

# All Astronauts, Cosmonauts and Taikonauts travelling in Space

(by family name, in alphabetical order)

Abbreviations: ASTP = Apollo-Soyuz Test Program | STS = Shuttle Transporter System | ISS =International Space Station | Pi = Pilot | MiSp = Mission Specialist | En = Engineer | Phys = Physician  
Note. All sub-orbital spacecraft flights (MR-3, MR-4) and inflight aborts (Soyuz 18A, Soyuz-T 10) of missions are counted. First time crew members in the Challenger and Columbia catastrophes (McAuliffe, M. Smith; D. Brown, L. Clark, W. McCool, I. Ramon) are listed as well, while Apollo 1 victim R. Chaffee is included for completeness. Not counted as space flights are all SpaceShipOne and X-15 suborbital test

Average number of flights per space traveller: **2.25**

**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

Last update: 07/04/2005

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|-----|---|------------------|---------------------|------------------|-------------------------------|---------------------------|-----------------------------|--|
|     | <b>A</b>                                    |                  |                     |                  |                               |                           |                             |  |
| 1   | Loren Acton                                 | 1936             | USA                 | 1                | 1985                          | STS                       | -                           | MiSp   |
| 2   | James Adamson                               | 1946             | USA                 | 2                | 1989 - 1991                   | STS                       | -                           | MiSp   |
| 3   | Viktor Afanasyev                            | 1948             | Russia              | 4                | 1990 -                        | Soyuz-TM                  | Mir; ISS                    | Pi   |
| 4   | Thomas Akers                                | 1951             | USA                 | 4                | 1990 - 1996                   | STS                       | Mir                         | MiSp   |
| 5   | Tohiro Akiyama                              | 1942             | Japan               | 1                | 1990                          | Soyuz-TM                  | Mir                         | MiSp; first Japanese cosmonaut in space  |
| 6   | Valdimir Aksyonov                           | 1935             | Russia              | 2                | 1976 - 1980                   | Soyuz; Soyuz-T            | Salyut 6                    | En   |
| 7   | Edwin Aldrin                                | 1930             | USA                 | 2                | 1966 - 1969                   | Gemini; Apollo            | -                           | Pi; second man to put his foot on the moon                                       |
| 8   | Aleksandr Pan. Aleksandrov                  | 1951             | Bulgaria            | 1                | 1988                          | Soyuz-TM                  | Mir                         | MiSp; first Bulgarian cosmonaut in space   |
| 9   | Aleksandr Pav. Aleksandrov                  | 1943             | Russia              | 2                | 1983 - 1987                   | Soyuz-T; Soyuz-TM         | Salyut 7; Mir               | En   |
| 10  | Andrew Allen                                | 1955             | USA                 | 3                | 1992 - 1996                   | STS                       | -                           | Pi   |
| 11  | Joseph Allen                                | 1937             | USA                 | 2                | 1982 - 1984                   | STS                       | -                           | MiSp   |
| 12  | Sultan Abdel-aziz Al-Saud                   | 1956             | Saudi Arabia        | 1                | 1985                          | STS                       | -                           | MiSp   |
| 13  | Scott Altman                                | 1959             | USA                 | 3                | 1998 -                        | STS                       | ISS                         | Pi   |
| 14  | William Anders                              | 1933             | USA                 | 1                | 1968                          | Apollo                    | -                           | Pi   |
| 15  | Michael Anderson †                          | 1959             | USA                 | 2                | 1998 - 2003                   | STS                       | Mir                         | MiSp; died in shuttle Columbia re-entry accident (STS-107)                       |
| 16  | Jerome Apt                                  | 1949             | USA                 | 4                | 1991 - 1996                   | STS                       | Mir                         | MiSp   |
| 17  | Neil Armstrong                              | 1930             | USA                 | 2                | 1966 - 1969                   | Gemini; Apollo            | -                           | Pi; Apollo 11 commander and first man on the moon!                               |
| 18  | Anatoli Artsebarsky                         | 1956             | Russia              | 1                | 1990 - 1991                   | Soyuz-TM                  | Mir                         | Pi   |
| 19  | Yuri Artyukhin †                            | 1930             | Russia              | 1                | 1974                          | Soyuz                     | Salyut 3                    | MiSp   |
| 20  | Jeffrey Ashby                               | 1954             | USA                 | 2                | 1999 -                        | STS                       | ISS                         | Pi   |
| 21  | Oleg Atkov                                  | 1949             | Russia              | 1                | 1984                          | Soyuz-T                   | Salyut 7                    | Phys   |
| 22  | Toktar Aubakirov                            | 1946             | Kazakhstan          | 1                | 1991                          | Soyuz-TM                  | Mir                         | Pi   |
| 23  | Sergei Avdeyev                              | 1956             | Russia              | 3                | 1992 -                        | Soyuz-TM                  | Mir                         | En; has spent more time in space than anyone else (currently more than 747 days) |

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| <b>B</b> |   |                  |                     |                  |                               |                           |                             |  |
| 24       | James Bagian                                | 1952             | USA                 | 2                | 1989 - 1991                   | STS                       | -                           | MiSp   |
| 25       | Ellen Baker                                 | 1953             | USA                 | 3                | 1989 -                        | STS                       | Mir                         | MiSp   |
| 26       | Michael Baker                               | 1953             | USA                 | 4                | 1991 -                        | STS                       | Mir                         | Pi   |
| 27       | Aleksandr Balandin                          | 1953             | Russia              | 1                | 1990                          | Soyuz-TM                  | Mir                         | En   |
| 28       | Daniel Barry                                | 1953             | USA                 | 3                | 1996 -                        | STS                       | ISS                         | MiSp   |
| 29       | John Bartoe                                 | 1944             | USA                 | 1                | 1985                          | STS                       | -                           | MiSp   |
| 30       | Yuri Baturin                                | 1949             | Russia              | 1                | 1998 -                        | Soyuz-TM                  | Mir; ISS                    | En   |
| 31       | Patrick Baudry                              | 1946             | France              | 1                | 1985                          | STS                       | -                           | MiSp   |
| 32       | Alan Bean                                   | 1932             | USA                 | 2                | 1969 - 1973                   | Apollo; Apollo/Skylab 3   | Skylab-1                    | Pi   |
| 33       | Ivan Bella                                  | 1964             | Slovakia            | 1                | 1999                          | Soyuz-TM                  | Mir                         | MiSp   |
| 34       | Pavel Belyayev †                            | 1925             | Russia              | 1                | 1965                          | Voskhod                   | -                           | Pi   |
| 35       | Georgi Beregovoi †                          | 1921             | Ukraine             | 1                | 1968                          | Soyuz                     | -                           | Pi   |
| 36       | Anatoli Berezovoi                           | 1942             | Russia              | 1                | 1982                          | Soyuz-T                   | Salyut 7                    | Pi   |
| 37       | John Blaha                                  | 1942             | USA                 | 5                | 1989 - 1996                   | STS                       | Mir                         | Pi   |
| 38       | Michael Bloomfield                          | 1959             | USA                 | 3                | 1997 -                        | STS                       | Mir; ISS                    | Pi   |
| 39       | Guion (Guy) Bluford                         | 1942             | USA                 | 4                | 1983 - 1992                   | STS                       | -                           | MiSp   |
| 40       | Karol (Bo) Bobko                            | 1937             | USA                 | 3                | 1983 - 1985                   | STS                       | -                           | Pi   |
| 41       | Charles Bolden                              | 1946             | USA                 | 4                | 1986 - 1994                   | STS                       | -                           | Pi   |
| 42       | Roberta Bondar                              | 1945             | Canada              | 1                | 1992                          | STS                       | -                           | MiSp   |
| 43       | Frank Bormann                               | 1928             | USA                 | 2                | 1965 - 1968                   | Gemini                    | -                           | Pi   |
| 44       | Kenneth Bowersox                            | 1956             | USA                 | 5                | 1992 -                        | STS                       | ISS                         | Pi & MiSp  |
| 45       | Charles Brady                               | 1951             | USA                 | 1                | 1996 -                        | STS                       | -                           | MiSp   |
| 46       | Roy Bridges                                 | 1943             | USA                 | 1                | 1985                          | STS                       | -                           | Pi   |
| 47       | Vance Brand                                 | 1931             | USA                 | 4                | 1975 - 1990                   | Apollo-ASTP; STS          | -                           | Pi   |
| 48       | Daniel Brandenstein                         | 1943             | USA                 | 4                | 1983 - 1992                   | STS                       | -                           | Pi   |
| 49       | Curtis Brown                                | 1956             | USA                 | 6                | 1992 -                        | STS                       | -                           | Pi   |
| 50       | David Brown †                               | 1956             | USA                 | 1                | 2003                          | STS                       | -                           | MiSp; died in shuttle Columbia re-entry accident (STS-107) |
| 51       | Mark Brown                                  | 1951             | USA                 | 2                | 1989 - 1991                   | STS                       | -                           | MiSp   |
| 52       | James Buchli                                | 1945             | USA                 | 4                | 1985 - 1991                   | STS                       | -                           | MiSp   |
| 53       | Jay Buckley                                 | 1956             | USA                 | 1                | 1998                          | STS                       | -                           | MiSp   |
| 54       | Nikolai Budarin                             | 1953             | Russia              | 3                | 1995 -                        | STS; Soyuz-TM             | Mir; ISS                    | En   |
| 55       | Daniel Burbank                              | 1961             | USA                 | 1                | 2000 -                        | STS                       | ISS                         | MiSp   |
| 56       | Daniel Bursch                               | 1957             | USA                 | 4                | 1993 -                        | STS                       | ISS                         | MiSp   |
| 57       | Valeri Bykovsky                             | 1934             | Russia              | 3                | 1963 - 1978                   | Vostok; Soyuz             | Salyut 6                    | Pi   |

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| <b>C</b> |   |                  |                     |                  |                               |                           |                             |  |
| 58       | Robert Cabana                               | 1949             | USA                 | 4                | 1990 -                        | STS                       | ISS                         | Pi   |
| 59       | Kenneth Cameron                             | 1949             | USA                 | 3                | 1991 - 1995                   | STS                       | Mir                         | Pi   |
| 60       | Duane Carey                                 | 1957             | USA                 | 1                | 2002 -                        | STS                       | -                           | MiSp   |
| 61       | Scott Carpenter                             | 1925             | USA                 | 1                | 1962                          | Mercury                   | -                           | Pi   |
| 62       | Gerald Carr                                 | 1932             | USA                 | 1                | 1973 - 1974                   | Apollo/Skylab 4           | Skylab-1                    | Pi; final long endurance Skylab-1 visit                                |
| 63       | Manley (Sonny) Carter †                     | 1947             | USA                 | 1                | 1989                          | STS                       | -                           | MiSp   |
| 64       | John Casper                                 | 1943             | USA                 | 4                | 1990 - 1996                   | STS                       | -                           | Pi   |
| 65       | Robert Cenker                               | 1948             | USA                 | 1                | 1986                          | STS                       | -                           | MiSp   |
| 66       | Eugene Cernan                               | 1934             | USA                 | 3                | 1966 - 1972                   | Gemini; Apollo            | -                           | Pi; last man on the moon, to date                                      |
| -        | Roger Chaffee †                             | 1935             | USA                 | -                | 1967                          | (Apollo)                  | -                           | Pi; died in Apollo 1 (AS-204) flash fire on launch pad                 |
| 67       | Franklin Chang-Díaz                         | 1950             | USA                 | 7                | 1986 -                        | STS                       | Mir; ISS                    | MiSp   |
| 68       | Kalpana Chawla †                            | 1961             | USA                 | 2                | 1997 - 2003                   | STS                       | -                           | Indian born MiSp; died in shuttle Columbia re-entry accident (STS-107) |
| 69       | Maurizio Cheli                              | 1959             | Italy               | 1                | 1996                          | STS                       | -                           | MiSp   |
| 70       | Leroy Chiao                                 | 1960             | USA                 | 4                | 1994 -                        | STS; Soyuz-TMA            | ISS                         | MiSp   |
| 71       | Kevin Chilton                               | 1954             | USA                 | 3                | 1992 - 1996                   | STS                       | Mir                         | Pi   |
| 72       | Jean-Loup Chrétien                          | 1938             | France              | 3                | 1982 - 1997                   | Soyuz-T; Soyuz-TM; STS    | Salyut 7; Mir               | MiSp; first French cosmonaut in space                                  |
| 73       | Laurel Clark †                              | 1961             | USA                 | 1                | 2003                          | STS                       | -                           | MiSp; died in shuttle Columbia re-entry accident (STS-107)             |
| 74       | Mary Cleave                                 | 1947             | USA                 | 2                | 1985 - 1989                   | STS                       | -                           | MiSp   |
| 75       | Jean-Francois Clervoy                       | 1958             | France              | 3                | 1994 -                        | STS                       | Mir                         | MiSp   |
| 76       | Michael Clifford                            | 1952             | USA                 | 3                | 1992 - 1996                   | STS                       | Mir                         | MiSp   |
| 77       | Michael Coats                               | 1946             | USA                 | 3                | 1984 - 1991                   | STS                       | -                           | Pi   |
| 78       | Kenneth Cockrell                            | 1950             | USA                 | 5                | 1993 -                        | STS                       | ISS                         | Pi   |
| 79       | Catherine Coleman                           | 1960             | USA                 | 2                | 1995 -                        | STS                       | -                           | MiSp   |
| 80       | Eileen Collins                              | 1956             | USA                 | 3                | 1995 -                        | Mir                       | -                           | Pi   |
| 81       | Michael Collins                             | 1930             | USA                 | 2                | 1966 - 1969                   | Gemini; Apollo            | -                           | Pi   |
| 82       | Charles (Pete) Conrad †                     | 1930             | USA                 | 2                | 1965 - 1973                   | Gemini; Apollo/Skylab 2   | Skylab-1                    | Pi   |
| 83       | Gordon Cooper †                             | 1927             | USA                 | 2                | 1963 - 1965                   | Mercury; Gemini           | -                           | Pi; first astronaut to fly twice                                       |
| 84       | Richard Covey                               | 1946             | USA                 | 4                | 1985 - 1993                   | STS                       | -                           | Pi   |
| 85       | John Creighton                              | 1943             | USA                 | 3                | 1985 - 1991                   | STS                       | -                           | Pi   |
| 86       | Robert Crippen                              | 1937             | USA                 | 4                | 1981 - 1984                   | STS                       | -                           | Pi; pilot on maiden shuttle flight (Columbia)                          |
| 87       | Roger Crouch                                | 1940             | USA                 | 2                | 1997                          | STS                       | -                           | MiSp   |
| 88       | Frank Culbertson                            | 1949             | USA                 | 3                | 1990 -                        | STS                       | ISS                         | Pi   |

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| 89       | Walter Cunningham                           | 1932             | USA                 | 1                | 1968                          | Apollo                    | -                           | Pi; first US three men spacecraft flight  |
| 90       | Robert Curbeam                              | 1962             | USA                 | 2                | 1997 -                        | STS                       | ISS                         | MiSp  |
| 91       | Nancy Currie (Sherlock)                     | 1958             | USA                 | 4                | 1993 -                        | STS                       | ISS                         | MiSp  |
| <b>D</b> |   |                  |                     |                  |                               |                           |                             |   |
| 92       | Nancy Davis                                 | 1953             | USA                 | 3                | 1992 -                        | STS                       | -                           | MiSp  |
| 93       | Lawrence DeLucas                            | 1950             | USA                 | 1                | 1992                          | STS                       | -                           | MiSp  |
| 94       | Lev Demin †                                 | 1926             | Russia              | 1                | 1974                          | Soyuz                     | -                           | MiSp  |
| 95       | Frank De Winne                              | 1961             | Belgium             | 1                | 2002 -                        | Soyuz-TMA                 | ISS                         | MiSp  |
| 96       | Vladimir Dezhurov                           | 1962             | Russia              | 2                | 1995 -                        | Soyuz-TM; STS             | Mir; ISS                    | Pi/MiSp   |
| 97       | Georgi Dobrovolsky †                        | 1928             | Russia              | 1                | 1971                          | Soyuz                     | Salyut 1                    | Pi; first ever flight to a space station; Soyuz 11 crew died at landing due to loss of cabin atmosphere |
| 98       | Takao Doi                                   | 1954             | Japan               | 1                | 1997 -                        | STS                       | -                           | MiSp  |
| 99       | Brian Duffy                                 | 1953             | USA                 | 4                | 1992 -                        | STS                       | ISS                         | Pi  |
| 100      | Charles Duke                                | 1935             | USA                 | 1                | 1972                          | Apollo                    | -                           | Pi  |
| 101      | Bonnie Dunbar                               | 1949             | USA                 | 5                | 1985 -                        | STS                       | Mir                         | MiSp  |
| 102      | Pedro Duque                                 | 1963             | Spain               | 1                | 1998 -                        | STS                       | -                           | MiSp  |
| 103      | Samuel Durrance                             | 1943             | USA                 | 2                | 1990 - 1995                   | STS                       | -                           | MiSp  |
| 104      | Vladimir Dzhhanibekov                       | 1942             | Russia              | 5                | 1978 - 1985                   | Soyuz; Soyuz-T            | Salyut 6 & 7                | Pi  |
| <b>E</b> |   |                  |                     |                  |                               |                           |                             |   |
| 105      | Joe Edwards                                 | 1958             | USA                 | 1                | 1998 -                        | STS                       | Mir                         | Pi  |
| 106      | Donn Eisele †                               | 1930             | USA                 | 1                | 1968                          | Apollo                    | -                           | Pi; first US three men spacecraft flight  |
| 107      | Anthony England                             | 1942             | USA                 | 1                | 1985                          | STS                       | -                           | MiSp  |
| 108      | Joseph Engle                                | 1932             | USA                 | 2                | 1981 - 1985                   | STS                       | -                           | Pi; performed test glide flights with shuttle Enterprise (OV-101)                                       |
| 109      | Ronald Evans †                              | 1933             | USA                 | 1                | 1972                          | Apollo                    | -                           | Pi  |
| 110      | Reinhold Ewald                              | 1956             | Germany             | 1                | 1997                          | Soyuz-TM                  | Mir                         | MiSp  |
| 111      | Leopold Eyharts                             | 1957             | France              | 1                | 1998 -                        | Soyuz-TM                  | Mir                         | MiSp  |

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| <b>F</b> |   |                  |                     |                  |                               |                           |                             |  |
| 112      | John Fabian                                 | 1939             | USA                 | 2                | 1983 - 1985                   | STS                       | -                           | MiSp   |
| 113      | Mohammed Faris                              | 1951             | Syria               | 1                | 1987                          | Soyuz-TM                  | Mir                         | MiSp; first Syrian cosmonaut in space                |
| 114      | Bertalan Farkas                             | 1949             | Hungaria            | 1                | 1980                          | Soyuz                     | Salyut 6                    | MiSp; fifth Interkosmos                              |
| 115      | Jean-Jacques Favier                         | 1949             | France              | 1                | 1996                          | STS                       | -                           | MiSp   |
| 116      | Konstantin Feoktisov                        | 1926             | Russia              | 1                | 1964                          | Voskhod                   | -                           | Pi; member of first Voskhod crew                     |
| 117      | Martin Fettman                              | 1956             | USA                 | 1                | 1993                          | STS                       | -                           | MiSp   |
| 118      | Anatoli Filipchenko                         | 1928             | Russia              | 2                | 1969 - 1974                   | Soyuz                     | -                           | Pi   |
| 119      | Edward Michael Fincke                       | 1967             | USA                 | 1                | 2004 -                        | Soyuz-TMA                 | ISS                         | MiSp   |
| 120      | Anna Fisher                                 | 1949             | USA                 | 1                | 1984 -                        | STS                       | -                           | MiSp   |
| 121      | William Fisher                              | 1946             | USA                 | 1                | 1985                          | STS                       | -                           | MiSp   |
| 122      | Klaus-Dietrich Flade                        | 1952             | Germany             | 1                | 1992                          | Soyuz-TM                  | Mir                         | MiSp   |
| 123      | Michael Foale                               | 1957             | USA                 | 5                | 1992 -                        | STS                       | Mir                         | MiSp   |
| 124      | Patrick Forrester                           | 1957             | USA                 | 1                | 2001 -                        | STS                       | ISS                         | MiSp   |
| 125      | Stephen Frick                               | 1964             | USA                 | 1                | 2002 -                        | STS                       | ISS                         | Pi   |
| 126      | Dirk Frimout                                | 1941             | Belgium             | 1                | 1992                          | STS                       | -                           | MiSp   |
| 127      | Gordon Fullerton                            | 1936             | USA                 | 2                | 1982 - 1985                   | STS                       | -                           | Pi   |
| 128      | Reinhard Furrer †                           | 1940             | Germany             | 1                | 1985                          | STS                       | -                           | MiSp   |

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| <b>G</b> |   |                  |                     |                  |                               |                           |                             |   |
| 129      | Francis (Drew) Gaffney                      | 1946             | USA                 | 1                | 1991                          | STS                       | -                           | MiSp  |
| 130      | Yuri Gagarin †                              | 1934             | Russia              | 1                | 1961                          | Vostok                    | -                           | Pi; first man in space!                                     |
| 131      | Dale Gardner                                | 1948             | USA                 | 2                | 1983 - 1984                   | STS                       | -                           | MiSp  |
| 132      | Guy Gardner                                 | 1948             | USA                 | 2                | 1988 - 1990                   | STS                       | -                           | Pi  |
| 133      | Edwin (Jake) Garn                           | 1932             | USA                 | 1                | 1985                          | STS                       | -                           | MiSp; then US Senator                                       |
| 134      | Joseph Garneau                              | 1949             | Canada              | 3                | 1984 -                        | STS                       | ISS                         | MiSp  |
| 135      | Owen Garriott                               | 1930             | USA                 | 2                | 1973 - 1983                   | Apollo/Skylab 3; STS      | Skylab-1                    | Pi  |
| 136      | Charles Gemar                               | 1955             | USA                 | 3                | 1990 - 1994                   | STS                       | -                           | MiSp  |
| 137      | Michael Gernhardt                           | 1956             | USA                 | 4                | 1995 -                        | STS                       | ISS                         | MiSp  |
| 138      | Edward Gibson                               | 1936             | USA                 | 1                | 1973 - 1974                   | Apollo/Skylab 4           | Skylab-1                    | Pi; final long endurance Skylab-1 visit                     |
| 139      | Robert (Hoot) Gibson                        | 1946             | USA                 | 5                | 1984 - 1995                   | STS                       | Mir                         | Pi  |
| 140      | Yuri Gidzenko                               | 1962             | Russia              | 3                | 1995 -                        | Soyuz-TM                  | Mir; ISS                    | Pi; first ISS Expedition Crew                               |
| 141      | Yuri Glazkov                                | 1939             | Russia              | 1                | 1977                          | Soyuz                     | Salyut 5                    | MiSp  |
| 142      | John Glenn                                  | 1921             | USA                 | 2                | 1962 / 1998                   | Mercury; STS              | -                           | Pi; first American in Earth orbit; oldest astronaut to date |
| 143      | Linda Godwin                                | 1952             | USA                 | 4                | 1991 -                        | STS                       | Mir; ISS                    | MiSp  |
| 144      | Viktor Gorbatko                             | 1934             | Russia              | 3                | 1969 - 1980                   | Soyuz                     | Salyut 5 & 6                | Pi  |
| 145      | Richard Gordon                              | 1929             | USA                 | 2                | 1966 - 1969                   | Gemini; Apollo            | -                           | Pi  |
| 146      | Dominic Gorie                               | 1957             | USA                 | 3                | 1998 -                        | STS                       | Mir; ISS                    | Pi; member of final Shuttle/Mir mission                     |
| 147      | Ronald Grabe                                | 1945             | USA                 | 4                | 1985 - 1993                   | STS                       | -                           | Pi  |
| 148      | Georgi Grechko                              | 1931             | Russia              | 3                | 1975 - 1985                   | Soyuz; Soyuz-T            | Salyut 4, 6 & 7             | En  |
| 149      | Frederick Gregory                           | 1941             | USA                 | 3                | 1985 - 1991                   | STS                       | -                           | Pi  |
| 150      | William Gregory                             | 1957             | USA                 | 1                | 1995 -                        | STS                       | -                           | Pi  |
| 151      | Stanley Griggs †                            | 1939             | USA                 | 1                | 1985                          | STS                       | -                           | Pi  |
| 152      | Virgil (Gus) Grissom †                      | 1926             | USA                 | 2                | 1961 - 1967                   | Mercury; Gemini; (Apollo) | -                           | Pi; died in Apollo 1 (AS-204) flash fire on launch pad      |
| 153      | John Grunsfeld                              | 1958             | USA                 | 4                | 1995 -                        | STS                       | Mir                         | MiSp  |
| 154      | Aleksey Gubarev                             | 1931             | Russia              | 2                | 1975 - 1978                   | Soyuz                     | Salyut 4 & 6                | Pi  |
| 155      | Umberto Guidoni                             | 1954             | Italy               | 2                | 1996 -                        | STS                       | ISS                         | MiSp  |
| 156      | Jugderdemidiin Gurragcha                    | 1947             | Mongolia            | 1                | 1981                          | Soyuz                     | Salyut 6                    | MiSp; eighth Interkosmos mission                            |
| 157      | Sidney McNeil Gutierrez                     | 1951             | USA                 | 2                | 1991 - 1994                   | STS                       | -                           | Pi  |

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| <b>H</b> |   |                  |                     |                  |                               |                           |                             |   |
| 158      | Christopher Hadfield                        | 1959             | USA                 | 2                | 1995 -                        | STS                       | Mir; ISS                    | MiSp  |
| 159      | Claudie Haigneré<br>(André-Deshays)         | 1957             | France              | 2                | 1996 -                        | Soyuz-TM                  | Mir; ISS                    | MiSp  |
| 160      | Jean-Pierre Haigneré                        | 1948             | France              | 2                | 1993 - 1999                   | Soyuz-TM                  | Mir                         | MiSp  |
| 161      | Fred Haise                                  | 1933             | USA                 | 1                | 1970                          | Apollo                    | -                           | Pi; moon landing fails but Apollo 13 crew returns safely to Earth |
| 162      | James Halsell                               | 1956             | USA                 | 5                | 1994 -                        | STS                       | Mir; ISS                    | Pi  |
| 163      | Lloyd Hammond                               | 1952             | USA                 | 2                | 1991 - 1994                   | STS                       | -                           | Pi  |
| 164      | Gregory Harbaugh                            | 1956             | USA                 | 4                | 1991 -                        | STS                       | Mir                         | MiSp  |
| 165      | Bernard Harris                              | 1956             | USA                 | 2                | 1993 - 1995                   | STS                       | Mir                         | MiSp  |
| 166      | Terry Hart                                  | 1946             | USA                 | 1                | 1984                          | STS                       | -                           | MiSp  |
| 167      | Henry Hartsfield                            | 1933             | USA                 | 3                | 1982 - 1985                   | STS                       | -                           | Pi  |
| 168      | Frederick Hauck                             | 1941             | USA                 | 3                | 1983 - 1988                   | STS                       | -                           | Pi  |
| 169      | Steven Hawley                               | 1951             | USA                 | 5                | 1984 -                        | STS                       | -                           | MiSp  |
| 170      | Susan Helms                                 | 1958             | USA                 | 5                | 1993 -                        | STS                       | ISS                         | MiSp  |
| 171      | Karl Henize †                               | 1926             | USA                 | 1                | 1985                          | STS                       | -                           | MiSp  |
| 172      | Thomas Hennen                               | 1952             | USA                 | 1                | 1991                          | STS                       | -                           | MiSp  |
| 173      | Terence (Tom) Henricks                      | 1952             | USA                 | 4                | 1991 - 1996                   | STS                       | -                           | Pi  |
| 174      | Mirosław Hermaszewski                       | 1941             | Poland              | 1                | 1978                          | Soyuz                     | Salyut 6                    | MiSp; second Interkosmos mission                                  |
| 175      | John Herrington                             | 1958             | USA                 | 1                | 2002 -                        | STS                       | ISS                         | MiSp  |
| 176      | Richard Hieb                                | 1955             | USA                 | 3                | 1991 - 1994                   | STS                       | -                           | MiSp  |
| 177      | David Hilmers                               | 1950             | USA                 | 4                | 1985 - 1992                   | STS                       | -                           | MiSp  |
| 178      | Kathryn Hire                                | 1959             | USA                 | 1                | 1998 -                        | STS                       | -                           | MiSp  |
| 179      | Charles Hobaugh                             | 1961             | USA                 | 1                | 2001 -                        | STS                       | ISS                         | Pi  |
| 180      | Jeffrey Hoffman                             | 1944             | USA                 | 5                | 1985 - 1996                   | STS                       | -                           | MiSp  |
| 181      | Scott (Doc) Horowitz                        | 1957             | USA                 | 4                | 1996 -                        | STS                       | ISS                         | Pi  |
| 182      | Millie Hughes-Fulford                       | 1945             | USA                 | 1                | 1991                          | STS                       | -                           | MiSp  |
| 183      | Rick Husband †                              | 1957             | USA                 | 2                | 1999 - 2003                   | STS                       | ISS                         | Pi; died in shuttle Columbia re-entry accident (STS-107)          |
| <b>I</b> |   |                  |                     |                  |                               |                           |                             |   |
| 184      | James Irwin †                               | 1930             | USA                 | 1                | 1971                          | Apollo                    | -                           | Pi  |
| 185      | Aleksandr Ivanchenkov                       | 1940             | Russia              | 2                | 1978 - 1982                   | Soyuz; Soyuz-T            | Salyut 6 & 7                | En  |
| 186      | Georgi Ivanov                               | 1940             | Bulgaria            | 1                | 1979                          | Soyuz                     | Salyut 6                    | MiSp; fourth Interkosmos mission                                  |
| 187      | Marsha Ivins                                | 1951             | USA                 | 5                | 1990 -                        | STS                       | Mir; ISS                    | MiSp  |

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|----------|---|------------------|---------------------|------------------|-------------------------------|---------------------------|-----------------------------|--|
| <b>J</b> |   |                  |                     |                  |                               |                           |                             |  |
| 188      | Sigmund Jaehn                               | 1937             | Germany             | 1                | 1978                          | Soyuz                     | Salyut 6                    | MiSp; first (East) German cosmonaut in space;<br>third Interkosmos mission |
| 189      | Gregory Jarvis †                            | 1944             | USA                 | 1                | 1986                          | STS                       | -                           | MiSp; died in shuttle Challenger explosion<br>(STS 51-L)                   |
| 190      | Mae Jemison                                 | 1956             | USA                 | 1                | 1992                          | STS                       | -                           | MiSp   |
| 191      | Tamara Jernigan                             | 1959             | USA                 | 5                | 1991 - 1999                   | STS                       | ISS                         | MiSp   |
| 192      | Brent Jett                                  | 1958             | USA                 | 3                | 1996 -                        | STS                       | Mir; ISS                    | Pi   |
| 193      | Thomas Jones                                | 1955             | USA                 | 4                | 1994 - 2001                   | STS                       | ISS                         | MiSp   |
| <b>K</b> |   |                  |                     |                  |                               |                           |                             |  |
| 194      | Leonid Kadenyuk                             | 1951             | Ukraine             | 1                | 1997                          | STS                       | -                           | Pi & MiSp  |
| 195      | Aleksandr Kaleri                            | 1956             | Russia              | 3                | 1992 -                        | Soyuz-TM                  | Mir                         | En   |
| 196      | Janet Kavandi                               | 1959             | USA                 | 3                | 1998 -                        | STS                       | Mir; ISS                    | MiSp; member of final Shuttle/Mir mission                                  |
| 197      | James (Vegas) Kelly                         | 1964             | USA                 | 1                | 2001 -                        | STS                       | ISS                         | Pi   |
| 198      | Mark Kelly                                  | 1964             | USA                 | 1                | 2001 -                        | STS                       | ISS                         | Pi   |
| 199      | Scott Kelly                                 | 1964             | USA                 | 1                | 1999 -                        | STS                       | -                           | Pi   |
| 200      | Joseph Kerwin                               | 1932             | USA                 | 1                | 1973                          | Apollo/Skylab 2           | Skylab-1                    | Pi   |
| 201      | Yevgeni Khrunov †                           | 1933             | Russia              | 1                | 1969                          | Soyuz                     | -                           | Pi; docking with another Soyuz spacecraft                                  |
| 202      | Susan Kilrain (Still)                       | 1961             | USA                 | 2                | 1997 -                        | STS                       | -                           | Pi   |
| 203      | Leonid Kizim                                | 1941             | Ukraine             | 3                | 1980 - 1986                   | Soyuz-T                   | Salyut 6 & 7; Mir           | Pi   |
| 204      | Pyotr Klimuk                                | 1942             | Belorus             | 3                | 1973 - 1978                   | Soyuz                     | Salyut 4 & 6                | Pi   |
| 205      | Vladimir Komarov †                          | 1927             | Russia              | 2                | 1964 - 1967                   | Voskhod; Soyuz            | -                           | Pi; Soyuz 1 crashed at landing, killing the<br>single cosmonaut            |
| 206      | Yelena Kondakova                            | 1957             | Russia              | 2                | 1994 -                        | Soyuz-TM; STS             | Mir                         | En   |
| 207      | Valeri Korzun                               | 1953             | Russia              | 2                | 1996 -                        | Soyuz-TM; STS             | Mir; ISS                    | Pi & MiSp  |
| 208      | Vladimir Kovalyonok                         | 1942             | Belorus             | 3                | 1977 - 1981                   | Soyuz; Soyuz-T            | Salyut 6                    | Pi   |
| 209      | Konstantin Kozeyev                          | 1967             | Russia              | 1                | 2001 -                        | Soyuz-TM                  | ISS                         | En   |
| 210      | Kevin Kregel                                | 1956             | USA                 | 4                | 1995 -                        | STS                       | -                           | Pi   |
| 211      | Sergei Krikalyov                            | 1958             | Russia              | 5                | 1988 -                        | Soyuz-TM; STS             | Mir; ISS                    | MiSp; member of the first ISS Expedition Crew                              |
| 212      | Valeri Kubasov                              | 1935             | Russia              | 3                | 1969 - 1980                   | Soyuz; Soyuz; ASTP        | Salyut 6                    | En   |
| 213      | André Kuipers                               | 1958             | Netherlands         | 1                | 2004 -                        | Soyuz-TMA                 | ISS                         | MiSp   |

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|----------|---|------------------|---------------------|------------------|-------------------------------|---------------------------|-----------------------------|---|
| <b>L</b> |   |                  |                     |                  |                               |                           |                             |   |
| 214      | Aleksandr Laveykin                          | 1951             | Russia              | 1                | 1987                          | Soyuz-TM                  | Mir                         | En  |
| 215      | Wendy Lawrence                              | 1959             | USA                 | 3                | 1995 -                        | STS                       | Mir                         | MiSp  |
| 216      | Vasili Lazarev †                            | 1928             | Russia              | 2                | 1973 - 1975                   | Soyuz                     | -                           | Phys  |
| 217      | Aleksandr Lazutkin                          | 1957             | Russia              | 1                | 1997 -                        | Soyuz-TM                  | Mir                         | En  |
| 218      | Valentin Lebedev                            | 1942             | Russia              | 2                | 1973 - 1982                   | Soyuz; Soyuz-T            | Salyut 7                    | En  |
| 219      | Mark Lee                                    | 1952             | USA                 | 4                | 1989 - 1997                   | STS                       | -                           | MiSp  |
| 220      | David Leestma                               | 1949             | USA                 | 3                | 1984 - 1992                   | STS                       | -                           | MiSp  |
| 221      | William Lenoir                              | 1939             | USA                 | 1                | 1982                          | STS                       | -                           | MiSp  |
| 222      | Aleksei Leonov                              | 1934             | Russia              | 2                | 1965 - 1975                   | Voskhod; Soyuz; ASTP      | -                           | Pi  |
| 223      | Fred Leslie                                 | 1951             | USA                 | 1                | 1995                          | STS                       | -                           | MiSp  |
| 224      | Anatoli Levchenko †                         | 1941             | Ukraine             | 1                | 1987                          | Soyuz-TM                  | Mir                         | Pi  |
| 225      | Byron Lichtenberg                           | 1948             | USA                 | 2                | 1983 - 1992                   | STS                       | -                           | MiSp  |
| 226      | Don Lind                                    | 1930             | USA                 | 1                | 1985                          | STS                       | -                           | MiSp  |
| 227      | Steven Lindsey                              | 1960             | USA                 | 3                | 1997 -                        | STS                       | ISS                         | Pi  |
| 228      | Jerry Linenger                              | 1955             | USA                 | 2                | 1994 -                        | STS                       | Mir                         | MiSp  |
| 229      | Richard Linnehan                            | 1957             | USA                 | 3                | 1996 -                        | STS                       | -                           | MiSp  |
| 230      | Gregory Linteris                            | 1957             | USA                 | 2                | 1997                          | STS                       | -                           | MiSp  |
| 231      | Paul Lockhart                               | 1956             | USA                 | 2                | 2002 -                        | STS                       | ISS                         | Pi  |
| 232      | Yuri Lonchakov                              | 1965             | Russia              | 2                | 2001 -                        | STS                       | ISS                         | MiSp  |
| 233      | Michael Lopez-Alegria                       | 1958             | USA                 | 3                | 1995 -                        | STS                       | ISS                         | MiSp  |
| 234      | John (Mike) Lounge                          | 1946             | USA                 | 3                | 1985 - 1990                   | STS                       | -                           | MiSp  |
| 235      | Jack Lousma                                 | 1936             | USA                 | 2                | 1973 - 1982                   | Apollo/Skylab 3; STS      | Skylab-1                    | Pi  |
| 236      | James Lovell                                | 1928             | USA                 | 4                | 1965 - 1970                   | Gemini; Apollo            | -                           | Pi; moon landing fails but Apollo 13 crew returns safely to Earth |
| 237      | George Low                                  | 1956             | USA                 | 3                | 1990 - 1993                   | STS                       | -                           | MiSp  |
| 238      | Edward Lu                                   | 1963             | USA                 | 2                | 1997 -                        | STS                       | Mir; ISS                    | MiSp  |
| 239      | Shannon Lucid                               | 1943             | USA                 | 5                | 1985 -                        | STS                       | Mir                         | MiSp  |
| 240      | Vladimir Lyakhov                            | 1941             | Russia              | 3                | 1979 - 1988                   | Soyuz; Soyuz-T; Soyuz-TM  | Salyut 6 & 7; Mir           | Pi  |

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|----------|---|------------------|---------------------|------------------|-------------------------------|---------------------------|-----------------------------|--|
| <b>M</b> |   |                  |                     |                  |                               |                           |                             |  |
| 241      | Steven MacLean                              | 1954             | Canada              | 1                | 1992 -                        | STS                       | -                           | MiSp   |
| 242      | Sandra Magnus                               | 1964             | USA                 | 1                | 2002 -                        | STS                       | ISS                         | MiSp   |
| 243      | Oleg Makarov                                | 1933             | Russia              | 4                | 1973 - 1980                   | Soyuz; Soyuz-T            | Salyut 6                    | En   |
| 244      | Yuri Malenchenko                            | 1961             | Ukraine             | 2                | 1994 -                        | Soyuz-TM; STS             | Mir; ISS                    | Pi   |
| 245      | Franco Malerba                              | 1946             | Italy               | 1                | 1992                          | STS                       | -                           | MiSp   |
| 246      | Yuri Malyshev †                             | 1941             | Russia              | 2                | 1980 - 1984                   | Soyuz-T                   | Salyut 6 & 7                | Pi   |
| 247      | Gennadi Manakov                             | 1950             | Russia              | 2                | 1990 - 1993                   | Soyuz-TM                  | Mir                         | Pi   |
| 248      | Musa Manarov                                | 1951             | Azerbaijan          | 2                | 1987 - 1990                   | Soyuz-TM                  | Mir                         | En   |
| 249      | Michael Massimino                           | 1962             | USA                 | 1                | 2002 -                        | STS                       | -                           | MiSp   |
| 250      | Richard Mastracchio                         | 1960             | USA                 | 1                | 2000 -                        | STS                       | ISS                         | MiSp   |
| 251      | Thomas (Ken) Mattingly                      | 1936             | USA                 | 3                | 1972 - 1985                   | Apollo; STS               | -                           | Pi   |
| 252      | William McArthur                            | 1951             | USA                 | 3                | 1993 -                        | STS                       | Mir; ISS                    | MiSp   |
| 253      | Sharon Christa McAuliffe †                  | 1948             | USA                 | 1                | 1986                          | STS                       | -                           | MiSp; died in shuttle Challenger explosion (STS 51-L)    |
| 254      | Jon McBride                                 | 1943             | USA                 | 1                | 1984                          | STS                       | -                           | Pi   |
| 255      | Bruce McCandless                            | 1937             | USA                 | 2                | 1984 - 1990                   | STS                       | -                           | MiSp   |
| 256      | William McCool †                            | 1961             | USA                 | 1                | 2003                          | STS                       | -                           | Pi; died in shuttle Columbia re-entry accident (STS-107) |
| 257      | Michael McCulley                            | 1943             | USA                 | 1                | 1989                          | STS                       | -                           | Pi   |
| 258      | James McDivitt                              | 1929             | USA                 | 2                | 1965 - 1969                   | Gemini; Apollo            | -                           | Pi   |
| 259      | Donald McMonagle                            | 1952             | USA                 | 3                | 1991 - 1994                   | STS                       | -                           | Pi   |
| 260      | Ronald McNair †                             | 1950             | USA                 | 2                | 1984 - 1986                   | STS                       | -                           | MiSp; died in shuttle Challenger explosion (STS 51-L)    |
| 261      | Carl Meade                                  | 1950             | USA                 | 3                | 1990 - 1994                   | STS                       | -                           | MiSp   |
| 262      | Bruce Melnick                               | 1949             | USA                 | 2                | 1990 - 1992                   | STS                       | -                           | MiSp   |
| 263      | Pamela Melroy                               | 1961             | USA                 | 2                | 2000 -                        | STS                       | ISS                         | Pi   |
| 264      | Ulf Merbold                                 | 1941             | Germany             | 3                | 1983 - 1994                   | STS; Soyuz-TM             | Mir                         | MiSp   |
| 265      | Ernst Messerschmid                          | 1945             | Germany             | 1                | 1985                          | STS                       | -                           | MiSp   |
| 266      | Edgar Mitchell                              | 1930             | USA                 | 1                | 1971                          | Apollo                    | -                           | Pi   |
| 267      | Abdul Mohmand                               | 1959             | Afghanistan         | 1                | 1988                          | Soyuz-TM                  | Mir                         | MiSp   |
| 268      | Mamoru Mohri                                | 1948             | Japan               | 2                | 1992 -                        | STS                       | -                           | MiSp   |
| 269      | Lee Morin                                   | 1952             | USA                 | 1                | 2002 -                        | STS                       | ISS                         | MiSp   |
| 270      | Boris Morukov                               | 1950             | Russia              | 1                | 2000 -                        | STS                       | ISS                         | MiSp   |
| 271      | Chiaki Mukai                                | 1952             | Japan               | 2                | 1994 -                        | STS                       | -                           | MiSp   |
| 272      | Richard (Mike) Mullane                      | 1945             | USA                 | 3                | 1984 - 1990                   | STS                       | -                           | MiSp   |

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|----------|---|------------------|---------------------|------------------|-------------------------------|---------------------------|-----------------------------|---|
| 273      | Talgat Musabayev                            | 1951             | Kazakhstan          | 3                | 1994 -                        | Soyuz-TM                  | Mir; ISS                    | MiSp  |
| 274      | Franklin (Story) Musgrave                   | 1935             | USA                 | 6                | 1983 - 1996                   | STS                       | -                           | MiSp  |
| <b>N</b> |   |                  |                     |                  |                               |                           |                             |   |
| 275      | Steven Nagel                                | 1946             | USA                 | 4                | 1985 - 1993                   | STS                       | -                           | Pi  |
| 276      | Clarens (Bill) Nelson                       | 1942             | USA                 | 1                | 1986                          | STS                       | -                           | MiSp; then US Congressman                             |
| 277      | George (Pinky) Nelson                       | 1950             | USA                 | 3                | 1984 - 1988                   | STS                       | -                           | MiSp  |
| 278      | Rodolfo Neri Vela                           | 1952             | Mexico              | 1                | 1985                          | STS                       | -                           | MiSp  |
| 279      | James Newman                                | 1956             | USA                 | 4                | 1993 -                        | STS                       | ISS                         | MiSp  |
| 280      | Claude Nicollier                            | 1944             | Switzerland         | 4                | 1992 -                        | STS                       | -                           | MiSp  |
| 281      | Andrian Nikolayev †                         | 1929             | Russia              | 2                | 1962 - 1970                   | Vostok; Soyuz             | -                           | Pi  |
| 282      | Carlos Noriega                              | 1959             | USA                 | 2                | 1997 -                        | STS                       | Mir; ISS                    | MiSp  |
| <b>O</b> |   |                  |                     |                  |                               |                           |                             |   |
| 283      | Ellen Ochoa                                 | 1958             | USA                 | 4                | 1993 -                        | STS                       | ISS                         | MiSp  |
| 284      | Wubbo Ockels                                | 1946             | Netherlands         | 1                | 1985                          | STS                       | -                           | MiSp  |
| 285      | Bryan O'Connor                              | 1946             | USA                 | 2                | 1985 - 1991                   | STS                       | -                           | Pi  |
| 286      | Ellison Onizuka †                           | 1946             | USA                 | 2                | 1985 - 1986                   | STS                       | -                           | MiSp; died in shuttle Challenger explosion (STS 51-L) |
| 287      | Yuri Onufrienko                             | 1961             | Ukraine             | 2                | 1996 -                        | Soyuz-TM; STS             | Mir; ISS                    | MiSp  |
| 288      | Stephen Oswald                              | 1951             | USA                 | 3                | 1992 -                        | STS                       | -                           | Pi  |
| 289      | Robert Overmyer †                           | 1936             | USA                 | 2                | 1982 - 1985                   | STS                       | -                           | Pi  |

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|----------|---|------------------|---------------------|------------------|-------------------------------|---------------------------|-----------------------------|---|
| <b>P</b> |   |                  |                     |                  |                               |                           |                             |   |
| 290      | Gennadi Padalka                             | 1958             | Russia              | 2                | 1998 -                        | Soyuz-TM                  | Mir; ISS                    | Pi  |
| 291      | William Pailes                              | 1952             | USA                 | 1                | 1985                          | STS                       | -                           | En  |
| 292      | Scott Parazynski                            | 1961             | USA                 | 4                | 1994 -                        | STS                       | Mir; ISS                    | MiSp  |
| 293      | Ronald Parise                               | 1951             | USA                 | 2                | 1990 - 1995                   | STS                       | -                           | MiSp  |
| 294      | Robert Parker                               | 1936             | USA                 | 2                | 1983 - 1990                   | STS                       | -                           | MiSp  |
| 295      | Viktor Patsayev †                           | 1933             | Russia              | 1                | 1971                          | Soyuz                     | Salyut 1                    | Pi; first ever flight to a space station; Soyuz 11 crew died at landing due to loss of cabin atmosphere |
| 296      | James Pawelczyk                             | 1960             | USA                 | 1                | 1998                          | STS                       | -                           | MiSp  |
| 297      | Julie Payette                               | 1963             | Canada              | 1                | 1999 -                        | STS                       | ISS                         | MiSp  |
| 298      | Gary Payton                                 | 1948             | USA                 | 1                | 1985                          | STS                       | -                           | MiSp  |
| 299      | Philippe Perrin                             | 1963             | France              | 1                | 2002 -                        | STS                       | ISS                         | MiSp  |
| 300      | Donald Peterson                             | 1933             | USA                 | 1                | 1983                          | STS                       | -                           | MiSp; first flight of space shuttle Challenger  |
| 301      | Don Pettit                                  | 1955             | USA                 | 1                | 2002 -                        | STS                       | ISS                         | MiSp  |
| 302      | John Phillips                               | 1951             | USA                 | 1                | 2001 -                        | STS                       | ISS                         | MiSp  |
| 303      | William Pogue                               | 1930             | USA                 | 1                | 1973 - 1974                   | Apollo/Skylab 4           | Skylab-1                    | Pi; final long endurance Skylab-1 visit   |
| 304      | Mark Polansky                               | 1956             | USA                 | 1                | 2001 -                        | STS                       | ISS                         | Pi  |
| 305      | Aleksandr Polishchuk                        | 1953             | Russia              | 1                | 1993 -                        | Soyuz-TM                  | Mir                         | En  |
| 306      | Valeri Polyakov                             | 1942             | Russia              | 2                | 1988 - 1995                   | Soyuz-TM                  | Mir                         | Phys  |
| 307      | Leonid Popov                                | 1945             | Ukraine             | 3                | 1980 - 1982                   | Soyuz; Soyuz-T            | Salyut 6 & 7                | Pi  |
| 308      | Pavel Popovich                              | 1930             | Ukraine             | 2                | 1962 - 1974                   | Vostok; Soyuz             | -                           | Pi  |
| 309      | Charles Precourt                            | 1955             | USA                 | 4                | 1993 -                        | STS                       | Mir                         | Pi  |
| 310      | Dumitru Prunariu                            | 1952             | Rumania             | 1                | 1981                          | Soyuz                     | Salyut 6                    | MiSp; ninth Interkosmos mission   |

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|----------|---|------------------|---------------------|------------------|-------------------------------|---------------------------|-----------------------------|--|
| <b>R</b> |   |                  |                     |                  |                               |                           |                             |  |
| 311      | Ilan Ramon †                                | 1954             | Israel              | 1                | 2003                          | STS                       | -                           | MiSp; died in shuttle Columbia re-entry accident (STS-107) |
| 312      | William Readdy                              | 1952             | USA                 | 3                | 1992 -                        | STS                       | Mir                         | Pi   |
| 313      | Kenneth Reightler                           | 1951             | USA                 | 2                | 1991 - 1994                   | STS                       | -                           | Pi   |
| 314      | James Reilly                                | 1954             | USA                 | 2                | 1998 -                        | STS                       | Mir; ISS                    | MiSp   |
| 315      | Thomas Reiter                               | 1958             | Germany             | 1                | 1995 -                        | Soyuz-TM                  | Mir                         | MiSp   |
| 316      | Vladimir Remek                              | 1948             | Czech<br>Republic   | 1                | 1978                          | Soyuz                     | Salyut 6                    | MiSp; first Interkosmos mission                            |
| 317      | Judith Resnik †                             | 1949             | USA                 | 2                | 1984 - 1986                   | STS                       | -                           | MiSp; died in shuttle Challenger explosion (STS 51-L)      |
| 318      | Richard (Dick) Richards                     | 1946             | USA                 | 5                | 1989 - 2001                   | STS                       | ISS                         | Pi   |
| 319      | Sally Ride                                  | 1951             | USA                 | 2                | 1983 - 1984                   | STS                       | -                           | MiSp; first female astronaut on the shuttle                |
| 320      | Stephen Robinson                            | 1955             | USA                 | 2                | 1997 -                        | STS                       | -                           | MiSp   |
| 321      | Yuri Romanenko                              | 1944             | Russia              | 3                | 1977 - 1987                   | Soyuz; Soyuz-TM           | Salyut 6; Mir               | Pi   |
| 322      | Kent Rominger                               | 1956             | USA                 | 5                | 1995 -                        | STS                       | ISS                         | Pi   |
| 323      | Stuart Roosa †                              | 1933             | USA                 | 1                | 1971                          | Apollo                    | -                           | Pi   |
| 324      | Jerry Ross                                  | 1948             | USA                 | 7                | 1985 -                        | STS                       | Mir; ISS                    | MiSp   |
| 325      | Valeri Rozhdestvensky                       | 1939             | Russia              | 1                | 1976                          | Soyuz                     | -                           | En   |
| 326      | Nikolai Rukavishnikov †                     | 1932             | Russia              | 3                | 1971 - 1979                   | Soyuz; ASTP               | Salyut 1 & 6                | En   |
| 327      | Mario Runco                                 | 1952             | USA                 | 3                | 1991 -                        | STS                       | -                           | MiSp   |
| 328      | Valeri Ryumin                               | 1939             | Russia              | 4                | 1977 - 1998                   | Soyuz; STS                | Salyut 6                    | En   |

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|----------|---|------------------|---------------------|------------------|-------------------------------|---------------------------|-----------------------------|--|
| <b>S</b> |   |                  |                     |                  |                               |                           |                             |  |
| 329      | Albert Sacco                                | 1949             | USA                 | 1                | 1995                          | STS                       | -                           | MiSp   |
| 330      | Gennadi Sarafanov                           | 1942             | Russia              | 1                | 1974                          | Soyuz                     | -                           | Pi   |
| 331      | Viktor Savinykh                             | 1940             | Russia              | 3                | 1981 - 1988                   | Soyuz-T; Soyuz-TM         | Salyut 6 & 7; Mir           | En   |
| 332      | Svetlana Savitskaya                         | 1948             | Russia              | 2                | 1982 - 1984                   | Soyuz-T                   | Salyut 7                    | En   |
| 333      | Walter Schirra                              | 1923             | USA                 | 3                | 1962 - 1968                   | Mercury; Gemini; Apollo   | -                           | Pi; only astronaut to fly all three US capsules                                      |
| 334      | Hans Wilhelm Schlegel                       | 1951             | Germany             | 1                | 1993                          | STS                       | -                           | MiSp   |
| 335      | Harrison (Jack) Schmitt                     | 1935             | USA                 | 1                | 1972                          | Apollo                    | -                           | MiSp; final moon landing; the only scientist (geologist) to put his foot on the moon |
| 336      | Russell Schweickart                         | 1935             | USA                 | 1                | 1969                          | Apollo                    | -                           | Pi   |
| 337      | Francis Scobee †                            | 1939             | USA                 | 2                | 1984 - 1986                   | STS                       | -                           | Pi; died in Challenger explosion (STS 51-L)  |
| 338      | David Scott                                 | 1932             | USA                 | 3                | 1966 - 1971                   | Gemini; Apollo            | -                           | Pi   |
| 339      | Winston Scott                               | 1950             | USA                 | 2                | 1996 - 1997                   | STS                       | -                           | MiSp   |
| 340      | Paul Scully-Power                           | 1944             | USA                 | 1                | 1984                          | STS                       | -                           | MiSp   |
| 341      | Richard Searfoss                            | 1956             | USA                 | 3                | 1993 -                        | STS                       | Mir                         | Pi   |
| 342      | Margaret Seddon                             | 1947             | USA                 | 3                | 1985 - 1993                   | STS                       | -                           | MiSp   |
| 343      | Ronald Sega                                 | 1952             | USA                 | 2                | 1994 - 1996                   | STS                       | Mir                         | MiSp   |
| 344      | Piers Sellers                               | 1955             | USA                 | 1                | 2002 -                        | STS                       | ISS                         | MiSp   |
| 345      | Aleksandr Serebrov                          | 1944             | Russia              | 4                | 1982 - 1994                   | Soyuz-T; Soyuz-TM         | Salyut 7; Mir               | En   |
| 346      | Vitali Sevastyanov                          | 1935             | Russia              | 2                | 1970 - 1975                   | Soyuz; Salyut 4           | -                           | En   |
| 347      | Yuri Shargin                                | 1960             | Russia              | 1                | 2004 -                        | Soyuz-TMA                 | ISS                         | En   |
| 348      | Saliszan Sharipov                           | 1964             | Uzbekistan          | 2                | 1998 -                        | STS; Soyuz-TMA            | ISS                         | MiSp   |
| 349      | Rakesh Sharma                               | 1949             | India               | 1                | 1984                          | Soyuz-T                   | Salyut 7                    | MiSp   |
| 350      | Helen Sharman                               | 1963             | UK                  | 1                | 1991                          | Soyuz-TM                  | Mir                         | MiSp; first British female cosmonaut in space  |
| 351      | Vladimir Shatalov                           | 1927             | Russia              | 3                | 1969 - 1971                   | Soyuz                     | (Salyut 1)                  | Pi   |
| 352      | Brewster Shaw                               | 1945             | USA                 | 3                | 1983 - 1989                   | STS                       | -                           | Pi   |
| 353      | Alan Shepard †                              | 1923             | USA                 | 2                | 1961 - 1971                   | Mercury; Apollo           | -                           | Pi; first American (suborbital) space flight   |
| 354      | William Shepherd                            | 1949             | USA                 | 4                | 1988 -                        | STS; Soyuz-TM             | ISS                         | MiSp; first ISS Expedition Crew  |
| 355      | Georgi Shonin †                             | 1935             | Russia              | 1                | 1969                          | Soyuz                     | -                           | Pi   |
| 356      | Loren Shriver                               | 1944             | USA                 | 3                | 1985 - 1992                   | STS                       | -                           | Pi   |
| 357      | Mark Shuttleworth                           | <b>1973</b>      | South Africa        | 1                | 2002                          | Soyuz-TM                  | ISS                         | MiSp; second (paying) tourist in Space   |
| 358      | Donald (Deke) Slayton †                     | 1924             | USA                 | 1                | 1975                          | Apollo-ASTP               | -                           | Pi   |
| 359      | Michael Smith †                             | 1945             | USA                 | 1                | 1986                          | STS                       | -                           | Pi; died in Challenger explosion (STS 51-L)  |
| 360      | Steven Smith                                | 1958             | USA                 | 4                | 1994 -                        | STS                       | ISS                         | MiSp   |
| 361      | Anatoliy Solovyov                           | 1948             | Russia              | 5                | 1988 - 1997                   | Soyuz-TM; STS             | Mir                         | Pi   |
| 362      | Vladimir Solovyov                           | 1946             | Russia              | 2                | 1984 - 1986                   | Soyuz-T                   | Salyut 7; Mir               | En   |

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|-----|---|------------------|---------------------|------------------|-------------------------------|---------------------------|-----------------------------|--|
| 363 | Sherwood Spring                             | 1944             | USA                 | 1                | 1985                          | STS                       | -                           | MiSp   |
| 364 | Robert Springer                             | 1942             | USA                 | 2                | 1989 - 1990                   | STS                       | -                           | MiSp   |
| 365 | Thomas Stafford                             | 1930             | USA                 | 4                | 1965 - 1975                   | Gemini; Apollo; ASTP      | -                           | Pi   |
| 366 | Robert Stewart                              | 1942             | USA                 | 2                | 1984 - 1985                   | STS                       | -                           | MiSp   |
| 367 | Gennadi Strekalov                           | 1940             | Russia              | 6                | 1980 - 1995                   | Soyuz-T; Soyuz-TM         | Salyut 6 & 7; Mir           | MiSp; Soyuz-T 10 crew saved by abort system after launch vehicle blew up on pad at |
| 368 | Frederick Sturckow                          | 1961             | USA                 | 2                | 1998 -                        | STS                       | ISS                         | Pi   |
| 369 | Kathryn Sullivan                            | 1951             | USA                 | 3                | 1984 - 1992                   | STS                       | -                           | MiSp   |
| 370 | John (Jack) Swigert †                       | 1931             | USA                 | 1                | 1970                          | Apollo                    | -                           | Pi; moon landing fails but Apollo 13 crew returns safely to Earth                  |
|     | <b>T</b>                                    |                  |                     |                  |                               |                           |                             |  |
| 371 | Arnoldo Tamayo-Mendez                       | 1942             | Cuba                | 1                | 1980                          | Soyuz                     | Salyut 6                    | MiSp; seventh Interkosmos mission  |
| 372 | Daniel Tani                                 | 1961             | USA                 | 1                | 2001 -                        | STS                       | ISS                         | MiSp   |
| 373 | Joseph Tanner                               | 1950             | USA                 | 3                | 1994 -                        | STS                       | ISS                         | MiSp   |
| 374 | Valentina Tereshkova                        | 1937             | Russia              | 1                | 1963                          | Vostok                    | -                           | Pi; first woman in space!  |
| 375 | Norman Thagard                              | 1943             | USA                 | 5                | 1983 - 1995                   | STS; Soyuz-TM             | Mir                         | MiSp   |
| 376 | Gerhard Thiele                              | 1953             | Germany             | 1                | 2000 -                        | STS                       | -                           | MiSp   |
| 377 | Robert Thirsk                               | 1953             | Canada              | 1                | 1996                          | STS                       | -                           | MiSp   |
| 378 | Andrew Thomas                               | 1951             | USA                 | 3                | 1996 -                        | STS                       | Mir; ISS                    | MiSp   |
| 379 | Donald Thomas                               | 1955             | USA                 | 4                | 1994 -                        | STS                       | -                           | MiSp   |
| 380 | Kathryn Thornton                            | 1952             | USA                 | 4                | 1989 - 1995                   | STS                       | -                           | MiSp   |
| 381 | William Thornton                            | 1929             | USA                 | 2                | 1983 - 1985                   | STS                       | -                           | MiSp   |
| 382 | Pierre Thuot                                | 1955             | USA                 | 3                | 1990 - 1994                   | STS                       | -                           | MiSp   |
| 383 | Dennis Tito                                 | 1940             | USA                 | 1                | 2000                          | Soyuz-TM                  | ISS                         | first (paying) tourist in Space!   |
| 384 | Gherman Titov †                             | 1935             | Russia              | 1                | 1961                          | Vostok                    | -                           | Pi   |
| 385 | Vladimir Titov                              | 1947             | Russia              | 5                | 1983 - 1997                   | Soyuz-T; Soyuz-TM; STS    | Mir                         | Pi   |
| 386 | Michel Tognini                              | 1949             | France              | 2                | 1993 -                        | Soyuz-TM; STS             | -                           | MiSp   |
| 387 | Valeryi Tokarev                             | 1952             | Russia              | 1                | 1999 -                        | STS                       | -                           | Pi   |
| 388 | Sergei Treshchev                            | 1958             | Russia              | 1                | 2002 -                        | Soyuz-TM                  | ISS                         | MiSp   |
| 389 | Eugene Huu-Chau Trinh                       | 1950             | USA                 | 1                | 1992                          | STS                       | -                           | MiSp   |
| 390 | Richard Truly                               | 1937             | USA                 | 2                | 1981 - 1983                   | STS                       | -                           | Pi; performed test glide flights with shuttle Enterprise (OV-101)                  |
| 391 | Bjarni Tryggvason                           | 1945             | Canada              | 1                | 1997                          | STS                       | -                           | MiSp   |
| 392 | Vasili Tsibliyev                            | 1954             | Russia              | 2                | 1993 - 1997                   | Soyuz-TM                  | Mir                         | Pi   |
| 393 | Pham Tuan                                   | 1947             | Vietnam             | 1                | 1980                          | Soyuz                     | Salyut 6                    | MiSp; sixth Interkosmos mission  |
| 394 | Mikhail Tyurin                              | 1960             | Russia              | 1                | 2001 -                        | STS                       | ISS                         | MiSp   |

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|-----|---|------------------|---------------------|------------------|-------------------------------|---------------------------|-----------------------------|---|
|     | <b>U</b>                                    |                  |                     |                  |                               |                           |                             |   |
| 395 | Yuri Usachyov                               | 1957             | Russia              | 4                | 1994 -                        | Soyuz-TM; STS             | Mir; ISS                    | MiSp  |
|     | <b>V</b>                                    |                  |                     |                  |                               |                           |                             |   |
| 396 | Lodewijk van den Berg                       | 1932             | USA                 | 1                | 1985                          | STS                       | -                           | MiSp  |
| 397 | James (Ox) van Hoften                       | 1944             | USA                 | 2                | 1984 - 1985                   | STS                       | -                           | MiSp  |
| 398 | Vladimir Vasyutin †                         | 1952             | Russia              | 1                | 1985                          | Soyuz-T                   | Salyut 7                    | Pi  |
| 399 | Charles Veach †                             | 1944             | USA                 | 2                | 1991 - 1992                   | STS                       | -                           | MiSp  |
| 400 | Franz Viehboeck                             | 1960             | Austria             | 1                | 1991                          | Soyuz-TM                  | Mir                         | MiSp  |
| 401 | Aleksandr Viktorenko                        | 1947             | Russia              | 4                | 1987 - 1995                   | Soyuz-TM                  | Mir                         | Pi  |
| 402 | Pavel Vinogradov                            | 1953             | Russia              | 1                | 1997 -                        | Soyuz-TM                  | Mir                         | En  |
| 403 | Roberto Vittori                             | 1964             | Italy               | 1                | 2002 -                        | Soyuz-TM                  | ISS                         | MiSp  |
| 404 | Igor Volk                                   | 1937             | Ukraine             | 1                | 1984                          | Soyuz-T                   | Salyut 7                    | Pi  |
| 405 | Aleksandr Volkov                            | 1948             | Ukraine             | 3                | 1985 - 1992                   | Soyuz-T; Soyuz-TM         | Salyut 7; Mir               | Pi  |
| 406 | Vladislav Volkov †                          | 1935             | Russia              | 2                | 1969 - 1971                   | Soyuz                     | Salyut 1                    | MiSp; first ever flight to a space station; Soyuz 11 crew died at landing due to loss of cabin atmosphere |
| 407 | Boris Volynov                               | 1934             | Russia              | 2                | 1969 - 1976                   | Soyuz                     | -                           | Pi  |
| 408 | James Voss                                  | 1949             | USA                 | 5                | 1991 -                        | STS                       | ISS                         | MiSp  |
| 409 | Janice Voss                                 | 1956             | USA                 | 5                | 1993 -                        | STS                       | -                           | MiSp  |

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|----------|---|------------------|---------------------|------------------|-------------------------------|---------------------------|-----------------------------|---|
| <b>W</b> |   |                  |                     |                  |                               |                           |                             |   |
| 410      | Koichi Wakata                               | 1963             | Japan               | 2                | 1996 -                        | STS                       | ISS                         | MiSp  |
| 411      | Rex Walheim                                 | 1962             | USA                 | 1                | 2002 -                        | STS                       | ISS                         | MiSp  |
| 412      | Charles Walker                              | 1948             | USA                 | 3                | 1984 - 1985                   | STS                       | -                           | MiSp  |
| 413      | David Walker †                              | 1944             | USA                 | 4                | 1984 - 1995                   | STS                       | -                           | Pi  |
| 414      | Ulrich Walter                               | 1954             | Germany             | 1                | 1993                          | STS                       | -                           | MiSp  |
| 415      | Carl Walz                                   | 1955             | USA                 | 4                | 1993 -                        | STS                       | Mir; ISS                    | MiSp  |
| 416      | Taylor Gun-Jin Wang                         | 1940             | USA                 | 1                | 1985                          | STS                       | -                           | MiSp  |
| 417      | Mary Weber                                  | 1962             | USA                 | 2                | 1995 -                        | STS                       | ISS                         | MiSp  |
| 418      | Paul Weitz                                  | 1932             | USA                 | 2                | 1973 - 1983                   | Apollo/Skylab 2; STS      | Skylab-1                    | Pi  |
| 419      | James Wetherbee                             | 1952             | USA                 | 6                | 1990 -                        | STS                       | Mir; ISS                    | Pi  |
| 420      | Edward White †                              | 1930             | USA                 | 1                | 1965 - 1967                   | Gemini; (Apollo)          | -                           | Pi; died in Apollo 1 (AS-204) flash fire on launch pad  |
| 421      | Peggy Whitson                               | 1960             | USA                 | 1                | 2002 -                        | STS                       | ISS                         | MiSp  |
| 422      | Terrence Wilcutt                            | 1949             | USA                 | 4                | 1994 -                        | STS                       | Mir; ISS                    | Pi  |
| 423      | Dafydd (Dave) Williams                      | 1954             | USA                 | 1                | 1998 -                        | STS                       | -                           | MiSp  |
| 424      | Donald Williams                             | 1942             | USA                 | 2                | 1985 - 1989                   | STS                       | -                           | Pi  |
| 425      | Jeffrey Williams                            | 1958             | USA                 | 1                | 2000 -                        | STS                       | ISS                         | MiSp  |
| 426      | Peter (Jeff) Wisoff                         | 1958             | USA                 | 4                | 1993 - 2000                   | STS                       | Mir; ISS                    | MiSp  |
| 427      | David Wolf                                  | 1956             | USA                 | 3                | 1993 -                        | STS                       | Mir; ISS                    | MiSp  |
| 428      | Alfred Worden                               | 1932             | USA                 | 1                | 1971                          | Apollo                    | -                           | Pi  |
| <b>Y</b> |   |                  |                     |                  |                               |                           |                             |   |
| 429      | Yang Liwei                                  | 1965             | China               | 1                | 2003 -                        | Shenzhou                  | -                           | Pi; first Chinese taikonaut ("yuhangyuan") to fly in space  |
| 430      | Boris Yegorov †                             | 1937             | Russia              | 1                | 1964                          | Voskhod                   | -                           | Pi; member of first Voskhod crew  |
| 431      | Aleksei Yeliseyev                           | 1934             | Russia              | 3                | 1969 - 1971                   | Soyuz                     | Salyut 1                    | MiSp; first ever flight to a space station; Soyuz 11 crew died at landing due to loss of cabin atmosphere |
| 432      | John Young                                  | 1930             | USA                 | 6                | 1965 - 1983                   | Gemini; Apollo; STS       | -                           | Pi; commander on maiden shuttle flight  |
| 433      | Fyodor Yurchikhin                           | 1959             | Georgia             | 1                | 2002 -                        | STS                       | ISS                         | MiSp  |
| <b>Z</b> |   |                  |                     |                  |                               |                           |                             |   |
| 434      | Sergei Zalyotin                             | 1962             | Russia              | 2                | 2000 -                        | Soyuz-TM; Soyuz-TMA       | Mir; ISS                    | Pi  |
| 435      | Vitali Zholobov                             | 1937             | Ukraine             | 1                | 1976                          | Soyuz                     | Salyut 5                    | En  |
| 436      | Vyacheslav Zudov                            | 1942             | Russia              | 1                | 1976                          | Soyuz                     | -                           | Pi  |