

Undocking Timeline			SpaceCalc		
Eastern Time	DD	HH	MM	STS-121/ISS-ULF 1.1	
07/04/06 02:38 PM	00	00	00	STS-121 launch	
07/15/06 05:00 AM	10	14	22	Sunrise	
07/15/06 05:28 AM	10	14	50	Noon	
07/15/06 05:39 AM	10	15	01	U.S. solar arrays feathered	
07/15/06 05:40 AM	10	15	02	Russian solar arrays feathered	
07/15/06 05:56 AM	10	15	18	Sunset	
07/15/06 06:08 AM	10	15	30	<b>UNDOCKING</b>	
07/15/06 06:09 AM	10	15	31	Initial orbiter separation (+10 seconds)	
07/15/06 06:10 AM	10	15	32	ISS holds current attitude	
07/15/06 06:13 AM	10	15	35	Range: 50 feet; reselect -X jets	
07/15/06 06:15 AM	10	15	37	Range: 75 feet; low-Z jets	
07/15/06 06:21 AM	10	15	43	Range: 150 feet	
07/15/06 06:31 AM	10	15	53	Sunrise	
07/15/06 06:37 AM	10	15	59	Range: 400 feet	
07/15/06 06:40 AM	10	16	02	Separation burn No. 1; start fly over	
07/15/06 06:52 AM	10	16	14	-R bar crossing	
07/15/06 06:52 AM	10	16	14	Shuttle in sep burn attitude	
07/15/06 06:59 AM	10	16	21	Noon	
07/15/06 07:08 AM	10	16	30	Separation burn No. 2	

