



**AAEON Technology INC.**  
ISO-9001/ISO-14001 Certified  
Industrial Automation PCs

# **X-900**

## **Reliability Prediction Report**

### **(MTBF)**

**Release Date: SEP.7, 2001**

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**Issue Stamp**

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**QA Manager**

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**QE Manager**

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**Test Engineer**

# Reliability Prediction (MTBF)

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**I . Model Name: X-900**

**II . Description:FC/Socket 370,LPX-like with LCD,Ethernet,Audio,SSD,4 USB Ports,  
& 4 COM Ports**

**III . Prediction Date:SEP.7,2001**

**IV. Prediction Site: AAEON QE Dept.**

**V . Predicted by : Chasel Wang**

**VI.Equipment: Relex Ver.7.1 Visual Reliability Software**

**VII. Simulation Environment:**

- **Temperature: 25 degrees C**
- **Standard: Telcordia (Bellcore) Standard**

**VIII. Prediction Result:**

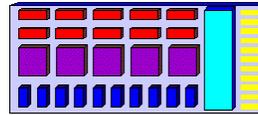
- **Failure Rate: 12.217065 ppm**
- **MTBF: 65,716 hours**

**IX.Term and Definition:**

- **Unit**            **An assembly of device.**
- **Duty Cycle**    **Used to specify the percentage of time that the element is in an on state, and it is equal to the percentage of total time the item is in the active environment.**
- **Quantity**        **The quantity of the selected item.**
- **Failure Rate**   **Used to specify that the failure rate is to be calculated based the selected calculation models. The multiplier is 1,000,000.**
- **MTBF**            **MTBF is always specified in hours.**

**AAEON Reliability Prediction Report**

**Part Number** 969790008C  
**Reference Des**  
**Date** 09. 7, 2001  
**Environment** GF, GU - Ground Fixed, Uncontrolled  
**Temperature** 25.00

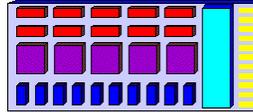


**Description** Top-level assembly  
**File Name** x900-A03.rpj  
**Time** 2:40 PM  
**Failure Rate** 15.217065  
**MTBF** 65,716

Assembly Name	Part Number	Model	Method	Environment	Duty Cycle	Qty	Failure Rate	MTBF
X-900	969790008C	Bellcore	Method I Case 3	GF, GU - Ground Fixed,	100.00	1.00	15.217065	65,716

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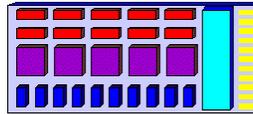


**Description** Top-level assembly  
**File Name** x900-A03.rpj  
**Time** 2:40 PM  
**Failure Rate** 15.217065  
**MTBF** 65,716

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1231125051	Miscellaneous	Y4	Bellcore Issue 6	Level I		0.150000	1.00	.9857	0.150000	6666666.67
1231124552	Miscellaneous	Y3	Bellcore Issue 6	Level I		0.150000	1.00	.9857	0.150000	6666666.67
14S8416801	Integrated Circuit	U28	Bellcore Issue 6	Level I		0.039296	1.00	.2582	0.039296	25448028.36
106B501030	Resistor	RT1,RT2	Bellcore Issue 6	Level I		0.011379	2.00	.1496	0.022759	87878027.07
1750119011	Miscellaneous	BAT1	Bellcore Issue 6	Level I		0.900000	1.00	5.9144	0.900000	11111111.11
1750220320	Connection	BAT1	Bellcore Issue 6	Level I		0.001138	1.00	.0075	0.001138	878780270.71
1651584490	Connection	CN1,CN2	Bellcore Issue 6	Level I		0.095587	2.00	1.2563	0.191174	10461669.89
1653003201	Connection	JP7,JP5	Bellcore Issue 6	Level I		0.003414	2.00	.0449	0.006828	292926756.90
1654606301	Connection	CN9,CN10	Bellcore Issue 6	Level I		0.003414	2.00	.0449	0.006828	292926756.90
1651032220	Connection	CN14	Bellcore Issue 6	Level I		0.018207	1.00	.1196	0.018207	54923766.92
1654294200	Connection	CN15	Bellcore Issue 6	Level I		0.106966	1.00	.7029	0.106966	9348726.28
1653005201	Connection	CN18	Bellcore Issue 6	Level I		0.005690	1.00	.0374	0.005690	175756054.14
1655420020	Connection	CN19	Bellcore Issue 6	Level I		0.284485	1.00	1.8695	0.284485	3515121.08
1653004101	Connection	CN20	Bellcore Issue 6	Level I		0.002276	1.00	.0150	0.002276	439390135.35
1655003000	Connection	CN21	Bellcore Issue 6	Level I		0.042673	1.00	.2804	0.042673	23434140.55
1600000400	Switching Device	S1	Bellcore Issue 6	Level I		0.056897	1.00	.3739	0.056897	17575605.41
1119615290	Capacitor	C256,C266,C271	Bellcore Issue 6	Level I		0.071121	3.00	1.4021	0.213364	14060484.33
1653003101	Connection	JP1,JP2,JP3,JP4,JP10,JP13	Bellcore Issue 6	Level I		0.001707	6.00	.0673	0.010241	585853513.81
1653002101	Connection	JP9	Bellcore Issue 6	Level I		0.001138	1.00	.0075	0.001138	878780270.71
1653004201	Connection	JP12	Bellcore Issue 6	Level I		0.004552	1.00	.0299	0.004552	219695067.68
1654808300	Connection	J1	Bellcore Issue 6	Level I		0.004552	1.00	.0299	0.004552	219695067.68
1759100002	Miscellaneous	SP1	Bellcore Issue 6	Level I		0.150000	1.00	.9857	0.150000	6666666.67
1651607920	Connection	U1	Bellcore Issue 6	Level I		0.210519	1.00	1.3834	0.210519	4750163.63
1654930000	Connection	CN8	Bellcore Issue 6	Level I		0.017069	1.00	.1122	0.017069	58585351.38
1654930100	Connection	CN7	Bellcore Issue 6	Level I		0.017069	1.00	.1122	0.017069	58585351.38
1211100104	Inductor	L7	Bellcore Issue 6	Level I		0.086173	1.00	.5663	0.086173	11604581.32
1211100301	Inductor	L8	Bellcore Issue 6	Level I		0.086173	1.00	.5663	0.086173	11604581.32
14S6200200	Integrated Circuit	U9	Bellcore Issue 6	Level I	5.00	0.213493	1.00	1.4030	0.213493	4683987.20
1655903020	Connection	CN22,CN23	Bellcore Issue 6	Level I		0.042673	2.00	.5609	0.085346	23434140.55
1314780501	Integrated Circuit	U13	Bellcore Issue 6	Level I		0.059366	1.00	.3901	0.059366	16844654.92
1654425202	Connection	CN11	Bellcore Issue 6	Level I		0.014224	1.00	.0935	0.014224	70302421.66

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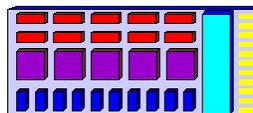


**Description** Top-level assembly  
**File Name** x900-A03.rpj  
**Time** 2:40 PM  
**Failure Rate** 15.217065  
**MTBF** 65,716

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1654409002	Connection	CN12,CN13,CN17	Bellcore Issue 6	Level I		0.005121	3.00	.1010	0.015362	195284504.60
1652512200	Connection	CN16	Bellcore Issue 6	Level I		0.006828	1.00	.0449	0.006828	146463378.45
1304101000	Semiconductor	D18	Bellcore Issue 6	Level I		0.004877	1.00	.0320	0.004877	205063180.81
1653002202	Connection	JP11	Bellcore Issue 6	Level I		0.002276	1.00	.0150	0.002276	439390135.35
1654425002	Connection	CN4	Bellcore Issue 6	Level I		0.014224	1.00	.0935	0.014224	70302421.66
1653125221	Connection	CN5	Bellcore Issue 6	Level I		0.028449	1.00	.1870	0.028449	35151210.83
1231114352	Miscellaneous	Y1	Bellcore Issue 6	Level I		0.150000	1.00	.9857	0.150000	6666666.67
1231232722	Miscellaneous	Y2	Bellcore Issue 6	Level I		0.150000	1.00	.9857	0.150000	6666666.67
1119610191	Capacitor	C100,C101,C264,C283,C284,C285	Bellcore Issue 6	Level I		0.042673	6.00	1.6826	0.256037	23434140.55
1119622191	Capacitor	C127,C133,C205,C277,C279,C280-282,C252-254,C262,C263,CT2	Bellcore Issue 6	Level I		0.042673	14.00	3.9260	0.597419	23434140.55
1111622090	Capacitor	C195,C198,C274,C275,CE1,CE2	Bellcore Issue 6	Level I		0.042673	6.00	1.6826	0.256037	23434140.55
1119610298	Capacitor	C265,C267-270	Bellcore Issue 6	Level I		0.071121	5.00	2.3369	0.355607	14060484.33
1112610091	Capacitor	CT1,CT3,TC10,TC12,TC2,TC3,TC-44,TC45,TC5-8,TC43	Bellcore Issue 6	Level I		0.042673	13.00	3.6456	0.554746	23434140.55
1653203200	Connection	CN6	Bellcore Issue 6	Level I		0.003414	1.00	.0224	0.003414	292926756.90
1311290710	Semiconductor	Q17,Q19	Bellcore Issue 6	Level I		0.023881	2.00	.3139	0.047762	41874327.58
1315700211	Semiconductor	Q18,Q20,Q24,Q26,Q27	Bellcore Issue 6	Level I		0.159207	5.00	5.2312	0.796033	6281149.14
1540756080	Resistor	RP1-RP28	Bellcore Issue 6	Level I		0.006246	28.00	1.1493	0.174888	160102772.00
1540710080	Resistor	RP29,RP30,RP44,RP45	Bellcore Issue 6	Level I		0.006246	4.00	.1642	0.024984	160102772.00
1540782280	Resistor	RP31-RP36,RP46,RP55-RP65,RP-67,RP68,RP70,RP72-RP75,RP83	Bellcore Issue 6	Level I		0.006246	26.00	1.0672	0.162396	160102772.00
1540715380	Resistor	RP47,RP48	Bellcore Issue 6	Level I		0.006246	2.00	.0821	0.012492	160102772.00
1540747282	Resistor	RP49,RP51-RP54,RP76,RP77,RP-79,RP81,RP86	Bellcore Issue 6	Level I		0.006246	10.00	.4105	0.062460	160102772.00
1540733082	Resistor	RP50	Bellcore Issue 6	Level I		0.006246	1.00	.0410	0.006246	160102772.00
1540701380	Resistor	RP69	Bellcore Issue 6	Level I		0.006246	1.00	.0410	0.006246	160102772.00
1540727280	Resistor	RP78,RP80,RP85	Bellcore Issue 6	Level I		0.015615	3.00	.3078	0.046845	64041108.80
105A700003	Resistor	R1,R17,R18,R120,R130,R156,R18-8,R192,R196,R199,R211,R212-R2-15,R221,R224,R225,R230,R262,R-265,R269,R275,R278,R327,R338--R340,R360-R363,R386,R406,R415-,R416,R422,R449	Bellcore Issue 6	Level I		0.002268	38.00	.5663	0.086173	440974090.03

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**Temperature** 25.00



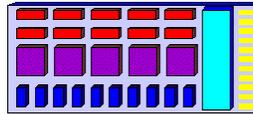
**Description** Top-level assembly  
**File Name** x900-A03.rpj  
**Time** 2:40 PM  
**Failure Rate** 15.217065  
**MTBF** 65,716

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
105A733003	Resistor	R2,R5,R9,R217,R219,R283	Bellcore Issue 6	Level I		0.002268	6.00	.0894	0.013606	440974090.03
105A715003	Resistor	R3,R4,R6,R7,R8,R11,R12,R30	Bellcore Issue 6	Level I		0.002268	8.00	.1192	0.018142	440974090.03
105A768003	Resistor	R10	Bellcore Issue 6	Level I		0.002268	1.00	.0149	0.002268	440974090.03
105A700133	Resistor	R13,R14,R132,R133,R136,R138,R141,R165,R166,R167,R291,R298,-R311,R328,R329,R369,R370,R371-,R372,R198,R364,R432,R433,R434-,R435	Bellcore Issue 6	Level I		0.002268	25.00	.3726	0.056693	440974090.03
105A704703	Resistor	R15,R16,R172	Bellcore Issue 6	Level I		0.002268	3.00	.0447	0.006803	440974090.03
105A708203	Resistor	R68,R19	Bellcore Issue 6	Level I		0.002268	2.00	.0298	0.004535	440974090.03
105A505103	Resistor	R20,R226-R229	Bellcore Issue 6	Level I		0.002268	5.00	.0745	0.011339	440974090.03
105A722003	Resistor	R115,R119,R124	Bellcore Issue 6	Level I		0.002268	3.00	.0447	0.006803	440974090.03
105A515003	Resistor	R22,R24,R29,R69	Bellcore Issue 6	Level I		0.002268	4.00	.0596	0.009071	440974090.03
105A702203	Resistor	R23,R52,R75,R260	Bellcore Issue 6	Level I		0.002268	4.00	.0596	0.009071	440974090.03
105A705603	Resistor	R31,R32	Bellcore Issue 6	Level I		0.002268	2.00	.0298	0.004535	440974090.03
105A511103	Resistor	R25,R26	Bellcore Issue 6	Level I		0.002268	2.00	.0298	0.004535	440974090.03
105A507503	Resistor	R67,R27,R144-R146	Bellcore Issue 6	Level I		0.002268	5.00	.0745	0.011339	440974090.03
105A703303	Resistor	R33,R35,R37,R39,R41,R42,R44,R46,R49,R50,R51,R54,R55,R57,R58-,R63,R76-R78,R80,R82,R149,R150-,R155,R365,R366,R396	Bellcore Issue 6	Level I		0.002268	31.00	.4620	0.070299	440974090.03
105A701003	Resistor	R34,R36,R38,R40,R43,R45,R47,R48,R89,R346,R348,R95	Bellcore Issue 6	Level I		0.002268	12.00	.1788	0.027212	440974090.03
105A701033	Resistor	R264,R282,R292,R304-R307,R317-,R324,R325,R330,R333-R335,R356-,R358,R294,R105,R107,R109,R394-,R290,R395,R411,R349,R419,R426-,R429,R430,R431,R387,R388,R389-,R164,R444,R445,R64,R65,R66,R137,R168,R170,R184,R191,R193,-R194,R197	Bellcore Issue 6	Level I		0.002268	48.00	.7153	0.108850	440974090.03
105A549933	Resistor	R277	Bellcore Issue 6	Level I		0.002268	1.00	.0149	0.002268	440974090.03
105A708223	Resistor	R70,R71,R79,R81,R83,R84,R129,-R131,R134,R135,R157,R158,R321-,R322,R323,R373-R378,R383,R391-,R407-R409	Bellcore Issue 6	Level I		0.002268	26.00	.3875	0.058960	440974090.03
105A540363	Resistor	R74,R85,R92,R126	Bellcore Issue 6	Level I		0.002268	4.00	.0596	0.009071	440974090.03



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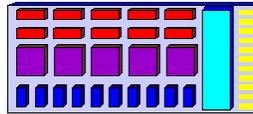


**Description** Top-level assembly  
**File Name** x900-A03.rpj  
**Time** 2:40 PM  
**Failure Rate** 15.217065  
**MTBF** 65,716

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
105A704723	Resistor	R96-R104,R111,R113,R114,R116--R118,R121-R123,R125,R151-R154-,R159,R162,R163,R189,R200,R202-,R203,R208,R209,R222,R235,R254-,R255,R257,R258,R259,R266,R297-,R299,R308,R312,R326,R353-R255-,R390,R402,R420,R421,R424,R427-,R446,R440-443,R447,R452,R453	Bellcore Issue 6	Level I		0.002268	62.00	.9239	0.140598	440974090.03
105A710053	Resistor	R139,R140	Bellcore Issue 6	Level I		0.013606	2.00	.1788	0.027212	73495681.67
105A756033	Resistor	R142,R143	Bellcore Issue 6	Level I		0.002268	2.00	.0298	0.004535	440974090.03
105A710033	Resistor	R169,R171,R384,R418	Bellcore Issue 6	Level I		0.002268	4.00	.0596	0.009071	440974090.03
105A706823	Resistor	R173-R176	Bellcore Issue 6	Level I		0.002268	4.00	.0596	0.009071	440974090.03
105A701533	Resistor	R178,R179,R181,R182	Bellcore Issue 6	Level I		0.002268	4.00	.0596	0.009071	440974090.03
105A704733	Resistor	R180,R183	Bellcore Issue 6	Level I		0.002268	2.00	.0298	0.004535	440974090.03
105A516913	Resistor	R210	Bellcore Issue 6	Level I		0.002268	1.00	.0149	0.002268	440974090.03
105A707503	Resistor	R231-R234	Bellcore Issue 6	Level I		0.002268	4.00	.0596	0.009071	440974090.03
105A510003	Resistor	R280,R281	Bellcore Issue 6	Level I		0.002268	2.00	.0298	0.004535	440974090.03
105A511503	Resistor	R253	Bellcore Issue 6	Level I		0.002268	1.00	.0149	0.002268	440974090.03
105A518703	Resistor	R256	Bellcore Issue 6	Level I		0.002268	1.00	.0149	0.002268	440974090.03
105A710003	Resistor	R261,R263,R285-R287	Bellcore Issue 6	Level I		0.002268	5.00	.0745	0.011339	440974090.03
105A703923	Resistor	R267	Bellcore Issue 6	Level I		0.002268	1.00	.0149	0.002268	440974090.03
1651203291	Connection	U9	Bellcore Issue 6	Level I		0.018207	1.00	.1196	0.018207	54923766.92
105A503033	Resistor	R295	Bellcore Issue 6	Level I		0.002268	1.00	.0149	0.002268	440974090.03
105A502833	Resistor	R300	Bellcore Issue 6	Level I		0.002268	1.00	.0149	0.002268	440974090.03
105A702733	Resistor	R302,R315	Bellcore Issue 6	Level I		0.002268	2.00	.0298	0.004535	440974090.03
105A751003	Resistor	R303,R316,R331	Bellcore Issue 6	Level I		0.002268	3.00	.0447	0.006803	440974090.03
105A523233	Resistor	R310	Bellcore Issue 6	Level I		0.002268	1.00	.0149	0.002268	440974090.03
105A549903	Resistor	R347	Bellcore Issue 6	Level I		0.002268	1.00	.0149	0.002268	440974090.03
1189633080	Capacitor	TC1	Bellcore Issue 6	Level I		0.006031	1.00	.0396	0.006031	165815676.81
14S3420100	Integrated Circuit	U2	Bellcore Issue 6	Level I	24.00	0.301448	1.00	1.9810	0.301448	3317324.97
14S4281500	Integrated Circuit	U3	Bellcore Issue 6	Level I	28.00	0.176929	1.00	1.1627	0.176929	5651999.15
14S5A01421	Integrated Circuit	U5	Bellcore Issue 6	Level I	13.00	0.078802	1.00	.5178	0.078802	12690106.59
14S4280100	Integrated Circuit	U7	Bellcore Issue 6	Level I	9.40	0.067142	1.00	.4412	0.067142	14893857.53

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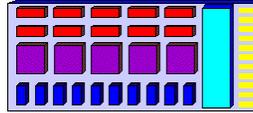


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**File Name** x900-A03.rpj  
**Time** 2:40 PM  
**Failure Rate** 15.217065  
**MTBF** 65,716

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
14S5A38400	Integrated Circuit	U8	Bellcore Issue 6	Level I	10.00	0.069400	1.00	.4561	0.069400	14409189.92
14S5A00600	Integrated Circuit	U10	Bellcore Issue 6	Level I	15.00	0.087724	1.00	.5765	0.087724	11399442.81
14S3020010	Integrated Circuit	U11	Bellcore Issue 6	Level I	15.00	0.090981	1.00	.5979	0.090981	10991353.05
14S1488000	Integrated Circuit	U12	Bellcore Issue 6	Level I	10.00	0.120485	1.00	.7918	0.120485	8299772.79
14S4362700	Integrated Circuit	U15	Bellcore Issue 6	Level I	10.00	0.069400	1.00	.4561	0.069400	14409189.92
14S8416801	Integrated Circuit	U19	Bellcore Issue 6	Level I	12.20	0.083247	1.00	.5471	0.083247	12012406.42
1651202090	Connection	U28	Bellcore Issue 6	Level I	12.20	0.020994	1.00	.1380	0.020994	47632843.90
14S4813904	Integrated Circuit	U20	Bellcore Issue 6	Level I	16.00	0.095944	1.00	.6305	0.095944	10422762.91
14S6334610	Integrated Circuit	U21	Bellcore Issue 6	Level I	11.00	0.128997	1.00	.8477	0.128997	7752127.40
14S3000201	Integrated Circuit	U22	Bellcore Issue 6	Level I	6.00	0.091286	1.00	.5999	0.091286	10954631.16
14S4866100	Integrated Circuit	U24	Bellcore Issue 6	Level I	6.00	0.055527	1.00	.3649	0.055527	18009235.63
14S4070600	Semiconductor	U29	Bellcore Issue 6	Level I	7.00	0.121117	1.00	.7959	0.121117	8256457.13
14S4602100	Integrated Circuit	U30	Bellcore Issue 6	Level I	17.00	0.192530	1.00	1.2652	0.192530	5193998.23
1314101010	Integrated Circuit	U31	Bellcore Issue 6	Level I	9.00	0.112485	1.00	.7392	0.112485	8890058.82
14S6340200	Integrated Circuit	U32,U38	Bellcore Issue 6	Level I	8.00	0.043542	2.00	.5723	0.087083	22966471.96
14S4016400	Integrated Circuit	U33	Bellcore Issue 6	Level I	8.00	0.062123	1.00	.4082	0.062123	16097220.79
1314811711	Integrated Circuit	U34	Bellcore Issue 6	Level I	8.00	0.104969	1.00	.6898	0.104969	9526603.44
14S2015100	Integrated Circuit	U35	Bellcore Issue 6	Level I	14.00	0.129768	1.00	.8528	0.129768	7706076.78
14S4888800	Integrated Circuit	U36	Bellcore Issue 6	Level I	7.00	0.058743	1.00	.3860	0.058743	17023277.62
1122701680	Capacitor	C78,C79,C201-C204,C206-C208,C-211,C213,C214,BC101-BC117,BC-124-BC134,BC75,BC77-BC79,C18-8-C193,C196,BC1-BC26,BC35-BC-59,BC61,BC65-BC69,C67-C69,BC-80-BC100,BC135-BC183,BC70-BC-74,C197,C199,C251,BC184-BC187-C200,C380,CB1-CB2	Bellcore Issue 6	Level I		0.001598	197.00	2.0682	0.314720	625953979.55
1653150200	Connection	CN3	Bellcore Issue 6	Level I		0.056897	1.00	.3739	0.056897	17575605.41
1124410080	Capacitor	C3,C22,C260	Bellcore Issue 6	Level I		0.001060	3.00	.0209	0.003181	943198589.05
1122747880	Capacitor	C6-C15,C81,C96,C194	Bellcore Issue 6	Level I		0.001598	13.00	.1365	0.020768	625953979.55
1124515080	Capacitor	C83,C84	Bellcore Issue 6	Level I		0.001060	2.00	.0139	0.002120	943198589.05
1124422080	Capacitor	C16,C21,C23,C32,C33,C38,C39,C-44,C45,C49,C50,C54,C57,C364-C-378,C123,C124	Bellcore Issue 6	Level I		0.001060	30.00	.2090	0.031807	943198589.05

**AAEON Reliability Prediction Report**

**Part Number** 969790008C  
**Reference Des**  
**Date** 09. 7, 2001  
**Environment** GF, GU - Ground Fixed, Uncontrolled  
**Temperature** 25.00



**Description** Top-level assembly  
**File Name** x900-A03.rpj  
**Time** 2:40 PM  
**Failure Rate** 15.217065  
**MTBF** 65,716

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1124522180	Capacitor	C70-C75,C97-C99,C121-C122,C13-7-C140,C166-C181,C219-C226,C2-31-C238,C242-C249,C381	Bellcore Issue 6	Level I		0.001060	56.00	.3902	0.059372	943198589.05
1124501780	Capacitor	C77,C115,C272,C286-C312,C315--C326	Bellcore Issue 6	Level I		0.001060	42.00	.2926	0.044529	943198589.05
1121722660	Capacitor	C80,C313,C314,C327	Bellcore Issue 6	Level I		0.002539	4.00	.0667	0.010156	393852661.82
1124405080	Capacitor	C85-C94	Bellcore Issue 6	Level I		0.001060	10.00	.0697	0.010602	943198589.05
1124447080	Capacitor	C95,C347-C362	Bellcore Issue 6	Level I		0.001060	17.00	.1184	0.018024	943198589.05
1124510280	Capacitor	C102-C110,C113,C114,C120,C255-C328,C331,C332,C379	Bellcore Issue 6	Level I		0.001060	17.00	.1184	0.018024	943198589.05
1124547180	Capacitor	C125,C130,C131,C135	Bellcore Issue 6	Level I		0.001060	4.00	.0279	0.004241	943198589.05
1121733780	Capacitor	C126,C132	Bellcore Issue 6	Level I		0.002539	2.00	.0334	0.005078	393852661.82
1124522280	Capacitor	C128,C134	Bellcore Issue 6	Level I		0.001060	2.00	.0139	0.002120	943198589.05
1124518180	Capacitor	C141-C157,C334,C342,C346	Bellcore Issue 6	Level I		0.001060	2.00	.0139	0.002120	943198589.05
1124527080	Capacitor	C185,C186	Bellcore Issue 6	Level I		0.001060	2.00	.0139	0.002120	943198589.05
1124533080	Capacitor	C209,C210	Bellcore Issue 6	Level I		0.001060	2.00	.0139	0.002120	943198589.05
1129610260	Capacitor	C212	Bellcore Issue 6	Level I		0.000712	1.00	.0047	0.000712	1403854368.14
1129701080	Capacitor	C215,C216,C217,C218,C227,C228-C229,C230,C111,C112,C117,C118-C119,C129,C158-C165,C363	Bellcore Issue 6	Level I		0.002722	23.00	.4115	0.062613	367335960.60
1121722780	Capacitor	C259	Bellcore Issue 6	Level I		0.002539	1.00	.0167	0.002539	393852661.82
1124527280	Capacitor	C261	Bellcore Issue 6	Level I		0.001060	1.00	.0070	0.001060	943198589.05
1124533280	Capacitor	C273	Bellcore Issue 6	Level I		0.001060	1.00	.0070	0.001060	943198589.05
1124510180	Capacitor	C329,C330,C335,C338,C339,C340-C341	Bellcore Issue 6	Level I		0.001060	7.00	.0488	0.007422	943198589.05
1124533180	Capacitor	C333,C336,C343,C344,C345	Bellcore Issue 6	Level I		0.001060	5.00	.0348	0.005301	943198589.05
1121747660	Capacitor	C1,C4,C5,TC13-TC24,TC33-TC42,-TC11,C136	Bellcore Issue 6	Level I		0.002539	27.00	.4505	0.068554	393852661.82
1305099140	Semiconductor	D1-D6,D13-D15	Bellcore Issue 6	Level I		0.023881	9.00	1.4124	0.214929	41874327.58
1300414840	Semiconductor	D7-D9,D16,D17,D20,D21,D29	Bellcore Issue 6	Level I		0.023881	9.00	1.4124	0.214929	41874327.58
1300001240	Semiconductor	D10-D12,D26-D28,D30-D35	Bellcore Issue 6	Level I		0.023881	12.00	1.8832	0.286572	41874327.58
1301005440	Semiconductor	D19	Bellcore Issue 6	Level I		0.023881	1.00	.1569	0.023881	41874327.58

