

343 - 79

دیوان داورى دعاوى ایران

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۱۴۲-۷۹

Case No. 343Date of filing: 28 Jan 85

** AWARD - Type of Award Agreed terms
- Date of Award 28 Jan 85
3 pages in English 3 pages in Farsi
Exhibits

** DECISION - Date of Decision _____
_____ pages in English _____ pages in Farsi

** CONCURRING OPINION of _____
- Date _____
_____ pages in English _____ pages in Farsi

** SEPARATE OPINION of _____
- Date _____
_____ pages in English _____ pages in Farsi

** DISSENTING OPINION of _____
- Date _____
_____ pages in English _____ pages in Farsi

** OTHER; Nature of document: _____

- Date _____
_____ pages in English _____ pages in Farsi

IRAN-UNITED STATES CLAIMS TRIBUNAL

دیوان داوری دعاوی ایران - ایالات متحدہ

CASE NOS. 343

365

CHAMBER TWO

AWARD NO. 161-343/365-2



THE SINGER COMPANY,

Claimant,

and

THE GOVERNMENT OF THE ISLAMIC
REPUBLIC OF IRAN and
THE MINISTRY OF DEFENCE OF THE
ISLAMIC REPUBLIC OF IRAN,

Respondents.

IRAN UNITED STATES CLAIMS TRIBUNAL	دادگاه داوری دعاوی ایران - ایالات متحدہ
ثبت شد - FILED	
Date	28 JAN 1985 تاریخ
	۱۳۶۳ / ۱۱ / ۱۸
No.	343-365 شماره

AWARD ON AGREED TERMS

The Claimant, THE SINGER COMPANY (hereinafter called "SINGER") and the Respondent THE GOVERNMENT OF THE ISLAMIC REPUBLIC OF IRAN (hereinafter called "the GOVERNMENT") as well as THE MINISTRY OF DEFENCE OF THE ISLAMIC REPUBLIC OF IRAN (hereinafter called "MOD") have entered into a Settlement Agreement dated 24 October 1984 and filed on 17 January 1985, resolving the matters in dispute between them, whereby it is agreed, inter alia, that SINGER shall pay to MOD the amount of U.S. \$ 9,000,000.00 and that the Claimant and Respondents shall thereupon withdraw and terminate all claims and counterclaims in connection with these Cases.

Pursuant to the Settlement Agreement, the Parties have filed together with the Settlement Agreement and on the same date, a Joint Request for an Arbitral Award on Agreed Terms, signed by the authorized representative of the Claimant and by the Agent of the Government of the Islamic Republic of Iran, whereby the Tribunal is requested to render an Award recording and giving effect to the said Settlement Agreement pursuant to Article 34(1) of the Tribunal Rules. Copies of the Settlement Agreement and the Joint Request are annexed hereto.

Articles Two and Three of the Settlement Agreement require that the Settlement Agreement be duly ratified by the Parties. On 24 December 1984 a letter signed by the authorized Representative of SINGER was filed with the Tribunal, stating that on 30 October 1984 SINGER ratified the Settlement Agreement in its entirety. Together with the Settlement Agreement a letter of ratification dated 11 November 1984 signed by MOD was filed with the Tribunal.

The Tribunal has satisfied itself that it has jurisdiction in this matter within the terms of the Declaration of the Government of the Democratic and Popular Republic of Algeria

concerning the Settlement of Claims by the Government of the United States of America and the Islamic Republic of Iran of 19 January 1981.

The Tribunal accepts the Settlement Agreement in accordance with Article 34 of the Tribunal Rules.

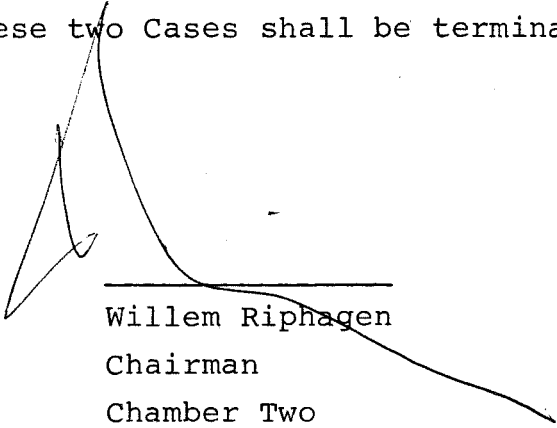
Based on the foregoing reasons

THE TRIBUNAL AWARDS AS FOLLOWS:

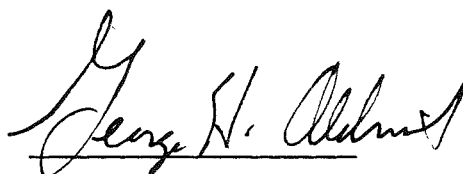
The Settlement Agreement is hereby recorded as an Award on Agreed Terms, binding on the Parties, in full settlement of the entire case. Consequently, the Claimant THE SINGER COMPANY shall pay the Respondents THE GOVERNMENT OF THE ISLAMIC REPUBLIC OF IRAN and THE MINISTRY OF DEFENCE OF THE ISLAMIC REPUBLIC OF IRAN the amount of Nine Million United States Dollars (U.S. \$9,000,000.00).

As soon as the evidence of payment prescribed by Article 5 of the Settlement Agreement is received by the Tribunal, the proceedings in these two Cases shall be terminated.

Dated, The Hague
28 January 1985

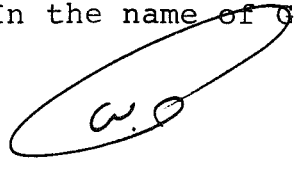


Willem Riphagen
Chairman
Chamber Two



George H. Aldrich

In the name of God

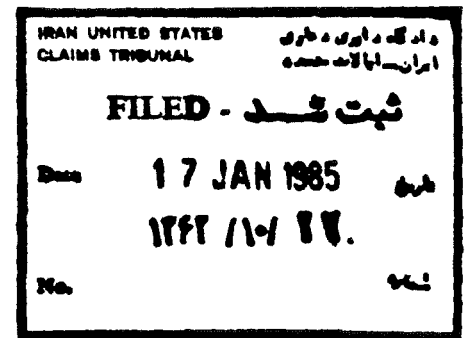


Hamid Bahrami Ahmadi

IRAN UNITED STATES CLAIMS TRIBUNAL	دفتر داری و محاسبات ایران - ایالات متحده
ثبت شد - FILED	
Date	17 JAN 1985 درج ۱۳۶۴ / ۱۰ / ۲۷
No.	343 - 365

c

EXHIBIT 2
JOINT REQUEST FOR
AWARD
ON AGREED TERMS



IN THE NAME OF GOD

IN THE IRAN-UNITED STATES CLAIMS TRIBUNAL
THE HAGUE, THE NETHERLANDS

CLAIM NO. 343,
CHAMBER NO. 2
and
CLAIM NO. 365,
CHAMBER NO. 2

JOINT REQUEST FOR AN AWARD
ON AGREED TERMS

Pursuant to Article 34(1) of the Tribunal Rules of Procedure, the Ministry of Defence of the Islamic Republic of Iran ("MOD") and The Singer Company ("SINGER") hereby jointly submit the attached settlement Agreement between the parties dated October , 1984 relating to Claims No. 343 and 365 (the "Settlement Agreement"). MOD and SINGER jointly request that the Tribunal enter and record the attached Settlement Agreement as an Award on Agreed Terms to give effect to the settlement between the parties and that the Tribunal issue an Award on Agreed Terms implementing the attached Settlement Agreement and providing, inter alia, that:

(i) SINGER is directed to make the payment to MOD required by Paragraph 5 of the Settlement Agreement within twenty (20) days of receipt of notice of the Tribunal's Award;

(ii) upon SINGER's filing with the Tribunal of a receipt evidencing such payment within such time, the Settlement Agreement shall be deemed to have become final and binding on the parties and all claims and counterclaims filed by MOD and SINGER with the Tribunal in Claims No. 343 and 365 shall be deemed to be finally dismissed pursuant to the Settlement Agreement and the Award on Agreed Terms;

CLAIMS TRIBUNAL ایران و ایالات متحده	
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No.	

IN THE NAME OF GOD

This AGREEMENT made this 24th day of October 1984 by and between the Ministry of Defence of the Islamic Republic of Iran (hereinafter "MOD") and THE SINGER COMPANY, a corporation organized under the laws of the State of New Jersey, United States of America, and represented by the LINK FLIGHT SIMULATION DIVISION (formerly the Simulation Products Division) (Hereinafter "SINGER").

W I T N E S S E T H

WHEREAS MOD and SINGER desire to resolve and settle all claims and disputes between them relating to or arising out of (i) a Purchase Agreement dated July 19, 1972, as amended by Change Order No. 1 dated December 8, 1972, Change Order No. 2 dated December 8, 1972, Change Order No. 3 dated December 21, 1972 and Change Order No. 4 dated December 15, 1973, providing for the sale by SINGER to IRAN of four F-4E simulators and related installation, maintenance support and spare parts (the "F-4E Agreement"); and (ii) a Purchase Agreement dated March 6, 1974, as amended by Change Order No. 2 dated October 5, 1977, providing for the sale by SINGER to IRAN of three F-5E simulators and related installation, maintenance support and spare parts (the "F-5E Agreement"); and

WHEREAS MOD and SINGER desire to resolve and settle Claims No. 343 and 365 filed by SINGER against the Government of Iran (hereinafter "GOI") in the Iran-United States Claims Tribunal (the "Tribunal"), and MOD's counterclaims filed in the Tribunal against SINGER in Claims No. 343 and 365; and

WHEREAS MOD and SINGER desire to provide for the transfer and shipment to IRAN of the spare parts listed on Exhibit 1 attached to this Agreement in connection with the F-4E and F-5E Agreements.

NOW THEREFORE, in implementing the above desires and in consideration of the mutual covenants, promises and agreements hereinafter set forth and in full and final settlement of all outstanding claims and disputes between MOD, GOI and SINGER relating to and arising out of the F-4E and F-5E Agreements, including without limitation all

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of the claims and counterclaims between MOD, GOI and SINGER in Claims Nos. 343 and 365 filed in the Tribunal, the parties hereby agree as follows:

1. Subject to the terms and conditions set forth in this Agreement, MOD and SINGER agree to a full, complete and final settlement and dismissal of all claims, disputes and counterclaims now existing, made or which could have been made in connection with the F-4E and/or F-5E Agreement and/or the subject matter of Claims No. 343 and 365 pending before the Tribunal. Subject to the entry by the Tribunal of an Award on Agreed Terms in the form specified by Exhibit 2 and to the payment required to be made by SINGER to MOD pursuant to Paragraph 5 of this Agreement, the parties agree that (i) neither MOD nor SINGER shall have any further obligation or liability under or by reason of the F-4E Agreement or the F-5E Agreement and each such Agreement shall be deemed to be cancelled and of no further force or effect; and (ii) MOD^{and GOI} and SINGER shall be deemed to have released and forever discharged each other from any and all liability, claim or obligation under or by reason of the F-4E Agreement^{and} and the F-5E Agreement, including without limitation the claims and counterclaims set forth in Claims No. 343 and 365 and any and all claims or counterclaims which could have been asserted in Claims No. 343 and/or 365.

2. This Agreement, although executed by and on behalf of MOD and SINGER, is subject to ratification by SINGER on or before November 1, 1984. This Agreement shall be null and void ab initio and of no further force and effect if such ratification by SINGER is not obtained within such time (unless extended by mutual agreement of the parties hereto in writing). Notice of such ratification shall promptly be given by SINGER to MOD by telex or other written means in the manner set forth in Paragraph 12 of this Agreement.

3. This Agreement, although executed by and on behalf of MOD and SINGER, is subject to ratification by MOD prior to November 15, 1984. This Agreement shall be null and void ab initio and of no further force and effect if such ratification by MOD is not obtained within such time (unless extended by mutual agreement of the parties hereto in writing). Notice of such ratification shall promptly be given by MOD to SINGER by telex or other written means in the manner set forth in Paragraph 12 of this Agreement. MOD shall give SINGER reasonable notice by telex as to the date on which duly executed copies of this Agreement (or of the signature pages thereof) and of Exhibit 2 bearing the signature of The Agent of the Government of the Islamic Republic of Iran will be available at such Agent's office in The Hague. SINGER and such Agent shall then cause this Agreement and its Exhibits to be filed with the Tribunal.

4. This Agreement is subject to the entry by the Tribunal of an Award on Agreed Terms in the form specified in Exhibit 2. In the event that the Tribunal does not record this Agreement as an Award on Agreed Terms and enter the requested form of Award on Agreed Terms specified in Exhibit 2 within thirty (30) days of the date of filing of this Agreement with the Tribunal, the parties agree to resume negotiations to modify this Agreement in order to implement the settlement set forth in this Agreement.

5. SINGER agrees to pay MOD the sum of nine million dollars (\$9,000,000.00) U.S. within twenty (20) days of receipt of notice from the Tribunal that the Tribunal has recorded this Agreement as an Award on Agreed Terms and entered the form of Award on Agreed Terms specified in Exhibit 2. No interest shall be payable by

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SINGER upon such sum or in addition to such sum provided SINGER makes such payment in a timely manner under this Agreement. MOD shall advise SINGER by telex of the bank(s) and account number(s) to which such payment shall be made and SINGER shall make such payment by wire transfer to such account(s). Promptly upon making such payment SINGER shall file evidence of receipt of such payment with the Tribunal and upon the filing of such receipt evidence, the dismissal of the claims and counterclaims in Claims No. 343 and 365 shall become final in accordance with the terms of the Award on Agreed Terms to be entered by the Tribunal and the release given by each party pursuant to Paragraph 1 of this Agreement shall become effective and binding upon each party.

6. Subject to availability and to any export licenses, permits or other approvals required by the government of the United States of America, SINGER agrees to transfer the spare parts listed on Exhibit 1 to this Agreement to MOD upon the following terms and conditions. Prior to November 1, 1984 SINGER will provide quotations for the spare parts listed on Exhibit 1 on the basis of SINGER's established commercial prices currently in effect at the time of such quotations, which prices shall be no higher than those quoted to any other commercial customer under similar terms and conditions. SINGER shall process such quotations expeditiously in accordance with its normal business practices and SINGER shall use its best efforts to obtain any export licenses, permits or other governmental approvals required for the export of spare parts ordered by MOD. All such quotations shall provide for payment on the basis of an irrevocable letter of credit for one hundred percent (100%) of the sales price drawn on an established international bank mutually acceptable to the parties. Delivery of spare parts shall be F.O.B. SINGER's facility in Binghamton, New York and to a shipping agent to be designated by MOD or C.I.F. Tehran, Iran by air shipment, as specified by MOD. Title and risk of loss shall pass from SINGER to MOD upon such delivery and SINGER shall have no liability or obligation whatever to MOD in respect of such spare parts in the event of loss or damage following such delivery.



7. MOD and SINGER and their successors, assignees, transferees, agents, directors, officers, employees, parent companies or entities, instrumentalities, subsidiaries and beneficiaries, should there be any, shall have no right to make claims in the future against each other's successors, assignees, transferees, agents, directors, officers, employees, parent companies or entities, instrumentalities, subsidiaries and beneficiaries, based on any rights or obligations, past or present, related to or arising out of any matter which has been raised or which could have been raised related to Claim No. 343 and/or Claim No. 365. MOD and SINGER agree to indemnify and hold harmless each other and their respective directors, officers, employees, agents, subsidiaries, transferees, assignees, successors, parent companies or entities, from any claim, cost, expense, liability or obligation asserted by any third party relating to or arising out of the subject matter of Claims No. 343 or 365 where such third party's claim, cost, expense, liability or obligation is based upon conduct of or action by the indemnifying party to this Agreement. MOD shall indemnify and hold harmless SINGER from any claims past, present or future for Iranian taxes, duties and social security payments related to or arising out of the subject matter or Claims No. 343 or 365. SINGER shall indemnify and hold harmless MOD from any claims past, present or future for United States taxes, duties and social security payments relating to or arising out of the subject matter of Claims No. 343 or 365.

8. MOD and SINGER shall be deemed to have released and waived any and all claims that either party may have against the other for costs and expenses, including attorney's fees, arising out of or related to the arbitration, prosecution or defense of the claims and counterclaims asserted or which might have been asserted in Claims No. 343 or 365 pending in the Tribunal or elsewhere with respect to the subject matter of such claims and counterclaims.

9. MOD and SINGER agree that this Agreement shall not be deemed to affect in any way the claims, counterclaims and defenses between MOD and GOI and the government of the United States of

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America which have been filed or which might have been filed in Claims No. 343, 365, A-15, B-61 and/or any other claims pending before the Tribunal.

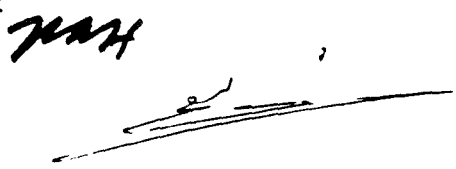
10. MOD agrees that in the event the government of the United States of America grants the export licenses, permits and other approvals required by SINGER for the export and shipment to IRAN of the spare parts listed on Exhibit 1 and ordered by MOD pursuant to Paragraph 6 of this Agreement, MOD will promptly offer to dismiss and withdraw MOD's counterclaims or claims against the United States of America in Claims No. 343 and 365 and agree to a mutual exchange of releases between MOD and the United States of America relating to the F-4E and F-5E Agreements and the subject matter of Claims No. 343 and 365, if the United States of America agrees to waive, release and discharge any claims it may have against MOD and GOI relating to the subject matter of Claims No. 343 and 365 and such mutual exchange of releases.

11. The terms and conditions set forth herein constitute the entire agreement between MOD and SINGER concerning the subject matter of this Agreement. For the purpose of construction and interpretation of this Agreement, the entire Agreement shall be read and construed as a whole without giving any specific effect to any provision separately. This Agreement may be modified or amended only by a written instrument executed by both MOD and SINGER. This Agreement has been written and executed in both English and Farsi versions and each version shall have equal validity and dignity.

12. All notices given by either party to the other party under this Agreement shall be given by telex to the following representative of the parties and shall reference this Agreement and Claims No. 343 and 365:

(i) Notices to MOD:

Ministry of Defence
Legal and Majlis Affairs Department
Attention:
Tehran, Iran
Telex: 214219 MODL IR



with a copy by telex to:
Legal Advisor to the Agent of the
Islamic Republic of Iran
Iran-United States Claims Tribunal
The Hague, Netherlands
Telex: 32047 IRANC NL

(ii) Notices to SINGER:

The Singer Company
Link Flight Simulation Division
Attention: Director of Contracts
Binghamton, New York, U.S.A.
Telex No. 6854546 LINK B UW
or 666779 LINK A UW

with a copy by telex to:
Richard A. Horgan
Winthrop, Stimson, Putnam & Roberts
40 Wall Street
New York, New York, U.S.A.
Telex No. 62854 WINSTIM

Either party, by telex notice given in the above-specified manner,
may change the person to whom telex notices shall thereafter be sent.

MAH

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THE HAGUE
THE NETHERLANDS

رئیس

AGENT OF THE GOVERNMENT
OF THE ISLAMIC REPUBLIC OF IRAN

by محمد کریم عسراغی
Mohammad Karim Eshragh

MINISTRY OF DEFENCE OF THE
ISLAMIC REPUBLIC OF IRAN

by م. GERANI
Title: رئیس قلم

by محمد کریم عسراغی
Title: رئیس قلم

THE SINGER COMPANY

by Richard A. Horgan
Richard A. Horgan
Title: Its Attorney in Fact and
Authorized Representative

RATIFICATION:

The foregoing Agreement is hereby ratified and approved for submission to the Tribunal.

MINISTRY OF DEFENCE OF THE
ISLAMIC REPUBLIC OF IRAN

by Col. Afshar
Title: Deputy minister of defence of the Islamic
Dated: Republic of Iran
11 Nov 1984

EXHIBIT 1

LIST OF SPARE PARTS

DEX	DISCRIPTION	LPN	QTY
	pressure transducer	445535	10
	circuit braker	527573	4
	" "	45694-02	4
	crystal	18012002	20
	extender	W984A	10
	intergrated circuit(IC)	74145	20
	IC	858722	20
	IC	AD7520JN	20
	IC	SN 74107	20
0	IC	SN 75107	20
1	IC	SN 7400	20
2	lamp	671439	200
3	relay time delay	6560003	10
4	circuit breaker	670121	10
5	four way valve	458597	10
6	transducer	906176	10
7	relay	670508	100
8	operational amplifier	658128	150
9	protector	1000505-01	2
20	" "	1000506-01	2
21	circuit card	2000211-01	2
22	" "	2014000-01	2
23	" "	2019158-01	2
24	" "	2022409-01	2
5	" "	2022453-01	2

INDEX	DISCRIPTION	P/N	QTY
26	circuit card	2022462-01	2
27	" "	2022477-01	2
28	" "	2022487-01	2
29	synchro resiver	432341	1
30	circuit card	453842	2
31	" "	453830	2
32	" "	453846	2
33	" "	458412	2
34	" "	458429	2
35	" "	579511	2
36	" "	579920	2
37	" "	641870-02	2
38	" "	648095	2
39	" "	840657	2
40	" "	900802	2
41	capacitor	91S25CA253	20
42	switch(TTY)	430977	20
43	adapter	A678-249	10
44	catod ray tube(CRT)	7012252G001	5
45	cable(TTY)	7008360-0-0	4
46	D/A converter board	7100620G000	4
47	plate stud	181850	10
48	pinion(motor gear)	181411	10
49	IC	SW7475-J	20
50	micro circuit linear	HA2525	5

NDEX	DISCRIPTION	P/N	QTY
51	filter ,3 micron	DF-30-1D3-S-G451	10
52	circuit card	4DTD150566-1	4
53	IC	AD7520JN	10
54	"	N8233B	10
55	"	MC1469R	10
56	"	SN7489N	10
57	"	SN7407N	10
58	"	710MSK	10
59	ZD430 (8BIT DAC)	7618	10
60	IC	MC1406L	10
61	"	RC4136DB	10
62	"	LM723CN	10
63	"	LM555CN	10
64	"	DJ190BP	10
65	"	AD530JD	10
66	"	I7612	10
67	RELAY BOARD	2019158-01	4
68	INDICATOR WING FLAP POSITION	925652	6
69	INDICATOR ALTIMETER	2022701-01	2
70	INDICATOR AIR SPEED	2022703-01	2
71	INDICATOR OIL PRESSURE	2022705-01	4
72	INDICATOR TORQUE METER	2022706-01	4
73	INDICATOR TACHOMETER	2022706-03	4
74	INDICATOR RATE OF CLIMB	2022707-01	2
75	" " ENGINE OIL QUANTITY	2022709-01	2
76	" " FUEL QTY TOTAL	2022709-03	2
77	" " OIL COLLER FLAP POSIITON	2022711-03	4
78	" " ALL TAB POSITION	2022712-03	2
79	" " ELEVTAB POSITION	2022712-04	2
80	" " TAB POSITION	2022712-05	2

INDEX	DISCRIPTION	P/N	QTY
81	IND RADIO MAGNETIC	2022702-01	4
82	" TURBIN INLET TEMPATURE	2022706-02	4
83	LINK MODULE	665482	2
84	ESRD CARD	689749	3
85	FILTER NET WORK	867054	10
86	MASTER ESRD	458459	4
87	IC A/D CONVERTER	MADC	10
88	IW D/A CONVERTER	DAC-H112B	10
89	" " " "	MI-12B	10
90	" " " "	429A	10
91	" " " "	MMUX (MMUX-1)	10
92	ANALOG DEVICE	50J	10
93	" " " "	46J	10
94	D/A CONVERTER	HDAC	10
95	BOARD=PT CKT BOARD ASSY	689749	2
96	" =NETWORK ADJUSTING FILTER	867055	20
97	PRINTED CKT BOARD ASSY	2027614	2
98	RADIO HIGH SPEED COMPUTER	2027613	2
99	board filter module	528562(G)	10
100	PLUGING MODULE	689815(G)	10
101	NON INVERTING BOARD	840666	10
102	CIRCUIT CARD ASSY (SUMMING AMP)	2014033	2
103	" " " (LIMITED RANGEVEFG)	2014039	2
104	" " ASSY(CRANS)	2014036	2
105	" " " (VCA)	2014037	2
106	ELEC COMPONENT ASSY BOARD	2027601	2
107	CIRCUIT CARD ASSY(VCFG WIDE RANGE)	2014035	2
108	" " " BOARD	835078	2

INDEX	DISCRIPTION	P/N	QTY
109	CIRCUIT CARD ASSY BOARD	835085	2
110	" " " " (DIODE	590570-08	2
111	" " RELAY ASSY BOARD	579311	2
112	" " " " "	593110	2
113	PRINTED DELAY POWER BOARD	458429	2
114	CIRCUIT CARD ASSY BOARD	2027605	2
115	" " " "	2027606(A)	2
116	NETWORK CONTROL LOADING	840627(E)	2
117	VELOCITY CIRCUIT CARD ASSY BOARD	2027602	2
118	" " " "	2027603	2
119	" " " "	2027609	2
120	" " " "	2027610(A)	2
121	NETWORK CONTROL LOADING BOARD	840605(F)	2
122	" " " "	840603(C)	2
123	" " " "	840607	2
124	" " " "	840608	2
125	NETWORK OPERATIONAL AMP	840639(D)	2
126	VOLTAGE SENSING BOARD	843040(G)	2
127	DITHER OSCILLATOR BOARD	869705(F)	2
128	DITA PRESSURE BOARD	2017621	2
129	MANUAL POSITION CONTROL BOARD	2011891(B)	2
130	TRAIN DETECTOR	843038(B)	2
131	MOTION PUMP SIGNAL GENRATOR	869701(E)	2
132	D/A FILTER	869971(E)	2
133	RC START LOADER	M873-0-1(B)	2
134		4010266E(A)	2
135		4010268E(A)	2
136		4010214E(A)	2
137		4010252E(A)	2

INDEX	DISCRIPTION	P/N	QTY
138		4010232E(A)	2
139		4010270E(A)	2
140		4010280E(A)	2
141		4010278E(A)	2
142		4010240E(A)	2
143		4010260E(A)	2
144		4010274E(A)	2
145		4010272E(A)	2
146		4010228E(A)	2
147		4010280E(A)	2
148		4010230E(A)	2
149		4010250E(A)	2
150		4010248E(A)	2
151		4010234E(A)	2
152		4010226E(A)	2
153	VISUAL PC MODULE(LINKAGE MODULE)	4010220E(A)	2
154	"	4010224E(A)	2
155	"	410300E(A)	2
156	"	4010258E(A)	2
157	"	4010262E	2
158	"	4010242E	2
159	"	4010244E	2
160	"	4010206E	2
161	"	4010222E	2
162	"	4010200E	2
163	"	4010218E	2
164	"	4008416E	2
165	"	4010216E	2
166	"	4010254E	

INDEX	DISCRIPTION	P/N	QTY
167	VISUAL PC MODULE (LINKAGE MODULE	4010246E	2
168	"	4010210E	2
169	"	4010208E	2
170	BOARD	7100538G001(B)	2
171	BOARD	7100541G001(B)	2
172	"	7100539G001(B)	2
173	AMPLIFIER ASSY BOARD	7012253G001	2
174	PROTECT BOARD	7100540G001(B)	2
175	(ADDS/900M),A1	71005366001(B)	2
176	ARC PROTECT ASSY BOARD	7400542G001(B)	2
177	X-D/ACONVERTOR	7100620G001(B)	2
178	RADIO CONVERTOR	7100622G001(B)	2
179	CONIC GENERATOR OPTION	7100625G001(B)	2
180	character "	7100623G001(B)	2
181	GRAPHIC CONTROLLER	7100626G001(B)	2
182	REFRESH CONTROLLER	7100624G001(B)	2
183	DISPLAY WTERFACE	7100618G001(B)	2
184	INPUT/OUTPUT CONTROL	7100586G001(B)	2
185	DRIVER/RC CIVERS	7100584G001(B)	2
186	CIRCUIT CARD NETWORK RELAY	840657-02(E)	2
187	" " " "	2019158-01 (D)	2
188	" " " "	840625 (B)	2
189	" " " "	2014037 (B)	2
190	" " " "	2019158-01 (D)	2
191	NETWORK OPERATIONAL AMP	840635 (D)	2
192	DC MPDULATOR	D60518	2
193	D/ABOARD	861870	2
194	" "	665428(E)	2
195	" "	665418(D)	2

INDEX	DISCRIPTION	P/N	QTY
196	D/A BOARD	641886(A)	2
197	" "	445783(B)	2
198	POWER BOARD	665482(G)	2
199	UPPER HEAD	30-13145-1(638-01)	10
200	LOWER HEAD	30-13145-2(638-02)	10
201	GREACE AERO SHELL #17	#17	4 CANS
	MOTION HYD		
202	POTENTION METER FOUR MOTION LEG	63282	10
203	COUPLING FOR CONTROL LOADING PUMP & MOTOR		3SET
204	GARLOCK SEAL FOR STABILIZER TRIM MOTOR	C/R 9664USA(MF 85-UY-11-ENS)	3
205	STABILIZER TRIM METER	CPT#:MF 85-UY-11-ENS)	1
206	GEAR FOR TACHO GENERATOR	PIC-P17-4-100-C-SPL	6
207	GEAR FOR POTENTION METER	PIC-P17_4-100-C	6
208	TACHO GENERATOR FOR MOTION LEG	TG-2139A	2
209	VALVE SOLENOID TWO WAY 115V, 60CPS 3000PSI	100A-110	1
210	PRESSURE SWITCH (FROM BCTHEL)	6607A-8-11	1
211	SEAL SET FOR BOOST PUMP WORTHING	DB12.SR 649121-2	2SET
212	SEL SET FOR RACINE SOLENOID CONTROLLED PILOT VALVE	FDZ ETHS 110SD10	2SET
213	COIL FOR SOLONOID CONTROLLED PILOT VALVE	17222840	2SET
214	SEAL SET HYD MOTOR SPERRY VICKER RAND	C/R 9664	2SET
215	A FILTER FOR HYD SYSTEM MFC BY	SCHROEDER BROTHERS INC	1
216	TYPE JF-203J3-S-G120	0852443 RATING 3M	100
217	" K3	0852442 " "	20
218	" DF-30-ID3-G451 RATING 3M		10
219	" SKB-3 RATING 149M		10
220	" SKB-1 RATING 149M		10
221		2011854-02	10
222		2011854-04	10

INDEX	DISCRIPTION	P/N	QTY
SEAL KIT COMPRISES FOLLOWING ITEMS			
1	O-RING	010404-0356	
2	WIPER SEAL	K16001-0013	
3	LIPE SEAL	K16001-0014	
4	BEHKUP WASHER	076343-0300	
5	WEAR RING	K25601-0005	
6	CAP SCREW	10643-0232	
7	END SEAL	010404-0356	
8	BACKUP WASHER	077391-2239	
9	WAER RINGS	K25601-0008	
10	OUTER RINGS	K16001-0015	
11	INNER RING	K16001-0016	
12	LOCK PIN	008140-0000	
13	O-RING	047738-0041	

INDEX	DISCRIPTION	LPN	VENDER P/N	QTY	REMARK
	TRUE AIR SPEED IND	475250	24482-1-1	1	70210
2	MACH & AIR SPEED IND	475252	475252	1	
3	PRESSBRE PNENUMTIC IND	475264	27300-A23A-1-A2	1	02987
4	POSITION TRIM STABILIZER IND	475266	8DJ50LAD-2	1	97434
5	ATTITUDE REMOTE IND	475267	144700-01-01	1	35351
6	GROUND SPEED IND	475269	3571251-0002	1	19315
7	HOR SITUATION IND	0100290	522-2411-003 TYPE 331D-2	1	13499
8	BEARING DISTANCE HEADING IND	2017126-01		1	83942
9	PRESSURE HYD UTILITY	2017128-01	18-1501	1	96774
10	PRESSURE BOOST PUMP IND	2017129-01	3571810-0007	1	02987
11	" OIL ENG IND	2017130-01	18-2052	1	96774
12	" HYD DUAL IND	2017132-01	3571820-1002	1	02987
13	TEMPERATURE EXHAUST GAS IND	2017133-01	DST497-1	1	05808
14	POSITION NOZZEL IND	2017134-01	8DJ50LAE2	1	97424
15	RATE OF CLIMB	2017138-01	2942	1	33051
16	AMP HOR SITUATION IND	0381636	522-1394-003 TYPE 333F-1	1	13499
17	CIRCUIT BRAKER 30 AMP	0420420,9	AM333-30-250-60-4	1	74193
18	" " 20 "	0420430	" " " " -5	1	•
19	" "	0420432	AM12-30-250-400	1	•
20	" "	0420434	AM12-6-250-400 ¹⁴	1	"
21	" " 3 AMP	0420439	AM12-3-250-60-4	1	
22	" " 10 "	0420440	AM12-10-250-400 ¹⁴	1	
23	SWITCH PUSH	0420452	MS25089-4C	1	
24	LAMP FLASH TUBE	0420507		1	
25	CIRCUIT BRAKER 90 AMP	0430329	EE3B090	1	30086
26	AMPLIFIER	04334575	DA-1A	1	17276
27	VALVE	0434681	131A-3/8SPOOL 1-AIR-28VDC	1	94966
28	" flow	0452305	F111-200	1	81978
29	IND ATTITUDE DIRECTOR	0482225	142001-01-02	1	35351
30	VALVE TRANSFER	0671692	72-103MOD	1	94697

INDEX	DISCRIPTION	LPN	VENDER P/N	QTY	REMARK
31	VALVE SOLENOID	0671694	101A-110-60CPS	1	07988
32	" SAFETY RELIEF	0672238	559B-2M-10	1	91816
33	" PRESSURE 0 TO 5 PSI	0672278	R04-200-RGE-AV	1	43990
34	ALTIMETER SENSITIVE	GN66028-01	AAU-191A	2	33051
35	VALVE TRANSFER	1000280-01	T-25	1	90070
36	POWER SUPPLY	B527371	SPS-514	1	09004
37	" "	B527372	SPS-511	1	"
38	" "	B529030	SPS-963	1	"
39	CICUIT CARD LADDER	B687384		1	
40	PRINTTED CIRCUIT DB-T0d/A	B687783		1	
41	" " 11B OUTPUT GATE	B687799		1	
42	" " D/A CONTROL	B687803		1	
43	" "	B687817		1	
44	" " SSQ GENERATOR	894320		1	
45	" " DACON RX/TX	897370		1	
46	" " A/D control	896500-02		1	
47	" " DMA PRIT Y CHECKER	621918		1	
48	" " DMA device LOCK	688642		1	
49	CIRCUIT BOARD D/BAND SELECT	B687882		1	
50	PRINTED CIRCUIT D/LOAD SEXTA T SELE	894394		1	
51	CIRCUIT CARD DDP PRIORITY CONT	894484		1	
52	" " DAFG "	894468		1	
53	" " PRIORITY CONT	687514		1	
54	" " CLOCK GEN	894444		1	
55	" " MASTER PULSE GEN	894366		1	
56	" " TYPE RECYCLE	894414		1	
57	" " T/C TTY& TYPE CLOCK GEN	894404-02		1	
58	" " 14 BIT SYNCH	6886658-01		1	
59	" " PHASE & SWITCH SYNCH	B687816-01 687790		1 1	
60	" " DMA BOARD BUFFER				

INDEX	DISCRIPTION	LPN	VENDER P/N	QTY	REMARK
1	CIRCUIT CARD SW SYNC MAST CLOCK CONT	B687808-02		1	
2	RELAY	1000686-01	AH30-231-U20	10	04009
3	" SOLENOID	10006667-01	AH30-131-U-20	10	
4	" "	1000687-01	AH30-331-U-20	10	
5	POWER SUPPLY	1003059-02	P26698	1	97525
6	GEAR ASSY 5T01	253654		1	
7	" " 20T1	253656		10	
8	" SHAFT 75 TOOTH	253667		3	
9	" " 15 "	253681		6	
0	LOAD CELL	431564	MODLE SC-2000	6	
1	SWITCH PUSH BUTTON	4004154-01	10HA1C1F1L	2	96182
2	CORE MEM 8K26	40044193-01	999-3953-01	1	21542
3	MAGNETIC DRUM	4004418-01	MH12C222	3	12692
4	POWER SUPPLY	697772	24U100	1	14749
5	AMP POWER SUPPLY	697786	1001-102	1	25965
6	POWER SUPLLY	697901-01	L3R5-400VS2626	1	09206
7	RELAY	546787 7-55-11	HGSM-5224	4	71482
8	POWER SUPPLY	697902	SPS1069	1	09004
9	CORE MEMORY 2K	4004207-01	999-3992-00	1	21542
0	POWER SUPPLY	4004013-04	RSF100-6-OVPMT	1	26440
1	" "	4004013-05	BCSF RSF50-12-OVPMT	1	"
2	" "	4004013-06	" 15 "	1	"
3	" "	4004333-03	RSD30-DVP	1	98380
4	" "	4004441-01	2K20-M4	1	
5	CIRCUIT BRAKER	420429	13MC2-104-30	1	
6	" "	420435	4MC2-105-15	1	
7	SWITCH SENSITIVE	431378	10EF1	2	
8	" THEMO	432752	17021-0	3	73168
9	RESISTOR VARIABLE	4337715	209L1-103	6	
0	RELAY ARMATURE	436463	PM17D12VDC	6	

INDEX	DISCRIPTION	LPN	VENDER P/N	QTY	REMARK
91	POWER SUPPLY	436701-02	SP1424	1	
92	CHOKE RF	451399	17786-19	1	54753
93	MOTOR TACH	451428	SB804B24A2G3	2	
94	SYNCHRO	546253	5RS900-3E	2	
95	MOTOR GEN	548995	18G4DAB1M5	3	10112
96	PRINTED CIRCUIT	620271-01		2	
97	" "	620263-01		2	
98	" " BOARD	620275-01		2	
99	" " "	620367-01		2	
100	OPERATIONAL AMPLIFIER	62062201		2	
101	CIRCUIT BOARD	D579656		2	
102	" "	593110		2	
103	" "	444601		2	
104	INDICATOR ANGLE OF ATTACK	862611	SLZ9421	2	
105	RELAY	656528	GDA-221-U-110V	4	
106	CONVERTER FREQ STATICACTO DC		D6051A	5	
107	GENERATOR	863830		10	
108	SEMICONDUCTOR DEVICE	503937	RD5003	20	MSK22
109	DRIVER DUAL	549660	L51018A	200	13133
110	AMPLIFIER	671284	MSK421	20	
111	"	454409	700184	20	29832
112	DELAY LINE	699093		20	27311
113	AMPLIFIER	434487		420	17276
114	"	546773	D-8	430	MSK21
115	"	657977	QFT-2	420	29832
116	"	656325	SQ-10A	320	17276
117	"	549507	1104A	530	17850
118	"	549506	1024	320	24355
119	"	434575	DA-1A	420	
120	"	657928	147A	520	17850

INDEX	DISCRIPTION	LPN	VENDER P/N	QTY	REMARK
121	REGULATOR	697586		320	17672
122	AMPLIFIER		384CPS	410	
123	CIRCUIT BOARD	862076		1	
124	VALVE	8671693		1	
125	"	D671693		1	
126	ATTENUATOR	432732	T4MOD	10	
127	MOTOR	433212	CU90-801-011	10	
128	SYNCHRO	433249	RS925-1E	10	
129	VALVE	434681	2108-501-28	1	
130	LAMP	436439	MS18209-387	20	
131	RELAY	454030	2T-2962	10	35344
132	P/C SYNCH DRIVER	458459		10	
133	FLASHER	464311		10	
134	MOTOR GEN	546357	11G4A-AA1-B1	10	10651
135	" "	548995	18G4D-AB1-M5	10	
136	AMPLIFIER	549193	DA12P	10	12050
137	RESOLVER	549214	V1P11-4A68L	10	
138	VALVE FLOW	672300	194FT-16-34-3	1	
139	CIRCUIT BOARD	862520		2	
140	" "	867916		2	
141	" "	453842		2	
142	" "	458412		2	
143	" "	453832		2	
144	" "	623723		2	
145	" J "	453828		2	
146	" "	863730		2	
147	INDICATOR LIGHT	9050001		40	
148	" "	905004		60	
149	" "	905002		30	
150	" "	905006		30	
151	" "	1000630-71A		8	

INDEX	DISCRIPTION	LPN	VENDER P/N	QTY	REMARK
152	NET WORK	867054		120	
153	" :	867053		120	
154	" "	867055		120	
155	AMPLIFIER DC	B458409		2	
156	VOLTAGE REGULATOR	286249		2	
157	LINEAR VAR RESISTOR 50K	286249		2	
158	CIRCUIT CARD ASSY	272618		2	
159	IC	SG243-03		1000	
160	"	SG22203		1000	
162	"		SYLVANIA	1000	
163	"		SF102-03		
			MOTOROLA		
			MC-3002L	1000	
164	LAMP		TEE734	1000	
165	IC	503741	SC693-SW353T	1000	
166	"	503742	SC694-SW354T	1000	
167	"	503743	SC695-SW355T	1000	
168	"	503744	SC696-SW356T	1000	
169	"	503745	SC697-SW357T	1000	
170	"	503747	SC699-SW359T	1000	
171	"	503748	SC700-SW360T	1000	
172	"	503749	SC701-SW361T	1000	
173	"	503750	SC775-SW351T	1000	
174	"	508990	SC1000-SW302T	1000	
175	"	508991	SC1019-SW358AT	1000	
176	"	657049	SC2748G-SW359T	1000	
177	"	549682	SC2151P	1000	
178	"	549683	SC2152P	1000	
179	"	549684	SC2153P	1000	
180	"	549681	SC2154P	1000	
181	"	549685	SC2155P	1000	
182	"	549686	SC2156P	1000	

INDEX	DISCRIPTION	LPN	VENDER P/N	QTY	REMARK
182	IC	549688	SC2158P	1000	
183	"	549689	SC2159P	"	
184	"	549680	SC2160P	"	
185	"	549690	SC2161P	"	
186	"	549691	SC2162P	"	
187	"	549692	SC2163P	"	
188	"	549693	SC2164P	"	
189	"	549694	SC2165P	"	
190	"	549695	SC2166P	"	
191	"	549696	SC2167P	"	
192	"	549697	SC2168P	"	
193	"	549698	SC2169P	"	
194	"	549699	SC2180P	"	
195	"	676458	SC2183	"	
196	CIRCUIT CARD (A/D)	610010		2	
197	" "	610040		1	
198	" "	610100		1	
199	" "	610075		1	
200	" "	610090		1	
201	" "	610015		1	
202	" "	610030		2	
203	MAGNETIC TAPE UNIT	9486-6227	MODTM7211	1	
204	CAPSTANT		5202290-01	3	
205	TRANSISTOR	697758	2N5020	120	
206	DTG	621912-02		1	
207	ARITHMETIC	621916-02		1	
208	UNIT	687836-02		1	
209	CIRCUIT CARD	687774		1	
210	" "	687788		1	
211	" "	2017221-01		1	
212	" "	2017222		1	

INDEX	DISCRIPTION	LPN	VENDER P/N	QTY	REMARK
213	CIRCUIT CARD	2017223		1	
214	" "	2017224		1	
215	" "	872484-01		1	
216	" "	2017225-01		1	
217	" "	2017226-01		1	
218	" "	2017227-01		1	
219	" "	2017228-02		1	
220	" "	2017229-01		1	
221	" "	2017230-01		1	
222	" "	2017231-01		1	
223	" "	2017244-01		1	
224	" "	687518		1	
225	" "	687786		1	
226	" "	687772		1	
227	" "	687748		1	
228	" "	687846		1	
229	" "	B687852		1	
230	" "	687854		1	
231	" "	687848-01		1	
232	" "	B687842		1	
233	" "	B687870-01		1	
234	DTG ARITHMETIC	687766-01		1	
235	UNIT CIRCUIT	687764-01		1	
236	CARD	687756		1	
237	"	B687830		1	
238	"	B687878		1	
239	"	687832-02		1	
240	"	872490-02		1	
241	"	B687866		1	
242	CIRCUIT CARD DTG OUT PUT	B687900		1	
243	CIRCUIT CARD	687752		1	

INDEX	DISCRIPTION	LPN	QTY
244	CIRCUIT CARD	621910-03	1
245	" "	8687782	1
246	" "	687784-01	1
247	" "	687840-01	1
248	" "	687884-01	1
249	" "	687820-01	1
250	" "	687758	1
251	" "	621926-02	1
252	" " GP-4B	894364	1
253	COMP	894316	1
254	CIRCUIT	687426	1
255	card	894312	1
256	I/O	894300	1
257	GP-4B comp	687422	1
258	I/O CARDS	687420	1
259	"	894314	1
260	"	894306	1
261	"	894492-02	1
262	"	687422	1
263	"	894490	1
264	"	894304	1
265	"	894302	1
266	"	894308	1
267	"	894318	1
268	GP CARD	894344	1
269	"	894348	1
270	"	687294	1
271	"	894336	1
272	CIRCUIT CARD	894330	1
273	"	894340	1

INDEX	DISCRIPTION	LPN	QTY
274	CIRCUIT CARD	687356	1
275	"	894334	1
276	"	8688648	1
277	"	687300	1
278	"	687272	1
279	"	894332	1
280	"	687298	1
281	CIRCUIT CARD DVUMLOADER	688678	1
282	CIRCUIT CARD	894420	1
283	"	687468	1
284	"	687470	1
285	"	687546	1
286	"	894408-02	1
287	"	894392	1
288	"	894422	1
289	"	687428	1
290	"	687578	1
291	"	894406	1
292	"	8687884	1
293	"	894410	1
294	"	894398-02	1
295	"	894470	1
296	"	894418-02	1
297	"	894402	1
298	"	894412	1
299	"	894400	1
300	"	894416-02	1
301	"	688694	1
302	"	894396	1
303	"	687440	1

INDEX	DISCRIPTION	LPN	QTY
304	CIRCUIT CARD	687438	1
305	DAFG	687322	1
306	CIRCUIT CARD	687326	1
307	"	687328	1
308	"	894468-02	1
309	"	687330	1
310	"	894460	1
311	"	894464	1
312	"	687332	1
313	DDP CIRCUIT CARD	688658	1
314	CIRCUIT CARD ASSY	687554	1
315	"	894480	1
316	"	687394	1
317	"	687396	1
318	"		
319	"	688388	1
		687408	1
320	"	687386	1
321	"	687380	1
322	"	687392	1
323	"	687388	1
324	"	687366	1
325	"	687386	1
326	"	894482	1
327	"	687398	1
328	CIRCUIT CARD LINKAGE CIRCUIT CARD	687228	1
329	CIRCUIT CARD	B687798-01	1
340	"	687796	1
341	"	687540	1
342	"	B687800-02	1
343	"	687818-01	1

INDEX	DISCRIPTION	LPN	QTY
344	CIRCUIT CARD	896508	1
345	"	621924-02	1
346	"	B687802-01	1
347	"	896506-03	1
348	"	687494	1
349	"	687360	1
350	"	687362	1
351	"	687368	1
352	"	687370-01	1
353	"	687364-01	1
354	"	637364	1
355	"	896502	1
356	"	687382	1
357	S/SCIRCUIT CARD	687502	1
358	CIRCUIT CARD	687274	1
359	S/S CIRCUIT CARD	688676	1
360	CIRCUIT CARD	894354-02	1
361	"	687506	1
362	"	687544	1
363	"	687556	1
364	"	687542	1
365	"	687540	1
366	"	894362	1
367	"	687494	1
368	"	687518	1
369	"	687512	1
370	"	687526	1
371	"	B688648	1
372	"	687500	1
373	"	894358-02	1
374	"	894366	1

INDEX	DISCRIPTION	LPN	QTY
375	CIRCUIT CARD	687538	1
376	"	894364	1
377	"	687536	1
378	"	687274	1
379	"	688640	1
380	"	687272	1
381	"	687904-01	1
382	"	687818-01	1
383	"	687810	1
384	"	688716	1
385	"	688712	1
386	"	688714	1
387	:	894362-02	1
388	"	68794-01	1
389	"	687790	1
390	"	687228	1
391	"	B687798-01	1
392	"	687796	1
393	"	687540	1
394	"	B687800-02	1
395	"	687790	1
396	"	687818-01	1
397	"	896508	1
398	"	621924-02	1
399	"	B687802-01	1
400	"	896506-03	1
401	"	687494	1
402	DRUM LOGIC CIRCUIT CARD	894448	1
403	CIRCUIT CARD	688638	1
404	" " ASSY	894450	1

INDEX	DISCRIPTION	LPN	QTY
405	CIRCUIT CARD ASSY	687496	1
406	"	687528	1
407	"	687522	1
408	"	687492	1
409	G/P CIRCUIT CARD	894346	1
410	CIRCUIT CARD	894322	1
411	"	687316	1
412	"	687358-02	1
413	"	894324	1
414	"	687302	1
415	"	894326	1
416	"	894328	1
417	"	687304	1
418	"	687306	1
419	"	687310	1
420	"	687312	1
421	"	894342-02	1
422	"	687278	1
423	DRUM LOGIC	687472	1
424	CIRCUIT CARD	894440	1
425	"	894442	1
426	"	688610	1
427	"	687488	1
428	DRUM ELECTRONIC	894430	1
429	CIRCUIT CARD	894432	1
430	"	688622	1
431	"	894434	1
432	"	894452	1
433	CONTROL PANEL	687270	1
434	CIRCUIT CARD	894719	1

INDEX	DISCRIPTION	LPN	QTY
435	CIRCUIT CARD	894508	1
436	CIRCUIT CARD PERIPHERAL EQUIP	888004	1
437	CIRCUIT CARD CONTROLLER	888014	1
438	"	888006	1
439	"	888002	1
440	"	894630	1
441	"	888030	1
442	"	894628	1
443	"	889098	1
444	"	894623	1
445	"	894632	1
446	"	889121	1
447	"	889155	1
448	"	888005	1
449	"	888034	1
450	"	889154	1
451	"	888001	1
452	"	888008	1
453	"	889124	1
454	"	889125	1
455	"	889123	1
456	"	884622	1