X PRIZE Team Launch System Descriptions

| _ | | | X I NIZE I | 1st Stage | icii Systeili De | 2001 Pulotio | 2nd Stage | |
|-------|------------------------------|---------------------|-----------------------------------|----------------------------|------------------|-----------------------------------|--------------------|---|
| | | 1st Stage | | Take-Off | | 2nd Stage | Take-Off | |
| # | Team | Desc. | 1st Stage Propulsion | Method | 2nd Stage Desc. | Propulsion | Method | Landing Method |
| 1 | Advent Launch | Rocket | One Liquid Rocket | Vertical from | None | None | None | Unpowered horizontal on |
| | Services | | Engine | water | | | | water |
| 2 | American | Rocket | One Liquid Rocket | Vertical from | Crew Capsule | None | None | Unpowered parachute |
| | Astronautics | | Engine, 3 Hybrid | ground | | | | vertical descent |
| | Corp. | | Boosters | | | | | |
| 3 | ARCA | Rocket | One Liquid Rocket Engine | Vertical from land | None | None | None | Unpowered parachute vertical descent |
| 4 | Armadillo | Rocket | Multiple Liquid Rocket | Vertical from | None | None | None | Unpowered parachute |
| | Aerospace | | Engines | land | | | | vertical descent with crushable nosecone |
| 5 | Acceleration | Rocket | Multiple Liquid Rocket | | None | None | None | Unpowered parafoil on |
| _ | Engineering | Cnass | Engines | land Horizontal | Come Cases Diene | Liquid Doolsot | From air | land Powered horizontal on |
| ٥ | Bristol Space | Space Plane | Jet Engines | | Same Space Plane | Liquid Rocket | From air | land |
| 7 | Planes Canadian Arrow | Rocket | One Liquid Rocket | from land Vertical from | Crew Capsule | Engines Multiple Solid Rocket | Vertical from | Unpowered parachute |
| l ' | Calladiali Allow | Nocket | Engine | land | Crew Capsule | Engines | air | vertical on water |
| R | da Vinci Project | Helium | Buoyancy | Vertical from | Rocket | Multiple Liquid | From air | Unpowered parafoil |
| ľ | ua viiloi i roject | Balloon | Buoyanoy | ground | ROOKOL | Rocket Engines | i ioiii aii | horizontal on land |
| 9 | De León | Rocket | Multiple Hybrid Rocket | | None | None | None | Unpowered parachute |
| | Technologies | | Engines | land | | | | vertical on water |
| 10 | Discraft Corp. | Saucer | Blast-Wave Pulse Jets | Horizontal from land | None | None | None | Powered horizontal on land |
| 11 | Flight Exploration | Rocket | Liquid Rocket Engines | | Not disclosed | Not Disclosed | Vertical from land | Unpowered parachute vertical |
| 12 | Fundamental | Space | One Liquid Rocket | Horizontal | None | None | None | Unpowered horizontal on |
| | Technology | Plane | Engine | from land | | | | land |
| 42 | Systems | Lielium | Dunian | \/t;l f | Daalast | One Limited Declar | F | Line account a new about a |
| 13 | IL Aerospace | Helium Balloon | Buoyancy | Vertical from | Rocket | One Liquid Rocket | From air | Unpowered parachute vertical on land |
| 11 | Technologies Interorbital | Space | Liquid Rocket Engines | ground Vertical from | None | Engine None | None | Unpowered horizontal |
| '* | Systems | Plane | Liquid Nocket Eligilles | ground | None | None | None | Onpowered nonzonial |
| 15 | Kelly Space & | Tow Aircraft | Jet Engines | Horizontal | Lifting Body | Rocket | From air | Unpowered horizontal on |
| ' | Technology | 10W / Wordin | oot Enginee | from land | Liming Body | rtookot | 1 10111 411 | land |
| 16 | Lone Star Space | Space | Jet Engines | Horizontal | Same Space Plane | Liquid Rocket | From air | Powered horizontal on |
| | Access | Plane | · · | from land | , | Engines | | land |
| 17 | Micro-Space, Inc. | Rocket | Multiple Liquid Rocket Engines | Vertical from ground | None | None | None | Unpowered parachute vertical descent |
| 18 | PanAero, Inc. | Space Plane | Jet Engines | Horizontal from land | Same Space Plane | Multiple Liquid Rocket Engines | From air | Powered horizontal on land |
| 19 | Pioneer | Space | Jet Engines | Horizontal | Same Space Plane | Liquid Rocket | None | Powered horizontal on |
| L | Rocketplane | Plane | | from land | <u> </u> | Engines | | land |
| | Scaled | Carrier | Carrier Aircraft | Horizontal | Rocket | One Hybrid Rocket | From air | Unpowered horizontal on |
| | Composites, LLC | Aircraft | | from land | | Engine | | land |
| 21 | Starchaser | Rocket | Multiple Hybrid Rocket | Vertical from | Rocket | One Hybrid Rocket | From air | Unpowered parafoil |
| | Industries Ltd. | | Engines | land | | Éngine | | horizontal on land |
| 22 | Suborbital Corp. | Carrier Aircraft | Jet Engines | Horizontal from land | Space Plane | One Solid Rocket Engine | From air | Unpowered horizontal on land |
| 23 | TGV Rockets, Inc. | Rocket | Multiple Liquid Rocket Engines | Vertical from land | None | None | None | Powered vertical on land |
| 24 | Vanguard | Rocket | Liquid and Solid | Vertical from | Rocket | Not Disclosed | From air | Unpowered parachute |
| l - 1 | Spacecraft | | Rocket Engines | land | | | | vertical descent |
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