

APS Reliability, FY2002

Final Run - FY 2002 Reliability Summary (Tentative)

Tentative Reliability						
Budget based on previous run budget and Group reorganization						
System	Unavailability Allotment		Number of Faults	Mean Time to Beam Loss	Faults Per Day	
RF	1.00%			200	0.12	
Diagnostics	0.20%			800	0.03	
PFS	0.05%			3200	0.01	
Controls	0.15%			800	0.03	
Water/ME	0.50%			500	0.05	
Vacuum	0.30%			1600	0.02	
S&A	0.00%			10000	0.00	
Operations	0.10%			1600	0.02	
OAG	0.10%			1600	0.02	
Physics	0.00%			10000	0.00	
ES-PS	1.00%			200	0.12	
ES-Intlk	0.20%			500	0.05	
Other	0.10%			1600	0.02	
Unidentified	0.10%			3200	0.01	
Total	3.80%			50.4	0.48	
Data for Run 2002-2						
Last Run of FY 2002 Actual	Unavailability Percent	Unavailability Hours	Number of Faults	Mean Time to Beam Loss	Faults Per Day	
RF	0.18%	3.58	11	172.9	0.14	User Downtime Hours 49.67
Diagnostics	0.06%	1.18	3	634.1	0.04	
PFS	0.07%	1.35	1	1902.3	0.01	Scheduled Hours 1952.00
Controls	0.14%	2.70	6	317.1	0.08	
Water/ME	0.07%	1.40	2	951.2	0.03	Delivered Hours 1902.34
Vacuum	0.00%	0.00	0	0.0	0.00	
S&A	0.00%	0.00	0	0.0	0.00	User Availability 97.5%
Operations	0.08%	1.52	2	951.2	0.03	
OAG	0.04%	0.72	0	0.0	0.00	
Physics	0.00%	0.00	0	0.0	0.00	
ES-PS	0.65%	12.70	7	271.8	0.09	
ES-Intlk	0.25%	4.93	2	951.2	0.03	
Other	0.95%	18.55	8	237.8	0.10	
Unidentified	0.07%	1.35	3	634.1	0.04	
Total	2.56%	49.98	45	42.3	0.57	

Updated 10/6/2002