

2003년 세계 항공우주 100대 기업

Rank	Company(Country)	Aero Sales (\$M)	Aero Sales CH	OP Result (\$M)	OP Result CH	OP Margin 2003	ROCE 2003	R&D CH
1(1)	Boeing(USA)	50,485	-7%	905	-77%	1.8%	3%	1%
2(2)	EADS(Netherlands)	35,451	1%	1,744	8%	5.1%	4%	4%
3(3)	Lockheed Martin(USA)	31,808	20%	2,019	74%	6.3%	12%	9%
4(5)	Northrop Grumman(USA)	26,206	52%	1,538	11%	5.9%	6%	7%
5(4)	BAE Systems(UK)	20,542	4%	1,601	-2%	7.8%	11%	7%
6(6)	Raytheon(USA)	19,557	8%	1,316	-26%	7.3%	3%	8%
7(12)	General Dynamics(USA)	16,361	20%	1,467	-7%	8.8%	14%	11%
8(8)	General Electric(USA)	13,515	1%	29,107	-5%	21.7%	6%	4%
9(7)	United Technologies(USA)	13,213	10%	4,253	10%	13.7%	17%	-14%
10(10)	Thales(France)	9,485	-5%	789	5%	6.6%	12%	-11%
11(9)	Honeywell International(USA)	8,813	-1%	2,519	1%	11.4%	11%	-1%
12(11)	Bombardier(Canada)	8,071	1%	482	11%	3.2%	7%	-2%
13(14)	Snecma(France)	7,550	-1%	538	2%	7.4%	14%	3%
14(15)	Finmeccanica(Italy)	7,166	6%	528	6%	5.6%	7%	24%
15(13)	Rolls-Royce(UK)	6,686	-2%	364	33%	4.0%	5%	-5%
16(18)	L-3 Communications(USA)	5,063	26%	581	28%	11.5%	10%	18%
17(16)	Textron(USA)	4,647	-5%	762	-15%	7.7%	6%	25%
18(19)	Goodrich(USA)	4,383	15%	245	-32%	5.6%	5%	43%
19(21)	Alcatel(France)	3,881	-24%	375	-	2.7%	3%	-28%
20(20)	Dassault Aviation(France)	3,727	-4%	458	-14%	12.3%	15%	-
21(17)	Mitsubishi Heavy Industries(Japan)	3,382	-8%	574	-42%	2.8%	0%	-9%
22(24)	Eaton(USA)	2,786	12%	797	22%	9.9%	13%	10%
23(23)	Rockwell Collins(USA)	2,542	2%	387	5%	15.2%	23%	-15%
24(25)	GKN(UK)	2,531	3%	284	-24%	3.8%	8%	-
25(26)	ITT Industries(USA)	2,391	13%	528	-2%	9.4%	12%	8%
26(27)	MTU Aero Engines(Germany)	2,147	-14%	-	-	-	-	-
27(22)	Embraer(Brazil)	2,143	-15%	266	-43%	12.4%	8%	9%
28(30)	Ishikawajima-Harima(Japan)	2,082	3%	-200	-	-2.2%	-4%	-
29(29)	Smiths Group(UK)	2,077	-5%	608	2%	12.2%	18%	12%
30(33)	Alcoa(USA)	2,000	6%	1,683	12%	7.8%	6%	-9%
31(28)	Israel Aircraft Industries(Israel)	1,870	-9%	15	-55%	0.8%	-	-9%
32(31)	Saab(Sweden)	1,804	4%	160	6%	7.5%	8%	-9%
33(32)	Alliant Techsystems(USA)	1,771	9%	277	0%	11.7%	12%	7%
34(35)	Precision Castparts(USA)	1,638	-15%	300	22%	14.2%	16%	-
35(36)	Kawasaki Heavy Industries(Japan)	1,498	-6%	192	-27%	1.9%	5%	-
36(34)	Avio(formerly Fiat Avio)(Italy)	1,412	-19%	120	-50%	8.5%	-	-
37(39)	Cobham(UK)	1,333	13%	214	22%	15.7%	18%	25%
38(38)	Zodiac(France)	1,312	-3%	221	-1%	13.3%	14%	-
39(-)	BBA Group(UK)	1,302	1%	158	-27%	7.3%	7%	-
40(42)	Sagem(France)	1,224	15%	190	29%	5.3%	11%	-
41(40)	Vought Aircraft Industries(USA)	1,209	1%	-38	-	-3.1%	-4%	-
42(43)	Harris(USA)	1,137	12%	115	-24%	5.5%	7%	-4%
43(37)	Parker Hannifin(USA)	1,110	4%	379	26%	5.9%	8%	-2%
44(44)	Volvo(Sweden)	993	-2%	310	-12%	1.4%	2%	16%
45(46)	Elbit Systems(Israel)	898	9%	53	-9%	5.9%	8%	-4%
46(49)	Teledyne Technologies(USA)	826	9%	47	9%	5.6%	15%	8%
47(45)	Loral Space & Communications(USA)	770	-30%	-310	-	-40.3%	-14%	-44%
48(52)	DRS Technologies(USA)	676	31%	68	36%	10.1%	7%	-
49(48)	Korea Aerospace Industries(South Korea)	670	-16%	32	-25%	4.8%	4%	-
50(63)	Hindustan Aeronautics(India)	669	12%	93	16%	13.9%	-	-

Rank: indicates position in Top 100 based on 2003 aerospace sales. Last year's rank is in brackets./Aero Sales: aerospace divisional sales for 2003 financial year.

\$M: indicates figures in millions of US dollars./OP Result: operating profit/loss./CH: change in percentage terms from 2002 figure.

OP Margin: operating margin as % of aerospace sales./ROCE: return on capital employed./R&D: research and development.

Rank	Company(Country)	Aero Sales (\$M)	Aero Sales CH	OP Result (\$M)	OP Result CH	OP Margin 2003	ROCE 2003	R&D CH
51(50)	CAE(Canada)	667	-3%	80	-50%	10.2%	6%	-2%
52(41)	Sequa(USA)	664	8%	57	16%	3.4%	4%	0%
53(53)	Singapore Technologies Engineering(Singapore)	627	8%	212	-1%	13.1%	22%	-15%
54(60)	B/E Aerospace(USA)	624	24%	20	-	3.2%	2%	32%
55(62)	Liebherr(Switzerland)	609	0%	-	-	-	-	-
56(54)	Triumph Group(USA)	608	8%	37	-48%	6.1%	5%	250%
57(56)	Orbital Sciences(USA)	589	5%	36	24%	6.2%	12%	60%
58(92)	Denel(South Africa)	578	12%	39	-	6.7%	13%	116%
59(61)	Matsushita Electrical Industries(Japan)	573	1%	1,473	148%	2.3%	4%	5%
60(58)	Hexcel(USA)	569	5%	58	-3%	6.5%	10%	20%
61(-)	Esterline(USA)	562	29%	51	9%	9.1%	8%	33%
62(69)	Stork(Netherlands)	540	-6%	101	-	4.6%	13%	-5%
63(93)	Ericsson(Sweden)	539	-19%	-1,390	-	-9.5%	-9%	-21%
64(66)	Meggitt(UK)	536	0%	103	5%	15.7%	13%	-13%
65(64)	Ball(USA)	535	29%	461	48%	9.3%	14%	9%
66(57)	Teleflex(USA)	529	10%	196	-5%	8.6%	13%	-
67(51)	Dunlop Aerospace(UK)	528	-3%	74	-13%	13.9%	7%	-16%
68(47)	Indra(Spain)	511	12%	123	14%	11.1%	24%	12%
69(59)	Fuji Heavy Industries(Japan)	488	5%	434	-25%	3.5%	7%	-4%
70(65)	Moog(USA)	488	5%	88	-4%	11.7%	11%	-9%
71(68)	Ulira Electronics(UK)	464	9%	53	9%	11.4%	27%	18%
72(-)	EDO(USA)	460	40%	31	3%	6.7%	8%	13%
73(67)	Lord(USA)	444	5%	34	36%	7.7%	-	-
74(70)	Kongsberg(Norway)	436	-5%	54	-21%	5.8%	10%	-5%
75(55)	Crane(USA)	429	8%	169	323%	10.3%	12%	2%
76(71)	ITP(Spain)	412	0%	61	0%	14.8%	19%	-
77(73)	Curtiss-Wright(USA)	404	45%	89	29%	12.0%	11%	91%
78(76)	Britax (UK)	377	7%	57	6%	8.1%	19%	-
79(85)	RUAG(Switzerland)	370	21%	32	-33%	3.5%	4%	-11%
80(-)	McKeechnie(UK)	366	-12%	26	-13%	7.2%	8%	-
81(72)	K&F Industries(USA)	343	-2%	95	12%	27.7%	27%	0%
82(78)	Magellan Aerospace(Canada)	341	4%	16	-16%	4.8%	4%	-75%
83(87)	Pilatus(Switzerland)	324	24%	4	150%	1.1%	-	3%
84(80)	Gencorp(USA)	321	5%	45	-49%	3.8%	3%	-6%
85(79)	Motorola(USA)	310	-1%	1,084	-	4.0%	5%	1%
86(84)	Amphenol(USA)	310	17%	204	17%	16.5%	21%	8%
87(82)	UMECO(UK)	301	2%	17	-7%	5.7%	13%	-
88(-)	United Industrial(USA)	282	20%	-6	-	-1.9%	-6%	0%
89(88)	Gamesa(Spain)	277	44%	338	13%	19.0%	23%	-11%
90(83)	Woodward Governor(USA)	254	-14%	29	-63%	5.0%	6%	13%
91(81)	Kaman(USA)	251	2%	17	-	1.9%	5%	-19%
92(86)	Senior(UK)	235	-11%	20	-31%	3.4%	6%	0%
93(90)	Ducommun(USA)	226	7%	23	35%	10.2%	17%	-
94(99)	Latécoère(France)	221	17%	26	22%	11.6%	9%	-
95(95)	LSI(France)	205	-2%	59	11%	10.3%	14%	-
96(74)	Circor(USA)	201	8%	30	-1%	8.4%	9%	-14%
97(91)	Sonaca(Belgium)	200	-12%	6	-64%	2.8%	2%	-
98(-)	Martin Baker(UK)	183	19%	25	50%	13.4%	20%	-38%
99(94)	Doncasters(UK)	180	-8%	-	-	-	-	-
100(97)	Heico(USA)	177	2%	23	5%	13.1%	7%	-10%

자료: Flight International, 2004: 8.