

Table 1, Maintainability Analysis Worksheet

SAM Power Supply System Assemblies												
Qty. (n)	Assembly Name Parts List / Schematic No.	Failure Rate λ ~PPM Hours	Average Corrective Maintenance Task Times--Minutes							Repair Time:Mct ~Mins.	Repair Time:Mct ~Hours	n x λ x Mct ~Hours
			Locali- zation	Isola- tion	Dissas- sembly	Inter- change	Reas- sembly	Align- ment	Check- out			
1	Encoder 20844941	5.21364	4.00	4.00	3.00	3.00	3.00	4.00	4.00	25.00	0.42	2.18973
2	Decoder 20844942	100.00000	4.00	4.00	2.50	2.50	2.50	4.00	4.00	23.50	0.39	78.00000
1	Converter 20844943	3.11862	4.00	4.00	2.00	2.00	2.00	4.00	4.00	22.00	0.37	1.15389
2	Splitter 20844944	2.31420	4.00	4.00	4.00	4.00	4.00	4.00	4.00	28.00	0.47	2.17535
1	Drawer No. 1 50280001	4.00000	3.00	4.00	3.00	3.00	3.00	4.00	4.00	24.00	0.40	1.60000
1	Drawer No. 2 50280002	8.00000	3.00	4.00	3.00	3.00	3.00	4.00	4.00	24.00	0.40	3.20000
Page Totals:		122.64646								146.50	2.45	88.31897
Grand Totals:		122.64646								146.50	2.45	88.31897

λ ~PPM Hours = Failure Rate in Parts Per Million Hours.
Mct = Corrective Maintenance Task Time for the LRU.
LRU = Line Replacable Unit (Circuit Board, Module, etc.)