

Rev. A; July 15, 2006

**DEORBIT OPPORTUNITIES FOR STS-121** (all times are CDT)

	<u>ORBIT</u>	<u>SITE</u>	<u>TIG</u>	<u>LANDING</u>
<b>Mon (EOM):</b> (July 17)	202	KSC	7:07am	8:14am
	203	NOR	8:42am	9:46am
		KSC	8:43am	9:50am
	204	EDW	10:19am	11:20am
NOR		10:22am	11:21am	
205	EDW	11:56am	12:54pm	

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<b>Tues (EOM + 1)</b> (July 18)	218	KSC	7:19am	8:21am
	219	EDW	8:48am	9:50am
		NOR	8:50am	9:52am
		KSC	8:56am	9:56am
220	EDW	10:23am	11:24am	
	NOR	10:26am	11:26am	
221	EDW	12:01pm	12:58pm	

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<b>Wed (EOM + 2)</b> (July 19)	233	KSC	5:47am	6:51am
	234	KSC	7:23am	8:25am
	235	EDW	8:52am	9:54am
		NOR	8:54am	9:56am
236	EDW	10:28am	11:28am	
	NOR	10:31am	11:30am	

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**DEORBIT TIMELINE FOR THE FIRST KSC LANDING OPPORTUNITY MONDAY**  
*(all times are CDT)*

3:16am.....Deorbit Prep begins  
4:27am.....PLBD Closing  
4:39am.....MCC “Go” for Ops 3 Transition  
5:43am.....Clothing Configuration  
6:07am.....Seat Ingress  
6:19am.....OMS Gimbal Check  
6:33am.....APU Prestart  
6:48am.....MCC “Go-No Go” Decision for the Deorbit Burn  
6:55am.....Maneuver to the Deorbit Burn Attitude  
7:07am.....Deorbit Burn  
**8:14am.....KSC LANDING**

**NOTE: FOR INFORMATION ONLY, ALL DEORBIT AND LANDING OPPORTUNITIES FOR THE KENNEDY SPACE CENTER (KSC), EDWARDS AIR FORCE BASE, CA (EDW) AND THE WHITE SANDS SPACE HARBOR, NM (NOR) FOR ALL DAYS ARE LISTED ON THIS TABLE; MISSION MANAGERS HOWEVER, WILL DETERMINE THE FINAL STRATEGY FOR CONSIDERING LANDING SITES ON EACH DAY BASED ON WEATHER AND OTHER FACTORS.**