

STS-120/ISS-10A Quick-Look Data

CBS News SpaceCalc

Position/Age Astronaut/Flights Family/TIS DOB/Seat Shuttle Hardware and Flight Data

Commander Pamela Melroy 46 STS-92,112	M/0 23.4 *	09/17/61 Up-1/Up-1	STS Mission STS-120 (flight 120) Orbiter Discovery (34th flight) Payload ISS Node 2 Launch 11:38:20 AM 10.23.07 Pad/MLP LC-39A/MLP-2 Prime TAL Zaragoza Landing 06:47:00 AM 11.06.07 Landing Site Kennedy Space Center Duration 13/18:09 Discovery 281/12:13:54 STS Program 1109/10:43:55 MECO 136/36 OMS Ha/Hp 142/121 ISS Docking 220 sm Period 91.6 minutes Inclination 51.6 Velocity 17,188 mph EOM Miles 5.3 million EOM Orbits 217 SSMEs 2050/2048/2058 ET/SRB ET-120/Bi131/RSRM98 Software OI-32 Left OMS LP01/37/F4 Right OMS RP03/35/F4 Forward RCS FRC3/34/F4 OBSS 1 RMS 301 Cryo/GN2 5 PRSD/6 GN2 Spacesuits TBD
Pilot USMC George Zamka 45 Rookie	M/2 0.0	06/29/62 Up-2/Up-2	
MS1/EV1 Scott Parazynski, MD 46 STS-66,86,95,100	M/2 42.5	07/28/61 Up-5/Dn-5	
MS2/FE Stephanie Wilson 41 STS-121	S/0 13.0	09/27/66 Up-4/Up-4	
MS3/EV2 Army Col. Douglas Wheelock 47 Rookie	S/0 0.0	05/05/60 Up-3/Dn-6	
MS4 Paolo Nespoli (Italy/ESA) 50 Rookie	S/0 0.0	04/06/57 Dn-6/Up-3	
MS5/EV3 Daniel Tani (ISS-16 FE) 48 STS-108	M/2 11.0	02/01/61 Dn-7	
ISS-16 CDR Peggy Whitson, Ph.D. 47 2: STS-111/ISS-5,ISS-16	M/0 192.2	02/09/60 N/A	
ISS-16 FE-1 Cosmonaut Yuri Malenchenko 45 4: Mir,STS-106,ISS-7,ISS-16	M/1 330.2	12/22/61 N/A	
ISS-16 FE-2 Clayton Anderson 48 1: STS-117/ISS-15	M/2 130.8	02/23/59 /Dn-7	

Parazynski, Wheelock, Wilson, Zamka, Melroy, Tani, Nespoli



Flight Plan EDT Flight Control Personnel This will be the...

ISS Docking 10/25/07 08:33 AM EVA-1 10/26/07 06:33 AM EVA-2 10/28/07 06:03 AM EVA-3 10/30/07 05:33 AM EVA-4 11/1/07 04:33 AM EVA-5 11/2/07 04:03 AM	Flight Control Personnel Norm Knight Ascent Rick LaBrose Orbit 1 FD (lead) Mike Moses Orbit 2 FD Mike Sarafin Planning Bryan Lunney Entry Dana Weigel ISS Orbit 1 FD Derek Hassmann ISS Orbit 2 FD (lead) Heather Rarick ISS Orbit 3 FD Mike Leinbach Launch director Steve Payne NTD Shannon/Caine MMT Mike Curie Countdown PAO Kylie Clem Ascent PAO	This will be the... 120th Shuttle mission since STS-1 7th Post-Columbia mission 95th Post-Challenger mission 34th Flight of Discovery 91st Day launch 67th Launch off pad 39A 51st Day launch off pad 39A TBD 51.6-degree inclination 66th Planned KSC landing 96th Planned day landing 51st Planned day landing at KSC 21.75 Years since STS-51L 4.73 Years since STS-107
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* Ages as of launch date

*Days in space as of: 10/17/07

Compiled by William Harwood