

TRW Inc. and Subsidiaries  
Computation of Ratio of Earnings  
to Fixed Charges – Unaudited

(In millions except ratio data)

	2001	2000	1999	1998	1997
Earnings before income taxes	\$ 140.5	\$ 706.4(A)	\$ 787.3(B)	\$ 746.1	\$ 239.7(C)
Unconsolidated affiliates	98.3	1.2	(37.1)	1.0	(8.0)
Minority earnings	23.2	12.5	22.8	10.5	20.2
Fixed charges excluding capitalized interest	548.5	606.9	552.1	174.3	123.9
Earnings	\$ 810.5	\$1,327.0	\$1,325.1	\$ 931.9	\$ 375.8
Fixed Charges:					
Interest expense	\$ 477.7	\$ 523.8	\$ 476.7	\$ 114.4	\$ 75.4
Capitalized interest	5.1	5.0	4.7	4.7	4.5
Portion of rents representative of interest factor	70.8	83.1	75.3	59.9	48.5
Total fixed charges	\$ 553.6	\$ 611.9	\$ 556.7	\$ 179.0	\$ 128.4
Ratio of earnings to fixed charges	1.5x	2.2x	2.4x	5.2x	2.9x

- (A) The 2000 earnings from continuing operations before income taxes of \$706.4 million, includes an \$11.7 million earnings charge, \$6.2 million after the effect of minority interest, for purchased in-process research and development. See “Acquisitions” note in the Notes to Financial Statements of the Company’s 2000 Annual Report to Shareholders.
- (B) The 1999 earnings from continuing operations before income taxes of \$787.3 million, includes an \$85.3 million earnings charge for purchased in-process research and development. See “Acquisitions” note in the Notes to Financial Statements of the Company’s 1999 Annual Report to Shareholders.
- (C) The 1997 earnings from continuing operations before income taxes of \$239.7 million includes a \$548 million earnings charge for purchased in-process research and development. See “Acquisitions” note in the Notes to Financial Statements of the Company’s 1997 Annual Report to Shareholders.