

SpaceCalc			Projected Space Demographics						
Post Soyuz TMA-06M			Nation	No.	Rank	Space Endurance	Days/FLTs		
Total Fliers	530		1	Afghanistan	1	1	Sergei Krikalev 803/6		
Nations	38		2	Austria	1	2	Alexander Kaleri 770/5		
Men	474		3	Belgium	2	3	Sergei Avdeyev 748/3		
Women	56		4	Brazil	1	4	Valery Polyakov 679/2		
Total Tickets	1192		5	Bulgaria	2	5	Anatoly Solovyev 652/5		
United States	335		6	Canada	9	6	Gennady Padalka 586/3		
US Men	290		7	China	8	7	Victor Afanasyev 556/4		
US Women	45		8	Cuba	1	8	Yury Usachev 553/4		
Soviet Union	72		9	Czech.	1	9	Musa Manarov 541/2		
USSR Men	70		10	E. Germany	1	10	Yuri Malenchenko 515/4		
USSR Women	2		11	France	9	11	Alexander Viktorenko 489/4		
Russia/CIS	42		12	Germany	9	12	Nikolai Budarin 446/3		
Russian Men	41		13	Hungary	1	13	Yuri Romanenko 430/3		
Russian Women	1		14	India	1	14	Alexander Volkov 392/3		
Others	81		15	Israel	1	15	Yury Onufrienko 389/2		
Other Men	73		16	Italy	5	16	Vladimir Titov 387/4		
Other Women	8		17	Japan	9	17	Vasily Tsibliev 383/2		
Men with 7 flights	2		18	Kazakhstan	1	18	Mike Fincke 382/3		
Women with 7 flights	0		19	Malaysia	1	19	Valery Korzun 382/2		
Men with 6 flights	6		20	Mexico	1	20	Pavel Vinogradov 381/2		
Women with 6 flights	0		21	Mongolia	1	21	Peggy Whitson 377/2		
Men with 5 flights	17		22	Netherlands	2	22	Leonid Kizim 375/3		
Women with 5 flights	6		23	N. Vietnam	1	23	Mike Foale 374/6		
Men with 4 flights	60		24	Poland	1	24	Alexander Serebrov 374/4		
Women with 4 flights	6		25	Romania	1	25	Valery Ryumin 372/4		
Men with 3 flights	81		26	Russia	42	26	Fyodor Yurchikhin 371/3		
Women with 3 flights	8		27	Saudi Arabia	1	27	Sergei Volkov 366/2		
All with 2 flights	151		28	Slovakia	1	28	Jeff Williams 362/3		
All with 1 flight	193		29	South Africa	1				
TOTAL	530		30	South Korea	1				
In-flight Fatalities	18		31	Spain	1				
U.S. Fatalities	13		32	Sweden	1				
Soviet/CIS Fatalities	4		33	Switzerland	1				
Other Nations	1		34	Syria	1				
			35	Ukraine	1				
			36	United King.	1				
			37	USA	335				
			38	USSR	72				
			38	TOTAL	530				
						Rank	Top Spacewalkers	EVAs/H:M	
						1	Anatoly Solovyev	16/82:22	
						2	Mike Lopez-Alegria	10/67:40	
						3	Jerry Ross	09/58:21	
						4	John Grunsfeld	08/58:30	
						5	Steven Smith	07/49:48	
						6	Michael Fincke	09/48:37	
						7	Michael Fossum	07/48:32	
						8	Stephen Bowen	07/47:18	
						9	Scott Parazynski	07/47:05	
						10	Joe Tanner	07/46:29	
Name	Flts	Sex-Nation	1 Flight	2 Flights	3 Flights	4 Flights	5 Flights	6 Flights	7 Flights
			193	151	89	65	24	6	2
Acaba, Joseph	2	M-US	STS-119	TMA-04M					
Acton, Loren	1	M-US	STS-51F						
Adamson, James	2	M-US	STS-28	STS-43					
Afanasyev, Viktor	4	M-USSR	TM-11	TM-18	TM-29	TM-33			
Akers, Thomas	4	M-US	STS-41	STS-49	STS-61	STS-79			
Akiyama, Toyohiro	1	M-Japan	TM-11						
Aksenov, Vladimir	2	M-USSR	Soyuz 22	Soyuz T2					
Aldrin, Edwin	2	M-US	Gemini 12	Apollo 11					
Alexandrov, Alexander	1	M-Bulgaria	TM-5						
Alexandrov, Alexander	2	M-USSR	Soyuz T9	TM-3					
Allen, Andrew	3	M-US	STS-46	STS-62	STS-75				

Allen, Joseph	2	M-US	STS-5	STS-51A				
AlSaud, Sultan	1	M-S. Arabia	STS-51G					
Altman, Scott	4	M-US	STS-90	STS-106	STS-109	STS-125		
Anders, William	1	M-US	Apollo 8					
Anderson, Clay	2	M-US	STS-117/15	STS-131				
Anderson, Michael	2	M-US	STS-89	STS-107				
Ansari, Anousheh	1	F-US	ISS-14 (taxi)					
Antonelli, Anthony	2	M-US	STS-119	STS-132				
Apt, Jay	4	M-US	STS-37	STS-47	STS-59	STS-79		
Archambault, Lee	2	M-US	STS-117	STS-119				
Armstrong, Neil	2	M-US	Gemini 8	Apollo 11				
Arnold, Richard	1	M-US	STS-119					
Artsebarsky, Anatoly	1	M-USSR	TM-12					
Artyukhin, Yuri	1	M-USSR	Soyuz 14					
Ashby, Jeff	3	M-US	STS-93	STS-100	STS-112			
Atkov, Oleg	1	M-USSR	Soyuz T10					
Aubakirov, Toktar	1	M-USSR	TM-13					
Avdeyev, Sergei	3	M-Russia	TM-15	TM-22	TM-28			
Bagian, James	2	M-US	STS-29	STS-40				
Baker, Ellen	3	F-US	STS-34	STS-50	STS-71			
Baker, Michael	4	M-US	STS-43	STS-52	STS-68	STS-81		
Balandin, Alexander	1	M-USSR	TM-9					
Barratt, Michael	2	M-US	ISS-19/20	STS-133				
Barry, Daniel	3	M-US	STS-72	STS-96	STS-105			
Bartoe, John-David	1	M-US	STS-51F					
Baturin, Yuri	2	M-Russia	TM-28	STS-32				
Baudry, Patrick	1	M-France	STS-51G					
Bean, Alan	2	M-US	Apollo 12	Skylab 3				
Behnken, Robert	2	M-US	STS-123	STS-130				
Bella, Ivan	1	M-Slovakia	TM-29					
Belyayev, Pavel	1	M-USSR	Voskhod 2					
Beregovoy, Georgi	1	M-USSR	Soyuz 3					
Berezovoy, Anatoly	1	M-USSR	Soyuz T5-7					
Binnie, Brian	1	M-US	SSO X2					
Blaha, John	5	M-US	STS-29	STS-33	STS-43	STS-58	79/Mir3/81	
Bloomfield, Michael	3	M-US	STS-86	STS-97	STS-110			
Bluford, Guion	4	M-US	STS-8	STS-61A	STS-39	STS-53		
Bobko, Karol	3	M-US	STS-6	STS-51D	STS-51J			
Boe, Eric	2	M-US	STS-126	STS-133				
Bolden, Charles	4	M-US	STS-61C	STS-31	STS-45	STS-60		
Boming, Liu	1	M-China	Shenzhou 7					
Bondar, Roberta	1	F-Canada	STS-42					
Borisenko, Andrey	1	M-Russia	TMA-21					
Borman, Frank	2	M-US	Gemini 7	Apollo 8				
Bowen, Stephen	3	M-US	STS-126	STS-132	STS-133			
Bowersox, Kenneth	5	M-US	STS-50	STS-61	STS-73	STS-82	113/ISS6	
Brady, Charles	1	M-US	STS-78					
Brand, Vance	4	M-US	ASTP	STS-5	STS-41B	STS-35		
Brandenstein, Daniel	4	M-US	STS-8	STS-51G	STS-32	STS-49		
Bresnik, Randolph	1	M-US	STS-129					
Bridges, Roy	1	M-US	STS-51F					
Brown, Curt	6	M-US	STS-47	STS-66	STS-77	STS-85	STS-95	STS-103
Brown, David	1	M-US	STS-107					
Brown, Mark	2	M-US	STS-28	STS-48				
Buchli, James	4	M-US	STS-51C	STS-61A	STS-29	STS-48		
Buckey, Jay	1	M-US	STS-90					
Budarin, Nikolai	3	M-Russia	STS-71/Mir19	TM-27/Mir25	113/ISS6			
Burbank, Daniel	3	M-US	STS-106	STS-115	TMA-22			
Bursch, Daniel	4	M-US	STS-51	STS-68	STS-77	108/ISS4		
Bykovsky, Valery	3	M-USSR	Vostok 5	Soyuz 22	Soyuz 31			
Cabana, Robert	4	M-US	STS-41	STS-53	STS-65	STS-88		
Caldwell Dyson, Tracy	2	F-US	STS-118	TMA-18				

Camarda, Charles	1	M-US	STS-114						
Cameron, Kenneth	3	M-US	STS-37	STS-56	STS-74				
Carey, Duane	1	M-US	STS-109						
Carpenter, Scott	1	M-US	Mercury 7						
Carr, Gerald	1	M-US	Skylab 4						
Carter, Manley	1	M-US	STS-33						
Casper, John	4	M-US	STS-36	STS-54	STS-62	STS-77			
Cassidy, Christopher	1	M-US	STS-127						
Cenker, Robert	1	M-US	STS-61C						
Cernan, Eugene	3	M-US	Gemini 9	Apollo 10	Apollo 17				
Chamitoff, Gregory	2	M-US	STS-124	STS-134					
Chang-Diaz, Franklin	7	M-US	STS-61C	STS-34	STS-46	STS-60	STS-75	STS-91	STS-111
Chawla, Kalpana	2	F-US	STS-87	STS-107					
Chelli, Maurizio	1	M-Italy	STS-75						
Chiao, Leroy	4	M-US	STS-65	STS-72	STS-92	ISS-10			
Chilton, Kevin	3	M-US	STS-49	STS-59	STS-76				
Chretien, Jean-Loup	3	M-France	Soyuz T6	TM-7	STS-86				
Clark, Laurel	1	F-US	STS-107						
Cleave, Mary	2	F-US	STS-61B	STS-30					
Clervoy, Jean-Francois	3	M-France	STS-66	STS-84	STS-103				
Clifford, Richard	3	M-US	STS-53	STS-59	STS-76				
Coats, Michael	3	M-US	STS-41D	STS-29	STS-39				
Cockrell, Kenneth	5	M-US	STS-56	STS-69	STS-80	STS-98	STS-111		
Coleman, Catherine	3	F-US	STS-73	STS-93	TMA-20				
Collins, Eileen	4	F-US	STS-63	STS-84	STS-93	STS-114			
Collins, Michael	2	M-US	Gemini 10	Apollo 11					
Conrad, Charles	4	M-US	Gemini 5	Gemini 11	Apollo 12	Skylab 2			
Cooper, Gordon	2	M-US	Mercury 9	Gemini 5					
Covey, Richard	4	M-US	STS-511	STS-26	STS-38	STS-61			
Creamer, Timothy	1	M-US	ISS-22						
Creighton, John	3	M-US	STS-51G	STS-36	STS-48				
Crippen, Robert	4	M-US	STS-1	STS-7	STS-41C	STS-41G			
Crouch, Roger	2	M-US	STS-83	STS-94					
Culbertson, Frank	3	M-US	STS-38	STS-51	ISS-3				
Cunningham, Walter	1	M-US	Apollo 7						
Curbeam, Robert	3	M-US	STS-85	STS-98	STS-116				
Currie, Nancy	4	F-US	STS-57	STS-70	STS-88	STS-109			
Davis, Jan	3	F-US	STS-47	STS-60	STS-85				
DeLucas, Larry	1	M-US	STS-50						
Demin, Lev	1	M-USSR	Soyuz 15						
DeWinne, Frank	2	M-Belgium	Soyuz 5S	ISS-20/21					
Dezhurov, Vladimir	2	M-Russia	TM21/STS-71	ISS-3					
Dobrovolsky, Georgy	1	M-USSR	Soyuz 11						
Doi, Takao	2	M-Japan	STS-87	STS-123					
Drew, Benjamin	2	M-US	STS-118	STS-133					
Duffy, Brian	4	M-US	STS-45	STS-57	STS-72	STS-92			
Duke, Charles	1	M-US	Apollo 16						
Dunbar, Bonnie	5	F-US	STS-61A	STS-32	STS-50	STS-71	STS-89		
Duque, Pedro	2	M-Spain	STS-95	Soyuz 8S					
Durrance, Samuel	2	M-US	STS-35	STS-67					
Dutton, James	1	M-US	STS-131						
Dzhanibekov, Vladimir	5	M-USSR	Soyuz-27	Soyuz-39	Soyuz-T6	Soyuz-T12	Soyuz-T13		
Edwards, Joseph	1	M-US	STS-89						
Eisele, Donn	1	M-US	Apollo 7						
England, Anthony	1	M-US	STS-51F						
Engle, Joseph	2	M-US	STS-2	STS-511					
Evans, Ronald	1	M-US	Apollo 17						
Ewald, Reinhold	1	M-Germany	TM-25						
Eyharts, Leopold	2	M-France	TM-27	STS-122/16					
Fabian, John	2	M-US	STS-7	STS-51G					
Faris, MA	1	M-Syria	TM-3						
Farkas, Bertalan	1	M-Hungary	Soyuz 36						

Favier, Jean-Jacques	1	M-France	STS-78					
Feoktistov, Konstantin	1	M-USSR	Voskhod 1					
Ferguson, Chris	3	M-US	STS-115	STS-126	STS-135			
Fettman, Martin	1	M-US	STS-58					
Feustel, Andrew	2	M-US	STS-125	STS-134				
Filipchenko, Anatoly	2	M-USSR	Soyuz 7	Soyuz 16				
Fincke, Michael	3	M-US	ISS-9	TMA-13	STS-134			
Fisher, William	1	M-US	STS-51I					
Fisher, Anna	1	F-US	STS-51A					
Flade, Klaus-Dietrich	1	M-Germany	TM-14					
Foale, Michael	6	M-US	STS-45	STS-56	STS-63	84/Mir5/86	STS-103	ISS-8
Ford, Kevin	2	M-US	STS-127	TMA-06M				
Foreman, Michael	2	M-US	STS-123	STS-129				
Forrester, Patrick	3	M-US	STS-105	STS-117	STS-127			
Fossum, Michael	3	M-US	STS-121	STS-124	TMA-02M			
Frick, Stephen	2	M-US	STS-110	STS-122				
Frimout, Dirk	1	M-Belgium	STS-45					
Fuglesang, Christer	2	M-Sweden	STS-116	STS-127				
Fullerton, Gordon	2	M-US	STS-3	STS-51F				
Furrer, Reinhard	1	M-Germany	STS-61A					
Furukawa, Satoshi	1	M-Japan	TMA-02M					
Gaffney, Andrew	1	M-US	STS-40					
Gagarin, Yuri	1	M-USSR	Vostok 1					
Garan, Ronald	2	M-US	STS-124	TMA-21				
Gardner, Dale	2	M-US	STS-8	STS-51A				
Gardner, Guy	2	M-US	STS-27	STS-35				
Garn, Jake	1	M-US	STS-51D					
Garneau, Marc	3	M-Canada	STS-41G	STS-77	STS-97			
Garriott, Owen	2	M-US	Skylab 3	STS-9				
Garriott, Richard	1	M-US	TMA-13/taxi					
Gemar, Charles	3	M-US	STS-38	STS-48	STS-62			
Gernhardt, Michael	4	M-US	STS-69	STS-83	STS-94	STS-104		
Gibson, Edward	1	M-US	Skylab 4					
Gibson, Robert	5	M-US	STS-41B	STS-61C	STS-27	STS-47	STS-71	
Gidzenko, Yuri	3	M-Russia	TM-22	ISS-1	TM-34			
Glazkov, Yuri	1	M-USSR	Soyuz 24					
Glenn, John	2	M-US	MA- 6	STS-95				
Godwin, Linda	4	F-US	STS-37	STS-59	STS-76	STS-108		
Good, Michael	2	M-US	STS-125	STS-132				
Gorbatko, Viktor	3	M-USSR	Soyuz 7	Soyuz 24	Soyuz 37			
Gordon, Richard	2	M-US	Gemini 11	Apollo 12				
Gorie, Dominic	4	M-US	STS-91	STS-99	STS-108	STS-123		
Grabe, Ronald	4	M-US	STS-51J	STS-30	STS-42	STS-57		
Grechko, Georgy	3	M-USSR	Soyuz 17	Soyuz 26	Soyuz T14			
Gregory, Frederick	3	M-US	STS-51B	STS-33	STS-44			
Gregory, William	1	M-US	STS-67					
Griggs, David	1	M-US	STS-51D					
Grissom, Virgil	2	M-US	Mercury 4	Gemini 3				
Grunsfeld, John	5	M-US	STS-67	STS-81	STS-103	STS-109	STS-125	
Gubarev, Alexei	2	M-USSR	Soyuz 17	Soyuz 28				
Guidoni, Umberto	2	M-Italy	STS-75	STS-100				
Gurragcha, J	1	M-Mongolia	Soyuz 39					
Gutierrez, Sidney	2	M-US	STS-40	STS-59				
Hadfield, Chris	2	M-Canada	STS-74	STS-100				
Haigere, Jean-Pierre	2	M-France	TM-17	TM-29				
Haignere, Claudie	2	F-France	TM-24	TM-33				
Haipeng, Jing	2	M-China	Shenzhou 7	Shenzhou 9				
Haise, Fred	1	M-US	Apollo 13					
Haisheng, Nie	1	M-China	Shenzhou 6					
Halsell, James	5	M-US	STS-65	STS-74	STS-83	STS-94	STS-101	
Ham, Kenneth	2	M-US	STS-124	STS-132				
Hammond, Blaine	2	M-US	STS-39	STS-64				

Harbaugh, Gregory	4	M-US	STS-39	STS-54	STS-71	STS-82		
Harris, Bernard	2	M-US	STS-55	STS-63				
Hart, Terry	1	M-US	STS-41C					
Hartsfield, Henry	3	M-US	STS-4	STS-41D	STS-61A			
Hauck, Frederick	3	M-US	STS-7	STS-51A	STS-26			
Hawley, Stephen	5	M-US	STS-41D	STS-61C	STS-31	STS-82	STS-93	
Helms, Susan	5	F-US	STS-54	STS-64	STS-78	STS-101	ISS-2	
Henize, Karl	1	M-US	STS-51F					
Hennen, Thomas	1	M-US	STS-44					
Henricks, Terence	4	M-US	STS-44	STS-55	STS-70	STS-78		
Hermaszewski, M	1	M-Poland	Soyuz 30					
Hernandez, Jose	1	M-US	STS-127					
Herrington, John	1	M-US	STS-113					
Hieb, Richard	3	M-US	STS-39	STS-49	STS-65			
Higginbotham, Joan	1	F-US	STS-116					
Hilmers, David	4	M-US	STS-51J	STS-26	STS-36	STS-42		
Hire, Kay	2	F-US	STS-90	STS-130				
Hobaugh, Charles	3	M-US	STS-104	STS-118	STS-129			
Hoffman, Jeffrey	5	M-US	STS-51D	STS-35	STS-46	STS-61	STS-75	
Horowitz, Scott	4	M-US	STS-75	STS-82	STS-101	STS-105		
Hoshide, Akihiko	2	M-Japan	STS-124	TMA-05M				
Hughes-Fulford, Millie	1	F-US	STS-40					
Hurley, Douglas	2	M-US	STS-127	STS-135				
Husband, Rick	2	M-US	STS-96	STS-107				
Irwin, James	1	M-US	Apollo 15					
Ivanchenkov, Alexander	2	M-USSR	Soyuz 29	Soyuz T-6				
Ivanishin, Anatoly	1	M-Russia	TMA-22					
Ivanov, Georgi*	1	M-Bulgaria	Soyuz 33					
Ivins, Marsha	5	F-US	STS-32	STS-46	STS-62	STS-81	STS-98	
Jaehn, Sigmund	1	M-EGermany	Soyuz 31					
Jemison, Mae	1	F-US	STS-47					
Jernigan, Tamara	5	F-US	STS-40	STS-52	STS-67	STS-80	STS-96	
Jett, Brent	4	M-US	STS-72	STS-81	STS-97	STS-115		
Johnson, Gregory C.	1	M-US	STS-125					
Johnson, Gregory H.	2	M-US	STS-123	STS-134				
Jones, Thomas	4	M-US	STS-59	STS-68	STS-80	STS-98		
Junlong, Fei	1	M-China	Shenzhou 6					
Kadennyuk, Leonid	1	M-Ukraine	STS-87					
Kaleri, Alexander	5	M-Russia	TM-14	TM-24	Mir-28	ISS-8	TMA-01M	
Kavandi, Janet	3	F-US	STS-91	STS-99	STS-104			
Kelly, James M.	2	M-US	STS-102	STS-114				
Kelly, Mark	4	M-US	STS-108	STS-121	STS-124	STS-134		
Kelly, Scott	3	M-US	STS-103	STS-118	TMA-01M			
Kerwin, Joseph P	1	M-US	Skylab 2					
Khrunov, Yevgeny	1	M-USSR	Soyuz 4-5					
Kilrain, Susan	2	F-US	STS-83	STS-94				
Kimbrough, Robert	1	M-US	STS-126					
Kizim, Leonid	3	M-USSR	Soyuz T3	Soyuz T10	Soyuz T15			
Klimuk, Pyotr	3	M-USSR	Soyuz 13	Soyuz 18	Soyuz 30			
Komarov, Vladimir	2	M-USSR	Voskhod 1	Soyuz 1				
Kondakova, Elena	2	F-Russia	TM-20	STS-84				
Kondratyev, Dmitri	1	M-Russia	TMA-20					
Kononenko, Oleg	2	M-Russia	TMA-12	TMA-03M				
Kopra, Timothy	1	M-US	127/ISS-20					
Kornienko, Mikhail	1	M-Russia	TMA-18					
Korzun, Valery	2	M-Russia	TM-24	111/ISS5				
Kotov, Oleg	2	M-Russia	ISS-15	ISS-22				
Kovalenok, Vladimir	3	M-USSR	Soyuz 25	Soyuz 29	Soyuz T4			
Kozeev, Konstantin	1	M-Russia	TM-33					
Kregel, Kevin	4	M-US	STS-70	STS-78	STS-87	STS-99		
Krikalev, Sergei	6	M-USSR	TM-7	TM-12	STS-60	STS-88	ISS-1	ISS-11
Kubasov, Valery	3	M-USSR	Soyuz 6	Soyuz 19AST	Soyuz 36			

Kuipers, Andre	2	M-Netherlands	ISS-9	TMA-03M				
Laliberte, Guy	1	M-Canada	SoyuzTMA16					
Laveikin, Alexander	1	M-USSR	TM-2					
Lawrence, Wendy	4	F-US	STS-67	STS-86	STS-91	STS-114		
Lazarev, Vasily	2	M-USSR	Soyuz 12	Soyuz 18A				
Lazutkin, Alexander	1	M-Russia	TM-25					
Lebedev, Valentin	2	M-USSR	Soyuz 13	Soyuz T5				
Lee, Mark	4	M-US	STS-30	STS-47	STS-54	STS-82		
Leestma, David	3	M-US	STS-41G	STS-28	STS-45			
Lenoir, William	1	M-US	STS-5					
Leonov, Alexei	2	M-USSR	Voskhod 2	Soyuz 19				
Leslie, Fred	1	M-US	STS-73					
Levchenko, Anatoly	1	M-USSR	TM-4					
Lichtenberg, Byron	2	M-US	STS-9	STS-45				
Lind, Donald	1	M-US	STS-51B					
Lindsey, Steven	5	M-US	STS-87	STS-95	STS-104	STS-121	STS-133	
Linenger, Jerry	2	M-US	STS-64	81/Mir4/84				
Linnehan, Richard	4	M-US	STS-78	STS-90	STS-109	STS-123		
Linteris, Gregory	2	M-US	STS-83	STS-94				
Liwei, Yang	1	M-China	Shenzhou 1					
Lockhart, Paul	2	M-US	STS-111	STS-113				
Lonchakov, Yuri	3	M-Russia	STS-100	Soyuz 5S	TMA-13			
Lopez-Alegria, Michael	4	M-US	STS-73	STS-92	STS-113	ISS-14		
Lounge, Michael	3	M-US	STS-51I	STS-26	STS-35			
Lousma, Jack	2	M-US	Skylab 3	STS-3				
Love, Stanley	1	M-US	STS-122					
Lovell, James	4	M-US	Gemini 7	Gemini 12	Apollo 8	Apollo 13		
Low, David	3	M-US	STS-32	STS-43	STS-57			
Lu, Edward	3	M-US	STS-84	STS-106	ISS-7			
Lucid, Shannon	5	F-US	STS-51G	STS-34	STS-43	STS-58	76/Mir2/79	
Lyakhov, Vladimir	3	M-USSR	Soyuz 32	Soyuz T9	TM-6			
MacLean, Steve	2	M-Canada	STS-52	STS-115				
Magnus, Sandra	3	F-US	STS-112	STS-126	STS-135			
Makarov, Oleg	4	M-USSR	Soyuz 12	Soyuz 18A	Soyuz 27	Soyuz T3		
Malenchenko, Yuri	5	M-Russia	TM-19	STS-106	ISS-7	ISS-16	TMA-05M	
Malerba, Franco	1	M-Italy	STS-46					
Malyshhev, Yuri	2	M-USSR	Soyuz T2	Soyuz T11				
Manakov, Gennady	2	M-USSR	TM-10	TM-16				
Manarov, Musa	2	M-USSR	TM-4	TM-11				
Marshburn, Thomas	1	M-US	STS-127					
Massamino, Michael	2	M-US	STS-109	STS-125				
Mastracchio, Richard	3	M-US	STS-106	STS-118	STS-131			
Mattingly, Thomas	3	M-US	Apollo 16	STS-4	STS-51C			
McArthur, Megan	1	F-US	STS-125					
McArthur, William	4	M-US	STS-58	STS-74	STS-92	ISS-12		
McBride, Jon	1	M-US	STS-41G					
McCandless, Bruce	2	M-US	STS-41B	STS-31				
McCool, William	1	M-US	STS-107					
McCulley, Michael	1	M-US	STS-34					
McDivitt, James	2	M-US	Gemini 4	Apollo 9				
McMonagle, Donald	3	M-US	STS-39	STS-54	STS-66			
McNair, Ronald	1	M-US	STS-41B					
Meade, Carl	3	M-US	STS-38	STS-50	STS-64			
Melnick, Bruce	2	M-US	STS-41	STS-49				
Melroy, Pamela	3	F-US	STS-92	STS-112	STS-120			
Melvill, Michael	2	M-US	SSO	SSO X1				
Melvin, Leland	2	M-US	STS-122	STS-129				
Mendez, Arnaldo	1	M-Cuba	Soyuz 38					
Merbold, Ulf	3	M-Germany	STS-9	STS-42	TM-20			
Messerschmid, Ernst	1	M-Germany	STS-61A					
Metcalf-Lind., Dottie	1	F-US	STS-131					
Mitchell, Edgar	1	M-US	Apollo 14					

Mohmand, A	1	M-Afghanistan	TM-6					
Mohri, Mamoru	2	M-Japan	STS-47	STS-99				
Morgan, Barbara	1	F-US	STS-118					
Morin, Lee	1	M-US	STS-110					
Morukov, Boris	1	M-Russia	STS-106					
Mukai, Chiaki	2	F-Japan	STS-65	STS-95				
Mullane, Michael	3	M-US	STS-41D	STS-27	STS-36			
Musabayev, Talgat	3	M-Kazakhstan	TM-19	TM-27/Mir25	TM-32			
Musgrave, Story	6	M-US	STS-6	STS-51F	STS-33	STS-44	STS-61	STS-80
Nagel, Steven	4	M-US	STS-51G	STS-61A	STS-37	STS-55		
Nelson, George	3	M-US	STS-41C	STS-61C	STS-26			
Nelson, William	1	M-US	STS-61C					
Neri, Rodolfo	1	M-Mexico	STS-61B					
Nespoli, Paolo	2	M-Italy	STS-120	TMA-20				
Newman, James	4	M-US	STS-51	STS-69	STS-88	STS-109		
Nicollier, Claude	4	M-Switzerland	STS-46	STS-61	STS-75	STS-103		
Nikolayev, Andrian	2	M-USSR	Vostok 3	Soyuz 9				
Noguchi, Soichi	2	M-Japan	STS-114	ISS-22				
Noriega, Carlos	2	M-US	STS-84	STS-97				
Novitsky, Oleg	1	M-Russia	TMA-06M					
Nowak, Lisa	1	F-US	STS-121					
Nyberg, Karen	1	F-US	STS-124					
O'Connor, Bryan	2	M-US	STS-61B	STS-40				
Ochoa, Ellen	4	F-US	STS-56	STS-66	STS-96	STS-110		
Ockels, Wubbo	1	M-Netherlands	STS-61A					
Oefelein, William	1	M-US	STS-116					
Olivas, John	2	M-US	STS-117	STS-127				
Olsen, Gregory	1	M-US	ISS-12 Taxi					
Onizuka, Ellison	1	M-US	STS-51C					
Onufrienko, Yuri	2	M-Russia	Mir21	108/ISS4				
Oswald, Stephen	3	M-US	STS-42	STS-56	STS-67			
Overmyer, Robert	2	M-US	STS-5	STS-51B				
Padalka, Gennady	4	M-Russia	TM-28	ISS-9	ISS-19/20	TMA-04M		
Pailes, William	1	M-US	STS-51J					
Parazynski, Scott	5	M-US	STS-66	STS-86	STS-95	STS-100	STS-120	
Parise, Ronald	2	M-US	STS-35	STS-67				
Parker, Robert	2	M-US	STS-9	STS-35				
Patrick, Nicholas	2	M-US	STS-116	STS-130				
Patsayev, Viktor	1	M-USSR	Soyuz 11					
Pawelczyk, James	1	M-US	STS-90					
Payette, Julie	2	F-Canada	STS-96	STS-127				
Payton, Gary	1	M-US	STS-51C					
Perrin, Philippe	1	M-France	STS-111					
Peterson, Donald	1	M-US	STS-6					
Pettit, Donald	3	M-US	113/ISS6	STS-126	TMA-03M			
Phillips, John	3	M-US	STS-100	ISS-11	STS-119			
Piper, Heide	2	F-US	STS-115	STS-126				
Pogue, William	1	M-US	Skylab 4					
Poindexter, Alan	2	M-US	STS-122	STS-131				
Polansky, Mark	3	M-US	STS-98	STS-116	STS-127			
Poleshchuk, Alexander	1	M-Russia	TM-16					
Polyakov, Valery	2	M-USSR	TM-6	TM-18				
Pontes, Marcos	1	M-Brazil	ISS-13					
Popov, Leonid	3	M-USSR	Soyuz 35	Soyuz 40	Soyuz T7			
Popovich, Pavel	2	M-USSR	Vostok 4	Soyuz 14				
Precourt, Charles	4	M-US	STS-55	STS-71	STS-84	STS-91		
Prunariu, D	1	M-Romania	Soyuz 40					
Ramon, Ilan	1	M-Israel	STS-107					
Readdy, William	3	M-US	STS-42	STS-51	STS-79			
Reightler, Kenneth	2	M-US	STS-48	STS-60				
Reilly, James	3	M-US	STS-89	STS-104	STS-117			
Reisman, Garrett	2	M-US	STS-123	STS-132				

Reiter, Thomas	2	M-Germany	TM-22	STS-121					
Remek, Vladimir	1	M-Czech	Soyuz 28						
Resnik, Judith	1	F-US	STS-41D						
Revin, Sergei	1	M-Russia	TMA-04M						
Richards, Paul	1	M-US	STS-102						
Richards, Richard	4	M-US	STS-28	STS-41	STS-50	STS-64			
Ride, Sally	2	F-US	STS-7	STS-41G					
Robinson, Stephen	4	M-US	STS-85	STS-95	STS-114	STS-130			
Romanenko, Roman	1	M-Russia	ISS-20/21						
Romanenko, Yuri	3	M-USSR	Soyuz 26	Soyuz 38	TM-2				
Rominger, Kent	5	M-US	STS-73	STS-80	STS-85	STS-96	STS-100		
Roosa, Stuart	1	M-US	Apollo 14						
Ross, Jerry	7	M-US	STS-61B	STS-27	STS-37	STS-55	STS-74	STS-88	STS-110
Rozhdestvensky, Valery	1	M-USSR	Soyuz 23						
Rukavishnikov, Nikolai	3	M-USSR	Soyuz 10	Soyuz 16	Soyuz 33				
Runco, Mario	3	M-US	STS-44	STS-54	STS-77				
Ryumin, Valery	4	M-USSR	Soyuz 25	Soyuz 32	Soyuz 35	STS-91			
Sacco, Albert	1	M-US	STS-73						
Samokutyaev, Alex.	1	M-Russia	TMA-21						
Sarafanov, Gennadi	1	M-USSR	Soyuz 15						
Satcher, Robert	1	M-US	STS-129						
Savinykh, Viktor	3	M-USSR	Soyuz T4	Soyuz T13	TM-5				
Savitskaya, Svetlana	2	F-USSR	Soyuz T7	Soyuz T12					
Schirra, Walter	3	M-US	Mercury 8	Gemini 6	Apollo 7				
Schlegel, Hans	2	M-Germany	STS-55	STS-122					
Schmitt, Harrison	1	M-US	Apollo 17						
Schweickart, Russell	1	M-US	Apollo 9						
Scobee, Francis	1	M-US	STS-41C						
Scott, David	3	M-US	Gemini 8	Apollo 9	Apollo 15				
Scott, Winston	2	M-US	STS-72	STS-87					
Scully-Power, Paul	1	M-US	STS-41G						
Searfoss, Richard	3	M-US	STS-58	STS-76	STS-90				
Seddon, Rhea	3	F-US	STS-51D	STS-40	STS-58				
Sega, Ronald	2	M-US	STS-60	STS-76					
Sellers, Piers	3	M-US	STS-112	STS-121	STS-132				
Serebrov, Alexander	4	M-USSR	Soyuz T7	Soyuz T8	TM-8	TM-17			
Sevastianov, Vitaly	2	M-USSR	Soyuz 9	Soyuz 18					
Shargin, Yuri	1	M-Russia	ISS-10						
Sharipov, Salizhan	2	M-Russia	STS-89	ISS-10					
Sharma, Rakesh	1	M-India	Soyuz T11						
Sharman, Helen	1	F-UK	TM-12						
Shatalov, Vladimir	3	M-USSR	Soyuz 4	Soyuz 8	Soyuz 10				
Shaw, Brewster	3	M-US	STS-9	STS-61B	STS-28				
Shepard, Alan	2	M-US	Mercury 3	Apollo 14					
Shepherd, William	4	M-US	STS-27	STS-41	STS-52	ISS-1			
Shkaplerov, Anton	1	M-Russia	TMA-22						
Shonin, Georgy	1	M-USSR	Soyuz 6						
Shriver, Loren	3	M-US	STS-51C	STS-31	STS-46				
Shukor, S, Muszaphar	1	M-Malaysia	TMA-11						
Shuttleworth, Mark	1	M-S.Africa	TM-34						
Simonyi, Charles	2	M-US	ISS-15 Taxi	ISS-19 Taxi					
Skripochka, Oleg	1	M-Russia	TMA-01M						
Skvortsov, Alexander	1	M-Russia	TMA-18						
Slayton, Donald	1	M-US	ASTP						
Smith, Steven	4	M-US	STS-68	STS-82	STS-103	STS-110			
Solovyev, Anatoly	5	M-USSR	TM-5	TM-9	TM-15	71/Mir19	TM-26		
Solovyov, Vladimir	2	M-USSR	Soyuz T10	Soyuz T15					
Spring, Sherwood	1	M-US	STS-61B						
Springer, Robert	2	M-US	STS-29	STS-38					
Stafford, Thomas	4	M-US	Gemini 6	Gemini 9	Apollo 10	ASTP			
Stewart, Robert	2	M-US	STS-41B	STS-51J					
Stott, Nicole	2	F-US	STS-127/129	STS-133					

Strekalov, Gennady	5	M-USSR	Soyuz T3	Soyuz T8	Soyuz T11	TM-10	Mir18/STS-71	
Sturckow, Frederick	4	M-US	STS-95	STS-105	STS-117	STS-128		
Sullivan, Kathryn	3	F-US	STS-41G	STS-31	STS-45			
Suraev, Maxim	1	M-Russia	ISS-20/21					
Swanson, Steven	2	M-US	STS-117	STS-119				
Swigert, John	1	M-US	Apollo 13					
Tani, Daniel	2	M-US	STS-108	STS-120				
Tanner, Joseph	4	M-US	STS-66	STS-82	STS-97	STS-115		
Tarelkin, Evgeny	1	M-Russia	TMA-06M					
Tereshkova, Valentina	1	F-USSR	Vostok 6					
Thagard, Norman	5	M-US	STS-7	STS-51B	STS-30	STS-42	TM-21/Mir1/71	
Thiele, Gerhard	1	M-Germany	STS-99					
Thirsk, Robert	2	M-Canada	STS-78	ISS-20/21				
Thomas, Andrew	4	M-US	STS-77	89/Mir7/91	STS-102	STS-114		
Thomas, Donald	4	M-US	STS-65	STS-70	STS-83	STS-94		
Thornton, Kathryn	4	F-US	STS-33	STS-49	STS-61	STS-73		
Thornton, William	2	M-US	STS-8	STS-51B				
Thuot, Pierre	3	M-US	STS-36	STS-49	STS-62			
Tito, Dennis	1	M-US	Soyuz TM-32					
Titov, Gherman	1	M-USSR	Vostok 2					
Titov, Vladimir	4	M-USSR	Soyuz T8	SoyuzTM-4	STS-63	STS-86		
Tognini, Michel	2	M-France	TM-15	STS-93				
Tokarev, Valery	2	M-Russia	STS-96	ISS-12				
Treschev, Sergei	1	M-Russia	111/ISS5					
Trinh, Eugene	1	M-US	STS-50					
Truly, Richard	2	M-US	STS-2	STS-8				
Tryggvason, Bjarni	1	M-Canada	STS-85					
Tsibliyev, Vasily	2	M-Russia	TM-17	TM-25				
Tuan, Pham	1	M-Vietnam	Soyuz 37					
Tyurin, Mikhail	2	M-Russia	ISS-3	ISS-14				
Usachev, Yuri	4	M-Russia	TM-18	Mir21	STS-101	ISS-2		
van den Berg, Lodewijk	1	M-US	STS-51B					
van Hoften, James	2	M-US	STS-41C	STS-51I				
Vasyutin, Vladimir	1	M-USSR	Soyuz T14					
Veach, Charles	2	M-US	STS-39	STS-52				
Viehboeck, Franz	1	M-Austria	TM-13					
Viktorenko, Alexander	4	M-USSR	TM-3	TM-8	TM-14	TM20		
Vinogradov, Pavel	2	M-Russia	TM-26	ISS-13				
Virts, Terry	1	M-US	STS-130					
Vittori, Roberto	3	M-Italy	TM-34	TMA-6	STS-134			
Volk, Igor	1	M-USSR	Soyuz T12					
Volkov, Alexander	3	M-USSR	Soyuz T14	TM-7	TM-13			
Volkov, Sergey	2	M-Russia	TMA-12	TMA-02M				
Volkov, Vladislav	2	M-USSR	Soyuz 7	Soyuz 11				
Volynov, Boris	2	M-USSR	Soyuz 5	Soyuz 21				
Voss, James	5	M-US	STS-44	STS-53	STS-69	STS-101	ISS-2	
Voss, Janice	5	F-US	STS-57	STS-63	STS-83	STS-94	STS-99	
Wakata, Koichi	3	M-Japan	STS-72	STS-92	ISS-18/19			
Walheim, Rex	3	M-US	STS-110	STS-122	STS-135			
Walker, Charles	3	M-US	STS-41D	STS-51D	STS-61B			
Walker, David	4	M-US	STS-51A	STS-30	STS-53	STS-69		
Walker, Joseph	2	M-US	X-15	X-15				
Walker, Shannon	1	F-US	TMA-19					
Walter, Ulrich	1	M-Germany	STS-55					
Walz, Carl	4	M-US	STS-51	STS-65	STS-79	108/ISS4		
Wang, Liu	1	M-China	Shenzhou 9					
Wang, Taylor	1	M-US	STS-51B					
Weber, Mary Ellen	2	F-US	STS-70	STS-101				
Weitz, Paul	2	M-US	Skylab 2	STS-6				
Wetherbee, James	6	M-US	STS-32	STS-52	STS-63	STS-86	STS-102	STS-113
Wheelock, Douglas	2	M-US	STS-120	TMA-19				
White, Edward	1	M-US	Gemini 4					

Whitson, Peggy	2	F-US	111/ISS5	ISS-16					
Wilcutt, Terrence	4	M-US	STS-68	STS-79	STS-89	STS-106			
Williams, Dafydd	2	M-Canada	STS-90	STS-118					
Williams, Donald	2	M-US	STS-51D	STS-34					
Williams, Jeffrey	3	M-US	STS-101	ISS-13	ISS-20/21				
Williams, Sunita	2	F-US	STS-116	TMA-05M					
Wilmore, Barry	1	M-US	STS-129						
Wilson, Stephanie	3	F-US	STS-121	STS-120	STS-131				
Wisoff, Jeff	4	M-US	STS-57	STS-68	STS-81	STS-92			
Wolf, David	4	M-US	STS-58	86/Mir6/89	STS-112	STS-127			
Worden, Alfred	1	M-US	Apollo 15						
Yamazaki, Naoko	1	F-Japan	SS-131						
Yang, Liu	1	F-China	Shenzhou 9						
Yegorov, Boris	1	M-USSR	Voskhod 1						
Yeliseyev, Alexei	3	M-USSR	Soyuz 4	Soyuz 8	Soyuz 10				
Yi, So-Yeon	1	F-S.Korea	TMA-12 (taxi)						
Young, John	6	M-US	Gemini 3	Gemini 10	Apollo 10	Apollo 16	STS-1	STS-9	
Yurchikhin, Fyodor	3	M-Russia	STS-112	ISS-15	TMA-19				
Zalyotin, Sergei	2	M-Russia	Mir-28	Soyuz 5S					
Zamka, George	2	M-US	STS-120	STS-130					
Zhigang,Zhai	1	M-China	Shenzhou 7						
Zholobov, Vitaly	1	M-USSR	Soyuz 21						
Zudov,Vyacheslav	1	M-USSR	Soyuz 23						
*Ivanov Born Georgi Kakalov; named changed on Russian orders									
Compiled by William Harwood, CBS News, and Rob Navias, NASA									