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# 100 COMPANIES

COMPANIES RECEIVING THE LARGEST DOLLAR VOLUME  
OF PRIME CONTRACT AWARDS

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Fiscal Year 1964

DEPARTMENT OF DEFENSE  
OASD (COMPTROLLER)  
DIRECTORATE FOR INFORMATION OPERATIONS

Best Available Copy

# 100 COMPANIES AND THEIR SUBSIDIARY CORPORATIONS

## LISTED ACCORDING TO NET VALUE OF MILITARY

### PRIME CONTRACT AWARDS

Fiscal Year 1964  
(July 1963 - June 1964)

The 100 companies and their subsidiaries which received the largest dollar volume of military prime contracts of \$10,000 or more in fiscal year 1964 accounted for 73.4% of the United States total. This is a decrease of 0.5 percentage points from the 73.9% during fiscal year 1963. The table below shows that the 73.4% of prime contracts awarded to the top 100 corporate groups during fiscal year 1964 was somewhat lower than the average over the last 7 years. The first 10 companies had 1.7% more of the total than in fiscal year 1963, while the remaining companies had an overall decrease of 2.2%. It should be noted that about one-half of the military work of the large concerns is subcontracted with approximately 40% of the amount subcontracted going to small business concerns.

### Percent of U. S. Total

| <u>Companies</u> | <u>FY 1958</u> | <u>FY 1959</u> | <u>FY 1960</u> | <u>FY 1961</u> | <u>FY 1962</u> | <u>FY 1963</u> | <u>FY 1964</u> |
|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 1st              | 9.8%           | 7.2%           | 6.0%           | 6.5%           | 5.6%           | 5.9%           | 5.8%           |
| 2nd              | 6.4            | 5.2            | 5.1            | 5.2            | 4.7            | 5.2            | 5.4            |
| 3rd              | 3.6            | 4.5            | 4.8            | 5.2            | 4.4            | 4.1            | 4.6            |
| 4th              | 3.5            | 4.1            | 4.6            | 4.1            | 4.0            | 4.0            | 4.1            |
| 5th              | 3.0            | 4.0            | 4.3            | 3.8            | 3.8            | 4.0            | 3.9            |
| 1 - 5            | <u>26.3%</u>   | <u>25.0%</u>   | <u>24.8%</u>   | <u>24.8%</u>   | <u>22.5%</u>   | <u>23.2%</u>   | <u>23.8%</u>   |
| 6 - 10           | 12.4           | 12.0           | 11.3           | 11.8           | 11.1           | 10.9           | 12.0           |
| 11 - 25          | 19.1           | 17.6           | 17.4           | 18.2           | 17.2           | 17.8           | 17.1           |
| 1 - 25           | <u>57.8%</u>   | <u>54.6%</u>   | <u>53.5%</u>   | <u>54.8%</u>   | <u>50.8%</u>   | <u>51.9%</u>   | <u>52.9%</u>   |
| 26 - 50          | 9.1            | 10.7           | 11.3           | 11.0           | 12.6           | 13.7           | 12.9           |
| 51 - 75          | 4.8            | 5.5            | 5.4            | 5.5            | 6.0            | 5.5            | 5.2            |
| 76 - 100         | 2.5            | 3.0            | 3.2            | 2.9            | 2.9            | 2.6            | 2.5            |
| 1 - 100          | <u>74.2%</u>   | <u>73.8%</u>   | <u>73.4%</u>   | <u>74.2%</u>   | <u>72.3%</u>   | <u>73.9%</u>   | <u>73.4%</u>   |

Boeing Company in second place with contract awards of \$1,365.2 million (5.4%), occupies the same position as in fiscal year 1963. Its contract work was almost entirely in aircraft and missiles. The principal missile project is the Minuteman ICBM Missile. Aircraft projects include KC-135 Troop and Cargo Transports, CH-47A Chinook Troop Transport, CH-46A Sea Knight Assault Transport Helicopters, and modification of B-52 Strato Fortress bombers.

McDonnell Aircraft Corp., whose contracts totalled \$1,157.4 million (4.6%), ranks third. This compares with a contract value of \$497.0 million and 9th position in fiscal year 1963. The prime contract work of the company is predominantly for the production of the F-4 series of Phantom II fighter-bomber and reconnaissance aircraft for Navy and Air Force.

North American Aviation, Inc. received \$1,019.5 million (4.1%) in awards, dropping from 3rd place in fiscal year 1963 to 4th place in fiscal year 1964. Its major projects include research and development of the B-70 aircraft, the production of the A-5 Vigilante and T-39 Sabreliner aircraft, missile propulsion equipment, and a wide variety of electronic equipment, including guidance and control for the Minuteman missile and for ship navigational systems.

INDEX OF 100 PARENT COMPANIES WHICH WITH THEIR SUBSIDIARIES RECEIVED THE  
LARGEST DOLLAR VOLUME OF MILITARY PRIME CONTRACT AWARDS IN FISCAL YEAR 1964

| Rank | Parent Company                            | Rank | Parent Company                            |
|------|-------------------------------------------|------|-------------------------------------------|
| 45.  | Aerospace Corp. (N)                       | 34.  | Kaiser Industries Corp.                   |
| 87.  | American Bosch Arms Corp.                 | 68.  | Kaman Aircraft Corp.                      |
| 61.  | American Machine & Foundry Co.            | 95.  | Kiewit (Peter) Sons' Co.                  |
| 88.  | American Ship Building Co.                |      |                                           |
| 7.   | American Telephone & Telegraph Co.        | 56.  | Lear-Siegler, Inc.                        |
| 64.  | Asiatic Petroleum Corp.                   | 100. | Leavell-Kiewit (JV)                       |
| 69.  | Atlantic Research Corp.                   | 22.  | Ling-Temco-Vought, Inc.                   |
| 16.  | Avco Corp.                                | 28.  | Litton Industries, Inc.                   |
|      |                                           | 1.   | Lockheed Aircraft Corp.                   |
| 17.  | Bendix Corp.                              |      |                                           |
| 85.  | Bethlehem Steel Corp.                     | 48.  | Magnavox Co.                              |
| 2.   | Boeing Co.                                | 9.   | Martin Marietta Corp.                     |
| 53.  | Burroughs Corp.                           | 43.  | Massachusetts Institute of Technology (N) |
|      |                                           | 3.   | McDonnell Aircraft Corp.                  |
| 30.  | Chrysler Corp.                            | 77.  | Mitre Corp. (N)                           |
| 75.  | Cities Service Co.                        | 54.  | Morrison-Perini-Hardeman (JV)             |
| 37.  | Collins Radio Co.                         | 40.  | Morrison-Utah-Ferini-Leavell (JV)         |
| 47.  | Continental Motors Corp.                  |      |                                           |
| 72.  | Continental Oil Co.                       | 10.  | Newport News Shipbuilding & Dry Dock Co.  |
| 71.  | Control Data Corp.                        | 4.   | North American Aviation, Inc.             |
| 60.  | Curtiss-Wright Corp.                      | 31.  | Northrop Corp.                            |
| 66.  | Cutler-Hammer, Inc.                       |      |                                           |
|      |                                           | 22.  | Olin Mathieson Chemical Corp.             |
| 62.  | Day & Zimmerman, Inc.                     |      |                                           |
| 29.  | Douglas Aircraft Co.                      | 32.  | Pan American World Airways, Inc.          |
| 49.  | du Pont (E. I.) de Nemours & Co.          |      |                                           |
| 97.  | Dynallectron Corp.                        | 24.  | Radio Corp. of America                    |
|      |                                           | 21.  | Raytheon Co.                              |
| 70.  | Eastman Kodak Co.                         | 51.  | Republic Aviation Corp.                   |
| 86.  | Electronic Communications, Inc.           | 32.  | Richfield Oil Corp.                       |
|      |                                           | 95.  | Ryan Aeronautical Co.                     |
| 35.  | F M C Corp.                               |      |                                           |
| 93.  | Fairchild-Hiller Corp.                    | 22.  | Sanders Associates, Inc.                  |
| 89.  | Firestone Tire & Rubber Co.               | 67.  | Shell Caribbean Petroleum Co.             |
| 27.  | Ford Motor Co.                            | 63.  | Signal Oil & Gas Co.                      |
|      |                                           | 94.  | Sinclair Oil Corp.                        |
| 5.   | General Dynamics Corp.                    | 44.  | Socony Mobil Oil Co.                      |
| 6.   | General Electric Co.                      | 12.  | Sperry Rand Corp.                         |
| 19.  | General Motors Corp.                      | 39.  | Standard Oil Co. (California)             |
| 38.  | General Precision Equipment Corp.         | 83.  | Standard Oil Co. (Indiana)                |
| 25.  | General Telephone & Electronics Corp.     | 33.  | Standard Oil Co. (New Jersey)             |
| 13.  | General Tire & Rubber Co.                 | 91.  | Stanford Research Institute (N)           |
| 50.  | Goodyear Tire & Rubber Co.                | 65.  | Sverdrup & Parcel, Inc.                   |
| 11.  | Grumman Aircraft Engineering Corp.        | 59.  | System Development Corp. (N)              |
| 90.  | Gyradyne Co. of America, Inc.             |      |                                           |
|      |                                           | 42.  | Texaco, Inc.                              |
| 74.  | Hardeman-Monier-Hutcherson (JV)           | 80.  | Texas Instruments, Inc.                   |
| 92.  | Hardeman-Morrison-Knudson (JV)            | 26.  | Textron, Inc.                             |
| 73.  | Hayes International Corp.                 | 20.  | Thiokol Chemical Corp.                    |
| 76.  | Hazeltine Corp.                           | 46.  | Thompson-Ramo-Wooldridge, Inc.            |
| 36.  | Herules Powder Co.                        |      |                                           |
| 41.  | Honeywell, Inc.                           | 84.  | Union Oil Co. of California               |
| 15.  | Hughes Aircraft Co.                       | 8.   | United Aircraft Corp.                     |
|      |                                           | 79.  | United States Steel Corp.                 |
| 14.  | International Business Machines Corp.     | 99.  | Universal American Corp.                  |
| 57.  | International Harvester Co.               |      |                                           |
| 12.  | International Telephone & Telegraph Corp. | 81.  | Vitro Corp. of America                    |
|      |                                           |      |                                           |
| 58.  | Johns Hopkins University (N)              | 51.  | Western Union Telegraph Co.               |
|      |                                           | 78.  | Westinghouse Air Brake Co.                |
|      |                                           | 23.  | Westinghouse Electric Corp.               |

(N) - Non-Profit Contractors.

(JV) - Joint Venture

100 COMPANIES AND THEIR SUBSIDIARIES LISTED ACCORDING TO  
NET VALUE OF MILITARY PRIME CONTRACT AWARDS

Fiscal Year 1964  
(1 July 1963 - 30 June 1964)

| Rank | Companies                                                                                                                                                                                                                                                                                                                                                                                                 | Millions<br>of<br>Dollars                                                                                           | Percent<br>of U.S.<br>Total                                                                                                                                              | Cumulative<br>Percent of<br>U. S. Total |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
|      | U. S. TOTAL <u>a/</u>                                                                                                                                                                                                                                                                                                                                                                                     | <u>\$25,163.7</u>                                                                                                   | <u>100.0%</u>                                                                                                                                                            | <u>100.0%</u>                           |
|      | TOTAL, 100 COMPANIES<br>AND THEIR SUBSIDIARIES <u>b/</u>                                                                                                                                                                                                                                                                                                                                                  | <u>18,481.6</u>                                                                                                     | <u>73.4</u>                                                                                                                                                              | <u>73.4</u>                             |
| 1.   | LOCKHEED AIRCRAFT CORP.<br>Lockheed Air Terminal, Inc.<br>Puget Sound Bridge & Dry Dock Co.<br>Total                                                                                                                                                                                                                                                                                                      | 1,357.0<br>(-)0.3<br>98.7<br><u>1,455.4</u>                                                                         | 5.4<br>-<br>0.4<br><u>5.8</u>                                                                                                                                            | 5.8                                     |
| 2.   | BOEING CO.                                                                                                                                                                                                                                                                                                                                                                                                | 1,365.2                                                                                                             | 5.4                                                                                                                                                                      | 11.2                                    |
| 3.   | MCDONNELL AIRCRAFT CORP.<br>Hycon Mfg. Co.<br>Total                                                                                                                                                                                                                                                                                                                                                       | 1,155.5<br>1.9<br><u>1,157.4</u>                                                                                    | 4.6<br><u>a/</u><br><u>4.6</u>                                                                                                                                           | 15.8                                    |
| 4.   | NORTH AMERICAN AVIATION, INC.                                                                                                                                                                                                                                                                                                                                                                             | 1,019.5                                                                                                             | 4.1                                                                                                                                                                      | 19.9                                    |
| 5.   | GENERAL DYNAMICS CORP.                                                                                                                                                                                                                                                                                                                                                                                    | 986.7                                                                                                               | 3.9                                                                                                                                                                      | 23.8                                    |
| 6.   | GENERAL ELECTRIC CO.                                                                                                                                                                                                                                                                                                                                                                                      | 892.6                                                                                                               | 3.5                                                                                                                                                                      | 27.3                                    |
| 7.   | AMERICAN TELEPHONE & TELEGRAPH CO.<br>Chesapeake & Potomac Tel. Co.<br>Mountain States Tel. & Tel. Co.<br>New England Tel. & Tel. Co.<br>New Jersey Bell Tel. Co.<br>New York Telephone Co.<br>Northwestern Bell Tel. Co.<br>Pacific Northwest Bell Tel. Co.<br>Pacific Tel. & Tel. Co.<br>Southern Bell Tel. & Tel. Co.<br>Southwestern Bell Tel. Co.<br>Teletype Corp.<br>Western Electric Co.<br>Total | 155.3<br>2.2<br>1.6<br>0.3<br>0.4<br>0.1<br>0.4<br>0.1<br>0.6<br>1.6<br>1.2<br>19.4<br><u>452.4</u><br><u>635.6</u> | 0.6<br><u>a/</u><br><u>a/</u><br><u>a/</u><br><u>a/</u><br><u>a/</u><br><u>a/</u><br><u>a/</u><br><u>a/</u><br><u>a/</u><br><u>a/</u><br>0.1<br><u>1.8</u><br><u>2.5</u> | 29.8                                    |
| 8.   | UNITED AIRCRAFT CORP.<br>Vector Mfg. Co.<br>Total                                                                                                                                                                                                                                                                                                                                                         | 625.0<br>0.4<br><u>625.4</u>                                                                                        | 2.5<br><u>a/</u><br><u>2.5</u>                                                                                                                                           | 32.3                                    |
| 9.   | MARTIN-MARIETTA CORP.<br>Bunker-Ramo Corp.<br>Total                                                                                                                                                                                                                                                                                                                                                       | 474.7<br>1.5<br><u>476.2</u>                                                                                        | 1.9<br><u>a/</u><br><u>1.9</u>                                                                                                                                           | 34.2                                    |
| 10.  | NEWPORT NEWS SHIPBUILDING & DRY DOCK CO.                                                                                                                                                                                                                                                                                                                                                                  | 400.2                                                                                                               | 1.6                                                                                                                                                                      | 35.8                                    |
| 11.  | GRUMMAN AIRCRAFT ENGINEERING CORP.                                                                                                                                                                                                                                                                                                                                                                        | 395.6                                                                                                               | 1.6                                                                                                                                                                      | 37.4                                    |
| 12.  | SPERRY RAND CORP.                                                                                                                                                                                                                                                                                                                                                                                         | 373.9                                                                                                               | 1.5                                                                                                                                                                      | 38.9                                    |

| Rank | Companies                                    | Millions<br>of<br>Dollars | Percent<br>of U.S.<br>Total | Cumulative<br>Percent of<br>U. S. Total |
|------|----------------------------------------------|---------------------------|-----------------------------|-----------------------------------------|
| 13.  | GENERAL TIRE & RUBBER CO.                    | \$ 4.3                    | d/                          |                                         |
|      | Aerojet-Delft Corp.                          | 0.5                       | d/                          |                                         |
|      | Aerojet-General Corp.                        | 345.1                     | 1.4                         |                                         |
|      | Aerojet-General Shipyards, Inc.              | 0.9                       | d/                          |                                         |
|      | Space Electronics Corp.                      | 0.5                       | d/                          |                                         |
|      | Space General Corp.                          | 13.1                      | 0.1                         |                                         |
|      | Total                                        | 364.4                     | 1.5                         | 40.4                                    |
| 14.  | INTERNATIONAL BUSINESS MACHINES CORP.        | 332.0                     | 1.3                         |                                         |
|      | Science Research Associates                  | 0.1                       | d/                          |                                         |
|      | Service Bureau Corp.                         | 0.3                       | d/                          |                                         |
|      | Total                                        | 332.4                     | 1.3                         | 41.7                                    |
| 15.  | HUGHES AIRCRAFT CO.                          | 288.7                     | 1.2                         | 42.9                                    |
| 16.  | AVCO CORP.                                   | 278.7                     | 1.1                         | 44.0                                    |
| 17.  | BENDIX CORP.                                 | 248.5                     | 1.0                         |                                         |
|      | Bendix Field Engineering Corp.               | 8.2                       | d/                          |                                         |
|      | Bendix-Westinghouse Automotive Air Brake Co. | 0.2                       | d/                          |                                         |
|      | Cleveland Instrument Co.                     | c/                        | d/                          |                                         |
|      | Sheffield Corp.                              | 0.5                       | d/                          |                                         |
|      | Total                                        | 257.4                     | 1.0                         | 45.0                                    |
| 18.  | INTERNATIONAL TELEPHONE & TELEGRAPH CORP.    | 106.8                     | 0.4                         |                                         |
|      | Airmatic Systems Corp.                       | c/                        | d/                          |                                         |
|      | American Cable & Radio Corp.                 | 3.2                       | d/                          |                                         |
|      | Colorado Research Corp.                      | 0.1                       | d/                          |                                         |
|      | Federal Electric Corp.                       | 60.7                      | 0.3                         |                                         |
|      | International Electric Corp.                 | 57.3                      | 0.2                         |                                         |
|      | ITT Bell & Gossett, Inc.                     | c/                        | d/                          |                                         |
|      | ITT Cannon Electric, Inc.                    | 0.7                       | d/                          |                                         |
|      | ITT General Controls, Inc.                   | 0.7                       | d/                          |                                         |
|      | ITT Gilfillan, Inc.                          | 25.0                      | 0.1                         |                                         |
|      | ITT Intelcom, Inc.                           | c/                        | d/                          |                                         |
|      | ITT Semi-Conductors, Inc.                    | 0.3                       | d/                          |                                         |
|      | Jennings Radio Mfg. Corp.                    | 0.2                       | d/                          |                                         |
|      | Kuthe Laboratories, Inc.                     | 0.6                       | d/                          |                                         |
|      | Mackay Radio & Telegraph Co.                 | 0.2                       | d/                          |                                         |
|      | Puerto Rico Telephone Co.                    | c/                        | d/                          |                                         |
|      | Suprenant Mfg. Co.                           | 0.3                       | d/                          |                                         |
|      | Total                                        | 256.1                     | 1.0                         | 46.0                                    |
| 19.  | GENERAL MOTORS CORP.                         | 255.8                     | 1.0                         | 47.0                                    |
| 20.  | THIokol CHEMICAL CORP.                       | 251.2                     | 1.0                         |                                         |
|      | Shawnee Industries, Inc.                     | 2.4                       | d/                          |                                         |
|      | Total                                        | 253.6                     | 1.0                         | 48.0                                    |
| 21.  | RAYTHEON CO.                                 | 248.8                     | 1.0                         |                                         |
|      | Machlett Laboratories, Inc.                  | 4.2                       | d/                          |                                         |
|      | Total                                        | 253.0                     | 1.0                         | 49.0                                    |

| Rank | Companies                                             | Millions<br>of<br>Dollars | Percent<br>of U.S.<br>Total | Cumulative<br>Percent of<br>U. S. Total |
|------|-------------------------------------------------------|---------------------------|-----------------------------|-----------------------------------------|
| 22.  | LING-TEMCO-VOUGHT, INC.                               | \$ 231.3                  | 1.0                         |                                         |
|      | Altec Lansing Corp.                                   | 0.1                       | d/                          |                                         |
|      | Altec Service Corp.                                   | c/                        | d/                          |                                         |
|      | Continental Electronics Mfg. Co.                      | 9.6                       | d/                          |                                         |
|      | Continental Electronics Systems, Inc.                 | 1.8                       | d/                          |                                         |
|      | F F & M Electronics, Inc.                             | 0.2                       | d/                          |                                         |
|      | Kentron Corp.                                         | 0.1                       | d/                          |                                         |
|      | Temco Electronics & Missiles Co.                      | 3.7                       | d/                          |                                         |
|      | Temco Electronics Display Systems                     | 0.7                       | d/                          |                                         |
|      | Total                                                 | 247.5                     | 1.0                         | 50.0                                    |
| 23.  | WESTINGHOUSE ELECTRIC CORP.                           | 235.9                     | 1.0                         |                                         |
|      | Bryant Electric Co.                                   | 0.5                       | d/                          |                                         |
|      | Thermo King Corp.                                     | 0.5                       | d/                          |                                         |
|      | Total                                                 | 236.9                     | 1.0                         | 51.0                                    |
| 24.  | RADIO CORP. OF AMERICA                                | 233.5                     | 1.0                         |                                         |
|      | RCA Defense Electronics Corp.                         | 0.1                       | d/                          |                                         |
|      | Total                                                 | 233.6                     | 1.0                         | 52.0                                    |
| 25.  | GENERAL TELEPHONE & ELECTRONICS CORP.                 | 0.0                       | 0.0                         |                                         |
|      | Automatic Electric Sales Corp.                        | 19.1                      | 0.1                         |                                         |
|      | General Telephone & Electronics Laboratories,<br>Inc. | 0.7                       | d/                          |                                         |
|      | General Telephone Co. of the Southwest                | c/                        | d/                          |                                         |
|      | Lenkurt Electric Co., Inc.                            | 6.6                       | d/                          |                                         |
|      | Sylvania Electric Products, Inc.                      | 202.3                     | 0.8                         |                                         |
|      | Total                                                 | 228.7                     | 0.9                         | 52.9                                    |
| 26.  | TEXTRON, INC.                                         | 0.9                       | d/                          |                                         |
|      | Accessory Products Corp.                              | 0.1                       | d/                          |                                         |
|      | Allegany Instrument Co.                               | c/                        | d/                          |                                         |
|      | Bell Aerospace Corp.                                  | 210.2                     | 0.9                         |                                         |
|      | Dalmo Victor Co.                                      | 0.9                       | d/                          |                                         |
|      | Jones & Lamson Machine Co.                            | 0.6                       | d/                          |                                         |
|      | Nuclear Metals, Inc.                                  | 0.2                       | d/                          |                                         |
|      | Pittsburgh Steel Foundry Corp.                        | 0.1                       | d/                          |                                         |
|      | Speidel Corp.                                         | c/                        | d/                          |                                         |
|      | Textron Electronics Inc.                              | 2.3                       | d/                          |                                         |
|      | Textron Oregon, Inc.                                  | 1.0                       | d/                          |                                         |
|      | Townsend Co.                                          | c/                        | d/                          |                                         |
|      | Total                                                 | 216.3                     | 0.9                         | 53.8                                    |
| 27.  | FORD MOTOR CO.                                        | 66.4                      | 0.3                         |                                         |
|      | Philco Corp.                                          | 144.8                     | 0.5                         |                                         |
|      | Total                                                 | 211.2                     | 0.8                         | 54.6                                    |

| Rank | Companies                            | Millions<br>of<br>Dollars | Percent<br>of U.S.<br>Total | Cumulative<br>Percent of<br>U. S. Total |
|------|--------------------------------------|---------------------------|-----------------------------|-----------------------------------------|
| 28.  | LITTON INDUSTRIES, INC.              | \$ 4.1                    | d/                          |                                         |
|      | Adler Electronics, Inc.              | 13.2                      | 0.1                         |                                         |
|      | Aero Service Corp.                   | 0.5                       | d/                          |                                         |
|      | Airtron, Inc.                        | 0.2                       | d/                          |                                         |
|      | Clifton Precision Products Co., Inc. | 0.2                       | d/                          |                                         |
|      | Emertron, Inc.                       | 0.8                       | d/                          |                                         |
|      | Ingalls Shipbuilding Corp.           | 57.3                      | 0.2                         |                                         |
|      | Litton Electron Tube Corp.           | 0.1                       | d/                          |                                         |
|      | Litton Precision Products, Inc.      | 1.0                       | d/                          |                                         |
|      | Litton Systems, Inc.                 | 131.6                     | 0.5                         |                                         |
|      | McKiernan-Terry Corp.                | 0.4                       | d/                          |                                         |
|      | Monroe Calculating Machine Co., Inc. | 0.2                       | d/                          |                                         |
|      | Westrex Corp.                        | 0.4                       | d/                          |                                         |
|      | Winchester Electronics, Inc.         | c/                        | d/                          |                                         |
|      | Total                                | 210.0                     | 0.8                         | 55.4                                    |
| 29.  | DOUGLAS AIRCRAFT CO.                 | 203.2                     | 0.8                         | 56.2                                    |
| 30.  | CHRYSLER CORP.                       | 170.2                     | 0.7                         | 56.9                                    |
| 31.  | NORTHROP CORP.                       | 136.6                     | 0.6                         |                                         |
|      | Astro Technology Corp.               | 0.1                       | d/                          |                                         |
|      | Page Communications Engineers, Inc.  | 28.2                      | 0.1                         |                                         |
|      | Total                                | 164.9                     | 0.7                         | 57.6                                    |
| 32.  | PAN AMERICAN WORLD AIRWAYS, INC.     | 164.4                     | 0.7                         | 58.3                                    |
| 33.  | STANDARD OIL CO. (NEW JERSEY)        | 0.0                       | 0.0                         |                                         |
|      | Esso International, Inc.             | 99.3                      | 0.4                         |                                         |
|      | Esso Research & Engineering Co.      | 3.7                       | d/                          |                                         |
|      | Esso Standard Eastern, Inc.          | 0.2                       | d/                          |                                         |
|      | Gilbert & Barker Mfg. Co.            | c/                        | d/                          |                                         |
|      | Humble Oil & Refining Co.            | 57.9                      | 0.2                         |                                         |
|      | Jersey Production Research Co.       | 0.1                       | d/                          |                                         |
|      | Total                                | 161.2                     | 0.6                         | 58.9                                    |
| 34.  | KAISER INDUSTRIES CORP.              | 0.1                       | d/                          |                                         |
|      | Kaiser Aerospace & Electronics Corp. | 1.3                       | d/                          |                                         |
|      | Kaiser (Henry J.) Co.                | 1.0                       | d/                          |                                         |
|      | Kaiser Jeep Corp e/                  | 128.9                     | 0.5                         |                                         |
|      | Kaiser Steel Corp                    | 0.8                       | d/                          |                                         |
|      | National Steel & Shipbuilding Co.    | 19.6                      | 0.1                         |                                         |
|      | Total                                | 151.7                     | 0.6                         | 59.5                                    |
| 35.  | F M C CORP.                          | 130.7                     | 0.5                         |                                         |
|      | Northern Ordnance, Inc.              | 10.7                      | d/                          |                                         |
|      | Total                                | 141.4                     | 0.5                         | 60.0                                    |
| 36.  | HERCULES POWDER CO.                  | 136.9                     | 0.5                         | 60.5                                    |
| 37.  | COLLINS RADIO CO.                    | 129.0                     | 0.5                         | 61.0                                    |



| Rank | Companies                                                                                                                                                                                                                                                                                    | Millions<br>of<br>Dollars                                                    | Percent<br>of U.S.<br>Total                                       | Cumulative<br>Percent of<br>U. S. Total |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------|
| 38.  | GENERAL PRECISION EQUIPMENT CORP.<br>General Precision, Inc.<br>Graflex, Inc.<br>Strong Electric Corp.<br>Total                                                                                                                                                                              | \$ 0.0<br>124.4<br>0.8<br>c/<br>125.2                                        | 0.0<br>0.5<br>d/<br>d/<br>0.5                                     | . 61.5                                  |
| 39.  | STANDARD OIL COMPANY (CALIFORNIA)<br>American Bitumuls & Asphalt Co.<br>Cal-Ky Oil Co.<br>California Chemical Co.<br>California Oil Co.<br>California Research Corp.<br>Caltex Oil Products Co. f/<br>Caltex Philippines, Inc. f/<br>Community Oil Co.<br>Standard Oil Co. of Texas<br>Total | 67.4<br>c/<br>8.5<br>0.1<br>3.7<br>0.1<br>37.5<br>0.1<br>0.4<br>4.6<br>122.4 | 0.3<br>d/<br>d/<br>d/<br>d/<br>d/<br>0.2<br>d/<br>d/<br>d/<br>0.5 | 62.0                                    |
| 40.  | MORRISON-MNUDSEN COMPANY, INC.;<br>UTAH CONSTRUCTION & MINING CO.;<br>PERINI CORP; and C. H. LEAVELL & CO.                                                                                                                                                                                   | 121.5                                                                        | 0.5                                                               | 62.5                                    |
| 41.  | HONEYWELL, INC.                                                                                                                                                                                                                                                                              | 107.5                                                                        | 0.4                                                               | 62.9                                    |
| 42.  | TEXACO, INC.<br>Caltex Oil Products Co. f/<br>Caltex Philippines, Inc. f/<br>Paragon Oil Co.<br>Texaco Experiment, Inc.<br>Texaco Export, Inc.<br>Texaco Puerto Rico, Inc.<br>Texaco Trinidad, Inc.<br>White Fuel Co., Inc.<br>Total                                                         | 22.2<br>37.5<br>0.1<br>3.4<br>2.1<br>37.0<br>1.6<br>0.2<br>1.6<br>105.7      | 0.1<br>0.2<br>d/<br>d/<br>d/<br>0.2<br>d/<br>d/<br>d/<br>0.4      | 63.3                                    |
| 43.  | MASSACHUSETTS INSTITUTE OF TECHNOLOGY                                                                                                                                                                                                                                                        | 98.2                                                                         | 0.4                                                               | 63.7                                    |
| 44.  | SOCONY MOBIL OIL CO.                                                                                                                                                                                                                                                                         | 79.4                                                                         | 0.3                                                               | 64.0                                    |
| 45.  | AEROSPACE CORP.                                                                                                                                                                                                                                                                              | 76.2                                                                         | 0.3                                                               | 64.3                                    |
| 46.  | THOMPSON-RAMO-WOOLDRIDGE, INC.<br>Good-All Electric Mfg. Co.<br>Magna Corp.<br>Marlin-Rockwell Corp.<br>Pacific Semiconductors<br>Radio Condenser Co.<br>Radio Industries, Inc.<br>Ross Gear & Tool Co. Inc.<br>Space Technology Laboratories, Inc.<br>Total                                 | 13.3<br>c/<br>0.1<br>0.8<br>0.1<br>0.1<br>0.3<br>0.3<br>59.3<br>74.3         | 0.1<br>d/<br>d/<br>d/<br>d/<br>d/<br>d/<br>d/<br>0.2<br>0.3       | 64.6                                    |

| Rank | Companies                                                                                                                        | Millions<br>of<br>Dollars             | Percent<br>of U.S.<br>Total   | Cumulative<br>Percent of<br>U. S. Total |
|------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------------|
| 47.  | CONTINENTAL MOTORS CORP.<br>Continental Aviation & Engineering Corp.<br>Gray Marine Motor Co.<br>Wisconsin Motors Corp.<br>Total | \$ 52.4<br>17.6<br>0.1<br>0.5<br>70.6 | 0.2<br>0.1<br>d/<br>d/<br>0.3 | 64.9                                    |
| 48.  | MAGNAVOX CO.                                                                                                                     | 69.4                                  | 0.3                           | 65.2                                    |
| 49.  | du PONT (E. I.) de NEMOURS & CO.<br>Remington Arms Co., Inc.<br>Total                                                            | 9.9<br>59.2<br>69.1                   | d/<br>0.3<br>0.3              | 65.5                                    |
| 50.  | GOODYEAR TIRE & RUBBER CO.<br>Goodyear Aerospace Corp.<br>Kelly-Springfield Tire Co.<br>Motor Wheel Corp.<br>Total               | 27.6<br>39.9<br>c/<br>0.9<br>68.4     | 0.1<br>0.2<br>d/<br>d/<br>0.3 | 65.8                                    |
| 51.  | REPUBLIC AVIATION CORP.                                                                                                          | 66.9                                  | 0.3                           | 66.1                                    |
| 52.  | OLIN MATHIESON CHEMICAL CORP.                                                                                                    | 66.2                                  | 0.3                           | 66.4                                    |
| 53.  | BURROUGHS CORP.<br>Burroughs Control Corp.<br>Total                                                                              | 65.0<br>0.4<br>65.4                   | 0.3<br>d/<br>0.3              | 66.7                                    |
| 54.  | MORRISON-KHUDSEN CO., INC.;<br>PERINI CORP.; and HARDEMAN (PAUL), INC.                                                           | 64.9                                  | 0.3                           | 67.0                                    |
| 55.  | WESTERN UNION TELEGRAPH CO.                                                                                                      | 59.0                                  | 0.2                           | 67.2                                    |
| 56.  | LEAR-SIEGLER, INC.<br>Hallamore Electronics Co.<br>Lear-Siegler Services, Inc.<br>Rett Electronics, Inc.<br>Total                | 57.2<br>c/<br>c/<br>1.7<br>58.9       | 0.2<br>d/<br>d/<br>d/<br>0.2  | 67.4                                    |
| 57.  | INTERNATIONAL HARVESTER CO.<br>Hough (Frank G.) Co.<br>MacLeod & Co.<br>Total                                                    | 16.1<br>8.8<br>0.9<br>55.8            | 0.2<br>d/<br>d/<br>0.2        | 67.6                                    |
| 58.  | JOHNS HOPKINS UNIVERSITY                                                                                                         | 54.9                                  | 0.2                           | 67.8                                    |
| 59.  | SYSTEM DEVELOPMENT CORP                                                                                                          | 53.6                                  | 0.2                           | 68.0                                    |
| 60.  | CURTISS-WRIGHT CORP.                                                                                                             | 51.2                                  | 0.2                           | 68.2                                    |
| 61.  | AMERICAN MACHINE & FOUNDRY CO.<br>A M F International Co.<br>Cuno Engineering Corp.<br>Total                                     | 50.4<br>c/<br>0.2<br>50.6             | 0.2<br>d/<br>d/<br>0.2        | 68.4                                    |

| Rank | Companies                                                                                    | Millions<br>of<br>Dollars | Percent<br>of U.S.<br>Total | Cumulative<br>Percent of<br>U.S. Total |
|------|----------------------------------------------------------------------------------------------|---------------------------|-----------------------------|----------------------------------------|
| 62.  | DAY & ZIMMERMAN, INC.                                                                        | \$ 48.6                   | 0.2                         | 68.6                                   |
| 63.  | SIGNAL OIL AND GAS CO.                                                                       | 6.1                       | d/                          |                                        |
|      | Garrett Corp.                                                                                | 41.4                      | 0.2                         |                                        |
|      | Petroleum Heat & Power, Inc.                                                                 | c/                        | d/                          |                                        |
|      | Southland Oil Corp.                                                                          | 0.1                       | d/                          |                                        |
|      | T K M Electric Corp.                                                                         | 0.1                       | d/                          |                                        |
|      | Total                                                                                        | 47.7                      | 0.2                         | 68.8                                   |
| 64.  | ASIATIC PETROLEUM CORP.                                                                      | 45.3                      | 0.2                         | 69.0                                   |
| 65.  | SVERDRUP & PARCEL, INC.                                                                      | 0.9                       | d/                          |                                        |
|      | A R O, Inc.                                                                                  | 44.0                      | 0.2                         |                                        |
|      | Total                                                                                        | 44.9                      | 0.2                         | 69.2                                   |
| 66.  | CUTLER-HAMMER, INC.                                                                          | 43.0                      | 0.2                         | 69.4                                   |
| 67.  | SHELL CARIBBEAN PETROLEUM CO.                                                                | 24.4                      | 0.1                         |                                        |
|      | International Lubricant Corp.                                                                | 0.7                       | d/                          |                                        |
|      | Shell Oil Co.                                                                                | 17.2                      | 0.1                         |                                        |
|      | Total                                                                                        | 42.3                      | 0.2                         | 69.6                                   |
| 68.  | KAMAN AIRCRAFT CORP.                                                                         | 42.1                      | 0.2                         | 69.8                                   |
| 69.  | ATLANTIC RESEARCH CORP.                                                                      | 40.9                      | 0.2                         |                                        |
|      | Flight Sciences Laboratory, Inc.                                                             | 0.1                       | d/                          |                                        |
|      | Northeastern Engineering, Inc.                                                               | 0.5                       | d/                          |                                        |
|      | Total                                                                                        | 41.5                      | 0.2                         | 70.0                                   |
| 70.  | EASTMAN KODAK CO.                                                                            | 39.2                      | 0.2                         |                                        |
|      | Eastman Chemical Products, Inc.                                                              | c/                        | d/                          |                                        |
|      | Eastman Kodak Stores, Inc.                                                                   | 1.7                       | d/                          |                                        |
|      | Recordak Corp.                                                                               | 0.5                       | d/                          |                                        |
|      | Total                                                                                        | 41.4                      | 0.2                         | 70.2                                   |
| 71.  | CONTROL DATA CORP.                                                                           | 40.4                      | 0.2                         |                                        |
|      | Control Corp.                                                                                | 0.1                       | d/                          |                                        |
|      | Rabinow Electronics, Inc.                                                                    | 0.7                       | d/                          |                                        |
|      | Total                                                                                        | 41.2                      | 0.2                         | 70.4                                   |
| 72.  | CONTINENTAL OIL CO.                                                                          | 34.2                      | 0.2                         |                                        |
|      | Douglas Oil Co. of Calif.                                                                    | 2.6                       | d/                          |                                        |
|      | Malco Refineries, Inc.                                                                       | 1.6                       | d/                          |                                        |
|      | Western Oil & Fuel Co.                                                                       | 1.3                       | d/                          |                                        |
|      | Total                                                                                        | 39.7                      | 0.2                         | 70.6                                   |
| 73.  | HAYES INTERNATIONAL CORP.                                                                    | 35.8                      | 0.1                         | 70.7                                   |
| 74.  | HARDEMAN (PAUL), INC.; CONCRETE INDUSTRIES<br>(MONIER) LTD.; and HUTCHERSON BROS. PTY., LTD. | 35.0                      | 0.1                         | 70.8                                   |

| Rank | Companies                                                                                                                               | Millions<br>of<br>Dollars                | Percent<br>of U.S.<br>Total        | Cumulative<br>Percent of<br>U. S. Total |
|------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-----------------------------------------|
| 75.  | CITIES SERVICE CO.<br>Cities Service Gas Co.<br>Cities Service Oil Co.<br>Total                                                         | \$ 0.0<br>0.5<br>34.2<br>34.7            | 0.0<br>d/<br>0.1<br>0.1            | 70.9                                    |
| 76.  | HAZELTINE CORP.                                                                                                                         | 34.6                                     | 0.1                                | 71.0                                    |
| 77.  | MITRE CORP.                                                                                                                             | 34.5                                     | 0.1                                | 71.1                                    |
| 78.  | WESTINGHOUSE AIR BRAKE CO.<br>George E. Failing Co.<br>Le Tourneau-Westinghouse Co.<br>Melpar, Inc.<br>Microwave Physics Corp.<br>Total | 0.8<br>0.3<br>3.5<br>29.7<br>0.1<br>34.4 | d/<br>d/<br>d/<br>0.1<br>d/<br>0.1 | 71.2                                    |
| 79.  | UNITED STATES STEEL CORP.                                                                                                               | 34.0                                     | 0.1                                | 71.3                                    |
| 80.  | TEXAS INSTRUMENTS, INC.<br>Metals & Controls, Inc.<br>Total                                                                             | 32.7<br>0.3<br>33.0                      | 0.1<br>d/<br>0.1                   | 71.4                                    |
| 81.  | VITRO CORP. OF AMERICA                                                                                                                  | 32.9                                     | 0.1                                | 71.5                                    |
| 82.  | RICHFIELD OIL CORP.                                                                                                                     | 31.8                                     | 0.1                                | 71.6                                    |
| 83.  | STANDARD OIL CO. (INDIANA)<br>American Oil Co.<br>Amoco Chemicals Corp.<br>Total                                                        | 0.0<br>34.6<br>(-)3.3<br>31.3            | 0.0<br>0.1<br>-<br>0.1             | 71.7                                    |
| 84.  | UNION OIL CO. OF CALIFORNIA<br>Collier Carbon & Chemical Corp.<br>Total                                                                 | 31.3<br>c/<br>31.3                       | 0.1<br>d/<br>0.1                   | 71.8                                    |
| 85.  | BETHLEHEM STEEL CORP.<br>Bethlehem Steel Co.<br>Bethlehem Steel Export Corp.<br>Total                                                   | 0.0<br>30.0<br>0.7<br>30.7               | 0.0<br>0.1<br>d/<br>0.1            | 71.9                                    |
| 86.  | ELECTRONIC COMMUNICATIONS, INC.<br>Benson Mfg. Co.<br>Standard Precision, Inc.<br>Total                                                 | 26.1<br>c/<br>4.5<br>30.6                | 0.1<br>d/<br>d/<br>0.1             | 72.0                                    |
| 87.  | AMERICAN BOSCH ARMA CORP.                                                                                                               | 30.0                                     | 0.1                                | 72.1                                    |
| 88.  | AMERICAN SHIP BUILDING CO.                                                                                                              | 29.7                                     | 0.1                                | 72.2                                    |
| 89.  | FIRESTONE TIRE & RUBBER CO.<br>Dayton Tire & Rubber Co.<br>Total                                                                        | 29.3<br>0.3<br>29.6                      | 0.1<br>d/<br>0.1                   | 72.3                                    |

| Rank | Companies                                                                             | Millions<br>of<br>Dollars         | Percent<br>of U.S.<br>Total          | Cumulative<br>Percent of<br>U. S. Total |
|------|---------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------------|
| 90.  | GYRODYNE CO. OF AMERICA, INC.                                                         | \$ 29.2                           | 0.1                                  | 72.4                                    |
| 91.  | STANFORD RESEARCH INSTITUTE                                                           | 28.7                              | 0.1                                  | 72.5                                    |
| 92.  | HARDEMAN (PAUL), INC. & MORRISON-KNUDSEN<br>CO., INC.                                 | 27.4                              | 0.1                                  | 72.6                                    |
| 93.  | FAIRCHILD-HILLER CORP.<br>Hiller Aircraft Co.<br>Total                                | 15.1<br>12.2<br><u>27.3</u>       | 0.1<br><u>d/</u><br>0.1              | 72.7                                    |
| 94.  | SINCLAIR OIL CORP.<br>Sinclair Refining Co.<br>Sinclair Petrochemicals. Inc.<br>Total | 0.0<br>26.6<br><u>c/</u><br>26.6  | 0.0<br>0.1<br><u>d/</u><br>0.1       | 72.8                                    |
| 95.  | KIEWIT (PETER) SONS' CO.                                                              | 25.9                              | 0.1                                  | 72.9                                    |
| 96.  | RYAN AERONAUTICAL CO.                                                                 | 25.0                              | 0.1                                  | 73.0                                    |
| 97.  | DYNALECTRON CORP.                                                                     | 25.0                              | 0.1                                  | 73.1                                    |
| 98.  | SANDERS ASSOCIATES, INC.                                                              | 24.5                              | 0.1                                  | 73.2                                    |
| 99.  | UNIVERSAL AMERICAN CORP.<br>Amron Corp.<br>Hardeman (Paul), Inc.<br>Total             | 0.1<br>16.4<br>8.0<br><u>24.5</u> | <u>d/</u><br>0.1<br><u>d/</u><br>0.1 | 73.3                                    |
| 100. | LEAVELL, C. H., CO. & KIEWIT (PETER) SONS' CO.                                        | 22.9                              | 0.1                                  | 73.4                                    |

FOOTNOTES:

- a/ Net value of new procurement actions minus cancellations, terminations and other credit transactions. The data include debit and credit procurement actions of \$10,000 or more, under military supply, service and construction contracts for work in the U. S.; plus awards to listed companies and other identifiable U. S. companies for work overseas.

Procurement actions include definitive contracts, the obligated portions of letter of intent and letter contracts, purchase orders, job orders, task orders, delivery orders, and any other orders against existing contracts. The data do not include that part of open-end or indefinite quantity contracts that have not been translated into specific orders on business firms. The data do not include purchase commitments or pending cancellations that have not yet become mutually binding agreements between the government and the company.

- b/ The assignment of subsidiaries to parent companies is based on stock ownership of 50% or more by the parent company, as indicated by data published in standard industrial reference sources. The company totals do not include contracts made by other U. S. Government agencies and financed with Department of Defense funds, or contracts awarded in foreign nations through their respective governments. The company names and corporate structures are those in effect as of 30 June 1964. Only those subsidiaries are shown for which procurement actions have been reported.
- c/ Less than \$50,000.
- d/ Less than 0.05%
- e/ Includes \$41.3 million in prime contracts awarded to Studebaker Corp. for 5-ton trucks prior to the acquisition by Kaiser-Jeep Corp. in February 1964 of Studebaker production facilities in South Bend, Indiana.
- f/ Stock ownership is equally divided between Standard Oil Co. of California and Texaco, Inc.; half of the total of military awards is shown under each of the parent companies.

Office of the Secretary of Defense