | U |
| 199 | 33126F LONG-HAUL COMMUNICATIONS (DCS) | 5 | 10,854 | 7,970 | 9,537 | 10,337 | U |
| 200 | 33144F ELECTROMAG COMPATIBILITY ANAL CTR | 5 | 6,091 | 6,880 | 7,251 | 7,239 | U |
| 201 | 33401F COMMUNICATIONS SECURITY | 5 | 3,538 | 1,594 | 1,621 | 1,593 | U |
| 202 | 34111F SPECIAL ACTIVITIES | 5 | 687,506 | 942,933 | 1,128,400 | 1,036,100 | U |
| 203 | 35114F TRAFFIC CNTRL/APPROACH/LANDING SYS | 5 | 2,997 | 5,280 | 5,060 | 3,907 | U |
| 204 | 35156F SUPPORT PROGRAM | 5 | | | | | |

UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE
 FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 3600 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO NUMBER | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C |
|---|--|-----|---------|-----------|-----------|-----------|
| 205 | 35165F NAVSTAR GPS (SPACE/GRD SEGMENTS) INTELLIGENCE AND COMMUNICATIONS | 6 | 984,978 | 1,305,352 | 1,418,213 | 1,334,519 |
| 206 | 63248F CONCEPT DEVELOPMENT | 6 | | | 984 | 3,275 U |
| 207 | 63401F SPACE VEHICLE SUBSYSTEMS | 6 | 9,870 | | 4,339 | 6,523 U |
| 208 | 63402F SPACE TEST PROGRAM | 6 | 40,978 | 42,639 | 62,573 | 73,738 U |
| 209 | 63406F ADV MIL SPACEFLIGHT CAPABILITY | 6 | | | 2,670 | 3,366 U |
| 210 | 63438F SATELLITE SYS SURVIVABILITY | 6 | | 11,058 | 22,525 | 38,304 U |
| 211 | 63707F WEATHER SYSTEMS | 6 | 2,663 | 2,889 | 3,438 | 3,367 U |
| 212 | 64211F ADV AERIAL TARGETS DEV | 6 | 16,698 | 12,254 | 13,856 | 14,193 U |
| 213 | 64227F FLIGHT SIMULATOR DEVELOPMENT | 6 | 5,549 | 11,258 | 5,439 | 8,456 U |
| 214 | 64411F SPACE SHUTTLE | 6 | 246,265 | 266,000 | 355,629 | 293,068 U |
| 215 | 64707F WEATHER SYSTEMS | 6 | 3,593 | 3,786 | 4,064 | 8,417 U |
| 216 | 64735F RANGE IMPROVEMENT | 6 | 11,909 | 22,615 | 25,311 | 22,933 U |
| 217 | 64747F ELECTROMAG RADIATION TEST FACIL | 6 | 3,756 | 3,088 | 7,487 | 7,459 U |
| 218 | 64755F IMPROVED CAPABILITY FOR DT+E | 6 | | | 46,478 | 59,423 U |
| 219 | 65101F PROJECT AIR FORCE | 6 | 12,902 | 13,748 | 16,231 | 16,954 U |
| 220 | 65304F ACQ/COMD SPT - TELECOM | 6 | 4,447 | 4,682 | 4,764 | 5,034 U |
| 221 | 65306F RANCH HAND II EPIDEMIOLOGY STUDY | 6 | | 3,885 | 840 | 5,234 U |
| 222 | 65708F AIRCRAFT NAVIGATION SYS VERIF | 6 | | | 15,590 | 18,095 U |
| 223 | 65806F ACQUISITION AND COMMAND SUPPORT | 6 | 236,046 | 241,702 | 269,229 | 274,306 U |
| 224 | 65807F TEST AND EVALUATION SPT | 6 | 334,687 | 360,773 | 354,273 | 383,229 U |

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DEPARTMENT OF THE AIR FORCE
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 3600 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| LINE NO | PROGRAM ELEMENT NUMBER | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C |
|------------|------------------------------|---|-----|-----------|-----------|------------|------------|
| 225 | 65808F | ADV SYS ENGINEERING/PLAN | 6 | 4,091 | 4,981 | 5,443 | 5,894 U |
| 226 | 65872F | PRODUCTIVITY IMPROVEMENT | 6 | | | 2,201 | 2,271 U |
| 227 | 65890F | INSTL AUDIOVISUAL SPT (R/D) | 6 | 5,064 | 4,420 | 5,622 | 5,756 U |
| 228 | 65898F | MGT HQ (RESEARCH/DEV) | 6 | 32,246 | 32,440 | 35,341 | 35,766 U |
| 229 | 35110F | SATELLITE CONTROL FACILITY | 6 | 15,387 | 67,645 | 60,219 | 66,350 U |
| 230 | 35119F | SPACE BOOSTERS | 6 | 29,394 | 19,228 | 15,011 | 10,623 U |
| 231 | 35130F | CONSOLIDATED SPACE OPERATIONS CENTER | 6 | 3,781 | 19,427 | 32,116 | 59,328 U |
| 232 | 35160F | DEF METEOROLOGICAL SATELLITE PROG | 6 | 18,902 | 47,222 | 27,751 | 35,370 U |
| 233 | 35171F | SPACE LAUNCH SUPPORT | 6 | 15,000 | 20,151 | 16,419 | 40,346 U |
| 234 | 78011F | INDUSTRIAL PREPAREDNESS | 6 | | | 1,977 | 4,867 U |
| 235 | 78019F | UTAH TESTING + TRAINING RANGE | 6 | 1,776 | 1,793 | 2,080 | 2,338 U |
| 236 | 78026F | PRODUCT/RELIABLE/AVAIL/MAINTAIN PROG | 6 | 8,561 | 9,165 | 9,681 | 10,145 U |
| 237 | 01004F | INTERNATIONAL ACTIVITIES | 6 | 2,319 | 2,595 | 2,788 | 2,762 U |
| | | DEFENSEWIDE MISSION SUPPORT | | 1,065,884 | 1,229,444 | 1,432,369 | 1,527,190 |
| | | TOTAL RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE | | 7,133,347 | 8,876,310 | 11,220,400 | 11,448,035 |

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DEFENSE AGENCIES

UNCLASSIFIED

DEFENSE AGENCIES
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

DATE: 08 FEB 1982

SUMMARY

THOUSANDS OF DOLLARS

| | FY 1981 | FY 1982 | FY 1983 | FY 1984 |
|--|-----------|-----------|-----------|-----------|
| SUMMARY RECAP OF RESEARCH CATEGORIES | | | | |
| RESEARCH | 102,414 | 93,050 | 113,900 | 146,824 |
| EXPLORATORY DEVELOPMENT | 671,864 | 836,843 | 963,200 | 1,158,501 |
| ADVANCED DEVELOPMENT | 15,054 | 17,166 | 19,125 | 19,984 |
| ENGINEERING DEVELOPMENT | 5,883 | 6,034 | 10,082 | 12,667 |
| MANAGEMENT AND SUPPORT | 44,585 | 46,450 | 62,600 | 67,349 |
| RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6) | 839,800 | 999,543 | 1,168,907 | 1,405,325 |
| OPERATIONAL SYSTEMS DEVELOPMENT | 469,148 | 698,103 | 1,090,993 | 1,506,744 |
| TOTAL RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES | 1,308,948 | 1,697,646 | 2,259,900 | 2,912,069 |
| SUMMARY RECAP OF BUDGET ACTIVITIES | | | | |
| TECHNOLOGY BASE | 774,278 | 929,893 | 1,077,100 | 1,305,325 |
| STRATEGIC PROGRAMS | 38,224 | 84,341 | 86,100 | 70,245 |
| TACTICAL PROGRAMS | 451,861 | 634,243 | 1,033,400 | 1,468,404 |
| INTELLIGENCE AND COMMUNICATIONS | 44,585 | 46,450 | 62,600 | 67,349 |
| DEFENSEWIDE MISSION SUPPORT | | | | |
| TOTAL RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES | 1,308,948 | 1,697,646 | 2,259,900 | 2,912,069 |
| SUMMARY RECAP OF FYDP PROGRAMS | | | | |
| GENERAL PURPOSE FORCES | 469,148 | 2,719 | 700 | 746 |
| INTELLIGENCE AND COMMUNICATIONS | 839,800 | 695,384 | 1,090,293 | 1,505,998 |
| RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6) | | 999,543 | 1,168,907 | 1,405,325 |
| TOTAL RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES | 1,308,948 | 1,697,646 | 2,259,900 | 2,912,069 |
| SUMMARY RECAP OF DEFENSE AGENCIES | | | | |
| DEFENSE MAPPING AGENCY | 20,148 | 20,900 | 31,800 | 34,144 |
| DEPARTMENT OF DEFENSE (OSD AND OASDS) | 21,293 | 676,262 | 756,800 | 954,154 |
| DEFENSE ADVANCED RESEARCH PROJECTS AGENCY | 580,184 | | | |
| NATIONAL SECURITY AGENCY | 199,771 | 259,757 | 326,600 | 357,547 |
| DEFENSE NUCLEAR AGENCY | | 105,260 | 107,725 | 93,087 |
| DEFENSE RECONNAISSANCE SUPPORT PROGRAM | 52,603 | | | |
| DEFENSE COMMUNICATIONS AGENCY | | 17,774 | 22,700 | 25,005 |
| DEFENSE INTELLIGENCE AGENCY | 16,215 | 1,650 | 1,800 | 1,824 |
| DEFENSE LOGISTICS AGENCY | 1,400 | | | |
| UNIFORMED SERVICES UNIVERSITY HEALTH SCIENCES | | | | |
| TOTAL RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES | 1,308,948 | 1,697,646 | 2,259,900 | 2,912,069 |

UNCLASSIFIED

DEFENSE AGENCIES
 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES

DATE: 06 FEB 1982

PROGRAM ELEMENT NO NUMBER ITEM NOMENCLATURE ACT FY 1981 FY 1982 FY 1983 FY 1984 C E

| THOUSANDS OF DOLLARS | | | | | | | | |
|----------------------|--------------------|---------------------------------------|-----|---------|---------|-----------|-----------|---|
| LINE NO | PROGRAM ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C | E |
| 1 | 61101E | DEFENSE RESEARCH SCIENCES | 1 | 101,014 | 91,400 | 112,100 | 145,000 | U |
| 2 | 61101W | IN-HOUSE LAB INDEPENDENT RESEARCH | 1 | 1,400 | 1,650 | 1,800 | 1,824 | U |
| 3 | 62101E | TECHNICAL STUDIES | 1 | 3,145 | 3,000 | 3,300 | 3,600 | U |
| 4 | 62301E | STRATEGIC TECHNOLOGY | 1 | 125,354 | 148,631 | 151,900 | 160,000 | U |
| 5 | 62702E | TACTICAL TECHNOLOGY | 1 | 84,348 | 80,415 | 93,900 | 126,200 | U |
| 6 | 62707E | PARTICLE BEAM TECHNOLOGY | 1 | | 32,500 | 31,000 | 31,000 | U |
| 7 | 62708E | INTEGRATED CMD/CONTROL TECH | 1 | 32,752 | 45,400 | 55,300 | 62,800 | U |
| 8 | 62711E | EXPERIMENTAL EVAL MAJ INNOVATIVE TECH | 1 | 199,449 | 237,040 | 268,500 | 375,554 | U |
| 9 | 62712E | MATERIALS PROCESSING TECH | 1 | 11,977 | 13,300 | 15,400 | 19,300 | U |
| 10 | 62714E | NUCLEAR MONITORING | 1 | 15,068 | 16,800 | 17,300 | 22,500 | U |
| 11 | 62715H | DEFENSE NUCLEAR AGENCY | 1 | 199,771 | 259,757 | 326,600 | 357,547 | U |
| | | TECHNOLOGY BASE | | 774,278 | 929,893 | 1,077,100 | 1,305,325 | |
| 12 | 63735K | WMCCS ARCHITECTURE | 3 | 789 | 1,166 | 1,262 | 1,400 | U |
| 13 | 32016K | NMCS-WIDE SUPPORT | 3 | 5,284 | 9,278 | 7,906 | 8,570 | U |
| 14 | 32017K | WMCCS ADP-JTSA | 3 | 5,787 | 14,261 | 23,355 | 19,955 | U |
| 15 | 32019K | WMCCS SYSTEM ENGINEER | 3 | 22,774 | 49,269 | 43,732 | 29,327 | U |
| 16 | 33131K | MINIMUM ESSENTIAL EMER COMM NETWORK | 3 | 3,590 | 6,483 | 9,845 | 10,993 | U |

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DEFENSE AGENCIES
 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NUMBER | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 | C |
|--------------------------------------|--|-----|---------|---------|-----------|-----------|---|
| 17 | 33152K WMMCCS INFORMATION SYSTEM | 3 | | 3,884 | | | U |
| | STRATEGIC PROGRAMS | | 38,224 | 84,341 | 86,100 | 70,245 | |
| 18 | 21135K CINC C2 INITIATIVES | 4 | | 2,719 | 700 | 746 | U |
| 19 | 63701B MAP/CHART/GEODESY INV/PROTOTYPE DEV | 5 | 14,265 | 16,000 | 17,863 | 18,584 | U |
| 20 | 64701B MAP/CHART/GEODESY ENGR DEV/TEST | 5 | 5,883 | 6,034 | 10,082 | 12,667 | U |
| 21 | 310110 CRYPTOLOGIC ACTIVITIES | 5 | | | | | |
| | GENERAL DEFENSE INTELLIGENCE PROGRAM | 5 | | | | | |
| 22 | 33126K LONG-HAUL COMMUNICATIONS (DCS) | 5 | 14,379 | 18,200 | 18,935 | 19,136 | U |
| 24 | 33127K SUPPORT OF THE NCS | 5 | | | 1,990 | 2,960 | U |
| 25 | 334010 COMMUNICATIONS SECURITY | 5 | | | | | |
| 26 | 35159B DEFENSE RECONNAISSANCE SUPPORT PROGRAM | 5 | | | | | |
| 27 | 35159I DEFENSE RECONNAISSANCE SUPPORT ACTIVITIES | 5 | | | | | |
| 28 | 351670 COMPUTER SECURITY | 5 | | | | | |
| 29 | 358850 TACTICAL CRYPTOLOGIC ACTIVITIES | 5 | | | | | |
| | INTELLIGENCE AND COMMUNICATIONS | | 451,861 | 634,243 | 1,033,400 | 1,468,404 | |
| 30 | 65104D TECHNICAL SUPPORT TO USDR/E | 6 | 11,200 | 12,100 | 16,649 | 19,719 | U |
| 31 | 65106D GENERAL SUPPORT FOR PA/E | 6 | 2,205 | 2,200 | 3,712 | 4,294 | U |
| 32 | 65107D SUPPORT TO POLICY | 6 | 3,355 | 2,100 | 4,419 | 1,652 | U |
| 33 | 65108D GENERAL SUPPORT FOR NET ASSESSMENT | 6 | 1,918 | 1,900 | 4,006 | 4,847 | U |
| | GENERAL SUPPORT FOR MRA/L | 6 | 2,615 | 2,600 | 3,014 | 3,632 | U |

UNCLASSIFIED

DEFENSE AGENCIES
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES

DATE: 08 FEB 1982

| PROGRAM LINE ELEMENT NO NUMBER | ITEM NOMENCLATURE | ACT | THOUSANDS OF DOLLARS | | | |
|---|--------------------------------------|-----|----------------------|---------|---------|-----------|
| | | | FY 1981 | FY 1982 | FY 1983 | FY 1984 C |
| 35 | 65801S DEFENSE TECHNICAL INFO CENTER | 6 | 13,233 | 14,574 | 17,560 | 18,343 U |
| 36 | 65802S INFORMATION ANALYSIS CENTERS | 6 | 2,982 | 3,200 | 5,140 | 6,662 U |
| 37 | 65898E MGT HQ (RESEARCH/DEVELOPMENT) | 6 | 7,077 | 7,776 | 8,100 | 8,200 U |
| | DEFENSEWIDE MISSION SUPPORT | | 44,585 | 46,450 | 62,600 | 67,349 |

TOTAL RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES

| | | | |
|-----------|-----------|-----------|-----------|
| 1,308,948 | 1,697,646 | 2,259,900 | 2,912,069 |
|-----------|-----------|-----------|-----------|

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UNCLASSIFIED

DEFENSE AGENCIES
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

DATE: 08 FEB 1982

SUMMARY

THOUSANDS OF DOLLARS

| | FY 1981 | FY 1982 | FY 1983 | FY 1984 |
|--|---------|---------|---------|---------|
| SUMMARY RECAP OF RESEARCH CATEGORIES | | | | |
| MANAGEMENT AND SUPPORT | 42,100 | 53,000 | 60,000 | 63,702 |
| RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6) | 42,100 | 53,000 | 60,000 | 63,702 |
| TOTAL DIRECTOR OF TEST + EVALUATION, DEFENSE | 42,100 | 53,000 | 60,000 | 63,702 |
| SUMMARY RECAP OF BUDGET ACTIVITIES | | | | |
| DEFENSEWIDE MISSION SUPPORT | 42,100 | 53,000 | 60,000 | 63,702 |
| TOTAL DIRECTOR OF TEST + EVALUATION, DEFENSE | 42,100 | 53,000 | 60,000 | 63,702 |
| SUMMARY RECAP OF FYDP PROGRAMS | | | | |
| RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6) | 42,100 | 53,000 | 60,000 | 63,702 |
| TOTAL DIRECTOR OF TEST + EVALUATION, DEFENSE | 42,100 | 53,000 | 60,000 | 63,702 |

UNCLASSIFIED

DEFENSE AGENCIES
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 0450 D DIRECTOR OF TEST + EVALUATION, DEFENSE

DATE: 08 FEB 1982

| PROGRAM LINE ELEMENT NO NUMBER | ITEM NOMENCLATURE | ACT | THOUSANDS OF DOLLARS | | | | S E C |
|--|-----------------------------------|-----|----------------------|---------|---------|---------|-------------|
| | | | FY 1981 | FY 1982 | FY 1983 | FY 1984 | |
| 1 | 65111D FOREIGN WEAPONS EVALUATION | 6 | 9,150 | 10,900 | 11,600 | 13,314 | U |
| 2 | 65804D TEST AND EVALUATION | 6 | 32,950 | 42,100 | 48,400 | 50,388 | U |
| | DEFENSEWIDE MISSION SUPPORT | | 42,100 | 53,000 | 60,000 | 63,702 | |
| TOTAL DIRECTOR OF TEST + EVALUATION, DEFENSE | | | 42,100 | 53,000 | 60,000 | 63,702 | |

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 DEFENSE MAPPING AGENCY
 FY 1983 R D T & E PROGRAM

EXHIBIT R-1

DATE: 08 FEB 1982
 THOUSANDS OF DOLLARS

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST & EVAL DEF AGENCIES

| PROGRAM ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 |
|--------------------------|---|-----|---------|---------|---------|---------|
| 19 | 63701B MAP/CHART/GEODESY INV/PROTOTYPE DEV | 5 | 14,265 | 16,000 | 17,863 | 18,584 |
| 20 | 64701B MAP/CHART/GEODESY ENGR DEV/TEST | 5 | 5,883 | 6,034 | 10,082 | 12,667 |
| 26 | 35159B DEFENSE RECONNAISSANCE SUPPORT PROGRAM | 5 | | | | |
| | INTELLIGENCE AND COMMUNICATIONS | | 20,148 | | | |
| | TOTAL DEFENSE MAPPING AGENCY | | 20,148 | | | |

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UNCLASSIFIED

DEPARTMENT OF DEFENSE (OSD AND OASDS)
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST & EVAL DEF AGENCIES

DATE: 08 FEB 1982

| PROGRAM LINE ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 |
|----------------------------------|---|-----|---------|---------|---------|----------|
| NUMBER | | | | | | |
| | | | | | | |
| 30 | 65104D TECHNICAL SUPPORT TO USDR/E | 6 | 11,200 | 12,100 | 16,649 | 19,719 U |
| 31 | 65106D GENERAL SUPPORT FOR PA/E | 6 | 2,205 | 2,200 | 3,712 | 4,294 U |
| 32 | 65107D SUPPORT TO POLICY | 6 | 3,355 | 2,100 | 4,419 | 1,652 U |
| 33 | 65108D GENERAL SUPPORT FOR NET ASSESSMENT | 6 | 1,918 | 1,900 | 4,006 | 4,847 U |
| 34 | 65109D GENERAL SUPPORT FOR MRA/L | 6 | 2,615 | 2,600 | 3,014 | 3,632 U |
| | DEFENSEWIDE MISSION SUPPORT | | 21,293 | 20,900 | 31,800 | 34,144 |
| | TOTAL DEPARTMENT OF DEFENSE (OSD AND OASDS) | | 21,293 | 20,900 | 31,800 | 34,144 |

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DEFENSE ADVANCED RESEARCH PROJECTS AGENCY
 FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST & EVAL DEF AGENCIES

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 | C |
|----------------------------------|---|-----|---------|---------|---------|---------|---|
| 1 | 61101E DEFENSE RESEARCH SCIENCES | 1 | 101,014 | 91,400 | 112,100 | 145,000 | U |
| 3 | 62101E TECHNICAL STUDIES | 1 | 3,145 | 3,000 | 3,300 | 3,600 | U |
| 4 | 62301E STRATEGIC TECHNOLOGY | 1 | 125,354 | 148,631 | 151,900 | 160,000 | U |
| 5 | 62702E TACTICAL TECHNOLOGY | 1 | 84,348 | 80,415 | 93,900 | 126,200 | U |
| 6 | 62707E PARTICLE BEAM TECHNOLOGY | 1 | 32,752 | 32,500 | 31,000 | 31,000 | U |
| 7 | 62708E INTEGRATED CMD/CONTROL TECH | 1 | 32,752 | 45,400 | 55,300 | 62,800 | U |
| 8 | 62711E EXPERIMENTAL EVAL MAJ INNOVATIVE TECH | 1 | 199,449 | 237,040 | 268,500 | 375,554 | U |
| 9 | 62712E MATERIALS PROCESSING TECH | 1 | 11,977 | 13,300 | 15,400 | 19,300 | U |
| 10 | 62714E NUCLEAR MONITORING TECHNOLOGY BASE | 1 | 15,068 | 16,800 | 17,300 | 22,500 | U |
| | | | 573,107 | 668,486 | 748,700 | 945,954 | |
| 37 | 65898E MGT HQ (RESEARCH/DEVELOPMENT) | 6 | 7,077 | 7,776 | 8,100 | 8,200 | U |
| | TOTAL DEFENSE ADVANCED RESEARCH PROJECTS AGENCY | | 580,184 | 676,262 | 756,800 | 954,154 | |

UNCLASSIFIED

NATIONAL SECURITY AGENCY
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

DATE: 08 FEB 1982

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST & EVAL DEF AGENCIES

THOUSANDS OF DOLLARS

PROGRAM
ELEMENT
NO NUMBER

ITEM NOMENCLATURE

ACT

FY 1981

FY 1982

FY 1983

FY 1984 C

| | | | | | | |
|----|--------|---------------------------------|---|--|--|--|
| 21 | 310110 | CRYPTOLOGIC ACTIVITIES | 5 | | | |
| 25 | 334010 | COMMUNICATIONS SECURITY | 5 | | | |
| 28 | 351670 | COMPUTER SECURITY | 5 | | | |
| 29 | 358850 | TACTICAL CRYPTOLOGIC ACTIVITIES | 5 | | | |
| | | INTELLIGENCE AND COMMUNICATIONS | | | | |

TOTAL NATIONAL SECURITY AGENCY

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UNCLASSIFIED

S
E

UNCLASSIFIED

DEFENSE NUCLEAR AGENCY
 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST & EVAL DEF AGENCIES

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C |
|-------------------------------|-------------------------------|-----|---------|---------|---------|-----------|
| 11 | 62715H DEFENSE NUCLEAR AGENCY | 1 | 199,771 | 259,757 | 326,600 | 357,547 U |
| | TOTAL DEFENSE NUCLEAR AGENCY | | 199,771 | 259,757 | 326,600 | 357,547 |

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DEFENSE RECONNAISSANCE SUPPORT PROGRAM
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST & EVAL DEF AGENCIES

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 |
|----------------------------------|--|-----|---------|---------|---------|---------|
| 27 | 351501 DEFENSE RECONNAISSANCE SUPPORT ACTIVITIES | 5 | | | | |
| | TOTAL DEFENSE RECONNAISSANCE SUPPORT PROGRAM | | | | | |

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DEFENSE COMMUNICATIONS AGENCY
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST & EVAL DEF AGENCIES

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 | -----S E C |
|--------------------------|--|-----|---------|---------|---------|---------|------------------|
| 12 | 63735K WMMCCS ARCHITECTURE | 3 | 789 | 1,166 | 1,262 | 1,400 | U |
| 13 | 32016K NMCS-WIDE SUPPORT | 3 | 5,284 | 9,278 | 7,906 | 8,570 | U |
| 14 | 32017K WMMCCS ADP-JTSA | 3 | 5,787 | 14,261 | 23,355 | 19,955 | U |
| 15 | 32019K WMMCCS SYSTEM ENGINEER | 3 | 22,774 | 49,269 | 43,732 | 29,327 | U |
| 16 | 33131K MINIMUM ESSENTIAL EMER COMM NETWORK | 3 | 3,590 | 6,483 | 9,845 | 10,993 | U |
| 17 | 33152K WMMCCS INFORMATION SYSTEM | 3 | | 3,884 | | | U |
| | STRATEGIC PROGRAMS | | 38,224 | 84,341 | 86,100 | 70,245 | |
| 18 | 21135K CINC C2 INITIATIVES | 4 | | 2,719 | 700 | 746 | U |
| 23 | 33126K LONG-HAUL COMMUNICATIONS (DCS) | 5 | 14,379 | 18,200 | 18,935 | 19,136 | U |
| 24 | 33127K SUPPORT OF THE NCS | 5 | | | 1,990 | 2,960 | U |
| | INTELLIGENCE AND COMMUNICATIONS | | 14,379 | 18,200 | 20,925 | 22,096 | |
| | TOTAL DEFENSE COMMUNICATIONS AGENCY | | 52,603 | 105,260 | 107,725 | 93,087 | |

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DEFENSE INTELLIGENCE AGENCY
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST & EVAL DEF AGENCIES

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C |
|-----------------------------------|---|-----|---------|---------|---------|-----------|
| 22 | 31301L GENERAL DEFENSE INTELLIGENCE PROGRAM | 5 | | | | |
| TOTAL DEFENSE INTELLIGENCE AGENCY | | | | | | |

5

TOTAL DEFENSE INTELLIGENCE AGENCY

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DEFENSE LOGISTICS AGENCY
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST & EVAL DEF AGENCIES

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM ELEMENT NO NUMBER | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C | S |
|---------------------------------|--------------------------------------|-----|---------|---------|---------|-----------|---|
| 35 | 65801S DEFENSE TECHNICAL INFO CENTER | 6 | 13,233 | 14,574 | 17,560 | 18,343 | U |
| 36 | 65802S INFORMATION ANALYSIS CENTERS | 6 | 2,982 | 3,200 | 5,140 | 6,662 | U |
| | DEFENSEWIDE MISSION SUPPORT | | 16,215 | 17,774 | 22,700 | 25,005 | |

TOTAL DEFENSE LOGISTICS AGENCY

16,215 17,774 22,700 25,005

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UNIFORMED SERVICES UNIVERSITY HEALTH SCIENCES
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST & EVAL DEF AGENCIES

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

| PROGRAM LINE ELEMENT NO | ITEM NOMENCLATURE | ACT | FY 1981 | FY 1982 | FY 1983 | FY 1984 C | E |
|----------------------------------|--|-----|---------|---------|---------|-----------|---|
| 2 | 61101W IN-HOUSE LAB INDEPENDENT RESEARCH | 1 | 1,400 | 1,650 | 1,800 | 1,824 | U |

TOTAL UNIFORMED SERVICES UNIVERSITY HEALTH SCIENCES

1,400 1,650 1,800 1,824

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|---|----------------------|-----------|---|
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