

STS- 105/ISS- 7A. 1			SpaceCalc Shuttle Mission Planner					
Eastern Time		DD	HH	MM	STS- 105 Master Flight Plan: Updated 08/21/01			
I	S	08/10/01	05:10	PM	00	00	00	STS-105 launch from pad 39A
S	T	08/10/01	05:19	PM	00	00	09	Main engine cutoff
S	S	08/10/01	05:54	PM	00	00	44	OMS-2 (127 X 85)
		08/10/01	07:55	PM	00	02	45	PGSC computer network setup
		08/10/01	07:55	PM	00	02	45	GIRA installation
		08/10/01	08:40	PM	00	03	30	Local area network setup
		08/10/01	09:10	PM	00	04	00	Group B computer powerdown
		08/10/01	09:35	PM	00	04	25	Rendezvous computer setup
		08/10/01	09:35	PM	00	04	25	Elevon park
		08/11/01	12:10	AM	00	07	00	STS crew sleep begins
		08/11/01	08:10	AM	00	15	00	STS crew wakeup
		08/11/01	10:40	AM	00	17	30	Ergometer setup
		08/11/01	10:45	AM	00	17	35	Rendezvous tools checkout
		08/11/01	11:10	AM	00	18	00	Dreamtime setup
		08/11/01	11:40	AM	00	18	30	Dreamtime operations
		08/11/01	12:15	PM	00	19	05	Docking ring extension
		08/11/01	12:50	PM	00	19	40	HR setup
		08/11/01	01:00	PM	00	19	50	RMS powerup
		08/11/01	01:15	PM	00	20	05	HR MS4 subject
		08/11/01	01:15	PM	00	20	05	RMS checkout
		08/11/01	01:25	PM	00	20	15	Orbiter Space Vision System checkout
		08/11/01	01:50	PM	00	20	40	HR MS3 subject
		08/11/01	02:00	PM	00	20	50	RMS payload bay survey
		08/11/01	02:25	PM	00	21	15	HR MS5 subject
		08/11/01	02:30	PM	00	21	20	RMS powerdown
		08/11/01	02:45	PM	00	21	35	Airlock preparation

08/11/01	03:15 PM	00	22	05	Crew meals begin
08/11/01	04:15 PM	00	23	05	Crew off duty time begins
08/11/01	09:10 PM	01	04	00	ISS crew sleep begins
08/11/01	10:10 PM	01	05	00	Crew sleep begins
08/12/01	05:40 AM	01	12	30	ISS crew wakeup
08/12/01	06:10 AM	01	13	00	Crew wakeup
08/12/01	07:10 AM	01	14	00	ISS: Daily planning conference
08/12/01	08:15 AM	01	15	05	Forrester exercises
08/12/01	08:25 AM	01	15	15	Barry exercises
08/12/01	08:55 AM	01	15	45	Culbertson exercises
08/12/01	08:55 AM	01	15	45	Group B computer powerup
08/12/01	09:25 AM	01	16	15	Dreamtime setup
08/12/01	09:25 AM	01	16	15	Begin rendezvous timeline
08/12/01	10:05 AM	01	16	55	ISS: Exercise periods begin
08/12/01	09:55 AM	01	16	45	Dreamtime operations
08/12/01	12:20 PM	01	19	10	ISS: Meals
08/12/01	12:16 PM	01	19	06	Terminal initiation rendezvous burn
08/12/01	01:50 PM	01	20	40	Begin rendezvous approach phase
08/12/01	02:38 PM	01	21	28	Shuttle docks with space station
08/12/01	02:50 PM	01	21	40	Leak checks
08/12/01	03:30 PM	01	22	20	Group B computer powerdown
08/12/01	03:30 PM	01	22	20	Orbiter docking system preparation for ingress
08/12/01	04:00 PM	01	22	50	Hatch opening
08/12/01	04:25 PM	01	23	15	Handshake and welcoming ceremony
08/12/01	04:45 PM	01	23	35	Safety briefing
08/12/01	05:10 PM	02	00	00	Spacesuit reconfiguration Block A
08/12/01	05:25 PM	02	00	15	Post rendezvous computer reconfiguration
08/12/01	07:10 PM	02	02	00	ISS: Daily planning conference
08/12/01	09:10 PM	02	04	00	STS/ISS crew sleep begins
08/13/01	05:10 AM	02	12	00	STS crew wakeup
08/13/01	05:40 AM	02	12	30	ISS: Crew wakeup

08/13/01	07:10 AM	02	14	00	ISS: Daily planning conference
08/13/01	07:25 AM	02	14	15	Node 1 CBM prepped for mating
08/13/01	07:40 AM	02	14	30	Middeck transfers begin
08/13/01	08:10 AM	02	15	00	RMS powerup
08/13/01	08:10 AM	02	15	00	ISS: Soyuz seat liner installation (Culbertson)
08/13/01	08:30 AM	02	15	20	RMS grapples Leonardo MPLM
08/13/01	09:20 AM	02	16	10	MPLM unberthing
08/13/01	09:35 AM	02	16	25	Sturckow exercises
08/13/01	10:30 AM	02	17	20	ISS: Soyuz seat liner installation (Dezhurov)
08/13/01	10:30 AM	02	17	20	MPLM installation
08/13/01	11:35 AM	02	18	25	MPLM bolts driven
08/13/01	11:55 AM	02	18	45	RMS ungrapples MPLM
08/13/01	12:05 PM	02	18	55	RMS powerdown
08/13/01	12:20 PM	02	19	10	STS/ISS crew meals begin
08/13/01	12:20 PM	02	19	10	ISS: Meals begin
08/13/01	12:55 PM	02	19	45	Culbertson's Soyuz spacesuit is stowed
08/13/01	01:10 PM	02	20	00	ISS: MPLM vestibule pressurization
08/13/01	01:30 PM	02	20	20	ISS: Soyuz seat liner installation (Turin)
08/13/01	01:30 PM	02	20	20	ISS: Sokol Soyuz entry suit leak check (Dezhurov)
08/13/01	01:30 PM	02	20	20	Middeck transfers resume
08/13/01	01:30 PM	02	20	20	Forrester exercises
08/13/01	03:50 PM	02	22	40	Dosimeter deploy; middeck transfers resume
08/13/01	02:10 PM	02	21	00	MPLM vestibule configured; ingress
08/13/01	02:30 PM	02	21	20	DCPCG-V transfer; CPCG-H transfer
08/13/01	02:30 PM	02	21	20	Barry exercises
08/13/01	01:30 PM	02	20	20	APCF transfer
08/13/01	04:05 PM	02	22	55	ISS: MPLM activation part 1
08/13/01	04:30 PM	02	23	20	Dezhurov's Soyuz spacesuit is stowed
08/13/01	05:05 PM	02	23	55	Spacesuit reconfiguration Block A
08/13/01	04:25 PM	02	23	15	ISS: Sokol Soyuz entry suit leak check (Turin)
08/13/01	04:50 PM	02	23	40	PILOT operations (Horowitz)
08/13/01	05:15 PM	03	00	05	ISS: MPLM activation part 2
08/13/01	05:20 PM	03	00	10	Horowitz exercises

	08/13/01	07:10 PM	03	02	00	ISS: Daily planning conference
	08/13/01	09:10 PM	03	04	00	STS/ISS crew sleep begins
	08/14/01	05:10 AM	03	12	00	STS crew wakeup
	08/14/01	05:40 AM	03	12	30	ISS: Crew wakeup
	08/14/01	07:10 AM	03	14	00	ISS: Daily planning conference
	08/14/01	08:10 AM	03	15	00	Equipment transfers resume
	08/14/01	08:10 AM	03	15	00	ISS: Handover activities (continues through day)
	08/14/01	08:20 AM	03	15	10	Forrester exercises
	08/14/01	08:50 AM	03	15	40	Helms exercises on the station treadmill
	08/14/01	09:00 AM	03	15	50	Usachev upgrades laptop computer
	08/14/01	09:20 AM	03	16	10	Horowitz exercises
	08/14/01	09:30 AM	03	16	20	Voss exercises on the station treadmill
	08/14/01	10:20 AM	03	17	10	Barry exercises
	08/14/01	11:30 AM	03	18	20	Sturckow exercises
	08/14/01	12:05 PM	03	18	55	Experiment rack transfer
	08/14/01	12:25 PM	03	19	15	Usachev exercises on the station treadmill
	08/14/01	01:25 PM	03	20	15	Joint meal
	08/14/01	01:50 PM	03	20	40	Reboost operations
	08/14/01	03:00 PM	03	21	50	PAO event: ABC/Fox/National Geographic TV
	08/14/01	03:50 PM	03	22	40	Helms exercises on the station treadmill
	08/14/01	04:00 PM	03	22	50	Spacesuit reconfiguration Block A
	08/14/01	04:40 PM	03	23	30	Voss exercises on the station treadmill
	08/14/01	05:25 PM	04	00	15	Usachev exercises on the station treadmill
	08/14/01	06:55 PM	04	01	45	ISS: Daily planning conference
	08/14/01	09:10 PM	04	04	00	STS/ISS crew sleep begins
	08/15/01	05:10 AM	04	12	00	STS crew wakeup
	08/15/01	05:40 AM	04	12	30	ISS: Crew wakeup
	08/15/01	07:10 AM	04	14	00	ISS: Daily planning conference
	08/15/01	08:10 AM	04	15	00	Logistics transfers resume
	08/15/01	08:10 AM	04	15	00	Barry exercises
	08/15/01	08:25 AM	04	15	15	Forrester exercises

08/15/01	08:55 AM	04	15	45	ISS: Handover activities (continues through day)
08/15/01	08:55 AM	04	15	45	Usachev exercises on the station treadmill
08/15/01	09:25 AM	04	16	15	Spacewalk tools configured
08/15/01	09:55 AM	04	16	45	Helms exercises on the station treadmill
08/15/01	10:30 AM	04	17	20	Powertool checkout
08/15/01	10:35 AM	04	17	25	Horowitz exercises
08/15/01	11:00 AM	04	17	50	Airlock preparation
08/15/01	11:30 AM	04	18	20	Middeck prepared for spacewalk
08/15/01	12:10 PM	04	19	00	Spacesuit battery installation
08/15/01	12:25 PM	04	19	15	Spacesuit battery checkout
08/15/01	12:25 PM	04	19	15	Media interviews
08/15/01	12:25 PM	04	19	15	Voss exercises on the station treadmill
08/15/01	12:40 PM	04	19	30	SAFER checkout
08/15/01	01:25 PM	04	20	15	Crew meals begin
08/15/01	01:40 PM	04	20	30	ISS: Meals
08/15/01	02:25 PM	04	21	15	Spacesuit checkout
08/15/01	02:25 PM	04	21	15	Logistics transfers resume
08/15/01	03:35 PM	04	22	25	Voss exercises on the station treadmill
08/15/01	03:55 PM	04	22	45	Spacewalk procedures review
08/15/01	04:25 PM	04	23	15	Usachev exercises on the station treadmill
08/15/01	04:55 PM	04	23	45	Sturckow exercises
08/15/01	05:20 PM	05	00	10	ISS: Daily planning conference
08/15/01	05:35 PM	05	00	25	STS crew egresses space station
08/15/01	05:35 PM	05	00	25	Helms exercises on the shuttle
08/15/01	06:00 PM	05	00	50	Shuttle cabin depressurized to 10.2 psi
08/15/01	09:10 PM	05	04	00	STS/ISS crew sleep begins
08/16/01	05:10 AM	05	12	00	STS crew wakeup
08/16/01	05:40 AM	05	12	30	ISS: Crew wakeup
08/16/01	07:10 AM	05	14	00	Spacewalk preparations begin
08/16/01	07:10 AM	05	14	00	ISS: Daily planning conference
08/16/01	08:10 AM	05	15	00	Helms exercises
08/16/01	08:10 AM	05	15	00	PAO event with ISS-3 crew to mark 1,000 days in space for Zarya

08/16/01	08:40 AM	05	15	30	EVA-1: Spacesuit purge begins
08/16/01	08:45 AM	05	15	35	Usachev exercises
08/16/01	08:50 AM	05	15	40	ISS: Logistics transfer operations resume
08/16/01	10:00 AM	05	16	50	Robot arm powerup
08/16/01	10:05 AM	05	16	55	EVA-1: Airlock depressurization
08/16/01	10:15 AM	05	17	05	EVA-1: Airlock egress and sortie setup
08/16/01	10:45 AM	05	17	35	EVA-1: Early ammonia system installation (part 1)
08/16/01	10:45 AM	05	17	35	Shuttle cabin repressurized to 14.7 psi
08/16/01	11:40 AM	05	18	30	Voss exercises
08/16/01	11:45 AM	05	18	35	EVA-1: Early ammonia system installation (part 2)
08/16/01	01:10 PM	05	20	00	ISS: Lunch
08/16/01	01:10 PM	05	20	00	Voss and Usachev eat lunch
08/16/01	02:10 PM	05	21	00	ISS: Logistics transfers resume
08/16/01	02:45 PM	05	21	35	EVA-1: MISSE installation
08/16/01	03:10 PM	05	22	00	Usachev exercises
08/16/01	03:40 PM	05	22	30	Voss exercises
08/16/01	04:00 PM	05	22	50	EVA-1: Cleanup activities
08/16/01	04:30 PM	05	23	20	RMS powerdown
08/16/01	04:30 PM	05	23	20	EVA-1: Airlock ingress
08/16/01	04:45 PM	05	23	35	EVA-1: Airlock repressurization
08/16/01	04:45 PM	05	23	35	Helms exercises
08/16/01	04:55 PM	05	23	45	Post-EVA spacesuit servicing
08/16/01	06:10 PM	06	01	00	Station ingress
08/16/01	06:30 PM	06	01	20	Lithium hydroxide changeout
08/16/01	07:15 PM	06	02	05	ISS: Daily planning conference
08/16/01	09:10 PM	06	04	00	STS/ISS crew sleep begins
08/17/01	05:10 AM	06	12	00	STS crew wakeup
08/17/01	05:40 AM	06	12	30	ISS: Crew wakeup
08/17/01	07:10 AM	06	14	00	ISS: Daily planning conference
08/17/01	08:10 AM	06	15	00	ISS: Handover activities (continues through day)
08/17/01	08:10 AM	06	15	00	Reboost operations
08/17/01	08:10 AM	06	15	00	Helms exercises on the station treadmill

08/17/01	08:25 AM	06	15	15	Usachev, Tyurin work with lower body negative pressure gear
08/17/01	08:25 AM	06	15	15	Logistics transfers resume
08/17/01	08:35 AM	06	15	25	Forrester exercises
08/17/01	09:00 AM	06	15	50	ISS: Logistics transfers resume
08/17/01	09:55 AM	06	16	45	Voss exercises on the station treadmill
08/17/01	10:15 AM	06	17	05	Horowitz exercises
08/17/01	10:25 AM	06	17	15	ISS: H-reflex experiment data takes
08/17/01	10:55 AM	06	17	45	Barry exercises
08/17/01	11:55 AM	06	18	45	Middeck prepared for EVA
08/17/01	12:10 PM	06	19	00	PAO event with Russian crew members
08/17/01	12:25 PM	06	19	15	SAFER checkout
08/17/01	01:10 PM	06	20	00	STS/ISS joint meal
08/17/01	02:10 PM	06	21	00	Spacewalk tools configured
08/17/01	03:15 PM	06	22	05	Joint crew news conference
08/17/01	03:45 PM	06	22	35	Joint crew photo
08/17/01	04:00 PM	06	22	50	PAO event: ISS change-of-command ceremony
08/17/01	04:10 PM	06	23	00	Spacewalk procedures review
08/17/01	05:10 PM	07	00	00	Sturckow exercises
08/17/01	05:40 PM	07	00	30	ISS: Daily planning conference
08/17/01	05:55 PM	07	00	45	Space station egress
08/17/01	05:55 PM	07	00	45	Voss exercises
08/17/01	06:20 PM	07	01	10	Shuttle cabin depressurized to 10.2 psi
08/17/01	06:50 PM	07	01	40	Helms exercises
08/17/01	09:10 PM	07	04	00	STS/IS crew sleep begins
08/18/01	05:10 AM	07	12	00	STS crew wakeup
08/18/01	05:40 AM	07	12	30	ISS: Crew wakeup
08/18/01	07:10 AM	07	14	00	ISS: Daily planning conference
08/18/01	07:10 AM	07	14	00	EVA-2: Preparations begin
08/18/01	08:10 AM	07	15	00	Helms exercises
08/18/01	08:10 AM	07	15	00	ISS: Logistics transfers resume
08/18/01	08:30 AM	07	15	20	PAO event: Tyurin
08/18/01	08:40 AM	07	15	30	EVA-2: Spacesuit purge

08/18/01	09:00 AM	07	15	50	ISS: H-reflex experiment work begins
08/18/01	09:10 AM	07	16	00	Usachev exercises
08/18/01	10:00 AM	07	16	50	Robot arm powerup
08/18/01	10:05 AM	07	16	55	EVA-2: Airlock depressurization
08/18/01	10:15 AM	07	17	05	EVA-2: Airlock egress
08/18/01	10:45 AM	07	17	35	Shuttle cabin repressurized to 14.7 psi
08/18/01	10:45 AM	07	17	35	EVA-2: S0 truss cable transfer and prep work
08/18/01	11:00 AM	07	17	50	ISS: Logistics transfers resume
08/18/01	11:40 AM	07	18	30	Voss exercises
08/18/01	12:15 PM	07	19	05	EVA-2: S0 truss power cable installation
08/18/01	01:10 PM	07	20	00	ISS: Meals begin
08/18/01	01:10 PM	07	20	00	Voss and Usachev eat lunch
08/18/01	02:10 PM	07	21	00	ISS: CPA installation
08/18/01	02:15 PM	07	21	05	EVA-2: Sortie cleanup
08/18/01	03:30 PM	07	22	20	RMS powerdown
08/18/01	03:30 PM	07	22	20	EVA-2: Airlock ingress
08/18/01	03:45 PM	07	22	35	EVA-2: Airlock repressurization
08/18/01	03:55 PM	07	22	45	Post EVA spacesuit servicing
08/18/01	04:05 PM	07	22	55	ISS: Leonardo cleanup
08/18/01	05:05 PM	07	23	55	ISS: Configure MPLM RACS entry
08/18/01	05:10 PM	08	00	00	Space station ingress
08/18/01	05:35 PM	08	00	25	Shuttle middeck supply transfers resume
08/18/01	07:10 PM	08	02	00	ISS: Daily planning conference
08/18/01	09:10 PM	08	04	00	STS/ISS crew sleep begins
08/19/01	05:10 AM	08	12	00	STS crew wakeup
08/19/01	05:40 AM	08	12	30	ISS: Crew wakeup
08/19/01	07:10 AM	08	14	00	ISS: Daily planning conference
08/19/01	07:55 AM	08	14	45	MPLM egress
08/19/01	08:10 AM	08	15	00	ISS: Handover activities (all day)
08/19/01	08:10 AM	08	15	00	Middeck transfers continue
08/19/01	08:10 AM	08	15	00	Voss exercises
08/19/01	08:10 AM	08	15	00	MPLM deactivation

08/19/01	08:15 AM	08	15	05	Spacesuit reconfiguration block C
08/19/01	08:30 AM	08	15	20	MPLM vestibule configured for undocking
08/19/01	09:10 AM	08	16	00	TVIS motor replacement
08/19/01	09:35 AM	08	16	25	EVA tools transfer
08/19/01	09:35 AM	08	16	25	Sturckow exercises
08/19/01	09:40 AM	08	16	30	Helms exercises
08/19/01	10:00 AM	08	16	50	Vestibule depressurization
08/19/01	10:15 AM	08	17	05	PILOT operations (Horowitz)
08/19/01	10:45 AM	08	17	35	RMS powerup
08/19/01	11:10 AM	08	18	00	ITCS/LTL sampling
08/19/01	11:30 AM	08	18	20	RMS grapples MPLM
08/19/01	11:50 AM	08	18	40	Node 1 CBM demate
08/19/01	12:00 PM	08	18	50	Horowitz exercises
08/19/01	01:10 PM	08	20	00	Voss exercises on the station treadmill
08/19/01	01:25 PM	08	20	15	MPLM uninstall
08/19/01	02:05 PM	08	20	55	MPLM berthing in shuttle payload bay
08/19/01	02:40 PM	08	21	30	RMS ungrapples MPLM
08/19/01	02:55 PM	08	21	45	RMS powerdown
08/19/01	03:15 PM	08	22	05	Crew meal
08/19/01	04:45 PM	08	23	35	Rendezvous computer setup
08/19/01	04:45 PM	08	23	35	Forrester exercises
08/19/01	04:45 PM	08	23	35	Helms exercises on the station treadmill
08/19/01	05:20 PM	09	00	10	Rendezvous tools checkout
08/19/01	05:45 PM	09	00	35	Usachev exercises on the station treadmill
08/19/01	06:05 PM	09	00	55	PAO event: Forrester and Barry
08/19/01	06:40 PM	09	01	30	ISS: Daily planning conference
08/19/01	08:40 PM	09	03	30	STS/ISS crew sleep begins
08/20/01	04:40 AM	09	11	30	STS crew wakeup
08/20/01	05:10 AM	09	12	00	ISS: Crew wakeup
08/20/01	06:40 AM	09	13	30	Horowitz exercises
08/20/01	07:45 AM	09	14	35	Farewell ceremony
08/20/01	08:10 AM	09	15	00	Space station egress and hatch closure

08/20/01	08:10 AM	09	15	00	Usachev exercises
08/20/01	08:35 AM	09	15	25	ODS vestibule leak checks
08/20/01	08:35 AM	09	15	25	Voss exercises
08/20/01	09:05 AM	09	15	55	Helms exercises
08/20/01	09:20 AM	09	16	10	Group B computer powerup
08/20/01	10:05 AM	09	16	55	Undocking operations begin
08/20/01	10:52 AM	09	17	42	Shuttle undocks from space station
08/20/01	12:12 PM	09	19	02	Shuttle final separation
08/20/01	12:12 PM	09	19	02	Group B computer powerdown
08/20/01	12:40 PM	09	19	30	Crew meal
08/20/01	01:40 PM	09	20	30	ISS: Crew meal
08/20/01	01:40 PM	09	20	30	Cabin stow begins
08/20/01	02:00 PM	09	20	50	PILOT landing simulator practice
08/20/01	02:05 PM	09	20	55	Simplesat deploy
08/20/01	02:20 PM	09	21	10	Voss exercises
08/20/01	02:50 PM	09	21	40	Barry exercises
08/20/01	03:50 PM	09	22	40	PAO event: Entire crew
08/20/01	04:10 PM	09	23	00	Usachev exercises
08/20/01	04:15 PM	09	23	05	Orbit adjust rocket firing
08/20/01	04:35 PM	09	23	25	Helms exercises
08/20/01	08:10 PM	10	03	00	Crew sleep begins
08/21/01	04:10 AM	10	11	00	Crew wakeup
08/21/01	06:05 AM	10	12	55	Horowitz exercises
08/21/01	07:10 AM	10	14	00	FCS checkout; LEH checks
08/21/01	07:10 AM	10	14	00	ISS-2 crew launch and entry suit checkout
08/21/01	08:10 AM	10	15	00	Cabin stow resumes
08/21/01	08:20 AM	10	15	10	RCS hotfire
08/21/01	08:40 AM	10	15	30	Voss exercises
08/21/01	08:40 AM	10	15	30	Laptop computer stow (part 1)
08/21/01	09:10 AM	10	16	00	Helms exercises
08/21/01	09:20 AM	10	16	10	PILOT operations (CDR and PLT)
08/21/01	09:20 AM	10	16	10	Crew off-duty time begins

08/21/01	09:40 AM	10	16	30	Usachev exercises
08/21/01	11:10 AM	10	18	00	Forrester exercises
08/21/01	11:30 AM	10	18	20	PAO event: Voss, Helms, Usachev
08/21/01	11:45 AM	10	18	35	L-1 communications check (part 1)
08/21/01	12:10 PM	10	19	00	Crew meal
08/21/01	01:10 PM	10	20	00	Crew off-duty time continues
08/21/01	01:10 PM	10	20	00	Voss exercises
08/21/01	01:15 PM	10	20	05	L-1 communications check (part 2)
08/21/01	01:40 PM	10	20	30	Helms exercises
08/21/01	02:10 PM	10	21	00	Usachev exercises
08/21/01	02:50 PM	10	21	40	L-1 communications check (part 3)
08/21/01	03:30 PM	10	22	20	Ergometer stow
08/21/01	04:00 PM	10	22	50	KU-band antenna stow
08/21/01	04:05 PM	10	22	55	Recumbent seat setup
08/21/01	04:40 PM	10	23	30	Deorbit review
08/21/01	08:10 PM	11	03	00	Crew sleep begins
08/22/01	04:10 AM	11	11	00	Crew wakeup
08/22/01	06:35 AM	11	13	25	Group B computer powerup
08/22/01	06:50 AM	11	13	40	Inertial measurement unit alignment
08/22/01	07:40 AM	11	14	30	Deorbit prep timeline begins
08/22/01	11:37 AM	11	18	27	Deorbit burn
08/22/01	12:46 PM	11	19	36	Landing

Compiled by William Harwood