

Bonded PMT Status
7/20/04

Rail	PMT Serial#	Rating	Depth (in)	Date	PMT OD	RTV-566					Status	Flight Testing		Qualification Testing			Vibe Testing
						Batch	873	4031512	404283	3021411		+40°C / -30°C 24°C/Hr	+32°C / -16°C 24°C/Hr	+45°C / -40°C 20°C/Hr	+45°C / -50°C 20°C/Hr	+45°C / -60°C 20°C/Hr	
OSA	AA0024	Worst	286	6/3/04	.573	873	1					1X 7/9					
OSA	AA0048	Worst	289	6/3/04	.568	873	1					1X 7/9					
OSA	AA0050	Worst	291	6/9/04	.569	873	1					1X 7/9					
OSA	AA0067	Worst	285	6/10/04	.564	873	1				Failed	1X 7/9					
OSA	AA0091	Worst	288	6/3/04	.571	873	1					1X 7/9					
OSA	AA0094	Worst	288	6/3/04	.573	873	1					1X 7/9					
OSA	AA0114	Worst	292	6/9/04	.576	873	1					1X 7/9					
OSA	AA0130	Worst	293	5/10/04	.563	4031512		1				1X 7/9					
OSA	AA0179	Worst	288	6/3/04	.579	873	1					1X 7/9					
OSA	AA0193	Worst	290	6/3/04	.578	873	1					1X 7/9					
OSA	AA0195	Worst	287	6/10/04	.571	873	1					1X 7/9					
OSA	AA0198	Worst	284	5/12/04	.573	404283			1			1X 7/9					
OSB	AA0208	Worst	290	6/10/04	.574	873	1				Failed	1X 7/9					
OSB	AA0226	Worst	285	6/10/04	.573	873	1				Failed	1X 7/9					
OSB	AA0230	Worst	288	6/10/04	.576	873	1					1X 7/9					
OSB	AA0313	Worst	286	6/3/04	.574	873	1					1X 7/9					
OSB	AA0326	Worst	281	6/3/04	.571	873	1					1X 7/9					
OSB	AA0330	Worst	283	6/9/04	.573	873	1				Failed	1X 7/9					
OSB	AA0338	Worst	288	6/3/04	.569	873	1					1X 7/9					
OSB	AA0365	Worst	280	6/9/04	.574	873	1				Failed	1X 7/9					
OSB	ZL1183	Worst	289	6/9/04	.573	873	1					1X 7/9					
OSB	ZL1184	Worst	281	6/3/04	.574	873	1					1X 7/9					
OSB	ZL1190	Worst	292	6/10/04	.579	873	1					1X 7/9					
OSB	ZL1192	Worst	282	6/9/04	.571	873	1					1X 7/9					
1LA	AA0002	Good															
1LA	AA0011	Good															
1LA	AA0020	Fair	.301	5/12/04	.575	404283			1								
1LA	AA0023	Fair															
1LA	AA0078	Good															
1LA	AA0088	Good															
1LA	AA0089	Fair															
1LA	AA0096	Marginal															
1LA	AA0138	Good	.288	5/12/04	.577	404283			1								
1LA	AA0159	Worst A	.290	5/26/04	.575	404283			1								
1LA	AA0160	Good	.290	5/26/04	.579	404283			1			1X 7/5					
1LA	AA0265	Marginal															
1LA	AA0274	Good															
1LA	AA0315	Marginal															
1LA	AA0379	Fair	285	5/26/04	.577	873	1				Failed	1X 7/5					
1LA	ZL1185	Fair	287	5/16/04	.569	404283			1								
1RB	AA0003	Worst A	292	5/10/04	.574	4031512		1		1							
1RB	AA0022	Fair	288	5/26/04	.570	873	1				Failed	1X 7/5					
1RB	AA0026	Fair	285	6/17/04	.564	873	1										
1RB	AA0073	Fair	291	6/17/04	.578	873	1										
1RB	AA0074	Fair	289	6/17/04	.568	873	1										
1RB	AA0106	Fair	289	6/17/04	.568	873	1										
1RB	AA0136	Good	281	6/17/04	.574	873	1										
1RB	AA0144	Poor	289	6/17/04	.570	873	1										
1RB	AA0171	Fair	291	6/17/04	.575	873	1										
1RB	AA0242	Marginal	287	6/17/04	.578	873	1										
1RB	AA0328	Poor	285	5/25/04	.571	404283			1								
1RB	AA0336	Good	285	5/25/04	.567	404283			1								
1RB	AA0368	Fair	290	6/17/04	.576	873	1										
1RB	AA0370	Poor	286	5/25/04	.584	404283			1								
1RB	AA0377	Good	291	5/25/04	.575	404283											
1RB	ZL1256	Fair	286	6/17/04	.580	873	1			1							
2LA	AA0145	Good	.302	5/10/04	.576	4031512		1									
2LA	AA0151	Fair															
2LA	AA0153	Fair															
2LA	AA0183	Poor															
2LA	AA0207	Fair															
2LA	AA0218	Marginal															
2LA	AA0237	Marginal															
2LA	AA0255	Good															
2LA	AA0266	Good															
2LA	AA0267	Fair															
2LA	AA0277	Good															
2LA	AA0281	Fair															

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3RB	AA0137	Good	.291	7/6/04	.575	873	1									
3RB	AA0150	Good	.296	7/6/04	.567	873	1									
3RB	AA0165	Good	.293	7/6/04	.568	873	1									
3RB	AA0191	Marginal	.288	7/6/04	.560	873	1									
3RB	AA0204	Fair	.287	5/12/04	.584	404283			1							
3RB	AA0269	Poor	.294	7/6/04	.568	873	1									
3RB	AA0279	Marginal	.321	5/12/04	.580	404283			1							
3RB	AA0280	Marginal	.286	5/16/04	.571	404283			1							
3RB	AA0282	Good	.292	5/16/04	.575	404283			1							
3RB	AA0283	Marginal	.288	5/16/04	.578	404283			1							
3RB	AA0284	Good	.295	7/6/04	.574	873	1									
3RB	AA0292	Marginal	.285	5/16/04	.569	404283			1							
3RB	AA0299	Marginal	.282	5/16/04	.569	404283			1							
3RB	AA0309	Fair	.290	5/10/04	.571	4031512		1								
3RB	AA0348	Marginal	.286	5/16/04	.568	404283			1							
3RB	ZL1979	Good	.291	5/16/04	.577	404283			1							
4LA	AA0116	Fair	.289	6/25/04	.573	873	1									
4LA	AA0119	Marginal														
4LA	AA0129	Good	.291	6/25/04	.562	873	1									
4LA	AA0174	Fair	.290	6/25/04	.569	873	1									
4LA	AA0185	Fair	.286	6/25/04	.574	873	1									
4LA	AA0203	Fair	.286	6/25/04	.572	873	1									
4LA	AA0261	Good	.287	6/25/04	.575	873	1									
4LA	AA0275	Fair	.292	6/25/04	.576	873	1									
4LA	AA0296	Worst A	.288	6/25/04	.570	873	1									
4LA	AA0303	Worst A	.290	6/25/04	.579	873	1									
4LA	AA0327	Worst A	.289	6/25/04	.583	873	1									
4LA	AA0331	Fair	.282	6/25/04	.576	873	1									
4LA	AA0364	Fair	.292	6/25/04	.578	873	1									
4LA	AA0367	Good	.287	6/25/04	.569	873	1									
4LA	AA0374	Good	.286	6/25/04	.579	873	1									
4LA	AA0375	Good	.283	6/25/04	.574	873	1									
4LB	AA0069	Good	.285	7/1/04	.570	873	1									
4LB	AA0080	Fair	.299	7/1/04	.566	873	1									
4LB	AA0123	Good	.290	7/1/04	.569	873	1									
4LB	AA0157	Good	.297	6/30/04	.581	873	1									
4LB	AA0158	Good	.302	5/10/04	.578	4031512		1								
4LB	AA0161	Marginal	.291	6/30/04	.572	873	1									
4LB	AA0169	Good	.294	6/30/04	.567	873	1									
4LB	AA0175	Fair	.299	6/30/04	.575	873	1									
4LB	AA0188	Poor	.289	6/30/04	.572	873	1									
4LB	AA0189	Good	.284	7/1/04	.551	873	1									
4LB	AA0190	Worst A	.292	6/30/04	.576	873	1									
4LB	AA0199	Good	.283	7/1/04	.574	873	1									
4LB	AA0308	Fair	.293	6/30/04	.573	873	1									
4LB	AA0320	Worst A	.288	6/30/04	.580	873	1									
4LB	ZL1189	Poor	.290	7/1/04	.569	873	1									
4RA	AA0027	Marginal														
4RA	AA0055	Marginal														
4RA	AA0065	Worst A														
4RA	AA0070	Poor														
4RA	AA0076	Good	.285	5/25/04	.573	404283			1							
4RA	AA0081	Marginal														
4RA	AA0095	Good														
4RA	AA0121	Poor														
4RA	AA0181	Fair														
4RA	AA0202	Poor														
4RA	AA0273	Good														
4RA	AA0290	Marginal														
4RA	AA0306	Fair														
4RA	AA0314	Poor														
4RA	AA0380	Marginal														
4RA	ZL1096	Marginal														
4RB	AA0063	Marginal														
4RB	AA0178	Fair														
4RB	AA0186	Poor														
4RB	AA0194	Fair														
4RB	AA0219	Marginal														
4RB	AA0227	Worst A														
4RB	AA0231	Fair														

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						Batch	873	4031512	404283	3021411		24°C/Hr	24°C/Hr	20°C/Hr	20°C/Hr	20°C/Hr	
4RB	AA0247	Worst A															
4RB	AA0248	Poor															
4RB	AA0253	Fair															
4RB	AA0276	Good															
4RB	AA0332	Good															
4RB	AA0352	Fair															
4RB	AA0372	Worst A															
4RB	ZL1094	Poor															
4RB	ZL1978	Good															
4RB	ZL1981	Fair															
CAL-20	AA0087		.283	4/30/04	.571	4031512		1									
CAL-19	AA0101		.292	4/30/04	.570	4031512		1									
CAL-18	AA0039		.289	4/30/04	.573	4031512		1									
NG-17	AA0323		.291	4/30/04	.575	3021411				1							
NG-16	AA0322		.284	4/30/04	.576	3021411				1							
NG-15	AA0234		.290	4/19/04		4031512		1									
NG-14	AA0215		.298	4/19/04		4031512		1									
NG-13	AA0311		.295	4/19/04		4031512		1									
NG-12	AA0316		.285	4/19/04		4031512		1									
NG-11	AA0017		.283	4/19/04		4031512		1									
NG-10	AA0001		.283	3/31/04		4031512		1									
NG-09	AA0016		.281	3/31/04		4031512		1									
NG-08	AA0032		.282	3/31/04		4031512		1									
NG-07	AA0009		.280	3/31/04		4031512		1									
NG-06	AA0085		.279	3/31/04		4031512		1									
NG-05	AA0236			3/9/04		3021411				1				4X 3/19 2X 4/13	2X 4/15	2X 4/19	4/9
NG-04	AA0235			3/9/04		3021411				1				4X 3/19 2X 4/14	2X 4/15	2X 4/19	4/9
NG-03	AA0210			3/9/04		3021411				1				4X 3/19 2X 4/15	2X 4/15	2X 4/19	4/9
NG-02	AA0206			3/9/04		3021411				1				4X 3/19 2X 4/16	2X 4/15	2X 4/19	4/9
NG-01	AA0209			3/8/04		3021411				1				4X 3/19	2X 4/15	2X 4/19	
NG2	AA0102	Worst	.294	6/21/04	.571	873	1					12X 7/5	26X 7/14				
NG2	AA0318	Worst	.290	6/21/04	.567	873	1					12X 7/5	26X 7/14				
NG2	AA0333	Worst	.289	6/21/04	.573	873	1					12X 7/5	26X 7/14				
NG2	AA0335	Worst	.293	6/21/04	.575	873	1					12X 7/5	26X 7/14				
NG2	AA0340	Worst	.287	6/21/04	.570	873	1					12X 7/5	26X 7/14				
NG2	AA0344	Worst	.287	6/21/04	.574	873	1					12X 7/5	26X 7/14				
NG2	AA0393	Worst	.288	6/21/04	.570	873	1				Failed	12X 7/5	26X 7/14				
NG2	AA0395	Worst	.292	6/21/04	.576	873	1					12X 7/5	26X 7/14				
NG2	AA0399	Worst	.292	6/21/04	.573	873	1					12X 7/5	26X 7/14				
NG2	ZL0887	Worst	.290	6/21/04	.585	873	1					12X 7/5	26X 7/14				
NG2	ZL1193	Worst	.290	6/21/04	.564	873	1				Failed	12X 7/5	26X 7/14				
Spare	AA0082	Worst															
Spare	AA0097	Worst															
Spare	AA0100	Worst															
Spare	AA0148	Worst															
Spare	AA0167	Worst															
Spare	AA0212	Worst															
Spare	AA0213	Worst															
Spare	AA0216	Worst															
Spare	AA0222	Worst															
Spare	AA0229	Worst															
Spare	AA0233	Worst															
Spare	AA0258	Worst															
Spare	AA0268	Worst															
Spare	AA0295	Worst															
Spare	AA0345	Worst															
Spare	AA0358	Worst															
Spare	AA0361	Worst															
Spare	AA0200	Worst															
Spare	ZL1257	Worst	.285	5/26/04	.568	873	1					1X 7/5					
UA	AA0115	Good	.284	5/12/04	.572	404283			1								
UA	AA0441	Marginal															
UA	AA0442	Good															
UA	AA0443	Fair															
UA	AA0445	Good															
UA	AA0447	Fair															
UA	AA0456	Good															

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