

## **RUTAN AIRCRAFT FACTORY: MANNED FIRST FLIGHTS**

- . 1 VariViggen Model #27 May 18, 1972 (marketed 1974)
- . 2 BD-5J Jet version of BD-5 July 20, 1973
- . 3. BD-5T trainer Feb 14, 1974
- . 4 VariEze POC Model #31 May 21, 1975
- . 5 VariViggen SP Model #32SP July 1975 (marketed 1975)
- . 6 VariEze Homebuilt Model #33 March 14, 1976 (marketed 1976)
- . 7 Quickie Model #54 November 17, 1977 (Sold to QAC to market)
- . 8 PARLC Power-augmented ram landing craft US Navy, 1977
- . 9 Defiant Model #40 June 30, 1978 (marketed 1984)
- . 10 Long-EZ Model #61 June 13, 1979 (marketed 1980)
- . 11 AD-1 Model #35 NASA December 1979
- . 12 Amsoil biplane racer Model #68 Mortensen Aug 1981
- . 13 Next Generation Trainer Model #73 Fairchild September 10, 1981
- . 14 Grizzly STOL Model # 72 January 22, 1982
- . 15 Solitaire Model #77 May 28, 1982 (marketed 1983)
- . 16 Voyager Model #76 June 22, 1984 (RTW on Dec 14th-23rd, 1986)
- . 17 Catbird Model #81 January 14, 1988
- . 18 Boomerang Model #202 June 19, 1996
- . 19 SkiGull Model #375 November 2015

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## **SCALED COMPOSITES: MANNED FIRST FLIGHTS**

- . 1 Microlight Model #97 Lotus January 30, 1983
- . 2 Starship/SCAT Model #115 Beechcraft August 29, 1983
- . 3 Predator Crop-duster Model #120 ATAC September 17, 1984
- . 4 CM-44 Model #144 California Microwave February 27, 1987
- . 5 ATTT /SMUT Model #133 DARPA December 29, 1987
- . 6 Triumph twin turbofan LLBJ Model #143 Beechcraft July 12, 1988
- . 7 ATTT/SMUT Bronco tail Model #133b DARPA Dec 1988
- . 8 ARES Light Attack Model #151 February 19, 1990
- . 9 Lima 1 Lexus engine Aztec testbed Toyota April 1990
- . 10 Pond Racer Model #158 Bob Pond March 22, 1991
- . 11 Lima II Model #191 Toyota November 4, 1991
- . 12 EarthWinds RTW gondola Model #181 November 1991
- . 13 Raptor D-1 manned-UAV POC Model #226 DOE May 9, 1993
- . 14 Jet LEZ Vantage FJ107 Model #61B Aug 1993
- . 15 Raptor D-2 Model #226B DOE August 24, 1994
- . 16 VisionAire Vantage Model #247 November 14, 1996
- . 17 V-Jet II VLJ POC Model #271 Williams International April 13, 1997
- . 18 Global Hilton RTW gondola Model #257 Jan 1998
- . 19 Proteus Model #281 Wyman Gordon July 26, 1998
- . 20 Roton ATV Rotary Rocket Mar 1999
- . 21 Adam 309 Twin Recip Model #309 March 21, 2000

- . 22 Rodie Model #61-R Proprietary Aug 2001
- . 23 TAA-1/Budgie Toyota May 2002
- . 24 White Knight Model #318 MAV Aug 2002
- . 25 SpaceShipOne Model #316 MAV Aug 2003
- . 26 Capricorn GlobalFlyer Model #311 Marathon Racing March 2004
- . 27 Pulse-Detonation LEZ Model #61PD 2007
- . 28 WhiteKnightTwo/Triceratops Model #348 Virgin Dec 2008
- . 29 SpaceShipTwo Model #339
- . 30 Bipod Model 367 March 2011

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## **SCALED COMPOSITES: Non-flying or UNMANNED FIRST FLIGHTS**

- . 1 Scarab Model #324 Ryan Including 1<sup>st</sup> block production ~ 1985
- . 2 Stars and Stripes Sail America May 1988
- . 3 Searcher Israeli Aircraft Industries Dec 1988
- . 4 TFV Loral Jul 1989
- . 5 PLADS/RockBox Lockheed Nov 1989
- . 6 OSCAR/Pegasus wing+tail Orbital Sciences Corp Apr 1990
- . 7 SU25 1/4 scale ROAR Sandia National Laboratories Apr 1991
- . 8 Ultralight Show-car General Motors Jan 1992
- . 9 Eagle Eye Demonstrator Bell Helicopter Jun 1993
- . 10 DC-X/ATV McDonnell Douglas Aug 1993

- . 11 Z-40 Bladerunner Zond Apr 1994
- . 12 FreeWing Full-Scale October 1994 (also FreeWing sub-scale)
- . 13 Comet Reentry capsule Space Industries 1995
- . 14 X-38 NASA Dryden, then NASA Houston October 1997
- . 15 Fuji mini shuttle POC & HSFD
- . 16 Seekers drones International Systems ~ early 2002
- . 17 X-47 Pegasus/VAUGHN Northrop 2003

Chicken Bone. A large structure that Artistic dancers use to perform their fancy dances.