

Analysis of US Aerospace Industry
Based on AvWeek, Aerospace Source Book, and
AIAA "Worldwide UAV Roundup"
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	Company	Commercial A/C	Military Manned A/C	UAV's	Business Jet & General Aviation A/C	Rotary Wing	Launch Vehicles	Spacecraft	Missiles & Guided Weapons (TBD)	Location	Comment
Commercial Aircraft											
1	Boeing	1	1	1	1	1	1	1		Seattle, Renton, Ft Walton Beach, St Louis, Irvine CA, Mesa AZ, Philadelphia; Huntington Beach CA	
2	Fairchild Dornier (now called M7 Aerospace)	1								San Antonio TX	Cmcl A/C Merlin and Metro, a derivative of the Swearingen turboprop
3	Hawker Beechcraft	1									Beech 1900 turboprop
4	Lockheed Martin	1	1			1	1	1		Ft Worth TX, Palmdale CA, Marietta GA, Owego NY; Denver CO	Cmcl L-100-30 Super Hercules
Military Aircraft											
5	Northrop Grumman		1	1				1		El Segundo, Rancho Bernardo, Palmdale (all CA) Melbourne FL, Bethpage NY	Global Hawk, FireScout, Hunter, Firebird, X-47....
6	Fairchild-Dornier		1							San Antonio	
7	Gulfstream		1							Savannah GA	
8	Hawker Beechcraft		1		1					Wichita	
9	Schweizer		1			1				Elmira, NY	
10	Cessna		1		1					Wichita	
11	Rockwell Collins		1							Cedar Rapids, IA	T-2 Buckeye
Unmanned Systems											
12	AAI			1	1					Maryland	
13	Advanced Def. Technologies Reconnaissance			1						Anaheim CA	
14	AeroVironments			1						Simi Valley CA	
15	American Dynamic Flight Systems			1						Jessup MD	
16	Applied Research Associates			1						Albuquerque NM	Nighthawk
17	Aurora Flight Sciences			1						Manassas VA	Centaur, Excalibur, Orion
18	Autocopter			1						Charlotte NC	rotary wing UAVs
19	BAE Systems			1						Santa Monica, CA; Austin TX	Coyote, Manta....
20	Composite Engineering			1						Sacramento CA	
21	Dragonfly Pictures			1						Tinicum PA	rotary wing UAVs
22	Elbit Systems of America			1						Ft Worth TX, McLean VA...	Hermes, Skylark

23	ORS Unmanned Technology			1						Mineral Wells TX	
24	General Automics			1						San Diego	
25	Griffon Aerospace			1						Madison AL	Broadsword, Outlaw
26	Guided Systems Technologies			1						Stockbridge GA	SiCX
27	Honeywell			1						Phoenix AZ	
28	Insitu			1						Bingen WA	
29	L-3 BAI Aerosystems			1						Easton MD	Dragon, XPV-1 Tern
30	L-3 Geneva Aerospace			1						Carrollton TX	
31	Mission Technologies			1						San Antonio TX	Buster
32	MLB Company			1						Mountain View CA	Bat
33	Orbital Sciences			1			1	1		Dulles VA	
34	Oregon Iron Works			1						Clackamas OR	Main aerospace business-space launch complexes...
35	Raytheon (Beech)			1						Wichita	
36	RotoMotion			1						Charlotte NC	SR-5, SR-7...
37	Textron Defense Systems			1						Wilmington MA	Battlehawk, Shadow M2
38	UAV Factory			1						Irvington NY	Penguin B
39	UAV Research Lab			1						Atlanta GA	Merlin, Silhouette
40	Xtreme Drones			1						Marshallville GA	Velocicopter
Companies not in Source Book but listed in AIAA											
Many of these show projects "underway" but not "deployed"											
41	Accurate Automation			1							LoFlyte....
42	Advanced Ceramics Research			1							Coyote, Manta, Sliver Fox
43	American Blimp			1							
44	American Dynamic Flight Systems			1							
45	Applewhite Aero			1						Seattle WA	
46	Arcturus UAV			1						Northern CA	
47	Atair Aerospace			1						Brooklyn NY	Insect & micro
48	Bihrl Applied Research			1						Hampton VA	Mantra
49	Carolina Unmanned Vehicles			1							Lightweight Aerostat
50	Dara Aviation			1							
51	DRS Unmanned Technologies			1							
52	D-Star (AurAayan Aerospace)			1							
53	Frontline Aerospace			1							
54	Geneva Aerospace			1							
55	ILC Dover			1							
56	Innovative Automation Technologies (IAT)			1						Gainesville FL	Axo, Pelican
57	IntelliTech Mircosystems			1							
58	Iron Bay			1							
59	Kaman Aviation			1						Bloomfield CT	K-MAX
60	Markus UAV			1						Tacoma WA	Zephyr 2
61	Moller			1						Davis CA	Aerobot
62	Neural Robotics			1							

63	NRL, Naval Research Lab			1					Washington DC	Ion Tiger, Stop-Rotor
64	Proxy Aviation Systems			1					Gaithersburg MD	SkyRaider
65	Pioneer UAV			1						
66	RotoMotion			1						
67	Swift Engineering			1						
68	Tactical Aerospace Group			1						
69	Theiss Aviation			1						
Business Jet & General Aviation										
70	Bombardier			1					Wichita	
71	Cirrus			1					Duluth MN	
72	Eclipse Aviation			1					Albuquerque MN	
73	Emivest Aerospace			1					San Antonio	
74	General Dynamics			1			1		Savannah GA	Fermi, Gamma Ray Space Telescope
75	Honda Aircraft			1					Greensboro NC	
76	Piper Aircraft			1					Vero Beach FL	
77	Nextant Aerospace			1					Richmond Heights OH	
78	Spectrum Aeronautical			1					Carlsbad CA	
79	Maule Air Inc			1					Moultrie GA	
80	American Champion Aircraft, Inc			1					Rochester WI	
81	Commander Premier Aircraft			1					Farmington CT	
82	Liberty Aerospace			1					Melbourne FL	
83	Mooney Aerospace			1					Kerrville TX	
Rotary Wing										
84	Erickson Air-Crane, Inc					1			Central Point OR	Heavy lift rotorcraft
85	Karman Aerospace					1			Bloomfield CT	
86	United Technology, Sikorsky					1			Stanford CT	
87	Bell		1			1			Ft Worth TX	
88	Enstrom					1			Menominee MI	
89	MD Helicopters					1			Mesa AZ	
90	Robinson					1			Torrance CA	
91	Agustawestland North America					1			Philadelphia	
92	Brantly International					1			Vernon TX	
93	Hiller Aircraft					1			Firebaugh CA	
Launch Vehicles										
94	NASA MSFC						1		Huntsville AL	
95	Kistler Aerospace						1		Kirkland WA	
96	Space-X						1		El Segundo CA	
97	United Launch Alliance (LM/Boeing/...						1		Denver CO	
Spacecraft										
98	Alcatel Space Industries						1			
99	Space Systems Loral						1			
100	Motorola Space & Systems Technology						1			
101	OHB Systems AR						1			Work with US Coast Guard and Orbcomm
102	Orbcomm						1			
103	Ball Aerospace						1			
104	Swales Associates						1			EO-1...

105	Spectrum Astronautics							1			Hessi, Coriolis, Swift....
106	TsSKB Progress							1			Comos 2441 with Russia
107	Scaled Composites							1			SpaceShip One...
108	<u>Government Developers</u>										
109	NASA JPL							1			Cassini, Cloudsat.....
110	NASA Goddard							1			
111	<u>University Developers</u>										
112	Stanford University							1			Quakefinder
113	Johns Hopkins APL							1			
114	UC Berkeley							1			SpaceDev
115	MIT							1			Htet-2
116	Cornell University							1			Spirit, Opportunity
117	University of CA							1			WMAP?
118	University of Louisiana							1			
119	University of Colorado							1			
120	Cal Poly							1			CP-3, CP-4
121	US Air Force Academy							1			
	Subtotal =	4	9	61	18	13	7	27	0		
Within Military Aircraft Category											
the number of aircraft types by company											
	Aircraft Type	Boeing	L-M	NG	Fairchild-Dornier	Gulfstream	Hawker Beechcraft	Schweizer	Cessna	Rockwell-Collins	
	Fighter/Attack/Interdiction	4	4	2							
	Bomber	2	1	1							
	Cargo/Transport/Refueling	9	2		1	3	1				
	Early Warning/Comm & Cont/Special Missions/Electronic Warfare	5	1	3							
	Observation/Patrol ASW/Reconnaissance/Surveillance	2	2	2			3	2			
	Training	2		1			3		1	1	
	Utility						4				
	Number of Aircraft Types by Company=	24	10	9	1	3	11	2	1	1	