

STS-104/7A Overview Timeline (11+1+2) 7 Docked Days

Launch July 12, 2001 09:03:59 GMT

												9	10	11	12	13	14	15	16	17	18	19	20													
												00/0	1	2	3	4	5	6	7	8	9	10	11													
GMT	MET																																			
FD1	STS											ASC	PI	OMS																						
	ISS																																			
Orb Att												-ZLV -YVV			-ZLV -XVV																					
		21	22	23	00	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20											
		00/12	13	14	15	16	17	18	19	20	21	22	23	01/0	1	2	3	4	5	6	7	8	9	10	11											
FD2	STS	EMU & RMS C/O										Dump Survey	OSVS, WVVS, & Rndz Prep					7 hrs																		
	ISS																																			
Orb Att												-ZLV -XVV																								
		21	22	23	00	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20											
		01/12	13	14	15	16	17	18	19	20	21	22	23	02/0	1	2	3	4	5	6	7	8	9	10	11											
FD3	STS	Rendezvous										Ingrs prep & Leak Cks	A/L Install Dry Run	EVA Prep/Mdk Xfer	10.2																					
	ISS	DOCKING PREP																																		
Orb Att		+YVV		-Z TGT TRK										BIAS -XLV +ZVV (ISS BIAS +XVV +ZLV)																						
		Docking 1/17:48 ^										^ Hatch Open					^ Hatch Close																			
		H/O STS to ISS ^																																		
		21	22	23	00	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20											
		02/12	13	14	15	16	17	18	19	20	21	22	23	03/0	1	2	3	4	5	6	7	8	9	10	11											
FD4	STS	Prep, Purge, P/B										EVA1-A/L Install - 7hrs					Post Eva																			
	ISS	D N1 ACBM Prep										SSRMS Support for EVA1					Vest Outfit 1																			
Orb Att												BIAS -XLV +ZVV (ISS BIAS +XVV +ZLV)																								
												^ 14.7 Repress																								
												^ Initial A/L Ingress																								
		21	22	23	00	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20											
		03/12	13	14	15	16	17	18	19	20	21	22	23	04/0	1	2	3	4	5	6	7	8	9	10	11											
FD5	STS	Xfer Ops & Vest Outfit 2										Meal	O2/N2 Outfit	Rplace NPRV/IMV +A/L Act & C/O	O2/N2 Sys C/O																					
	ISS	D																																		
Orb Att												BIAS -XLV +ZVV (ISS BIAS +XVV +ZLV)																								
		^ Reboost										^ A/L Ingress																								
		21	22	23	00	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20											
		04/12	13	14	15	16	17	18	19	20	21	22	23	05/0	1	2	3	4	5	6	7	8	9	10	11											
FD6	STS	DTO 261/SIMO DUMP										Meal	EVA H/W C/O	EVA P/B	10.2																					
	ISS	D IV Htch										Meal	XFERS																							
Orb Att												BIAS -XLV +ZVV (ISS BIAS +XVV +ZLV)																								
		H/O ISS to STS ^										^ H/O STS to ISS										^ Hatch Close														
		21	22	23	00	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20											
		05/12	13	14	15	16	17	18	19	20	21	22	23	06/0	1	2	3	4	5	6	7	8	9	10	11											
FD7	STS	Prep, Purge, P/B										EVA2-ONTO Install - 5.5 hrs					14.7	Pst EVA																		
	ISS	D										ISS Ops					SSRMS Support for EVA2					ORCA Inst														
Orb Att												BIAS -XLV +ZVV (ISS BIAS +XVV +ZLV)																								
												Hatch Open ^																								
		21	22	23	00	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20											
		06/12	13	14	15	16	17	18	19	20	21	22	23	07/0	1	2	3	4	5	6	7	8	9	10	11											
FD8	STS	ISS EVA SU/ and Proc Rvw										Meal	Conf	Off Duty																						
	ISS	D										Xfers and Off Duty					Meal	Conf	Off Duty	DP																
Orb Att												BIAS -XLV +ZVV (ISS BIAS +XVV +ZLV)										-XLV +YVV					BIAS -XLV +ZVV (ISS BIAS +XVV +ZLV)									
		Reboost ^																																		
		21	22	23	00	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20											
		07/12	13	14	15	16	17	18	19	20	21	22	23	08/0	1	2	3	4	5	6	7	8	9	10	11											
FD9	STS	EVA Prep & P/B										EVA3-ONTO Install - 5.5 hrs					Pst EVA																			
	ISS	D										EVA Prep					SSRMS Support for EVA3					ISS Ops														
Orb Att												BIAS -XLV +ZVV (ISS BIAS +XVV +ZLV)																								
		^ ISS A/L 10.2																																		
		21	22	23	00	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20											
		08/12	13	14	15	16	17	18	19	20	21	22	23	09/0	1	2	3	4	5	6	7	8	9	10	11											
FD10	STS	FnI Xfrs										Undock Prep	UNDOCK/ Flyaround	STS Ops	Off Duty																					
	ISS	D										Undock Prep					ISS Ops																			
Orb Att												BIAS -XLV +ZVV										UNDOCK					-ZLV +YVV					-ZLV -XVV				
		Reboost ^										Hatch Close ^					^ Undock 8/19:08																			
		^ H/O ISS to STS																																		
		21	22	23	00	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20											
		09/12	13	14	15	16	17	18	19	20	21	22	23	10/0	1	2	3	4	5	6	7	8	9	10	11											
FD11	STS	FCS/HF										PLT D/O Brief	Meal	Cabin Stow																						
	ISS											ISS Operations																								
Orb Att												-ZLV -XVV																								
		21	22	23	00	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20											
		10/12	13	14	15	16	17	18	19	20	21	22	23	11/0	1	2	3	4	5	6	7	8	9	10	11											
FD12	STS	IMU										D/O Prep					Ldg																			
	ISS																																			
Orb Att		-ZLV -XVV										IMU	-XSI	Comm/Thermal	Entry																					
																						Lead FAO: Mike Scheib					x41149									
																						Lead T/L: Laura Eadie					x40110									
																						Lead PTG: Dwayne Pittman					x45796									

^Landing 10/19:52