

STS-117/ISS-13 Quick-Look Data

CBS News SpaceCalc

Position/Age Astronaut/Flights Family/TIS DOB/Seat

Commander	USMC Frederick Sturckow	M/?	08/11/61
	45 2: STS-88,105	23.6 days	Up/Up
Pilot	AF Col. Lee Archambault	M/3	08/25/60
	46 0: Rookie	0.0	Up/Up
MS1/EV3	Patrick Forrester	M/2	03/31/57
	50 1: STS-105	11.9	Up/Up
MS2/FE/EV4	Steven Swanson	M/3	12/03/60
	46 0: Rookie	0.0	Up/Up
MS3/EV2	John D. Olivas, Ph.D.	M/5	05/25/66
	41 0: Rookie	0.0	Dn/Dn
MS4/EV1	James Reilly II, Ph.D.	S/?	03/18/54
	53 2: STS-89,104	23.8	Dn/Dn
MS5/ISS-15	Clay Anderson	M/2	02/23/59
	48 0: Rookie	0	Dn
ISS-15 CDR	Cosmonaut Fyodor Yurchikhin	M/2	01/03/59
	48 2: STS-112,ISS-15	43.0	N/A
ISS-15 FE-1	Cosmonaut Oleg Kotov	M/2	10/27/65
	41 1: ISS-15	32.0	N/A
ISS-15 FE-2	Navy Cmdr. Sunita Williams	M/0	09/19/65
	41 1: STS-116/ISS-14/15	150.5	N/A

Shuttle Hardware and Flight Data

STS Mission	STS-117 (flight 118)
Orbiter	Atlantis (28)
Payload	ISS S3/S4
Launch	07:37:56 PM 06.08.07
Pad/MLP	LC-39A/MLP-2
Prime TAL	Zaragoza
Landing	02:47:00 PM 06.19.07
Landing Site	Kennedy Space Center
Duration	10/19:09
Atlantis	231/16:33:52
STS Program	1082/20:36:47
MECO	134.8/35.7 sm
OMS Ha/Hp	TBD
ISS Docking	220 sm
Period	91.6 minutes
Inclination	51.6
Velocity	17,188 mph
EOM Miles	4.9 million
EOM Orbits	171/172

Reilly Swanson Sturckow Archambault Forrester Olivas



SSMEs	2059/2052/2057
ET/SRB	ET-124/Bi129/RSRM96
Software	OI-30
Left OMS	LP04/28/F2
Right OMS	RP01/35/F2
Forward RCS	FRC4/28/F2
OBSS	201
RMS	301
Cryo/GN2	5 PRSD/5 GN2
Spacesuits	TBD

Flight Plan MET Flight Control Personnel

Launch	6/8/07 07:38 PM	Norm Knight Ascent
ISS Docking	6/10/07 04:19 PM	Cathy Koerner Orbit 1 FD (lead)
EVA-1	6/11/07 03:28 PM	Bryan Lunney Orbit 2 FD
EVA-2	6/13/07 02:38 PM	Richard Jones Planning
EVA-3	6/15/07 02:08 PM	Norm Knight Entry
Landing	6/19/07 02:47 PM	Shannon/Cain MMT chair
		A. Hasbrook ISS Orbit 1 FD
		Kelly Beck ISS Orbit 2 FD (lead)
		Holly Ridings ISS Orbit 3 FD
		Mike Leinbach Launch director
		Steve Payne NTD
		George Diller Countdown PAO
		Kyle Herring Ascent PAO

This will be the...

118th	Shuttle mission since STS-1
5th	Post-Columbia mission
93rd	Post-Challenger mission
28th	Flight of Atlantis
89th	Day launch
65th	Launch off pad 39A
49th	Day launch off pad 39A
TBD	51.6-degree inclination
65th	Planned KSC landing
95th	Planned day landing
50th	Planned day landing at KSC
21.37	Years since STS-51L
4.35	Years since STS-107

* Ages as of launch date

*Days in space as of: 5/9/07

Compiled by William Harwood