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This is the → Technology Insertion (TI)/Industrial Process Improvement (IPI) Data Base Documentation Book Volume 7 for SA-ALC/MATPSS (Assembly & Test GTE's). This document contains detailed information about layouts equipment and processes for this RCC (Resource Control Center).

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TECHNOLOGY INSERTION-ENGINEERING SERVICES
PROCESS CHARACTERIZATION
TASK ORDER NO. 1
(BLOCK 1)

DATABASE DOCUMENTATION BOOK

SA-ALC

MATPSS

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CONTRACT SUMMARY REPORT
14 AUGUST 1989

CONTRACT NO. F33600-88-D-0567
CDRL SEQUENCE NO. B008

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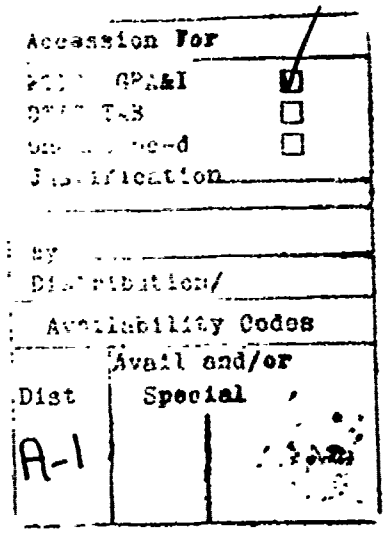
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PROCESS CHARACTERIZATION
TASK ORDER NO. 1
(BLOCK 1)

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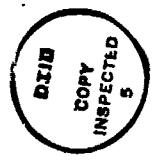
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MATPSI



CONTRACT SUMMARY REPORT
14 AUGUST 1989

CONTRACT NO. F33600-88-D-0567
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TECHNOLOGY INSERTION ENGINEERING SERVICES

PROCESS CHARACTERIZATION

TASK ORDER NO. 1

DATA DOCUMENTATION BOOK FOR Rcc MATPSS

SA - ALC

1989

1.0 IDENTIFICATION OF Rcc MATPSS

RCC MATPSS HAS BEEN IDENTIFIED BY STATEMENT OF WORK OF CONTRACT F33600-88-D-0567 FOR PROCESS CHARACTERIZATION.

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- 2.2 EQUIPMENT
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2.0 GENERAL INFORMATION

MATPSS IS A RESOURCE CONTROL CENTER (RCC) LOCATED IN TWO BUILDINGS - 329 ASSEMBLY SHOP AND 340 TEST CELLS - ALONG WITH OTHER RCC'S (MATPSI AND MATPGB).

THE PRIMARY WORKLOAD IN MATPSS CONSISTS OF MISTR END ITEMS. THE WORKLOAD HAS BEEN STABLE FOR THE LAST FEW YEARS. THE 80/20 LIST WAS ESTABLISHED TO IDENTIFY THE SPECIFIC PART CONTROL NUMBERS (PCN) TO BE CHARACTERIZED IN TASK ORDER NO. 1.

THE PCN NUMBERS AND END ITEMS NOUNS ARE AS FOLLOW:

08004A F15 L/H AIRFRAME MOUNTED AUXILIARY DRIVE (AMAD)

08005A F15 R/H AIRFRAME MOUNTED AUXILIARY DRIVE (AMAD)

C8006A F15 JET FUEL STARTER (JFS)

13096A F16 JET FUEL STARTER (JFS)

C8007A F15 CENTRAL GEARBOX (CGB)

12712A F16 ACCESSORY DRIVE GEARBOX (ADG)

04542A B52G CPS02 MOD. STARTER

10598A F4C ATSC100-87 STARTER

10718A B52H ATSC100-97-97A STARTER

MATPSS WILL BE DISCUSSED FURTHER IN SECTION 2.1 THROUGH 2.8

2.1 FACILITY LAYOUT DRAWING

THE FACILITY LAYOUT DRAWING FOR BUILDING 329 DOES NOT REPRESENT AS-IS CONDITIONS FOR THE EQUIPMENT LAYOUT IN THE CENTRAL GEARBOX AND ACCESSORY DRIVE GEARBOX ASSEMBLY AREAS.

MATPSS RCC ASSEMBLY OF THE ABOVE NINE END ITEMS IS ACCOMPLISHED IN FIVE INDPENDENT SHOPS AS WELL AS IN CONJUCTION WITH OTHER RCC'S MATPSI AND MATPSS IN THE EASTERN HALF OF BUILDING 329.

MATPSS OCCUPIES 9920 SQUARE FEET, (SEE LAYOUT DRAWING).

THE FACILITY LAYOUT DRAWING FOR BUILDING 340 IS CURRENT AND REPRESENTS THE AS-IS CONDITION. THERE ARE 21 TEST CELLS IN BUILDING 340, OF WHICH 10 ARE DEDICATED TO MATPSS FOR THE TESTING OF THE ABOVE 9 END ITEMS.

THESE 10 TEST CELLS OCCUPY 4905 SQUARE FEET.

REFERENCE THE LAYOUT DRAWING ATTACHED.

2.2 EQUIPMENT

MATPSS ASSEMBLY IN BUILDING 329 IS COMPRISED MAINLY OF SMALL ASSEMBLY STANDS, SMALL INSTALLATION FIXTURES, WORK BENCHES; OVENS, ICE CHESTS AND TRANSPORTATION CARTS. MATPSS ASSEMBLY AND TEST OPERATIONS ARE PRECEDED BY MATPSI RECEIPT, DISASSEMBLY, INSPECTION, CLEANING AND BY PARTS POOL KITTING. THE EQUIPMENT ITEMS WITHIN MATPSS ASSEMBLY ARE APPPOXIMATELY FIVE TO TEN YEARS OLD, AND ARE IN GOOD WORKING CONDITION.

MATPSS TEST IN BUILDING 340 IS COMPRISED TOTALLY OF TEST CELLS, TEST STANDS AND COMPUTERIZED CONTROL PANELS TO MONITOR AND RECORD TEST DATA.

2.2

EQUIPMENT CROSS REFERENCE LIST

DATE 06-02-89

PCN NO. 04542A, 10598A, 10718A

ALC SA

PART NAME STARTERS

RCC MATPSS

ASSEMBLY

PAGE 1 OF

EQUIPMENT CODE	TOOL/EQUIPMENT NUMBER	NAME	QUANTITY	COMMENTS
	CPS02 M00 FINAL ASSY.			
N-1	6PT-83728	LOCATING RING	1	
N-2	6PT-81474	SWITCH SETTING FIX	2	
N-3	8871218-03	BEARING DRIVER	2	
N-4	6PT-82183	HOLDING FIXTURE	2	
N-5	6PT-80063	SPANNER WRENCH	3	
N-6	8871218-01	CONNECTOR DRIVER	2	
N-7	MB1A102	HOLDING FIXTURE	1	
N-8	6PT-46232	COMPRESSION FIXTURE	1	
N-9	635-423	ASSY. FIXTURE	1	
N-10	7359411	SHAFT HOLDER	1	
	ATSC100-87 ASSEMBLY			
N-11	280012	HOLDER	4	
N-12	281200	PILOT SEAL	3	
N-13	284251-1-1	ALIGNMENT TOOL	1	
N-14	284252-1-1	GEAR HOLDER	1	
N-15	284253-1-1	BEARING DRIVER	1	
N-16	284255-1-1	SEAL DRIVER	2	
N-17	284267-1-1	HOLDER, PINL ASSY.	5	
	ATSC100-97-97A STARTER ASSY.			
N-18	281690-1	DRIVER	2	
N-19	284253-1-1	DRIVER	1	
N-20	284252-1-1	HOLDER	1	
N-21	280012	HOLDER	2	
N-22	281093	HOLDER	4	
N-23	280022	PILOT	2	
N-24	280292	SPECIAL WRENCH	2	
N-25	281257-2	DRIVER SEAL	3	
N-26	283543-1	ADAPTER	1	
	TEST			
N-27	53E36-85/.	TEST CELL	4	
N-28	MC116	TEST CELL	1	
N-29	53E36-7A	TEST CELL	2	

TABLE 2.2.1

2.2

EQUIPMENT CROSS REFERENCE LIST

DATE 06-01-89

PCN NO. 08004A & 08005A

ALC SA

PART NAME AMAD

RCC MATPSS

OPERATION RH & LH AMAD ASSEMBLY & TEST

PAGE 1 OF 3

EQUIPMENT CODE	TOOL/EQUIPMENT NUMBER	NAME	QUANTITY	COMMENTS
A-1	287951-1	SPLINED TORQUE WRENCH ADAPTER	2	
A-2	287959-1	SPLINED TORQUE WRENCH ADAPTER	2	
A-3	287961-1	SPLINED TORQUE WRENCH ADAPTER	2	
A-5	287966-2	SPLINED TORQUE WRENCH ADAPTER	1	
A-7	289602-1	SEAL DRIVER	1	
A-8	289639-2	SHAFT ASSEMBLY WRENCH	1	
A-9	291371-1	SHIM GAGE	2	
A-13	291398-1	SHIM GAGE	1	
A-14	291399-1	MOUNT STAND ADAPTER	7	
A-15	291400-1	MOUNT STAND	7	
A-17	291409-1	BEARING ADAPTER	2	
A-18	291416-1	BEARING DRIVER	2	
A-19	291419-1	BEARING DRIVER	2	
A-20	291422-1	BEARING INSTL.	2	
A-21	291423-1	BACKLASH TOOL	2	
A-25	291438-1	NUT TORQUE ADAPTER	2	
A-26	291442	FIXTURE	2	
A-27	291681-1	TEST FIXTURE	2	
A-28	291867-1	TUBE PLIERS	1	
A-30	291917-1	TORQUE WRENCH ADAPTER	1	
A-33	291959-1	SPANNER WRENCH	1	
A-36	293428-1	DECOUPLER LOADING FIXTURE	1	
A-37	293785-1	SEAL DRIVER	1	
A-41	8225010	HOLE SAW	1	
A-44	LP2659-7	SNAP RING PLIERS	1	
A-47		TEST SET	1	

2.2

EQUIPMENT CROSS REFERENCE LIST

DATE 06-01-89

PCN NO. 40096A

ALC SA

PART NAME F15 JFS

ACC 86TPSS

OPERATION ASSEMBLY

PAGE 1 OF

EQUIPMENT CODE	TOOL/EQUIPMENT NUMBER	NAME	QUANTITY	COMMENTS
E-99	8519622-01	ADAPTER	4	
E-101	AL-16.1	DYNAMIC BALANCE, [illegible]	2	
E-102	289595-1	BALANCE KIT ROTATING	1	
E-14	289671-1	HOLDER, GEAR SHIFT SPLINES	2	
E-15	289687-1	HOLDER, TURBINE WHEEL	2	
E-16	289689-1	HOLDER, WHEEL PRESS	2	
E-17	289690-1	SLEEVE, BEARING ALIGNMENT	2	
E-18	289691-1	ADAPTER, TORQUE WRENCH, SPLINED	1	
E-21	289707-1	HOLDER, ROTATING ASSEMBLY	1	
E-22	289708-2	FIXTURE, SHAFT STRETCHING	1	
E-25	289719-1	PULLER, MECHANICAL SPLINE	1	
E-27	289727-1	HOLDER, NUT TORQUING	2	
E-28	289728-1	ADAPTER, NUT TORQUING	2	
E-30	289733-1	ADAPTER, TORQUE WRENCH, SPLINED	1	
E-32	291392-1	ADAPTER, MAINTENANCE STAND	13	
E-33	291446-1	STAND, MAINTENANCE, GEARBOX	13	
E-34	291461-1	DRIVER, BEARING	1	
E-35	291471-1	ADAPTER, TORQUE WRENCH	2	
E-36	291467-1	SUPPORT, DIFFUSER	2	
E-37	291468-1	DRIVER, SEAL PUSHING	2	
E-38	291472-1	HOLDER, SPLINED, GEAR	2	
E-39	291481-1	HOLDER/DRIVER, GEAR	2	
E-43	291489-1	DRIVER, BEARING	2	
E-51	291998-1	SHAFT CHECKING, FIXTURE	1	
E-54	293312-1	HOLDER, DIFFUSER, NUT TORQUING	1	
E-55	293315-1	DRIVER, HOLDER, TRANSFER TUBE	2	
E-60	8221114-10	ADAPTER, TORQUE WRENCH	2	
E-61	8221115-10	INSTALLATION, BEARING	1	
E-62	8221117-10	INSTALLATION,BEARING WATER FACE	1	
E-66	289715-1	GAGE, SHAFT CHECKING	2	
E-81	289726-1	CHECKING, GAGE, [illegible]	2	
E-93	291661-2	JFS/CAB TEST SET	2	
E-10		ICE CHEST	1	
E-5		OVEN	1	
E-6		ICE CHEST	1	
E-9		OVEN	1	

2.2

EQUIPMENT [illegible] RENCE LIST

DATE 06-01-89

PCN NO. 08007A

ALC SA

PART NAME CGB

RCC MA7PSS

OPERATION ASSEMBLY & TEST

EQUIPMENT CODE	TOOL/EQUIPMENT NUMBER	NAME	QUANTITY	COMMENTS
L-1	291400-1	ROLL OVER STAND	10	
L-2	291392-1	STAND ADAPTER	10	
L-3	293158-1	CLUTCH HOLDER	1	
L-6	293157-1	HOLDER	3	
L-7	X720A	SPECIAL WRENCH	2	
L-17	8140811	DRIFT	1	
L-23	8319608	HOLD FIXTURE	1	
L-28	289607-1	SPANNER WRENCH	4	
L-37	289031-1	WRENCH ADAPTER	1	
L-42	291444-1	SPLINED WRENCH	1	
L-43	291395-1	SHIM CHECKING GAGE	3	
L-44	291393-1	SHIM CHECKING GAGE	2	
L-45	291394-1	CHECKING GAGE	1	
L-46	291415-1	CHECKING GAGE	2	
L-47	8442023	SHIM GAGE	2	
L-48	8319611	SEAL EXPANDER	1	
L-49	293227-1	GUIDE	2	
L-50	8319627	ALIGNMENT TOOL	1	
L-51	289681-1	SPRING COMPRESSOR	2	
L-52	293228-1	BEARING HOLDER/DRIVER	1	
L-53	289657-1	ADAPTER, TORQUE WRENCH	1	
L-55	296251-1	TEST ADAPTER	3	
L-56	289665-1	BEARING HOLDER/DRIVER	2	
L-57	8319620	HOLDER	3	
L-58	296803-1	INSTALLATION/SEAL TOOL	1	
L-59	291194-1	SEAL DRIVER	1	
L-60	289384-1	SEAL PILOT	2	
L-62	291421-1	WRENCH ADAPTER/HOLDER	2	
L-63	291425-1	DECOUPLER TEST FIXTURE	2	
L-65	291445-1	BEARING HOLDER/DRIVER	2	
L-66	291450-1	BEARING DRIVER/HOLDER	1	
L-67	291436-1	CLUTCH DRIVE/SLEEVE	2	
L-68	291437-1	BEARING DRIVER	2	
L-69	291188-1	PAWL CARRIER, DRIVER	2	
L-70	291690-1	BEARING DRIVER	2	
L-71	291439-1	TORQUE WRENCH/ADAPTER	1	
L-72	291440	GEAR HOLDER/NUT TORQUING	1	
L-73	296810-1	RUN OUT FIXTURE	1	
L-74	8319613	PRESS BEARING	1	
L-75	293157-1	CLUTCH HOLDER	1	TEST
L-76	293158-1	CLUTCH HOLDER	1	
L-77	8219996	PORT PLUG ADAPTER	2	
L-79	8441974	ALIGN BACKLASH TOOL	2	
L-80	289658-1	HOLDER	2	
L-81	8220081	DIAL INDICATOR/HOLDER	1	
L-82	291453-1	GAUGE SHIM/CHECKING	2	
L-83	296808-1	WRENCH SET	1	
L-85	5695216587402	FIXTURE AIR GAUGE	3	
L-86	266992-1	SHAFT		
L-87	129710	OVEN	1	

	L-88	31-2	PRESS	1	
	L-89	8319613	PRESS ADAPTER	1	
	L-90	8221169	DRIVER	2	
	L-91	289659-1	GAUGE	2	
	L-93	291661-2	TEST SET CGB	2	TEST
	L-94	C-11198	ICE CHEST	1	

2.2

EQUIPMENT CROSS REFERENCE LIST

DATE 06-01-89

PCN NO. 12712A

ALC SA

PART NAME ACCESSORY DRIVE GEARBOX

RCC MATPSS

OPERATION ASSEMBLY & TEST

EQUIPMENT CODE	TOOL/EQUIPMENT NUMBER	NAME	QUANTITY	COMMENTS
J-1	AKS-31466	ASSEMBLY TOOL	1	
J-2	AKS-31957	DRIVER	1	
J-15	DJS-27669	DRIVER	1	
J-17	DJS-29062	DRIVER	1	
J-18	DJS-30718	DRIVER	1	
J-23	FDS-27580	HOLDING FIXTURE	2	
J-24	FDS-28439	HOLDING FIXTURE	1	
J-25	FDS-28440	HOLDING FIXTURE	2	
J-29	PWS-27074	GEAR PULLER	1	
J-38	WCS-27062	SPANNER WRENCH	4	
J-39	5401-30393	ROLL OVER STAND	4	
J-56	AKS-29050	ASSEMBLY TOOL	1	
J-57	LTS-28183	BEARING NEST	1	
J-58	161-22052	GO PLUG GAGE	1	
J-59	161-22053	`` GO GAGE	1	
J-60	AKS-29052	TOOL	1	
J-61	AKS-29053	. TOOL	1	
J-62	DMS-27670	?'NG DRIVER	2	
J-64	DMS-27662	` DRIVER	2	
J-65	DMS-27663	BE DRIVER	2	
J-66	DMS-27661	BEARING DRIVER	2	
J-67	DMS-27660	BEARING DRIVER	2	
J-68	DMS-27659	BEARING DRIVER	2	
J-69	AKS-29051	BEARING DRIVER	1	
J-70	DMS-27685	BEARING DRIVER	2	
J-71	DMS-27684	BEARING DRIVER	2	
J-72	DMS-27059	BEARING DRIVER	2	
J-73	FDS-31836	HOLDING FIXTURE	2	
J-74	DMS-27626	BEARING DRIVER	2	
J-75	AKS-25109-23	ASSY BULLET	1	

2.2

EQUIPMENT CROSS REFERENCE LIST

DATE 06-01-89

PCN NO. 13096A ALC SA

PART NAME F16 JET FUEL STARTER RCC MATPSS

OPERATION ASSEMBLY & TEST PAGE 1 OF

EQUIPMENT CODE	TOOL/EQUIPMENT NUMBER	NAME	QUANTITY	COMMENT
M-1	ST91125	COMBUSTOR ASSY. PULLER	1	
M-11	8621514	WOODEN STAND	1	
M-13	HL-16.1	HOFFMAN DYNAMIC BALANCING MACHINE	2	
M-14	ST90857	ALIGNMENT PINS (3)	6	
M-15	ST70078	ASSEMBLY STAND	2	
M-16	ST91087	DRIVER	1	
M-17	ST60714	INSPECTION FIXTURE	2	
M-18	ST91021	DRIVER	2	
M-19	ST80043	BALANCING FIXTURE	1	
M-2	ST93466	PULLER ADAPTER	1	
M-20	ST62374	MASTER INDICATOR GAGE	1	
M-21	ST90838	SEAL PLATE SUPPORT	2	
M-22	ST70941	LOCATING FIXTURE	1	
M-23	ST61188-03	RING GAGE	1	
M-24	ST61188-04	RING GAGE	1	
M-25	ST60880	WIRE GAGE	2	
M-26	ST62887	INSPECTION GAGE	2	
M-27	ST10223	SPOT PUNCH TEMPLATE	1	
M-28	ST61189-06	PLUG	2	
M-29	ST62886	INSP. BRIDGE GAGE	2	
M-3	ST70137	HOLDING FIXTURE	1	
M-30	ST70108	DRIVER	1	
M-31	ST70110	DRIVER	4	
M-32	ST70461	RING SPACER	5	
M-33	ST70468	ALIGNING TOOL	1	
M-34	ST91644	RETAIN RING CHECK	2	
M-35	ST93151	TEST STAND JFS	1	
X-5		OVEN	1	
X-6		ICE CHEST	1	
X-7		LIQUID NITROGEN	1	

THE EQUIPMENT WITHIN MATPSS TEST IS MOSTLY OVER 20 YEARS OLD. FORTY PERCENT OF THE TEST STANDS IN THE TEN MATPSS TEST CELLS ARE NOT IN WORKING CONDITION. THE MAIN PROBLEM WITH REPAIR OF THE OLD EQUIPMENT IS THE TIME IT TAKES TO OBTAIN REPLACEMENT PARTS. MOST OF THE TEST STANDS AND CONTROL PANELS ARE OBSOLETE.

A LISTING OF ALL EQUIPMENT FOR MATPSS CAN BE FOUND IN THE EQUIPMENT PROFILE LIST.

2.3 WORKFORCE

MATPSS HAS A STABLE WORKFORCE WITH LITTLE VARIANCE. IT HAS A WELL-DEFINED WORKLOAD. THE WORKFORCE IS COMPRISED OF 65 ASSEMBLY MECHANICS WITH FOUR SUPERVISORS IN BUILDING 329, AND 21 TESTERS WITH THREE SUPERVISORS IN BUILDING 340 A TOTAL WORKFORCE OF 93.

THE FOLLOWING IS A BREAKDOWN OF THE MANPOWER WITHIN MATPSS.

SKILL CODE / LEVEL	QUANTITY	AVG. YRS. OF EXPERIENCE
8602 BC 05 MECHANIC	4	3.0
8602 BE 05 MECHANIC	1	0.5
8602 BK 05 TESTER	3	9.0
8602 BK 08 TESTER	1	6.0
8602 BC 09 MECHANIC	44	9.0
8602 BE 09 MECHANIC	11	8.0
8602 BK 09 TESTER	1	6.0
8602 BC 10 MECHANIC	4	10.0
8602 BE 10 MECHANIC	1	20.0
8602 BK 10 TESTER	16	8.0

2.4 REPAIR PROCESS TECHNOLOGIES

THE REPAIR PROCESS TECHNOLOGY WITHIN MATPSS CONSISTS OF DISASSEMBLY, CLEANING, INSPECTION, ASSEMBLY AND TEST OF THE MEN. END ITEMS MENTIONED IN 2.0 THE END ITEMS ARE ASSEMBLED FROM KITS, OBTAINED FROM THE PARTS POOL, AND ARE TESTED IN ACCORDANCE WITH APPLICABLE TECHNICAL ORDERS.

2.5 WORKLOAD MIX AND VOLUME

THE WORKLOAD FOR MATPSS CONSISTS PRIMARILY OF THE END ITEMS ON THE MISTR FILES FOR MATPSS WHICH ARE FOUND IN THE 80/20 WORKLOAD SECTION OF THIS BOOK.

THE NUMBER INDUCTED IN FY88 FOR THE 80 PERCENT OF THE END ITEM LIST WAS AS FOLLOWS:

PCN	NOUN	1ST Q.	2ND Q.	3RD Q.	4TH Q.	TOTAL
08004A	F15 LH AMAD	56	47	40	47	190
08005A	F15 RH AMAD	27	15	30	36	108
08006A	F15 JFS	82	68	85	90	325
08007A	F15 CGB	120	73	72	134	399
12712A	F16 ADG	35	34	36	39	144
13096A	F16 JFS	20	40	58	90	208
04542A	CPS-02 MOD	110	107	80	128	425
10598A	ATSC 100-87	50	80	43	62	235
10718A	ATSC 100-97	44	78	77	59	258
	TOTAL	544	542	521	685	2292

2.6. MATERIAL HANDLING

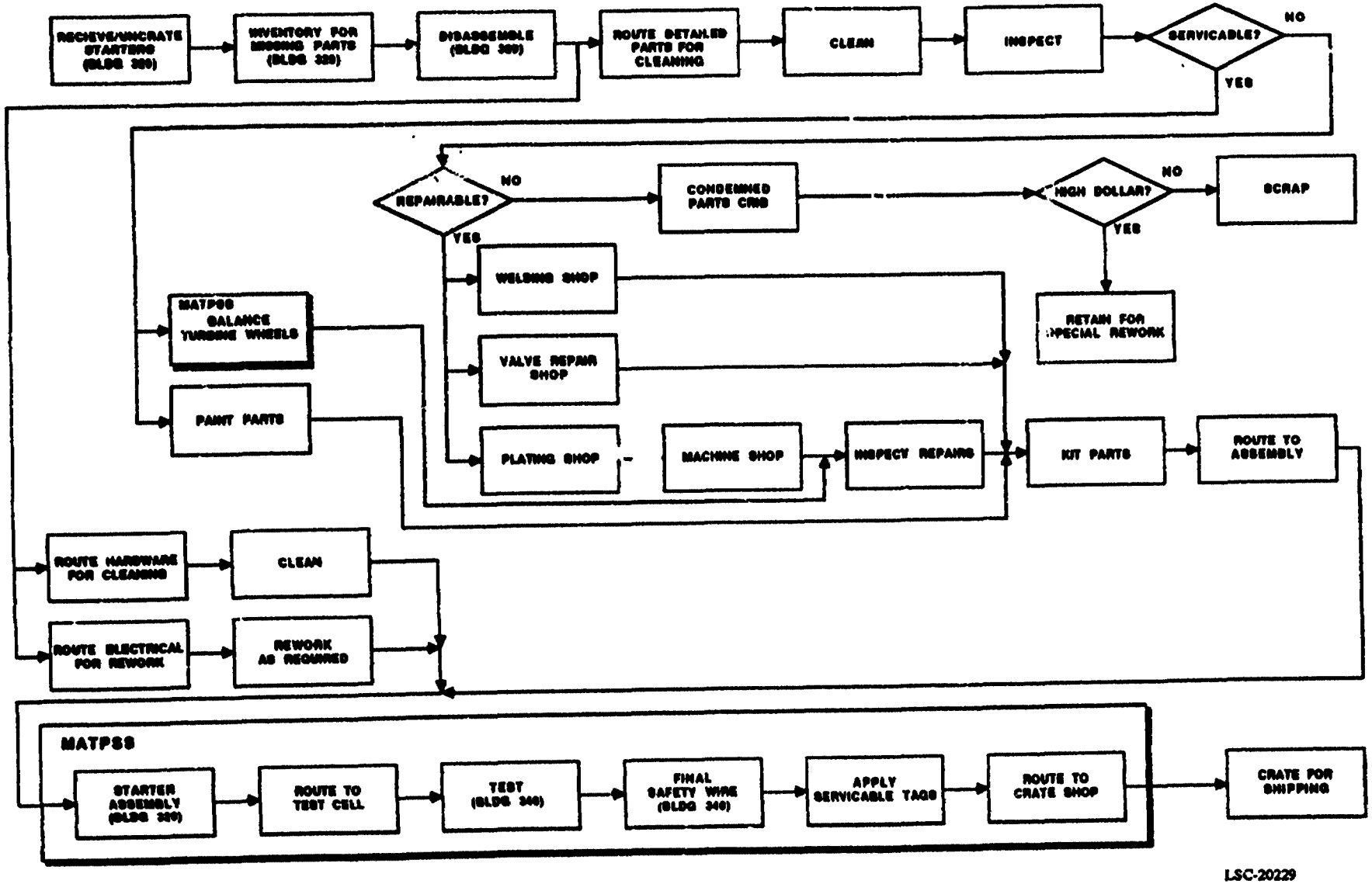
MATERIAL HANDLING IN MATPSS INVOLVES THE USE OF OVERHEAD CRANES, ROLLING STANDS AND MANUAL TRANSPORTATION CARTS.

MINIMUM MOVES WERE OBSERVED DURING THE ASSEMBLY OF THE END ITEMS BEFORE THE ASSEMBLY WORK IS BEING PERFORMED AT A SINGLE LOCATION. THE END ITEMS ARE MOVED BETWEEN THE ASSEMBLY, PAINT AND TEST CELLS ON TRANSPORTATION CARTS BY THE MATPSS MECHANICS.

2.7 STORAGE

MATPSS HAS NO STORAGE AREA, EXCEPT FOR TOOL CABINETS AND PARTS IN QUEUE ON SHELVES WAITING TO BE PROCESSED.

2.8 PROCESS FLOW CHART

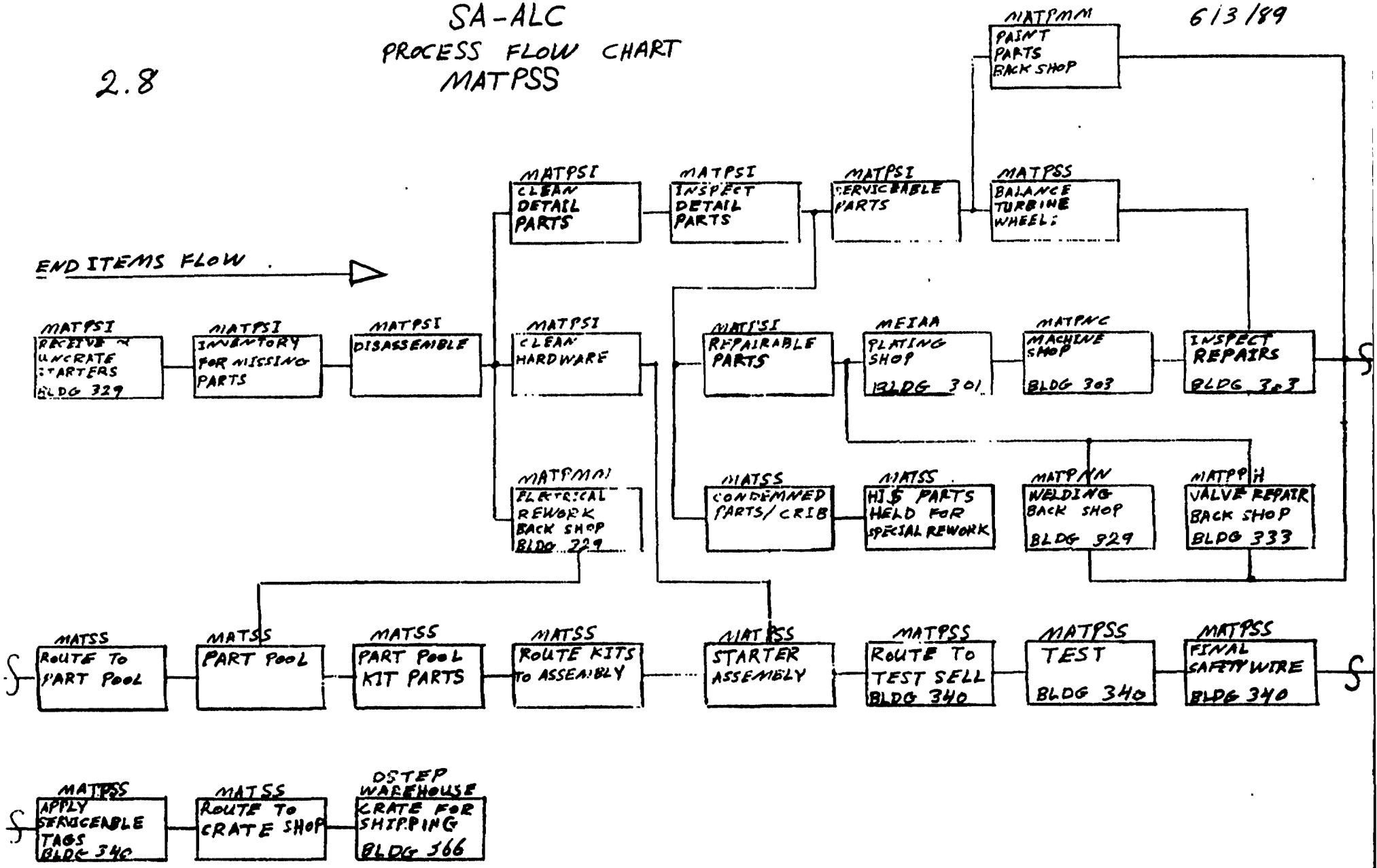


PROCESS FLOW MATPSS

2.8

SA-ALC
PROCESS FLOW CHART
MATPSS

6/3/89

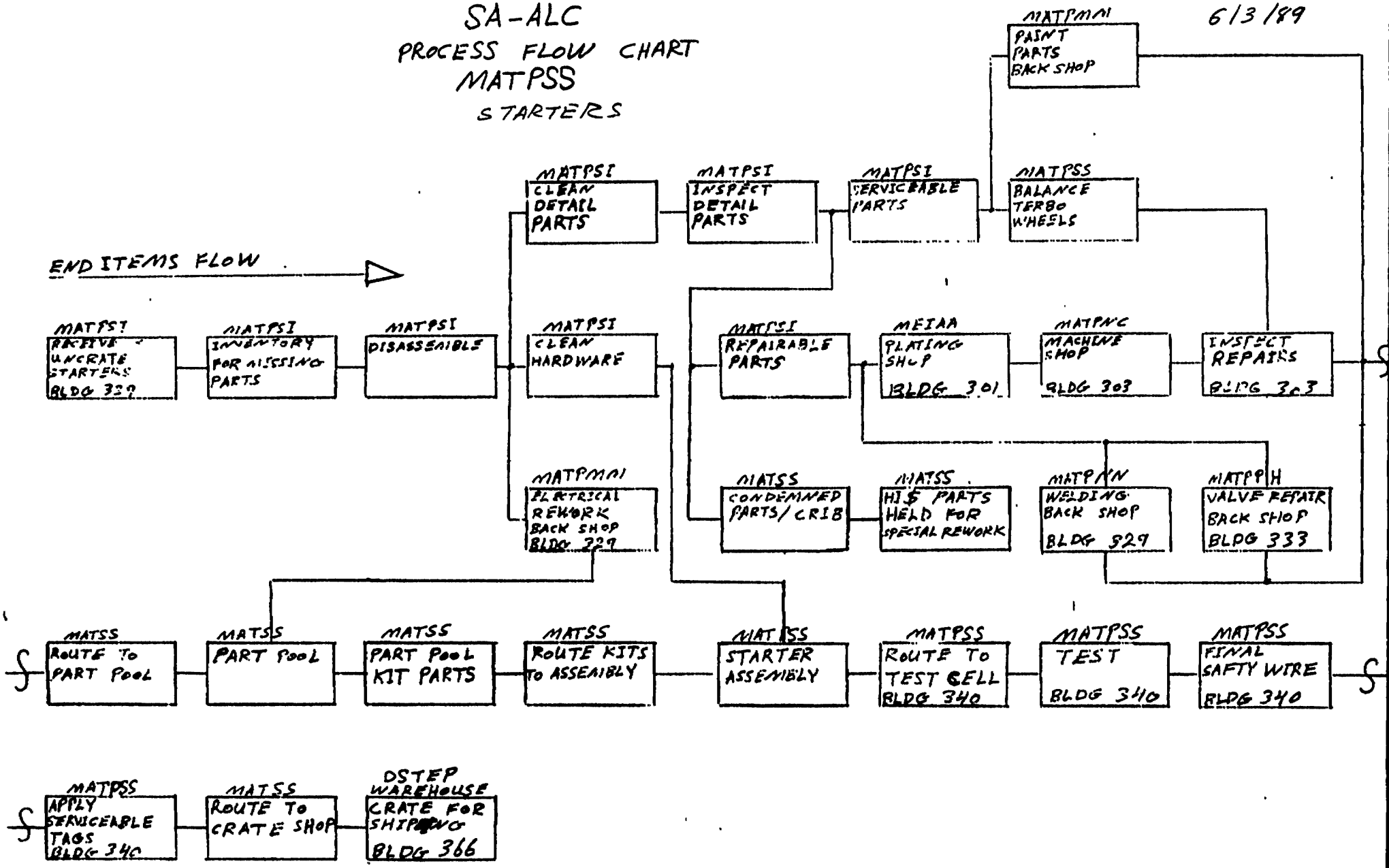


EDWARD GARZA (SA-ALC)
925-4323

KAMAL ATTARIA (MDMSC)

SA-ALC
PROCESS FLOW CHART
MATPSS
STARTERS

6/3/89



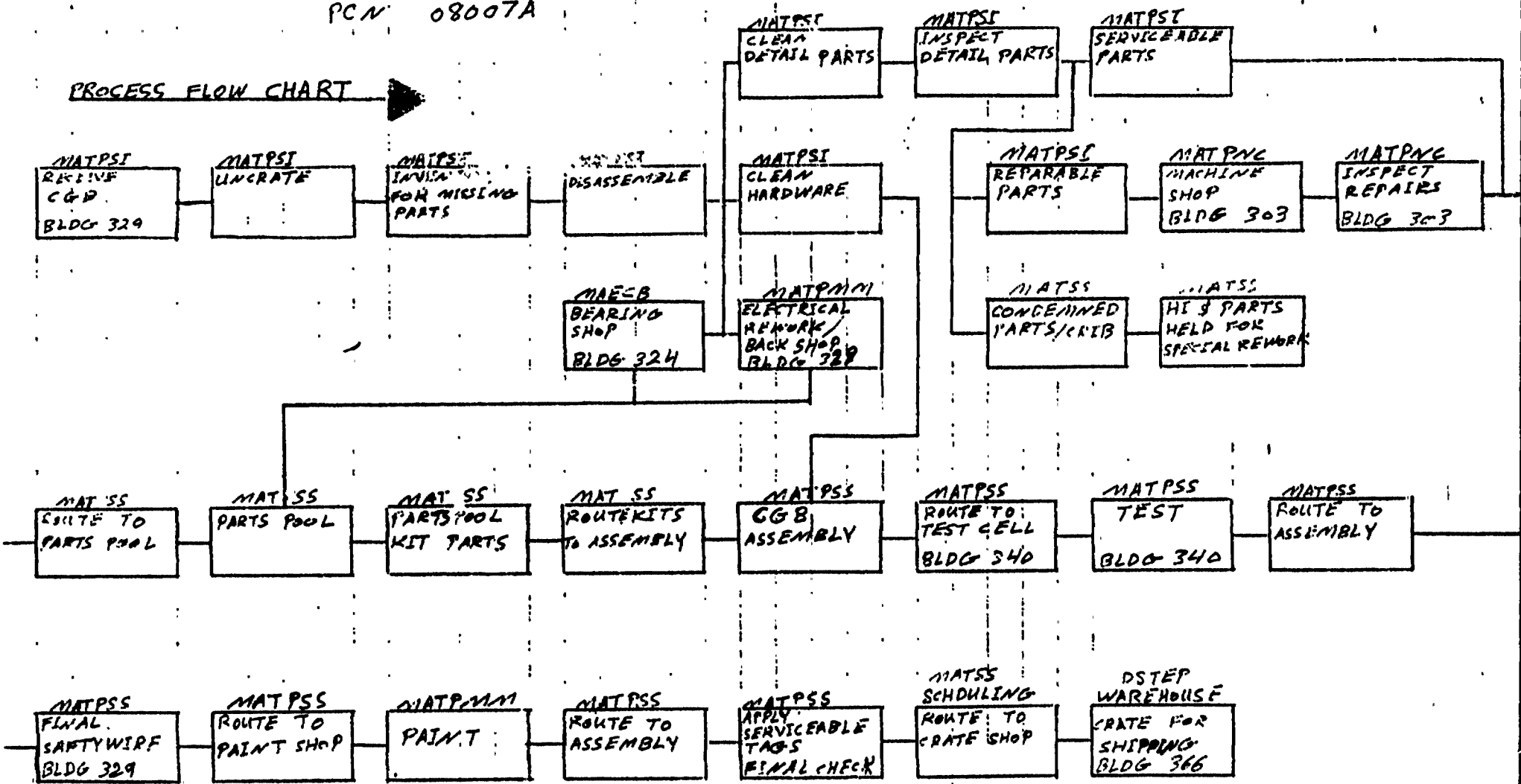
EDWARD GARZA (SA-ALC)
925-4323

KAMAL ATTARIA (MDMSC)

CENTRAL GEAR BOX (CGB)
ASSEMBLY AND DISASSEBLY
PCN 08007A

RCC MATPSS AND MATPSI
BUILDING 329

PROCESS FLOW CHART



EDWARD GARZA (ALC)
[illegible]

KAMAL ATTARIA (MDASC)

AMAD

5/2/89

BLDG 329 MATPSI
RECEIVE AMAD

MATPSI
UNCRATE AMAD

BLDG 329 MATPSI
DISASSEMBLE AMAD

BLDG 329 MATPSI
CLEAN DETAIL PARTS

MATPSI BLDG 329
INSPECT DETAIL PARTS

SERVICEABLE PARTS

REPAIRABLE PARTS TO B/S

E/P REPAIR PART

BLDG 329 MATPSI
INSPECT REPAIR

CONDEMMED PARTS

BLDG 329
H/W PARTS HELD FOR POSSIBLE SPECIAL REWORK

MATPSI
CLEAN HARDWARE BLDG 329

BLDG 329 MATPSS
BALANCE

BLDG 329 MATPSS
PARTS POOL

MATPSS
PARTS POOL KIT PARTS

BLDG 329 MATPSS
KITS DELIVERED TO ASSEMBLY AREA

BLDG 329 MATPSS
ASSEMBLE AMAD

BLDG 329 MATPSS
TEST AMAD

FAILED UNITS REQUIRING MAJOR REPAIR

BLDG 329 MATPSS
FINAL SAFTY WIRE DATA AND NAME PLATE VERIFICATION

BLDG 329 MATPMM
MOVE TO PAINT SHOP

BLDG 329 MATPMM
PAINT AMAD

BLDG 329 MATPSS
APPLY SERVICEABLE TAGS PLACE IN CRATE

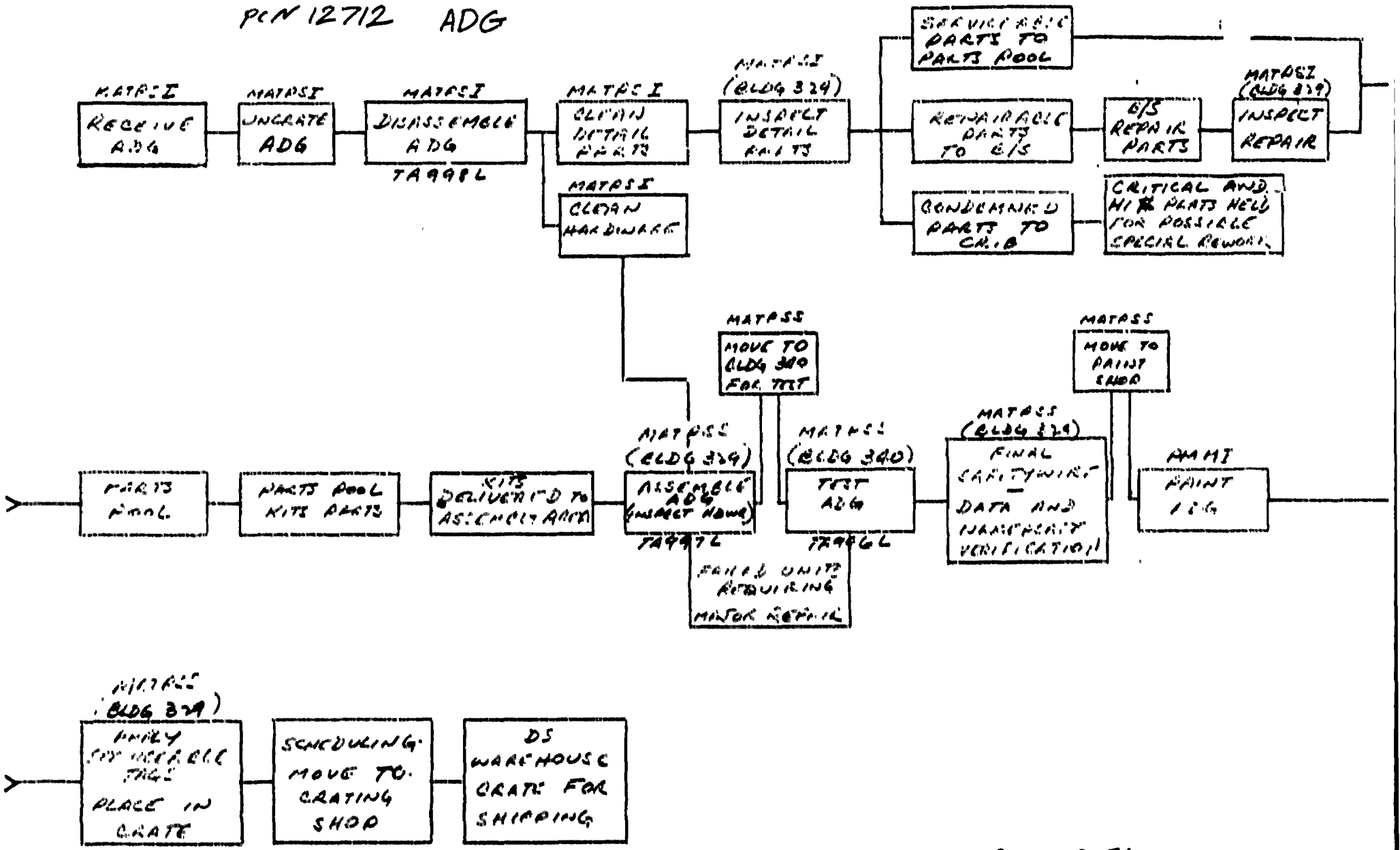
BLDG 329 MATSS
SCHEDULING- MOVE TO CRATING SHOP

DS WAREHOUSE CRATE FOR SHIPPING

PROCESS FLOW CHART
FOR
AMAD

PCN'S ORIGINAL GENESA
RCC MATPST & MATPSI

PCN 12712 ADG

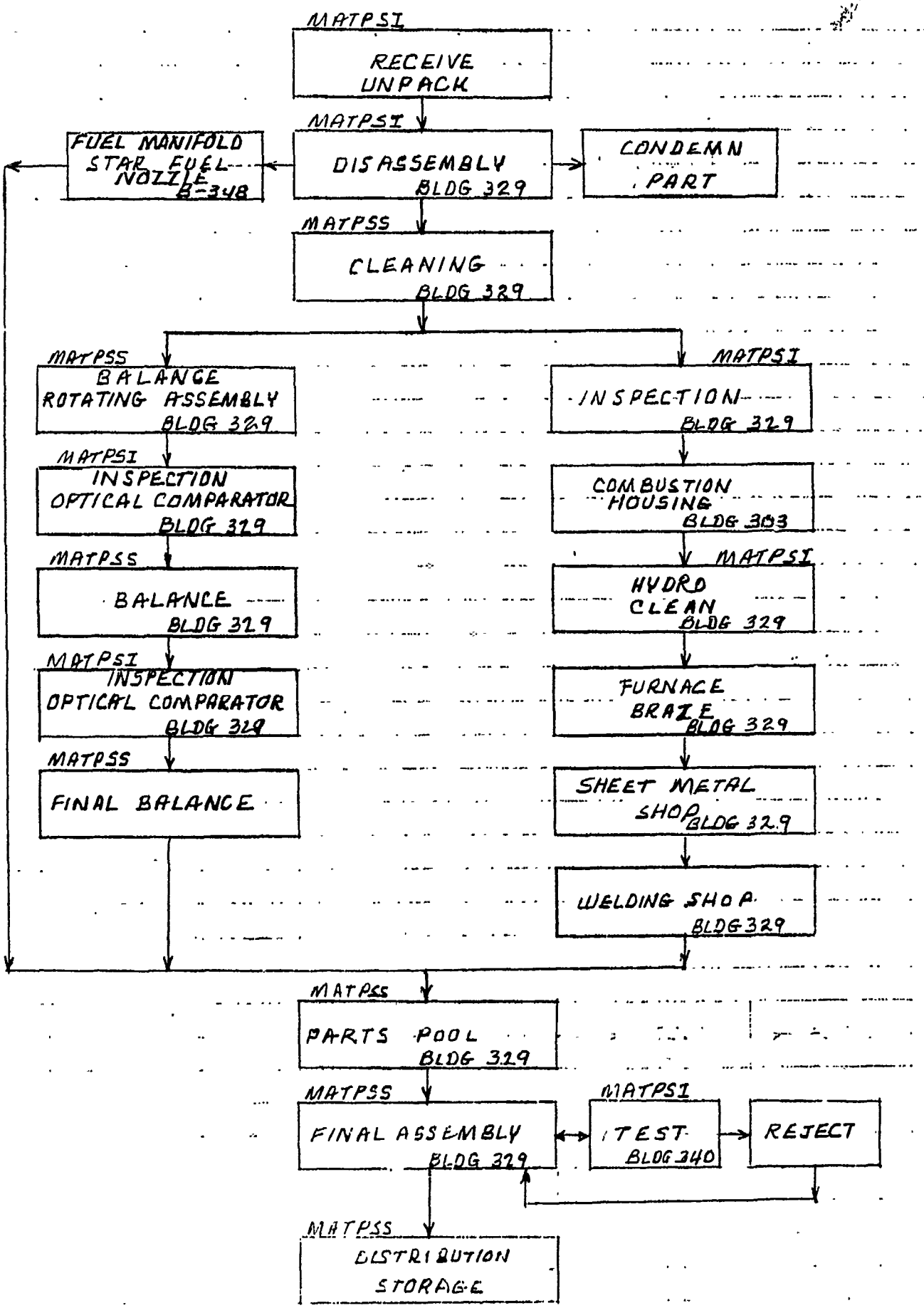


PROCESS FLOW CHART
FOR
ACCESSORY DRIVE GEARBOX
PCN 12712A RCC MATPSS

PROCESS FLOW CHART

F-16 JFS

PCN 13096A



RGR 5-6-89

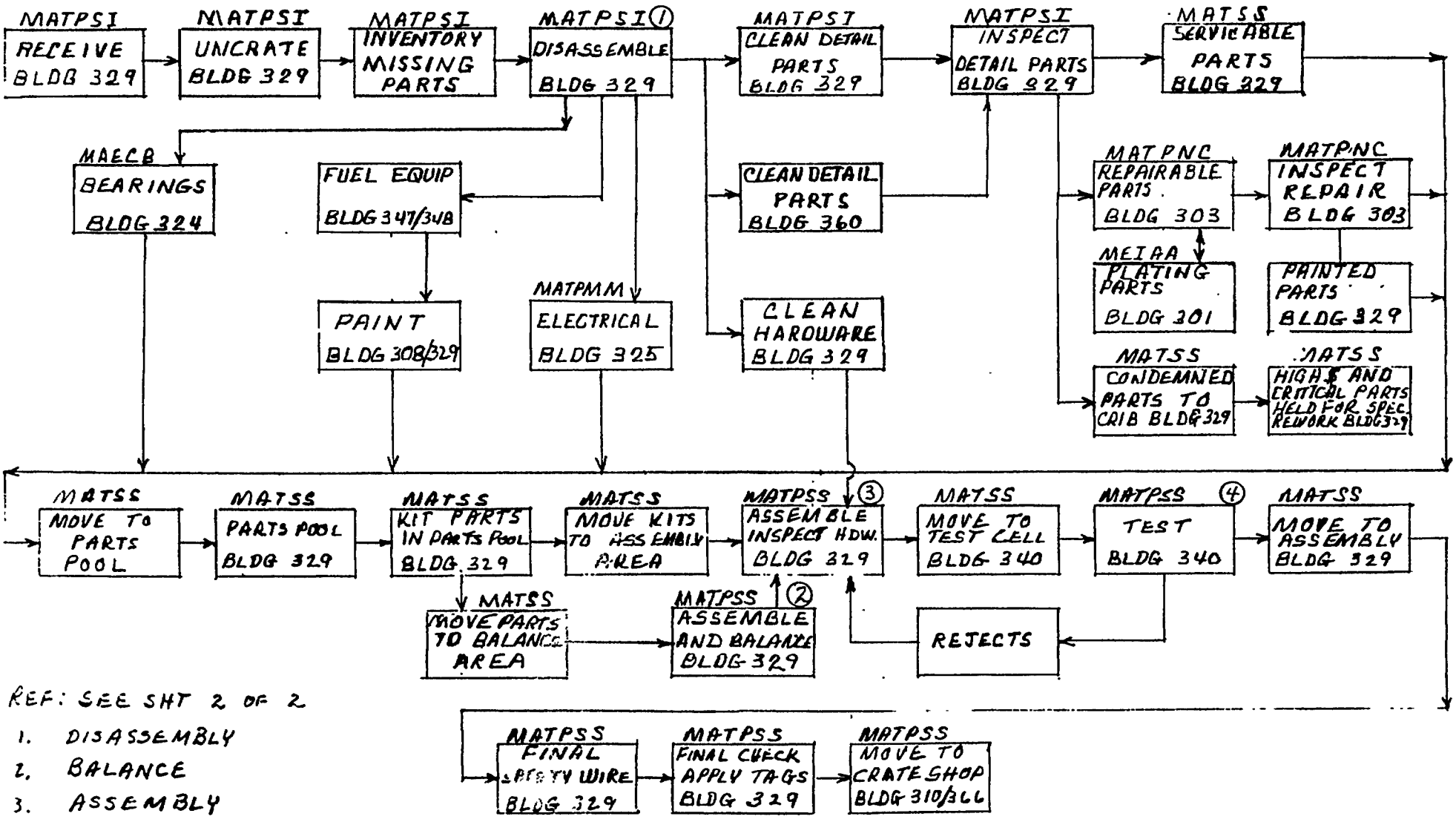
PROCESS FLOW HART

5- -89

SHT 1 OF 2

F-15 JFS PCN 13096 A
F-15 JFS PCN 08006 A

RCC MATPSS



REF: SEE SHT 2 OF 2

1. DISASSEMBLY
2. BALANCE
3. ASSEMBLY
4. TEST

3.0 80/20 WORKLOAD ANALYSIS

AN 80/20 ANALYSIS WAS PERFORMED FOR MATPSS USING INFORMATION CONTAINED IN THE G019C DATA FILE TAPE, BASED ON F.Y. 1988 WORKLOAD. THE TAPE TRACKS THE EARNED HOURS FOR EACH PART CONTROL NUMBER (PCN) FOR THE RESPECTIVE RCC, MATPSS. FROM THE 80/20 ANALYSIS OF MATPSS RCC THE NINE PART CONTROL NUMBERS (REFER TO 2.0) MAKE UP 83.74 PERCENT OF OF THE WORKLOAD FOR ~~RCC~~ MATPSS.

3.1 VALIDATION OF 80/20 ANALYSIS

A SIMPLE CALCULATION WAS USED TO VERIFY THE 80/20 ANALYSIS.

(NO. OF PCN COMPLETED) X (EARNED HOURS/RCC)

= OUTPUT OF 80/20 FOR PCN .

SEE ATTACHED 80/20 LIST FOR MATPSS RCC.

SI

MANAGE... JT OF ITEMS SUBJECT TO REPAIR — 7:27 WEDNESDAY
LISTING OF .MSTR FILE

PS=MTPS

DBS	PCN	ANSN	RMRS	NOUN	ENGR	WSA	UC	ADPSH	FYIR	YTDTIM
2124	08007	2835010346948	OK	CTRLGB	RK	F+15A-TF15A	5109998	833.0	119.0	349027.0
2125	08006	2835010912433	AD	JFSTARTR	OK	F+15A-TF15A	11845000	932.0	345.0	321540.0
2126	12712	2835012355249	LR	A-D-G	ML	F-16 A/B	6489000	1739.0	183.0	318237.0
2127	13096	2835071543533	PE	JFS	ML	F-16	2802280	616.0	221.0	202436.0
2128	08004	2835010207249	YR	LHGB	RK	F+15A-TF15A	3746025	595.0	219.0	130305.0
2129	10718	2995010389092	EG	STARTER	RK	B52	1218000	356.0	340.0	120700.0
2130	04542	2995001727659	EGILL	STARTER	RK	B52G	3335275	256.0	423.0	109568.0
2131	10593	2995010776708	ME	STARTER	RK	F004C	1789500	270.0	282.0	76140.0
2132	08005	2835010881009	YR	RHGB	RK	F-5A-TF15A	1558000	573.0	124.0	71052.0
2133	40721	2995001134562		STARTER		EC135	929558	272.0	233.0	63376.0
2134	10148	2995010363713		STARTER		F4C	2536200	248.0	227.0	56296.0
2135	11064	1650010653500FS		HEATEXCH		F15A B C D	365375	80.0	468.0	37440.0
2136	12199	2995010489580		STARTER		A10	1046480	196.0	153.0	29988.0
2137	10149	2995004921485		STARTER		C141	1258969	170.0	176.0	29920.0
2138	10172	2995003829870		STARTER		F111	4305400	259.0	111.0	28305.0
2139	12351	2995011396642		STARTER		C/KC-135E	3172194	328.0	73.0	23944.0
2140	43134	2995009985303		STARTER		C005A	1405950	232.0	61.0	14152.0
2141	10150	2995003375116		STARTER		C130	630000	173.0	63.0	10899.0
2142	10015	2995008513212		STARTER		F111A	685485	179.0	54.0	9666.0
2143	10147	2995009513466		STARTER		C135	2515908	304.0	18.0	5472.0
2144	10159	2995003375145		STARTER		C130	630000	173.0	30.0	5190.0
2145	10167	2995000512983		STARTER		C135	802558	160.0	28.0	4480.0
2146	10155	2995008569466		STARTER		C135	1103734	162.0	24.0	3888.0
2147	10144	2995009201719		STARTER		C135	1363300	261.0	6.0	1566.0
2148	12235	2835011072202		FAN & AD		F15ACFT	88600.00	22.0	66.0	1452.0
2149	09264	2835010289688		GEN,GAS		F-15	1958367	627.0	2.0	1254.0
2150	10170	2995000199649		CAPBREEC		F4C	70850.00	42.0	21.0	882.0
2151	11652	2995003935338		CHAMBERA		B52H	134171	17.0	42.0	714.0
2152	47573	2995009959481		BREECHCP		F4C	70850.00	23.0	16.0	368.0
2153	11577	2835010387155		LAYSHAFT		F15	133256	68.0	4.0	272.0
2154	11063	1650010732180FS		HEATEXCH		F15A B C D	279100	79.0	3.0	237.0
2155	47580	2995009246480		CAP		F+111	133400	27.0	6.0	162.0
PS										2028928.0

$$\frac{1699005}{2028928} = 83.74\%$$

WORKLOAD DEFINITION MATRIX

PAGE 1 OF
DATE 11/2

ALC LOCATION SAN ANTONIO

GOAL

ICC	WORKLOAD PERCENTAGE %				WORKLOAD DEFINED BY				GFTAPES/S USED				TIME REQUIRED TO REFINE WL	REMARKS
	MSTR	PDM	I	M	MAC STS	ALC STS	BOTH	OTHER	GMAP	GMSC	BOTH	OTHER		
MABPSC		~~10%~~ 8%		~~2%~~ 2%		✓	✓					✓	6 DAYS	WAS MABPMC & MABPMF
MABPSA	60 75	5	35% 20		✓					✓			2.0 HRS	
MABPSB	85	~	15%		✓					✓			2.0 HRS	
MABPSP	60	10	30%		✓					✓			2.0 HRS	
MATPGB	* 100				✓					✓			2.0 HRS	
MATPGG	NOT USED													GFTAPES INCLUDED IN MATPGB
MATPSI	* 100				✓					✓			2.0 HRS	
MATPSS	* 100				✓					✓			2.0 HRS	

* W/L IS A COMBINATION OF MSTR & PROJECT DIRECTIVE (PD) WORK. PD WORK IS TREATED SAME AS MSTR WORK EXCEPT IT IS FUNDED SEPARATELY. FOR OUR PURPOSES IT IS CONSIDERED AS MSTR

MATPGB MSTR 54% PD 46%
SE " 83% " 17%
SS " 98% " 2%

WORKLOAD DEFINITION MATRIX

PAGE 1
DATE 11/22/89

ALC LOCATION SAN ANTONIO

(6041 Norwalk) (5855 GIAT)

RCC	WORKLOAD PERCENTAGE %				WORKLOAD DEFINED BY				GFI TAPES/S USED				TIME RECORDED TO DEFINE WKL	REMARKS
	MSTR	PDW	T	M	MAC SYS	ALC SYS	BOTH	OTHER	GMAL	GMSC	BOTH	OTHER		
MABPSC		80%	20%			✓	✓					✓	6 DAYS	WAS MABPME & MABPMF
MABPSA	60	5	35%		✓					✓			2.0 HRS	
MABPSB	85	~	15%		✓					✓			2.0 HRS	
MABPSP	60	10	30%		✓					✓			2.0 HRS	
MATPGB	* 100				✓					✓			2.0 HRS	
MATPGG	NOT USED												→	GGEASSY INCLUDED IN MATPGB
MATPSI	* 100				✓					✓			2.0 HRS	
MATPSS	* 100				✓					✓			2.0 HRS	

* C/L IS A COMBINATION OF MSTR & PROJECT DIRECTIVE (PD) WORK. PD WORK IS TREATED SAME AS MSTR WORK EXCEPT IT IS FUNDED SEPARATELY. FOR OUR PURPOSES IT IS CONSIDERED AS MSTR.

MATPGB MSTR 54% PD 46%
SE " 83% " 17%
SS " 98% " ~ %

5961

PROFILE SHEET DATA COMPLETION MATRIX

PAGE _____
DATE _____

ALC LOCATION SAN ANTONIO

RCC	WORK CONTROL DOCUMENTS: AVAIL. YES	AVAIL. NO	STORED: WHERE E	P	S	PC	PR	O	HOW LONG (MO): <6	6-12	>12	PROFILE SHEET INTERVIEWS: DATE	NAME	JOB FUNCTION	TIME TO INTERVIEW	TIME TO COMPLETE FORM
MABPSC					✓				✓							
MABPSA	✓				✓				✓			11/16/88	MECHANIC / SUPERVISOR	SAME	17	26
MABPSB	✓				✓				✓			11/14/88	" "	"	22	26
MABPSP	✓				✓				✓			11/17/88	" "	"	4	7
MATPGB	✓				✓				✓			10/26/88	" "	"	80	72
MATPGG	—				—				—			NOT USED.				
MATPSI	✓				✓				✓			10/26/88	" "	"	16	16
MATPSS	✓				✓				✓			10/25/88	" "	"	70	124

WORKLOAD DEFINITION MATRIX

PAGE 1 of
DATE 11/22/88

ALC LOCATION SAN ANTONIO

RCC	WORKLOAD PERCENTAGE %				WORKLOAD DEFINED BY				GFTAPES/S USED				TIME REQUIRED TO DEFINE WKL	REMARKS
	DISTR	PDSS	T	SA	DMAC STS	ALC STS	BOMM	OTHER	COMP.	COMC	BOMM	OTHER		
MABPSC							✓					✓		
MABPSA					✓					✓				
MABPSB					✓					✓				
MABPSP					✓					✓				
MATPGB	100				✓					✓				
MATPG4	NOT USED												→	GREASY INCLUDED IN MATPGB
MATPS1	100				✓					✓				
MATPS3	100				✓					✓				

PROFILE SHEET DATA
COMPLETION MATRIX

PAGE _____ of _____
DATE _____

ALC LOCATION SAN ANTONIO

RCC	WORK CONT DOCUMENTS											PROFILE SHEET INTERVIEWS				
	AVAIL		STORED													
			WHERE						HOW LONG (MO)							
	YES	NO	E	P	S	PC	PR	O	<6	6-12	>12	DATE	NAME	JOB FUNCTION	TIME TO INTERVIEW	REMAINING TIME TO COMPLETE FORM
MABPSC																
MABPSA	✓															
MABPSB	✓															
MABPSP	✓															
MATPGB	✓															
MATPGG	✓															
MATPSI	✓															
MATPSS	✓															

PROFILE SHEET DATA COMPLETION MATRIX

PAGE _____ _____
DATE _____

ALC LOCATION SAN ANTONIO

RCC	WORK CONTROL DOCUMENTS											PROFILE SHEET INTERVIEWS				
	AVAIL		STORED WHERE						HOW LONG (MO)							
	YES	NO	E	P	S	PC	PR	O	<6	6-12	>12	DATE	NAME	JOB FUNCTION	TIME TO INTERVIEW	MRAC TIME TO COMPLETE PDP
MABPSC																
MABPSA	✓															
MABPSB	✓															
MABPSP	✓															
MATPGB	✓															
MATPGG	✓															
MATPSI	✓															
MATPSS	✓															

PROFILE SHEET DATA COMPLETION MATRIX

PAGE _____ _____
DATE _____

ALC LOCATION SAN ANTONIO

RCC	WORK CONTROL DOCUMENTS AVAIL		STORED WHERE						STORED HOW LONG (MO)			PROFILE SHEET INTERVIEWS DATE	NAME	JOB FUNCTION	TIME TO INTERVIEW	MDAC TIME TO COMPLETE FORM
	YES	NO	E	P	S	PC	PR	O	<6	6-12	>12					
MABPSC																
MABPSA	✓															
MABPSB	✓															
MABPSD	✓															
MATPSB	✓															
MATPSG	✓															
MATPSI	✓															
MATPSS	✓															

PROFILE SHEET DATA COMPLETION MATRIX

DATE

ILC LOCATION SAN ANTONIO

RCC	WORK CONTROL DOCUMENTS											PROFILE SHEET INTERVIEWS				
	AVAIL		STORED													
			WHERE						HOW LONG (MO)							
	YES	NO	E	P	S	PC	PR	O	<6	6-12	>12	DATE	NAME	JOB FUNCTION	TIME TO INTERVIEW	MDAC TIME TO COMPLETE FORM
MABPSC																
MABPSA	✓															
MABPSB	✓															
MABPSP	✓															
MATPGB	✓															
MATPGG	✓															
MATPSI	✓															
MATPSS	✓															

NOV 18 '88 8:32 MDAC-MDE L-1011SH HSL PUC

WORKLOAD DEFINITION MATRIX

PAGE 1 OF
DATE 11/22/88

ALC LOCATION SAN ANTONIO

RCC	WORKLOAD PERCENTAGE %				WORKLOAD DEFINED BY				GFTAPES/S USED				TIME REQUIRED TO DEFINE WKL	REMARKS
	MISTR	PDSS	T	M	MDAC SYS	ALC SYS	BOTH	OTHER	CSSCL	CSYSC	BOTH	OTHER		
MABPSC							✓					✓		
MABPSA					✓					✓				
MABPSB					✓					✓				
MABPSP					✓					✓				
MATPGB	100				✓					✓				
MATPGG	NOT USED													GFE ASSY INCLUDED IN MATPGB
MATPSI	100				✓					✓				
MATPSS	100				✓					✓				

NOV 18 '88 8:31 MDAC-MDE C-17/ISH HSL PU4

INSTRUCTIONS

1. WORKLOAD DEFINITION MATRIX

   A. WORKLOAD PERCENTAGE TO BE NUMERICAL UP TO 3 DIGITS
   B. ALL OTHER ENTRIES ARE CHECK MARKS
   C. TIME REQUIRED IN HOURS
   D. ENTER ANY REMARKS YOU FEEL WILL CLARIFY DATA

2. PROFILE SHEET DATA COMPLETION MATRIX

   A. WORK CONTROL DOCUMENT-HEADER
      USE CHECK MARKS IN APPLICABLE COLUMNS

      LEGEND
      E = ENGINEERING
      P = PLANNING
      S = SCHEDULING
      PC = PRODUCTION CONTROL
      PR = PRODUCTION
      O = OTHER (DEFINE IN REMARKS)

   B. PROFILE SHEET INTERVIEW-HEADER

      - JOB FUNCTION - USE CODES SHOWN ABOVE
      - TIME TO INTERVIEW IS 1 ON 1 TIME IN HOURS
      - MDAC TIME TO COMPLETE IS HOURS OVER THE 1 ON 1 INTERVIEW TIME

   C. ADD ANY REMARKS FOR THIS SHEET ON A SEPARATE SHEET.

All Site Leaders'

Please Complete By WED 11/23

And Fax to me.

THANKS

11-18-88.

:J
ormal

18 November 1988

To: All Site Leaders T.O. #1

Attached: Data Collection History Matrix Sheets With Instructions

1. Please complete the attached Matrix Sheets for your ALC per the instructions. Should there be any questions, please call.

These completed Data Sheets will be used to respond to an action item arising from the HQ Program Review on Tuesday, 11-15-88. This action related to our discussion of data consistency, degree of availability, ease of attainment, etc. Our response is due on 12/1/88; therefore, I need these returned by Wednesday, 11/23/88.

Do not attempt to be 100% accurate in your man hour estimates and workload %. Do the best you can from memory, notes and your team members' inputs.

Our goal with the Matrix is to respond to HQ in a consistent format.

PLEASE DO NOT REVIEW THE DATA WITH ALC PERSONNEL.

Additional information that would be helpful.

Are you aware of any ALC functional area that is maintaining their own data bases manually or on PC's outside the recognized system? If so, where?

2. Be sure to record in your notebook those areas where you perceive "Quick Fixes" and "Future Focus Study Recommendations" so that our reports can be quickly assembled upon return to St. Louis.

Thanks! Keep up the good work. Our progress looks good. A Happy Thanksgiving to both You and Your Families!

Jerry

0011P/1

TO: E. R. Morey

COMPANY: c/o La Quinta

LOCATION: Lockland, TX

PHONE NO:

FAX NO.: 512 - 673 - 5918

CONFIRMATION:

FROM: Jerry Nuell

LOCATION: MDAC Bldg 92-2E Ext: 314-925-

FAX NO.: 314-925-3691

CONFIRMATION NO. CALL ADDRESSEE

NUMBER OF PAGES: LEAD + 4

DATE: 11/18/88 TIME OUT:

McDONNELL DOUGLAS CORPORATION

		MECH / FOREMAN		
SA	11/16	J. SANCHEZ / J. ESQUIVEL	3 ~~25~~ HR	4 HRS
	11/16	LD MAN	6	6
	11/16	MECHANIC	3	6
	11/16	"	2	2
	11/18	"	3	8
			17	26

SB	11/14	CHRIS DOUALINA / A. VERDUZCO	8 HRS	14 HRS
	11/16	GREG BARRIOS / E. CORTEZ	2	4
	11/15	MECHANIC	3	5
	11/15	"	4	6
	11/17	"	1	3
	11/17	"	4 / 22	8 / 26
SP	11/17	MECHANIC	1	1
	11/7	"	1	2
	11/17	SUPERVISOR	2	4
	10/28	MECHANIC	4	8
	11/2	SUPERVISOR	2	4
SS	10/26	DAND HIGHSMITH / Y. RIOS	14	20
	11/7	PETE CANTU / MARGARET JAMES	2	4
	10/27	LUDY GUEVARA / JOE VILLARREAL	16	8
	10/25	HARPO	8	20
	11/2	PLANNER	4	8
	11/8	PLANNER	4	8
	11/9	PLANNER	6	12
	10/29	PLANNER	12 / 70	32 / 124
SI	10/26	JULIO AYALA / DAN HAYWARD EMILIO CERVANTES / HENRY HALL MARGARET LITTLE	16	16

GB	11/1	BRENT CASTLE/FELIO AYALA HENRY HALL MARGARET LITTLE	24	16
	11/1	"	24	16
	10/26	PLANNER/MECHANICS	16	24
	10/26	MECHANICS	16	16
			80	72

4.0 DATA COLLECTION

SEVERAL DIFFERENT PROFILE DATA SHEETS WERE MADE AVAILABLE TO THE WORKING GROUP AT THE SITE FOR COLLECTION OF DATA.

THE DATA COLLECTED FROM MATPSS WAS FROM SHOP INTERVIEWS WITH THE SHOP FOREMEN PLANNERS, WORKLEADERS, MECHANICS, TESTERS AND FROM APPROPRIATE ALC PERSONNEL.

DATA HAS BEEN REGISTERED IN RESPECTIVE PROFILE SHEETS FOR THE MATPSS RCC PCN'S.

EXAMPLES OF THESE PROFILE SHEETS AND THEIR RESPECTIVE INSTRUCTIONS ON HOW TO PROPERLY FILL OUT THESE PROFILE SHEETS ARE ATTACHED.

AFLC TECHNOLOGY INSERTION PROGRAM

PROFILE AND INSTRUCTION MASTERS

APRIL 1, 1989

PLEASE FORWARD ANY QUESTIONS, COMMENTS OR REVISION REQUESTS TO C. GONZALES AT (314) 925-5395.

AFLC TECHNOLOGY INSERTION PROGRAM
"IN" AND "OUT" DATES INSTRUCTIONS

IN ORDER TO CAPTURE THE FLOW TIME ENCOUNTERED AT THE BEGINNING OF A PROCESS, (THE TME BETWEEN WHEN AN RCC TAKES POSSESSION OF AN ITEM AND THE END OF THE FIRST OPERATION), AN OPERATION MUST BE ADDED TO THE OPERATION PROFILE. THIS WILL BE THE FIRST OPERATION, DESIGNATED AS OPERATION NUMBER "IN".

IN ORDER TO CAPTURE THE FLOW TIME ENCOUNTERED AT THE END OF A PROCESS, (THE TIME BETWEEN THE END OF THE LAST OPERATION AND THE TIME THE POSSESSION OF THE ITEM IS TRANSFERRED FROM THE RCC), AND OPERATION MUST BE ADDED TO THE OPERATION PROFILE. THIS WILL BE THE LAST OPERATION, DESIGNATED AS OPERATION "9999".

THIS DATA WILL BE ADDED (OPERATIONS "IN" AND "9999") TO EACH OPERATION PROFILE FOR EACH ITEM NUMBER. THE MANDATORY OCCURRENCE FACTOR FOR THESE OPERATIONS WILL ALWAYS BE 1.00. THE MANDATORY FLOW TIME WILL BE DETERMINED BY INTERVIEW. IF THE ALC ENGINEER ASSIGNED TO THE TI TEAM DETERMINES THAT MORE ACCURATE DATA IS AVAILABLE, THIS DATA CAN BE SUBSTITUTED.

THESE OPERATIONS WILL BE TRANSFERRED FROM THE OPERATION PROFILES TO THE LOTUS INPUT USING THE "IN" AND "9999" OPERATION NUMBERS.

THE OPERATION PROFILES PREVIOUSLY GATHERED MUST BE MODIFIED TO INCLUDE OPERATION NUMBERS "IN" AND "9999" AND THE DATA GATHERED. THIS WILL BE ACCOMPLISHED BY WRITING IN THE DATA WHILE GATHERING OTHER SUPPLIMENTARY DATA.

THIS INFORMATION MUST ALSO BE INCLUDED IN THE WCD HISTORY COLLECTION SYSTEM. WHEN BUILDING A MASTER FILE, ADD "IN" AS THE FIRST OPERATION AND "9999" AS THE LAST OPERATION FOR EACH MASTER. THE DATES TO BE ENTERED ON THE WCD DETAIL FILES CAN BE FOUND ON THE STAMPED WCD OR ON ACCOMPANYING DOCUMENTATION.

FOR WCD HISTORY ALREADY COLLECTED, THE "IN" AND "9999" DATA CAN BE COLLECTED ON "IN" DATE PROFILE AND THE "OUT" DATE PROFILE. THIS WILL BE ACCOMPLISHED BY SAMPLING ARCHIVED WCDS FOR ITEMS WHICH ALREADY HAVE HISTORY RESIDENT ON THE WCD HISTORY COLLECTION SYSTEM.

AFLC TECHNOLOGY INSERTION PROGRAM
"IN" AND "OUT" DATES INSTRUCTIONS (CONTINUED)

SITE LEADERS, PLEASE ATTACH A COPY OF THESE INSTRUCTIONS TO THE DOCUMENTATION FOR THE WCD HISTORY DATA SYSTEM, THE MASTER PROFILE PROGRAM GUIDE, AND THE OPERATION PROFILE INSTRUCTIONS.

ANY QUESTIONS ON THESE PROCEDURE WILL BE ANSWERED BY C. GONZALES. CONTACT THROUGH ST. LOUIS OFFICE (314) 925-5395.

"IN" DATE PROFILE

NAME _____ ALC _____ DATE _____ RCC _____ SHEET ____ OF ____

PCN
NSN
PIN _____ PARENT WCD _____ PARENT WCD DATE _____

OBSERVATION NUMBER	"IN" DATE (SCHEDULED DATE)	FIRST OPERATION (DATE)	Δ TIME (DAYS)

NOTE: "IN" DATE IS THE DATE THAT SCHEDULING ENTERS IN BLOCK 5 OF WCD OR DATE THAT SCHEDULING ATTACHES A WCD TO AN ASSET TO BE WORKED.

LSC-20107A

"OUT" DATE PROFILE

NAME _____ ALC _____ DATE ____ _____ RCC _____ SHEET ____ OF ____

PCN
NSN
P/N _____ PARENT WCD _____ PARENT WCD DATE _____

OBSERVATION NUMBER	LAST OPERATION (COMPLETION DATE)	"OUT" DATE (SCHEDULING SELL DATE)	Δ TIME (DAYS)

NOTE: "OUT" DATE IS THE DATE SCHEDULING PROCESSES THE ASSET FOR MOVEMENT FROM THE RCC.

LSC-20108A

AFLC TECHNOLOGY INSERTION PROGRAM
OPERATION PROFILE INSTRUCTIONS

DATA ITEM	DESCRIPTION	SOURCE
NAME	NAME OF PERSON COLLECTING DATA	—
ALC	NAME OF ALC WHERE THIS DATA IS COLLECTED	SM = McCLELLAN AIR BASE OC = TINKER AIR BASE SA = KELLY AIR BASE WR = WARNER ROBINS AIR BASE OO = HILL AIR BASE
DATE	START DATE OF DATA COLLECTION	—
RCC	NAME OF RCC WHERE THIS DATA IS COLLECTED (6 CHARACTERS)	—
ITEM CODE	LIST ONLY ONE ITEM CODE FROM THE FOLLOWING: PCN = PRODUCTION CONTROL NO. NSN = NATIONAL STOCK NO. P/N = PART NO. SHOULD BE SAME ITEM CODE AS ON 80/20 LISTING (18 CHARACTERS) CIRCLE ITEM CODE USED.	• 80/20 LISTING • ITEM 14, 15 OR 16 OF WCD • G037E (PDM) • FORM 206 (T&M)
WCD	NAME/NUMBER OF WORK CONTROL DOCUMENT (THE PRESENT WCD IN USE BY PRODUCTION) (8 CHARACTERS)	• TOP LEFT CORNER OF THE 1ST PAGE OF THE WCD. • G037E WCD (PDM) • FORM 206 (T&M)
WCD DATE	WORK CONTROL DOCUMENT REVISION DATE (6 CHARACTERS)	• ITEM NO. 1 OF WCD. • G037E • FORM 206 PLAN DATE
OPERATION NO.	A THREE DIGIT NUMBER THAT SEQUENCE THE STEPS OF WORK BEING PERFORMED AS LISTED IN WCD (4 CHARACTERS). FROM 1 TO 4 NUMERIC DIGITS OR 1 TO 3 NUMERIC DIGITS WITH ONE ALPHA CHARACTER, RIGHT JUSTIFIED. DO NOT ENTER LEADING ZEROS. (ex. ENTER 10, NOT 010).	LISTED IN COLUMNS UNDER ITEM 19 OF WCD.

AFLC TECHNOLOGY INSERTION PROGRAM
OPERATION PROFILE INSTRUCTIONS (CONTINUED)

DATA ITEM	DESCRIPTION	SOURCE
RCC	ENTER RCC NAME FOR THAT OPERATION. IF THIS RCC NAME IS NOT THE PRIMARY RCC, THE OPERATION WILL BE A BACK SHOP OPERATION. IF BACK SHOP, ENTER ONLY MANDATORY OCCURRENCE FACTOR AND MANDATORY FLOW HOURS. (6 CHARACTERS)	RCC WILL BE LISTED UNDER THE OPERATION NO. IN COLUMN 19 OF WCD.
OPERATION DESCRIPTION	ENTER AN ABBREVIATED DESCRIPTION OF WORK BEING PERFORMED. LIMIT FOUR CHARACTERS. USE THE FOLLOWING ABBREVIATIONS AND CREATE ADDITIONAL ABBREVIATIONS AS REQUIRED.	ITEM 20 OF WCD

ABBREVIATION	DESCRIPTION
ASSY	ASSEMBLY
DIS	DISASSEMBLY
NDI	NON-DESTRUCTIVE INSPECTION
MOVE	TRAVEL BETWEEN OPERATIONS
PROC	PROCESS OPERATION
REP	REPAIR
REPL	REPLACE
MFG	MANUFACTURE
LOAD	LOAD
UNLD	UNLOAD
TEST	TEST
INSP	INSPECTION
REC	RECEIVE OF ITEM
SHIP	SHIPMENT OF ITEM
INFO	INFORMATION
MACH	MACHINING
CLN	CLEAN
IND	INDUCTION
SELL	SELL DATE

AFLC TECHNOLOGY INSERTION PROGRAM
OPERATION PROFILE INSTRUCTIONS (CONTINUED)

DATA ITEM	DESCRIPTION	SOURCE
MANDATORY OCCURRENCE FACTOR	ENTER MANDATORY OCCURANCE FACTOR FOR ALL THE OPERATIONS. (4 CHARACTERS, UP TO 3 DECIMAL PLACES)	INTERVIEWEE
OPERATION TYPE TRANSIT (T) SETUP (S) PROCESS (P)	TRANSIT - THE MOVEMENT BETWEEN OPERATIONS. SETUP - MAKING READY OR PREPARING FOR THE PERFORMANCE OF A JOB OR OPERATION. MACHINE SETUP INVOLVES EQUIPING A MACHINE WITH APPROPRIATE ACCESSORIES, TOOLS AND FIXTURES, SETING THE PROPER FEED, SPEED AND DEPTH OF CUT AND SO FORTH. IN MANUAL WORK, SETUP IS THE ARRANGEMENT PRIOR TO COMMENCING THE WORK, OF THE TOOLS, ACCESSORIES, COMPONENT PARTS AND DETAILS INVOLVED. IT ALSO INCLUDES THE TEARDOWN TO RETURN THE MACHINE OR WORK AREA TO ITS ORIGINAL OR NORMAL CONDITION. PROCESS - ACTUAL WORK PERFORMED ON THE ITEM. A PLANNED SERIES OF ACTIONS WHICH ADVANCES A MATERIAL OR PROCEDURE FROM ONE STAGE OF COMPLETION TO ANOTHER.	INTERVIEWEE
MANDATORY FLOW HOURS	MANDATORY FLOW HOURS REQUIRED TO COMPLETE AN OPERATION (INCLUDE TRANSIT TIME) (i.e., WAITING 24 HOURS MINIMUM FOR SEALANT TO CURE. (5 CHARACTERS WITH ONE DECIMAL PLACE) ALL BACK SHOP OPERATIONS MUST HAVE FLOW HOURS. IF THE TIMES ARE CONSTANT, ENTER WITHOUT A PERCENT. IF THE TIMES ARE VARIABLE DUE TO A CHANGING LEVEL OF EFFORT, ENTER VARIABLE TIMES WITH A PERCENT. SEE EXAMPLE FOR TIME REQUIRED.	INTERVIEWEE
SKILL CODE/LEVEL	INDICATE THE SKILL CODE/LEVEL REQUIRED TO PERFORM THE OPERATION (8 CHARACTERS) (i.e., SHEET METAL MECHANIC - SA WG 10 ENTER SA10)	INTERVIEWEE/ SUPERVISOR

AFLC TECHNOLOGY INSERTION PROGRAM
OPERATION PROFILE INSTRUCTIONS (CONTINUED)

DATA ITEM	DESCRIPTION	SOURCE
QTY	QUANTITY OF MANPOWER AT THE SKILL CODE/LEVEL REQUIRED TO PERFORM THE OPERATION (3 CHARACTERS)	INTERVIEWEE
TIME REQUIRED	THE TIME MANPOWER IS REQUIRED TO PERFORM THE OPERATION. IF THE TIMES ARE CONSTANT, ENTER TIME WITHOUT A PERCENT. IF THE TIMES ARE VARIABLE DUE TO A CHANGING LEVEL OF EFFORT, ENTER VARIABLE TIMES WITH A PERCENT. IF AN OPERATION IS PERFORMED : 20% OF THE TIME IN 1 HOUR 80% OF THE TIME IN 2 HOURS ENTER: TIME % / REQUIRED HRS 20 / 1.0 80 / 2.3 (5 CHARACTERS MAX. WITH ONE DECIMAL PLACE). TRIANGULAR DISTRIBUTIONS MAY ALSO BE USED, SUCH AS: MIN. 4.0 MAX. 10.0 MEAN 6.0	INTERVIEWEE
EQUIPMENT CODE	ENTER ALPHANUMERIC CODE OF EQUIPMENT NEEDED TO PERFORM THE OPERATION. USE ALC CODES AND SHORTEN TO 8 CHARACTERS. THIS CODE WILL ALSO BE USED ON THE EQUIPMENT PROFILE SHEET. (8 CHARACTERS)	INTERVIEWEE LOCATION OF EQUIP. EQUIPMENT LIST
QTY	INDICATE THE QUANTITY OF EQUIPMENT NEEDED TO PERFORM OPERATION (3 CHARACTERS)	INTERVIEWEE
TIME REQUIRED	SEE TIME REQUIRED FOR MANPOWER	INTERVIEWEE
DATA SOURCE	PLEASE INDICATE THE SOURCE OF INFORMATION (i.e., PERSONNEL DATABASE, PAPER REPORT) ALSO LIST ANY PECULIARITIES ASSOCIATED WITH AN OPERATION NUMBER.	INTERVIEWEE

OPERATIC...PROFILE

NAME _____ ALC _____ DATE _____ RCC _____ SHEET ___ OF ___

PCN
NSN
P/N _____ WCD _____ WCD DATE _____

OPERATION NUMBER	RCC	OPERATION DESCRIPTION	MANDATORY OCCURRENCE FACTOR	OPERATION TYPE	MANDATORY FLOW HOURS		MANPOWER				EQUIPMENT				DATA SOURCE COMMENTS
					%	HRS.	SKILL CODE/ LEVEL	QTY.	TIME REQUIRED %	TIME REQUIRED HRS.	EQUIPMENT CODE	QTY.	TIME REQUIRED %	TIME REQUIRED HRS.	
				TRANSIT											
				SETUP											
				PROCESS											
				TRANSIT											
				SETUP											
				PROCESS											
				TRANSIT											
				SETUP											
				PROCESS											
				TRANSIT											
				SETUP											
				PROCESS											
				TRANSIT											
				SETUP											
				PROCESS											

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AFLC TECHNOLOGY INSERTION PROGRAM
PARALLEL PROCESS PROFILE INSTRUCTIONS

DATA ITEM	DESCRIPTION	SOURCE
NAME	NAME OF PERSON COLLECTING DATA	—
ALC	NAME OF ALC WHERE THIS DATA IS COLLECTED	SM = McCLELLAN AIR BASE OC = TINKER AIR BASE SA = KELLY AIR BASE WR = WARNER ROBINS AIR BASE OO = HILL AIR BASE
DATE	START DATE OF DATA COLLECTION	—
RCC	NAME OF RCC WHERE THIS DATA IS COLLECTED (6 CHARACTERS)	—
ITEM CODE	LIST ONLY ONE ITEM CODE FROM THE FOLLOWING: PCN = PRODUCTION CONTROL NO. NSN = NATIONAL STOCK NO. P/N = PART NO. SHOULD BE SAME ITEM CODE AS ON 80/20 LISTING (18 CHARACTERS) CIRCLE ITEM CODE USED.	• 80/20 LISTING • ITEM 14, 15 OR 16 OF WCD • G037E (PDM) • FORM 206 (T&M)
PARENT WCD	NAME/NUMBER OF WORK CONTROL DOCUMENT (THE PRESENT WCD IN USE BY PRODUCTION) (8 CHARACTERS)	• TOP LEFT CORNER OF THE 1ST PAGE OF THE WCD. • G037E WCD (PDM) • FORM 206 (T&M)
PARENT WCD DATE	WORK CONTROL DOCUMENT REVISION DATE (6 CHARACTERS)	• ITEM NO. 1 OF WCD. • G037E • FORM 206 PLAN DATE
BEGINNING OPERATION NO.	A THREE DIGIT OPERATION NUMBER IN THE PARENT WCD, WHICH REPRESENTS THE START OF A PARALLEL PROCESS. THE PARALLEL PROCESS WILL BEGIN AT THE END TIME OF THE "BEGINNING OPERATION".	LISTED IN COLUMNS UNDER ITEM 19 OF WCD.

AFLC TECHNOLOGY INSERTION PROGRAM
PARALLEL PROCESS PROFILE INSTRUCTIONS (CONTINUED)

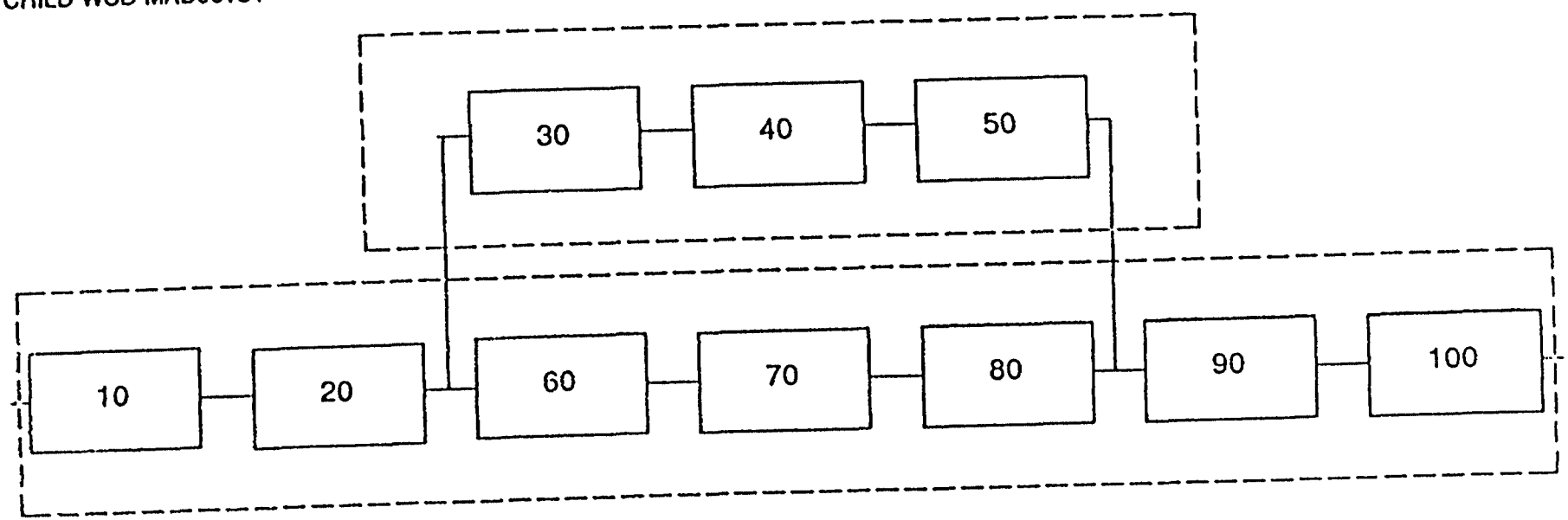
DATA ITEM	DESCRIPTION	SOURCE
ENDING OPERATION NO.	THE THREE DIGIT OPERATION NUMBER IN THE PARENT WCD, WHICH REPRESENTS THE END OF THE PARALLEL PROCESSING.	LISTED IN COLUMNS UNDER ITEM 19 OF WCD.
CHILD PROCESS INFORMATION		
• ITEM NUMBER	SAME AS ITEM CODE DESCRIPTION WHEN CHILD HARDWARE HAS A SEPARATE WCD. THIS ITEM NUMBER AND WCD MUST BE ENTERED ON THE WORKLOAD PROFILE.	---
	WHEN NO SEPARATE WCD IS PROVIDED - DEVELOP AN ITEM NO. BY USING THE PARENT'S ITEM CODE NO. FOLLOWED BY A SLASH AND S1 (FIRST SUB-COMPONENT) i.e., 1111A/S1	---
• CHILD WCD	USE THE GIVEN WCD NAME/NUMBER WHEN A WCD IS PROVIDED FOR A GIVEN CHILD.	---
	WHEN NO SEPARATE WCD IS PROVIDED - DEVELOP A WCD NAME/NUMBER BY USING A RE-ABBREVIATED SUFFIX OF THE ITEM NUMBER. i.e., ITEM NO. = 1111A/S1 (CHILD WCD = SUB 1) (8 CHARACTER)	---
• CHILD WCD DATE	USE THE GIVEN WCD DATE WHEN A WORK CONTROL DOCUMENT IS PROVIDED.	---
	WHEN NO SEPARATE WCD IS PROVIDED - USE WCD DATE OF PARENT.	---

AFLC TECHNOLOGY INSERTION PROGRAM
PARALLEL PROCESS PROFILE INSTRUCTIONS (CONTINUED)

IN THIS EXAMPLE, OPERATIONS 30, 40 AND 50 ARE BEING
PROCESSED IN PARALLEL WITH OPERATIONS 60, 70 AND 80.
THE BEGINNING OPERATION NUMBER IS 20.
THE ENDING OPERATION NUMBER IS 90.

CHILD ITEM NUMBER 1111A/S1
CHILD WCD MAD001S1

CHILD WCD



PARENT WCD

PARENT ITEM NO. 11111A
PARENT WCD MAD001

PARALLEL PRO_ESS PROFILE

NAME _____ ALC _____ DATE _____ RCC _____ SHEET ____ OF ____

ITEM NUMBER	PARENT WCD	PARENT WCD DATE	BEGINNING OPERATION NUMBER	ENDING OPERATION NUMBER	CHILD PROCESS INFORMATION		
					ITEM NUMBER	CHILD WCD	CHILD WCD DATE
PCN NSN P/N					PCN NSN P/N		
PCN NSN P/N					PCN NSN P/N		
PCN NSN P/N					PCN NSN P/N		
PCN NSN P/N					PCN NSN P/N		
PCN NSN P/N					PCN NSN P/N		
PCN NSN P/N					PCN NSN P/N		
PCN NSN P/N					PCN NSN P/N		
PCN NSN P/N					PCN NSN P/N		
PCN NSN P/N					PCN NSN P/N		
PCN NSN P/N					PCN NSN P/N		
PCN NSN P/N					PCN NSN P/N		
PCN NSN P/N					PCN NSN P/N		

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AFLC TECHNOLOGY INSERTION PROGRAM
DISASSEMBLY/ASSEMBLY PROFILE INSTRUCTIONS

DATA ITEM	DESCRIPTION	SOURCE
NAME	NAME OF PERSON COLLECTING DATA	—
ALC	NAME OF ALC WHERE THIS DATA IS COLLECTED	SM = McCLELLAN AIR BASE OC = TINKER AIR BASE SA = KELLY AIR BASE WR = WARNER ROBINS AIR BASE OO = HILL AIR BASE
DATE	START DATE OF DATA COLLECTION	—
RCC	NAME OF RCC WHERE THIS DATA IS COLLECTED (6 CHARACTERS)	—
ITEM CODE	LIST ONLY ONE ITEM CODE FROM THE FOLLOWING: PCN = PRODUCTION CONTROL NO. NSN = NATIONAL STOCK NO. P/N = PART NO. SAME AS ON OPERATION PROFILE SHEET AND 80/20 LISTING.	
WCD	NAME/NUMBER OF WCD (SAME AS ON OPERATION PROFILE SHEET)	
WCD DATE	REVISION DATA OF WCD (SAME AS ON OPERATION PROFILE SHEET).	
REMOVAL OPERATION NUMBER	THE OPERATION NUMBER OF THE WCD IN WHICH A PART IS DISASSEMBLED OR REMOVED. REMOVAL OCCURS AT THE END OF AN OPERATION.	WCD - INTERVIEW
INSTALLATION OPERATION NUMBER	THE OPERATION NUMBER OF THE WCD IN WHICH A PART IS ASSEMBLED OR INSTALLED. INSTALLATION OCCURS AT THE BEGINNING OF AN OPERATION. NOTE: IF INSTALLATION OPERATION IS NOT IN THE SAME WCD AS THE REMOVAL OPERATION, THE REMOVAL OPERATION WOULD BE LISTED ON ONE LINE WITH ITS WCD, AND THE INSTALLATION OPERATION WOULD BE LISTED ON A SEPARATE LINE WITH ITS WCD.	WCD - INTERVIEW

AFLC TECHNOLOGY INSERTION PROGRAM
DISASSEMBLY/ASSEMBLY PROFILE INSTRUCTIONS (CONTINUED)

DATA ITEM	DESCRIPTION	SOURCE
REMOVED/ DISASSEMBLED PART	PART THAT WAS REMOVED/DISASSEMBLED IN THE REMOVAL OPERATION NUMBER.	WCD
ITEM NUMBER	LIST ONLY ONE ITEM CODE FROM THE FOLLOWING: PCN = PRODUCTION CONTROL NUMBER NSN = NATIONAL STOCK NUMBER P/N = PART NUMBER CIRCLE ITEM CODE USED.	---
WCD	NAME/NUMBER OF WCD THAT IS USED TO PROCESS THE REMOVED ITEM NUMBER.	WCD
WCD DATE	REVISION DATE OF WCD.	WCD
SAME REMOVED ITEM INSTALLED INTO ASSY	IF THE REMOVAL ITEM MUST BE REPAIRED AND REINSTALLED INTO THE SAME END ITEM, ENTER YES. WHEN A SPARE PART CAN BE USED TO REPAIR THE END ITEM, ENTER NO.	INTERVIEWEE

NOTE: ALL ITEM NUMBERS AND THEIR WCD MUST BE LISTED ON THE WORKLOAD PROFILE.

DISASSEMBLY/ASSEMBLY . . .OFILE

NAME_____ ALC_____ DATE_____ RCC _____ _____ SHEET____OF____

TOP ASSEMBLY			REMOVAL OPERATION NUMBER	INSTALLATION OPERATION NUMBER	SUBASSEMBLY			SAME REMOVED ITEM INSTALLED INTO ASSY P/N
ITEM NUMBER	WCD	WCD DATE			ITEM NUMBER	CHILD WCD	CHILD WCD DATE	
PCN NSN P/N					PCN NSN P/N			
PCN NSN P/N					PCN NSN P/N			
PCN NSN P/N					PCN NSN P/N			
PCN NSN P/N					PCN NSN P/N			
PCN NSN P/N					PCN NSN P/N			
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PCN NSN P/N					PCN NSN P/N			

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AFLC TECHNOLOGY INSERTION PROGRAM
MANPOWER PROFILE INSTRUCTIONS

DATA ITEM	DESCRIPTION	SOURCE
NAME	NAME OF PERSON COLLECTING DATA	—
ALC	NAME OF ALC WHERE THIS DATA IS COLLECTED	—
DATE	START DATE OF DATA COLLECTION	—
RCC	NAME OF RCC WHERE THIS DATA IS COLLECTED (6 CHARACTERS)	—
SKILL CODE/ LEVEL	IDENTIFY SKILL CODES AND THE LEVELS WITHIN RCC. ALL SKILL CODES AND LEVELS LISTED ON OPERATION PROFILE SHEETS MUST BE ENTERED. (EIGHT CHARACTERS) (e.g., SA – SKILL CODE, 08 – LEVEL - ENTER SA08)	SUPERVISOR
JOB DESCRIPTION	BRIEF DESCRIPTION OF JOB TO BE PERFORMED. e.g., AIRCRAFT SHEET METAL MECHANIC (9 CHARACTERS)	
QUARTER	FY88 - AFLC's CALENDER WHICH STARTS OCTOBER (FOUR QUARTERS)	—
QUANTITY AVAILABLE	THE MANPOWER QUANTITY FOR EACH SKILL CODE AND LEVEL. ENTER THE QUANTITY AVAILABLE FOR WORK WEEK, WEEKENDS, AND HOLIDAYS PER SHIFT. (3 CHARACTERS)	RCC SECTION CHIEF
MANPOWER AVAILABLE (HOURS)	THE WORK STANDARD/MANPOWER FACTOR (WHICH ALCs USE FOR WORKLOAD NEGOTIATION) FOR EACH SKILL CODE AND LEVEL PER SHIFT. NUMBER OF HOURS AVAILABLE PER PERSON PER DAY, EXCLUDING TRAINING, TDY, ETC. (4 CHARACTERS WITH ONE DECIMAL PLACE)	RCC SECTION CHIEF

AFLC TECHNOLOGY INSERTION PROGRAM
MANPOWER PROFILE INSTRUCTIONS (CONTINUED)

DATA ITEM	DESCRIPTION	SOURCE
ALTERNATE SKILL CODE/LEVEL	MANPOWER SKILL CODE/LEVEL THAT CAN BE USED IN PLACE OF THE SPECIFIED MANPOWER SKILL CODE/LEVEL. USE THE SAME CODE AS IN OPERATION PROFILE. IN A SITUATION WHERE A SKILL/LEVEL CAN SUBSTITUTE FOR ANOTHER SKILL/ LEVEL FOR SAME OPERATIONS BUT NOT FOR OTHERS, THE TECHNIQUE AS SHOWN IN THE FOLLOWING EXAMPLE CAN BE USED.	RCC SECTION CHIEF

EXAMPLE: SA08 IS USED IN 4 OPERATIONS (10, 20, 30, 40) AND CAN BE SUBTITUTED BY SA10 IN OPERATIONS (10, 20 AND 40). THIS CAN BE CODED BY USING SA08 AS THE SKILL CODE FOR OPERATIONS 10, 20 AND 40 AND USING A PSENDO NAME SA08A FOR OPERATION 30. THEN IN YOUR MANPOWER TABLE, THE FOLLOWING WOULD BE ENTERED.

SKILL CODE/LEVEL	ALTERNATE SKILL CODE/LEVEL
SA08	SA10
SA08A (LEAVE QTY BLANK OR 0)	SA08

SINCE SA08A IS ENTERED WITH A QTY OF O, IT WiLL IMMEDIATELY USE THE ALTERNATE WHICH IS SA08.

MANPOWER PROFILE

NAME _____ ALC _____ DATE _____ RCC _____ SHEET ____ OF ____

SKILL CODE/LEVEL	JOB DESCRIPTION	QUARTER	QUANTITY AVAILABLE									MANPOWER AVAILABLE (HOURS)									ALTERNATE SKILL CODE/LEVEL
			WORK WEEK			WEEKEND			HOLIDAYS			WORK WEEK			WEEKEND			HOLIDAYS			
			1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
		1																			
		2																			
		3																			
		4																			
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		4																			

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AFLC TECHNOLOGY INSERTION PROGRAM
EQUIPMENT PROFILE INSTRUCTIONS

DATA ITEM	DESCRIPTION	SOURCE
NAME	NAME OF PERSON COLLECTING DATA	—
ALC	NAME OF ALC WHERE THIS DATA IS COLLECTED	SM = McCLELLAN AIR BASE OC = TINKER AIR BASE SA = KELLY AIR BASE WR = WARNER ROBINS AIR BASE OO = HILL AIR BASE
DATE	START DATE OF DATA COLLECTION	—
RCC	NAME OF RCC WHERE THIS DATA IS COLLECTED (6 CHARACTERS)	—
EQUIPMENT CODE	ENTER ALPHANUMERIC CODE OF EQUIPMENT. USE ALC CODES AND SHORTEN TO 8 CHARACTERS. KEEP SAME CODE AS USED ON OPERATION PROFILE SHEET.	INTERVIEWEE LOCATION OF EQUIP. EQUIPMENT LIST LAYOUT DRAWINGS
EQUIPMENT TYPE/ DESCRIPTION	ENTER A NOUN TO DESCRIBE EQUIPMENT (9 CHARACTERS)	—
QTY PER SHIFT	ENTER QUANTITY OF EQUIPMENT AVAILABLE PER SHIFT (3 CHARACTERS)	—
PREVENTIVE MAINTENANCE	DOWNTIME THAT IS SCHEDULED FOR PREVENTIVE MAINTENANCE ON THE EQUIPMENT LIST	G017C INTERVIEWS EQUIPMENT SPECS. G004I - INSPECTION AND CALIBRATION REPORT

AFLC TECHNOLOGY INSERTION PROGRAM
EQUIPMENT PROFILE INSTRUCTIONS (CONTINUED)

DATA ITEM	DESCRIPTION	SOURCE
FREQ	INDICATE THE FREQUENCY THAT PREVENTIVE MAINTENANCE IS PERFORMED IN DAYS. (3 CHARACTERS)	—
SHIFT	INDICATE ON WHICH SHIFT PREVENTIVE MAINTENANCE IS PERFORMED. (1, 2, 3)	—
DOWNTIME	THE TIME REQUIRED TO PERFORM PREVENTIVE MAINTENANCE (i.e., ALIGNMENT, TESTING, CALIBRATION, MINOR REPAIR, ETC. - IN HOURS) (5 CHARACTERS WITH 1 DECIMAL PLACE)	G017C INTERVIEWS EQUIPMENT SPECS. G004i - INSPECTION AND CALIBRATION REPORT
UNSCHEDULED BREAKDOWN REPAIR TIME	EQUIPMENT DOWNTIME THAT IS NOT SCHEDULED. BREAKDOWN/ EQUIPMENT FAILURES	G017C TROUBLE CALL REPORTS, EQUIPMENT OPERATORS, EQUIPMENT SPECS.
MTBF	MEAN TIME BETWEEN FAILURES. AVERAGE TIME INTERVAL BETWEEN FAILURES IN DAYS (3 CHARACTERS)	G017C TROUBLE CALL REPORTS, EQUIPMENT OPERATORS, EQUIPMENT SPECS.
MTTR	MEAN TIME TO REPAIR AVERAGE TIME TO REPAIR FAILED EQUIPMENT - HOURS WITH ONE DECIMAL PLACE (5 CHARACTERS)	G017C TROUBLE CALL REPORTS, EQUIPMENT OPERATORS, EQUIPMENT SPECS.
PERCENT USED FOR OTHER RCC	INDICATE THE PERCENT THAT THE EQUIPMENT IS BEING USED BY OTHER RCCs.	INTERVIEWEE
ENVELOP UNITS MIN/MAX	MINIMUM QUANTITY OF ENVELOP UNITS EQUIPMENT CAN PROCESS. MAXIMUM QUANTITY OF ENVELOP UNITS EQUIPMENT CAN PROCESS. (4 CHARACTERS)	—

AFLC TECHNOLOGY INSERTION PROGRAM
EQUIPMENT PROFILE INSTRUCTIONS (CONTINUED)

DATA ITEM	DESCRIPTION	SOURCE
ALTERNATE EQUIPMENT	EQUIPMENT THAT CAN BE USED IN PLACE OF THE EQUIPMENT LISTED IN THE EQUIPMENT CODE COLUMN. ENTER ALPHANUMERIC CODE OF EQUIPMENT. USE ALC CODES AND SHORTEN TO 8 CHARACTERS. KEEP SAME CODE AS USED ON OPERATION PROFILE SHEET.	INTERVIEWEE
DATA SOURCE	PLEASE INDICATE THE SOURCE OF THE INFORMATION (I.e., PERSONNEL, DATABASE, PAPER REPORT). ALSO LIST ANY OTHER PECULIARITIES THAT MAY BE HELPFUL.	

EQUIPME.. 'ROFILE

NAME_____ ALC_____ DATE_____ RCC _____ SHEET____ OF____

EQUIPMENT CODE	EQUIPMENT TYPE/DESCRIPTION	QUANTITY PER SHIFT			DOWNTIME					PERCENT USED FOR OTHER RCCs (e.g. TIME NOT AVAILABLE)	ENVELOP UNITS	ALTERNATE EQUIPMENT CODE	SOURCE
					PREVENTIVE MAINT.			UNSCHEDULED BREAKDOWN REPAIR TIME					
		1st	2nd	3rd	FREQ.	SHIFT	DOWN TIME	MTBF	MTTR		MIN / MAX		

LSC-2009-B

AFLC TECHNOLOGY INSERTION PROGRAM
WORKLOAD PROFILE INSTRUCTIONS

DATA ITEM	DESCRIPTION	SOURCE
NAME	NAME OF PERSON COLLECTING DATA	—
ALC	NAME OF ALC WHERE THIS DATA IS COLLECTED	—
DATE	START DATE OF DATA COLLECTION	—
RCC	NAME OF RCC WHERE THIS DATA IS COLLECTED (6 CHARACTERS)	—
ITEM CODE	USE SAME ITEM CODE AS IN OPERATION PROFILE P/N, PCN OR NSN.	OPERATION PROFILE
AIRCRAFT MODEL	LIST THE AIRCRAFT MODEL ON WHICH THIS ITEM IS USED.	OPERATION PROFILE
WCD	LIST WCD NAME/NUMBER. IF WCD HAS DIS/ASS OR PARALLEL OP. WCD ASSOCIATED WITH IT, LIST THEM BELOW THE PARENT WCD IN THE ORDER WHICH THEY ARE PROCESSED.	
WORKLOAD TYPE	ENTER ONE OF THE FOLLOWING WORKLOAD NUMBERS: MISTR = 4, PDM = 0, T = 8, M = 7 MICAP = 2	SUPERVISOR
FLOATING STOCK	NUMBER OF ITEMS THAT ARE AVAILABLE FOR USE.	SUPERVISOR
ACTUAL PRODUCTION PER QUARTER	ACTUAL OUTPUTS OF END ITEMS FOR RCC PER QUARTER OF FY88. (4 CHARACTERS)	G019C, G004L G037E
NUMBER OF ENVELOP UNITS	ENTER ENVELOP UNIT SIZE (2 CHARACTERS)	
MAXIMUM W.I.P.	MAXIMUM QUANTITY OF END ITEMS PER ITEM CODE THAT CAN BE IN PROCESS FOR REPAIR AT ANY ONE TIME, GIVEN THE "AS-IS" WORKLOAD MIX.	SUPERVISOR
STANDARD HOURS	THE HOURS ALLOCATED BY RCC TO PERFORM THE OPERATIONS IN THE REPAIR CYCLE.	E046B, G037E, G004L

WORKLO.. ROFILE

NAME _____ ALC _____ DATE _____ RCC _____ SHEET ____ OF ____

ITEM NUMBER	AIRCRAFT MODEL	WCD	WORKLOAD TYPE	FLOATING STOCK	ACTUAL PRODUCTION BY QUARTER				NO OF ENVELOP UNITS	MAXIMUM W I P.	STANDARD HOURS
					1	2	3	4			
PCN NSN P/N											
PCN NSN P/N											
PCN NSN P/N											
PCN NSN P/N											
PCN NSN P/N											
PCN N8N P/N											
PCN NSN P/N											
PCN NSN P/N											
PCN NSN P/N											
PCN NSN P/N											
PCN NSN P/N											
PCN NSN P/N											
PCN NSN P/N											

LSC-20096B

AFLC TECHNOLOGY INSERTION PROGRAM
ENVELOP INSTRUCTIONS

ENVELOP UNITS ARE CONSIDERED AS THE EVALUATION OF BATCH PROCESS EQUIPMENT TO DETERMINE THE MIN/MAX NUMBER OF PARTS THAT CAN BE PROCESSED AT ONE TIME.

DATA ITEM	DESCRIPTION
ALC	NAME OF ALC
RCC	NAME OF RCC (6 CHARACTERS)
WCD	NAME/NUMBER OF WORK CONTROL DOCUMENT (SAME AS ON OPERATION PROFILE) (8 CHARACTERS)
WCD DATE	WORK CONTROL DOCUMENT REVISION DATE. (6 CHARACTERS) SAME AS ON OPERATION PROFILE
EQUIPMENT CODE	ENTER ALPHANUMERIC CODE OF PROCESS EQUIPMENT. USE ALC CODES AND SHORTEN TO 8 CHARACTERS
TOTAL VOLUME OF EQUIPMENT IN CU. FT.	TOTAL USABLE VOLUME OF PROCESS EQUIPMENT IN CU. FT. ROUND TO NEAREST TENTH.
LIST OF PARTS BY ITEM CODE	LIST THE ITEM CODE OF EACH TYPE OF PART THAT IS PROCESSED BY THE LISTED EQUIPMENT.
VOLUME IN CU. FT.	DETERMINE THE VOLUME OF THE PART IN CU. FT. INCLUDING FIXTURES. ROUND UP TO NEXT TENTH OF CU. FT.
UNIT VALUE	ASSIGN A UNIT VALUE OF ONE (1) TO THE SMALLEST PART
	DETERMINE THE UNIT VALUE OF THE OTHER PARTS LISTED IN DIRECT RELATION TO THE SMALLEST PART. ROUND EACH NUMBER UP TO THE NEAREST WHOLE NUMBER.

AFLC TECHNOLOGY INSERTION PROGRAM
ENVELOP INSTRUCTIONS (CONTINUED)

DATA ITEM	DESCRIPTION
MINIMUM	MINIMUM NUMBER OF PARTS THAT CAN BE PLACED IN THE EQUIPMENT FOR PROCESSING ON A PRACTICAL BASIS (USE IE JUDGEMENT)
MAXIMUM	MAXIMUM NUMBER OF PARTS THAT CAN BE PLACED IN THE EQUIPMENT FOR PROCESSING.

ENVELOP
(For Internal Use, Not a Model Input)

ALC _____ RCC _____ EQUIPMENT CODE _____

TOTAL VOLUME OF EQUIPMENT IN CU. FT. _____

LIST OF PARTS BY ITEM NUMBER	SIZE/VOLUME CU. FT.	UNIT VALUE	MINIMUM	MAXIMUM	REMARKS/SOURCE
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					

LSC-2010GA

RCC CH[illegible]'LIST
(For Internal Use, Not a Model Input)

NAME _____ ALC _____ DATE _____ SHEET ____ OF ____

	DATABASE DOCUMENTATION								PROCESS CHARACTERIZATION			
RCC	FACILITY LAYOUT	EQUIPMENT	WORK FORCE	REPAIR WORK TECHNOLOGY	WORKLOAD MIX & VOLUME	MATERIAL HANDLING	STORAGE	FLOW CHARTS	EQUIPMENT PROFILE	MANPOWER PROFILE	WORKLOAD PROFILE	80/20 ANALYSIS

LSC-20099A

ITEM CHECKLIST
(For Internal Use, Not a Model Input)

NAME _____ ALC _____ DATE _____ RCC _____ SHEET ____ OF ____

ITEM NUMBER	SPECIFY IF PCN NSN P/N	WCO NO.	WCO DATE	OPERATION PROFILE	DSAS PROFILE	PARALLEL OPS PROFILE	HISTORICAL DATA	INDUCTION SELL DATE	BLANK WCO	STAMPED OFF WCO REVISIONS	STANDARD HOURS	STANDARD FLOW TIMES	PROCESS FLOW CHARTS

LSC 2009SA

ITEM S. MARY
(For Internal Use, Not a Model Input)

NAME_____ ALC_____ DATE_____ RCC _____ SHEET____ OF____

ITEM NUMBER	WCD	WORKLOAD TYPE	HISTORICAL FLOW TIME	STANDARD HOURS	EXPECTED HOURS
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					

NOTE: HISTORICAL FLOW TIME WILL BE GENERATED BY DATA PROCESSING. IF NO HISTORY IS COLLECTED ON WCD DATA COLLECTION SYSTEM, THIS INFORMATION MUST BE OBTAINED ON-SITE. EXPECTED HOURS WILL BE GENERATED FROM OPS. PROFILES BY DATA PROCESSING.

LSC-20097B

4.1 DATA COLLECTION PROCESS

* DATA WAS COLLECTED FOR EACH PCN AS IDENTIFIED BY THE 80/20 ANALYSIS FOR MATPSS RCC.
* THE SHOP FOREMAN WAS REQUESTED TO IDENTIFY THE PERSON MOST FAMILIAR WITH EACH PCN OF THE 80/20 ANALYSIS
* THE PERSON IDENTIFIED BY THE SHOP FOREMAN WAS INTERVIEWED BY THE DATA COLLECTOR. THE COLLECTOR TRANSFERRED THE DATA TO THE PROFILE SHEETS.
* THE PROFILE FOR EACH PCN WAS COMPILED INTO AN EXPANDING FILE FOR THE PARTICULAR RCC.
* THE DATA WAS SCRUTINIZED BY THE WORKING GROUP FOR COMPLETENESS AND CORRECTNESS.
* THE DATA COLLECTED WILL BE USED TO GENERATE THE MODEL INPUT FOR THE RCC.

NAME:HULM ALC: SA NCC:MATPSS
PCN: 68004A WCD: TA200K WCDDATE:86/0

OP #	NCC	OP DESC	OCCU FAC	OP TYPE	MAND %	FLOW HRS	SPEC CODE	QTY	TIME %	MCU HRS	EQUIP CODE	QTY	TIME %	MCU HRS
10	MATPS1	RTE	1.00	P			8602BC09	1		0.05				
20	MATSS	RTE	1.00	P		0.5		1		0.05				
30	MATPSS	INFO	1.00	P										
40	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
50	MATPSS	VIS	1.00	P			8602BC09	1		0.05				
60	MATPSS	VIS	1.00	P			8602BC09	1		0.05				
70	MATPSS	VIS	1.00	P			8602BC09	1		0.05				
80	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
90	MATPSS	VIS	1.00	P			8602BC09	1		0.05				
100	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
110	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
120	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
130	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
140	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
150	MATPSS	VIS	1.00	P			8602BC09	1		0.17				
160	MATPSS	VIS	1.00	P			8602BC09	1		0.05				
170	MATPSS	VIS	1.00	P			8602BC09	1		0.05				
180	MATPSS	VIS	1.00	P			8602BC09	1		0.05				
190	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
200	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
210	MATPSS	VIS	1.00	P			8602BC09	1		0.17				
220	MATPSS	VIS	1.00	P			8602BC09	1		0.17				
230	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
240	MATPSS	VIS	1.00	P			8602BC09	1		0.17				
250	MATPSS	VIS	1.00	P			8602BC09	1		0.17				
260	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
270	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
280	MATPSS	VIS	1.00	P			8602BC09	1		0.05				
290	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
300	MATPSS	VIS	1.00	P			8602BC09	1		0.05				
310	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
320	MATPSS	VIS	1.00	P			8602BC09	1		0.05				
330	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
340	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
350	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
360	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
370	MATPSS	VIS	1.00	P			8602BC09	1		0.05				
380	MATPSS	VIS	1.00	P			8602BC09	1		0.05				
390	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
400	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
410	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
420	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
430	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
440	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
450	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
460	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
470	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
480	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
490	MATPSS	VIS	1.00	P			8602BC09	1		0.17				
500	MATPSS	VIS	1.00	P			8602BC09	1		0.17				
510	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
520	MATPSS	VIS	1.00	P			8602BC09	1		0.03				

NAME:HOLM ALC: SA NCC:MATPSS
PCN: 68004A WCD: TA400K WCDDATE:86/0

OP	NCC	OP DESC	OCCU FAC	OP TYPE	MAND %	FLOW HRS	SPEC CODE	QTY	TIME %	MCU HRS	EQUIP CODE	QTY	TIME %	MCU HRS

Best Available Copy

FLOW PROCESS CHART

SUBJECT F15 AMAD LH VISUAL DATE 5-26-89

ITEM CODE
PCN ■
NSN □
P/N □

WCD TA200K WCD DATE 88270

08004A

CHART BEGINS 10

CHART ENDS 520 PREPARED BY AP Holm

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
10	10	○▶D□▽	ROUTE	330	330	○▷D■▽	VISUAL
20	20	○▶D□▽	ROUTE	340	340	○▷D■▽	VISUAL
30	30	●▷D□▽	INFO	350	350	○▷D■▽	VISUAL
40	40	○▷D■▽	VISUAL	360	360	○▷D■▽	VISUAL
50	50	○▷D■▽	VISUAL	370	370	○▷D■▽	VISUAL
60	60	○▷D■▽	VISUAL	380	380	○▷D■▽	VISUAL
70	70	○▷D■▽	VISUAL	390	390	○▷D■▽	VISUAL
80	80	○▷D■▽	VISUAL	400	400	○▷D■▽	VISUAL
90	90	○▷D■▽	VISUAL	410	410	○▷D■▽	VISUAL
100	100	○▷D■▽	VISUAL	420	420	○▷D■▽	VISUAL
110	110	○▷D■▽	VISUAL	430	430	○▷D■▽	VISUAL
120	120	○▷D■▽	VISUAL	440	440	○▷D■▽	VISUAL
130	130	○▷D■▽	VISUAL	450	450	○▷D■▽	VISUAL
140	140	○▷D■▽	VISUAL	460	460	○▷D■▽	VISUAL
150	150	○▷D■▽	VISUAL	470	470	○▷D■▽	VISUAL
160	160	○▷D■▽	VISUAL	480	480	○▷D■▽	VISUAL
170	170	○▷D■▽	VISUAL	490	490	○▷D■▽	VISUAL
180	180	○▷D■▽	VISUAL	500	500	○▷D■▽	VISUAL
190	190	○▷D■▽	VISUAL	510	510	○▷D■▽	VISUAL
200	200	○▷D■▽	VISUAL	520	520	○▷D■▽	VISUAL
210	210	○▷D■▽	VISUAL			○▷D□▽	
220	220	○▷D■▽	VISUAL			○▷D□▽	
230	230	○▷D■▽	VISUAL			○▷D□▽	
240	240	○▷D■▽	VISUAL			○▷D□▽	
250	250	○▷D■▽	VISUAL			○▷D□▽	
260	260	○▷D■▽	VISUAL			○▷D□▽	
270	270	○▷D■▽	VISUAL			○▷D□▽	
280	280	○▷D■▽	VISUAL			○▷D□▽	
290	290	○▷D■▽	VISUAL			○▷D□▽	
300	300	○▷D■▽	VISUAL			○▷D□▽	
310	310	○▷D■▽	VISUAL			○▷D□▽	
320	320	○▷D■▽	VISUAL			○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

▷ TRANSPORTATION D DELAY

LSC-20147

NAME:HOLM ALL: SM RCC:MATPSS

PCN: 080046 MCD: TA7000 MCDDATE:88/..

OP #	RCC	OP DESC	OCCU FAC	OP TYPE	MAND %	FLOW HRS	SETUP CODE	QTY	TIME %	PRD HRS	EQUIP CODE	QTY	TIME %	PRD HRS
10	MATPS1	RTE	1.00	P			8602BC09	1		0.05				
20	MATSS	RTE	1.00	P		0.5		1		0.05				
30	MATPSS	INFO	1.00	P										
40	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
50	MATPSS	VIS	1.00	P			8602BC09	1		0.05				
60	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
70	MATPSS	VIS	1.00	P			8602BC09	1		0.05				
80	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
90	MATPSS	VIS	1.00	P			8602BC09	1		0.05				
100	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
110	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
120	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
130	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
140	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
150	MATPSS	VIS	1.00	P			8602BC09	1		0.17				
160	MATPSS	VIS	1.00	P			8602BC09	1		0.05				
170	MATPSS	VIS	1.00	P			8602BC09	1		0.05				
180	MATPSS	VIS	1.00	P			8602BC09	1		0.05				
190	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
200	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
210	MATPSS	VIS	1.00	P			8602BC09	1		0.17				
220	MATPSS	VIS	1.00	P			8602BC09	1		0.17				
230	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
240	MATPSS	VIS	1.00	P			8602BC09	1		0.17				
250	MATPSS	VIS	1.00	P			8602BC09	1		0.17				
260	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
270	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
280	MATPSS	VIS	1.00	P			8602BC09	1		0.05				
290	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
300	MATPSS	VIS	1.00	P			8602BC09	1		0.05				
310	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
320	MATPSS	VIS	1.00	P			8602BC09	1		0.05				
330	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
340	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
350	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
360	MATPSS	VIS	1.00	P			8602BC09	1		0.08				
370	MATPSS	VIS	1.00	P			8602BC09	1		0.05				
380	MATPSS	VIS	1.00	P			8602BC09	1		0.05				
390	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
400	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
410	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
420	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
430	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
440	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
450	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
460	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
470	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
480	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
490	MATPSS	VIS	1.00	P			8602BC09	1		0.17				
500	MATPSS	VIS	1.00	P			8602BC09	1		0.17				
510	MATPSS	VIS	1.00	P			8602BC09	1		0.03				
520	MATPSS	VIS	1.00	P			8602BC09	1		0.03				

Left Horn Armed Assy

SAS 8:18 TUESDAY, MARCH 28, 1989 29

OPERATION PROFILE

NAME APOLM ALC SA DATE 4-7-89 RCC MATPSS SHEET 1 OF ___

ITEM CD PCN 08004A WCD TA008K WCDDATE 85084

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
5	MATPSS	ASSY	1.00		T										
5	MATPSS	ASSY			S										
5	MATPSS	ARSY		1.0	P		8602BC07	1		1.5	A-14	1		1.5	
6	MATPSS	ASSY			P						A-15	1		1.5	
10	MATPSS	ASSY	1.00		T										
10	MATPSS	ASSY			S										
10	MATPSS	ASSY		1.0	P		8602BC09 WG-8	1		0.8	A-14	1		.8	
10	MATPSS	ASSY			P						A-15	1		.8	
15	MATPSS	ASSY	1.00		T										
15	MATPSS	ASSY			S										
15	MATPSS	ASSY		1.0	P		8602BC09 WG-8	1		0.5	A-13	1		.5	
15	MATPSS	ASSY			P						A-14	1		.5	
15	MATPSS	ASSY			P						A-15	1		.5	
20	MATPSS	ASSY	1.00		T										
20	MATPSS	ASSY			S										
20	MATPSS	ASSY		1.0	P		[illegible] WG-8	1		0.5	A-14	1		.5	
20	MATPSS	ASSY			P						A-15	1		.5	
20	MATPSS	ASSY			P						A-44	1		.5	
25	MATPSS	ASSY	1.00		T										

Left Horn Armed Assy (...p) Variable Repay Mod...

OPERATION PROFILE

NAME _____ _____ ALC SA DATE _____ RCC MATPSS SHEET 2 OF ___

ITEM CD PCN 08004A WCD TA008K WCDDATE 85094

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~25~~	~~MATPSS~~	~~ASSY~~			~~S~~										
25	MATPSS	ASSY	.	1.0	P	.	8602BL09 WQ=8	1	.	0.6	A-1 ~~A2=0/8~~	1	.	0.4	
25	MATPSS	ASSY			P						A-14	1		.6	
25	MATPSS	ASSY			P						A-15	1		.6	
~~30~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~I~~										
~~30~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~										
30	MATPSS	ASSY	.	1.0	P	.	8602BL09 ~~WQ=8~~	1	.	0.8	A-14 ~~A2=1/4~~	1	.	0.8	
30	MATPSS	ASSY			P						A-15	1		.8	
~~40~~	~~MATPSS~~	~~ASSY~~	~~0.98~~	.	~~I~~										
~~40~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~										
40	MATPSS	ASSY	.	1.0	P	.	8602BL09 ~~WQ=8~~	1	.	0.1	A-14 ~~A2=1/4~~	1	.	0.1	
40	MATPSS	ASSY			P						A-15	1		.1	
~~45~~	~~MATPSS~~	~~ASSY~~	~~0.98~~	.	~~I~~										
~~45~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~										
45	MATPSS	ASSY	.	1.0	P	.	8602BL09 ~~WQ=8~~	1	.	0.8	A-14 ~~A2=1/4~~	1	.	0.8	
45	MATPSS	ASSY			P						A-15	1		.8	
~~50~~	~~MATPSS~~	~~ASSY~~	~~.98~~	.	~~I~~										

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 3 OF ___

ITEM CD PCN 08004A WCD TA008K WCDDATE 85094

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~50~~	~~MATPSS~~	~~ASSY~~			~~T~~										
50	MATPSS	ASSY		1.0	P	8602REC09	~~WC-0~~	1		.4 ~~3.0~~	A-14 ~~A2-4/14~~	1		.4 ~~0.5~~	
50	MATPSS	ASSY			P						A-15	1		.4	
~~55~~	~~MATPSS~~	~~ASSY~~	~~0.98~~		~~T~~										OPERATION 16 WAS OPERATION 55
16	MATPSS	ASSY		1	P	8602BC09		1		.7	A-3	1		.7	
16	MATPSS	ASSY			P						A-14	1		.7	
16	MATPSS	ASSY			P						A-15	1		.7	
16	~~55~~ MATPSS	ASSY		1.0	P		~~WC-0~~			~~0.5~~	A-17 ~~A2-4/14~~	1		.7 ~~0.5~~	
~~60~~	~~MATPSS~~	~~ASSY~~	~~0.98~~		~~T~~										
60	MATPSS	ASSY			~~S~~										
60	MATPSS	ASSY		1.0	P	8602BEC09	~~WC-0~~	1		0.1	A-14 ~~A2-4/14~~	1		0.1	
60	MATPSS	ASSY			P						A-15	1		.1	
~~65~~	~~MATPSS~~	~~ASSY~~	~~0.98~~		~~T~~										
65	MATPSS	ASSY			~~S~~										
65	MATPSS	ASSY		1.0	P	8602BEC09	~~WC-0~~	1		0.1	A-14 ~~A2-4/14~~	1		0.1	
65	MATPSS	ASSY			P						A-15	1		.1	
65	MATPSS	ASSY			P						A-17	1		.1	
~~70~~	~~MATPSS~~	~~ASSY~~	~~0.98~~		~~T~~										
~~70~~	~~MATPSS~~	~~ASSY~~			~~S~~										

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 4 OF ___

ITEM CD PCN 08004A WCD TA008K WCDDATE 8509

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
						8601BC09					A-14				
70	MATPSS	ASSY	.	1.0	P	. ~~WC-8~~		1	.	0.3	~~A2-A14~~	1	.	0.3	
70	MATPSS	ASSY			P						A-15	1		.3	
~~75~~	~~MATPSS~~	~~ASSY~~	~~0.98~~	.	~~I~~	.		.	.	.		.	.	.	
~~75~~	~~MATPSS~~	~~ASSY~~			~~S~~	.		.	.	.		.	.	.	
						8602BC09					A-14				
75	MATPSS	ASSY	.	1.0	P	. ~~WC-8~~		1	.	0.5	~~A2-A14~~	1	.	0.5	
75	MATPSS	ASSY			P						A-15	1		.5	
75	MATPSS	ASSY			P						A-5	1		.5	
~~80~~	~~MATPSS~~	~~ASSY~~	~~0.98~~	.	~~I~~	.		.	.	.		.	.	.	
80	MATPSS	ASSY			P						A-1	1		.3	
80	MATPSS	ASSY	.	.	~~I~~ P	. 8602BC09		1	.	.3	A-14	1	.	.3	
80	MATPSS	ASSY			P						A-15	1		.3	
80	MATPSS	ASSY			P						A-30	1		.3	
80	MATPSS	ASSY	.	.	P	. ~~WC-8~~		~~1~~	.	~~0.3~~	~~A2-A14~~	1	.	0.3	
											A-18	1			
~~85~~	~~MATPSS~~	~~ASSY~~	~~0.98~~	.	~~I~~	.		.	.	.		.	.	.	
~~85~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
						8602BC09					A-14				
85	MATPSS	ASSY	.	1.0	P	. ~~WC-8~~		1	.	0.1	~~A2-A14~~	1	.	0.1	
85	MATPSS	ASSY			P						A-15	1		.1	
~~90~~	~~MATPSS~~	~~ASSY~~	~~0.98~~	.	~~I~~	.		.	.	.		.	.	.	
90	MATPSS	ASSY	.	1.0	~~I~~ P	8602BC09		1	.	.1	A-14	1	.	.1	
90	MATPSS	ASSY									A-15	1		.1	

110 MATP 1.0 P 8602BC09 1 .3 A-37 1 .3
110 MATPS P A-14 1 .3
110 MATPSS P A-15 1 .3
110 MATPSS P A-19 1 .3

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 5 OF ___

ITEM ..D PCN 08004A WCD TA008K WCDDATE 85094

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~90~~	~~MATPSS~~	~~ASSY~~	~~1.0~~		~~P~~	8602BC09	~~WG 8~~	~~1~~		~~0.1~~	~~A2 A/A~~	~~1~~		~~0.1~~	
~~100~~	~~MATPSS~~	~~ASSY~~	~~0.96~~		~~T~~										
~~100~~	~~MATPSS~~	~~ASSY~~			~~S~~										
100	MATPSS	ASSY		1.0	P	8602BC09	~~WG 8~~	1		1.3	A-1 ~~A2 A/A~~	1		.1 ~~0.1~~	
100	MATPSS	ASSY			P						A-21 ~~A2 12/A1~~	1		.5 ~~1.0~~	
100	MATPSS	ASSY			P						A-19	1		1.3	
100	MATPSS	ASSY			P						A-15 ~~A2 A/A~~	1		1.3	
~~115~~	~~MATPSS~~	~~ASSY~~	~~0.98~~		~~T~~										
~~115~~	~~MATPSS~~	~~ASSY~~			~~S~~										
115	MATPSS	ASSY		1.0	P	8602BC09	~~WG 8~~	1		0.5	A-14 ~~A2 A/A~~	1		0.5	
115	MATPSS	ASSY			P						A-15	1		.5	
~~120~~	~~MATPSS~~	~~ASSY~~	~~0.98~~		~~T~~										
120	MATPSS	ASSY		1.0	P	8602BC09		1		.3	A-2	1		.3	
120	MATPSS	ASSY			P						A-20	1		.3	
120	MATPSS	ASSY			P						A-19	1		.3	
120	MATPSS	ASSY			P						A-37	1		.3	
120	MATPSS	ASSY			P						A-14	1		.3	
120	MATPSS	ASSY			P		~~WG 8~~	~~1~~		~~0.3~~	A-15 ~~A2 A/A~~	1		0.3	
~~125~~	~~MATPSS~~	~~ASSY~~	~~0.98~~		~~P~~										

Insert 110 in sequence.

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 60 OF ___

ITEM CD PCN 08004A WCD TA008K WCDDATE 85094

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~125~~	~~MATPSS~~	~~ASSY~~	.	~~2.0~~	~~S~~	.		.	.	.	~~A-14~~	.	.	.	
125	MATPSS	ASSY	.	1.0	P		8602BL09 ~~WC-0~~	1	.	0.3	A-14 ~~A2-4914~~	1	.	0.3	
125	MATPSS	ASSY			P						A-15	1		.3	
~~130~~	~~MATPSS~~	~~ASSY~~	~~0.98~~	.	~~P~~	.		.	.	.		.	.	.	
~~130~~	~~MATPSS~~	~~ASSY~~	.	~~2.0~~	~~S~~	.		.	.	.		.	.	.	
130	MATPSS	ASSY	.	1.0	P		8602BL09 ~~WC-0~~	1	.	0.5	A-14 ~~A2-4914~~	1	.	0.5	
130	MATPSS	ASSY			P						A-15	1		.5	
~~135~~	~~MATPSS~~	~~ASSY~~	~~0.98~~	.	~~P~~	.		.	.	.		.	.	.	
~~135~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.	~~A-14~~	.	.	.	
135	MATPSS	ASSY	.	1.0	P		8602BL09 ~~WC-0~~	1	.	0.3	A-14 ~~A2-4914~~	1	.	0.3	
135	MATPSS	ASSY			P						A-37	1		.3	
135	MATPSS	ASSY	.	.	P	.		.	.	.	A-15 ~~A2-4914~~	1	.	0.3	
~~140~~	~~MATPSS~~	~~ASSY~~	~~0.98~~	.	~~P~~	.		.	.	.		.	.	.	
~~140~~	~~MATPSS~~	~~ASSY~~	.	~~2.0~~	~~S~~	.		.	.	.	~~A-14~~	.	.	.	
140	MATPSS	ASSY	.	1.0	P		8602BL09 ~~WC-0~~	1	.	1.0	A-8 ~~A2-4914~~	1	.	.1 ~~1.0~~	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 7 OF ___

ITEM CD PCN 08004A WCD TA008K WCDDATE 85094

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
140	MATPSS	ASSY	.	.	P	.		.	.	.	A-25 ~~A2-0076~~	1	.	1.0	
140	MATPSS	ASSY	.	.	P	.		.	.	.	A-27 ~~A2-0014~~	1	.	1.0	
190	MATPSS	ASSY			P						A-41	1		1.0	
140	MATPSS	ASSY	.	.	P	.		.	.	.	A-14 ~~A2-0014~~	1	.	1.0	
140	MATPSS	ASSY	.	.	P	.		.	.	.	A-15 ~~A2-0014~~	1	.	1.0	
~~145~~	~~MATPSS~~	~~ASSY~~	~~0.08~~		~~T~~	.		.	.	.		.	.	.	
~~145~~	~~MATPSS~~	~~ASSY~~			~~C~~	.		.	.	.		.	.	.	
145	MATPSS	ASSY	.	1.0	P	8602BE09 ~~MG-C~~		1	25 75	0.4 0.3	A-14 ~~A2-0014~~	1 1	25 75	.4 0.3	
145	MATPSS	ASSY			P						A-15	1 1	25 75	.4 .3	
~~150~~	~~MATPSS~~	~~ASSY~~	~~0.08~~		~~T~~	.		.	.	.		.	.	.	
~~150~~	~~MATPSS~~	~~ASSY~~			~~C~~	.		.	.	.		.	.	.	
150	MATPSS	ASSY	.	1.0	P	8602BE09 ~~MG-C~~		1	.	0.3	A-14 ~~A2-0014~~	1	.	0.3	
150	MATPSS	ASSY	.	1.0	P	.		.	.	.	A-15 ~~A2-0014~~	1	.	0.3	
150	MATPSS	ASSY			P						A-28	1		.3	
~~152~~	~~MATPSS~~	~~ASSY~~	~~0.08~~		~~T~~	.		.	.	.		.	.	.	
~~158~~	~~MATPSS~~	~~ASSY~~			~~C~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 8 OF ___

ITEM CD PCN 08004A WCD TA008K WCDDATE 85094

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
152	MATPSS	ASSY	.	1.0	P	8602BE09		1	.	0.3	A-14	1	.	0.3	
152	MATPSS	ASSY			P						A-15	1		.3	
~~155~~	~~MATPSS~~	~~ASSY~~	~~0.98~~		~~T~~										
~~195~~	~~MATPSS~~	~~ASSY~~			~~S~~										
155	MATPSS	ASSY	:	1.0	P	8602BE09		1	.	0.3	A-14	1	.	0.3	
155	MATPSS	ASSY			P						A-15	1		.3	
155	MATPSS	ASSY			P						A-28	1		.3	
~~100~~	~~MATPSS~~	~~ASSY~~	~~0.98~~		~~T~~										
~~160~~	~~MATPSS~~	~~ASSY~~			~~S~~										
160	MATPSS	ASSY	.	1.0	P	8602BE09		1	.	0.1	A-14	1	.	0.1	
160	MATPSS	ASSY			P						A-15	1		.1	
~~165~~	~~MATPSS~~	~~ASSY~~	~~0.98~~		~~T~~										
~~165~~	~~MATPSS~~	~~ASSY~~			~~S~~										
165	MATPSS	ASSY	.	1.0	P	8602BE09		1	.	0.3	A-14	1	.	0.3	
165	MATPSS	ASSY			P						A-15	1		.3	
~~170~~	~~MATPSS~~	~~ASSY~~	~~0.98~~		~~T~~										
170	MATPSS	ASSY	.	1.0	P	8608BC09		1	.	.3	A-14	1	.	.3	
170	MATPSS	ASSY			P						A-15	1		.3	
170	MATPSS	ASSY			P						A-28	1		.3	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 9 OF ___

ITEM CD PCN 08004A WCD TA008K WCDDATE 85094

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~170~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~1.0~~	~~P~~	~~8602BL09~~	~~WG-8~~	~~1~~	~~.~~	~~0.3~~	~~A2 A14~~	~~1~~	~~.~~	~~0.3~~	
175	MATPSS	ASSY	.	1.0	P	8602BL09		1	.	0.3	A-14	1	.	0.3	
175	MATPSS	ASSY			P						A-15	1		.3	
180	MATPSS	ASSY	.	1.0	P	8602BL09		1	.	0.3	A-14	1		0.3	
											A-15	1		0.3	
											A-WB002	1		0.3	
185	MATPSS	ASSY	.	1.0	P	8602BL09		1	.	0.3	A-14	1	.	0.3	
185	MATPSS	ASSY			P						A-15	1		.3	
190	MATPSS	ASSY	.	1.0	P	8602BL09		1	.	0.3	A-14	1	.	0.3	
190	MATPSS	ASSY			P						A-15	1		.3	

OPERATION PROFILE

NAME _____ _____ ALC SA DATE _____ RCC MATPSS SHEET 10 OF ___

ITEM CD PCN 08004A WCD TA008K WCDDATE 85094

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~200~~	~~MATPSS~~	~~ASSY~~	~~0.98~~		~~T~~										
~~200~~	~~MATPSS~~	~~ASSY~~			~~S~~										
200	MATPSS	ASSY		1.0	P		8602BE09 ~~WG-8~~	1		0.3	A-14 ~~A0000014~~	1		0.3	
200	MATPSS	ASSY			P						A-15	1		.3	
~~210~~	~~MATPSS~~	~~ASSY~~	~~0.98~~		~~T~~										
~~210~~	~~MATPSS~~	~~ASSY~~			~~S~~										
210	MATPSS	ASSY		1.0	P		8602BE09 ~~WG-8~~	1		0.2	A-14 ~~A0000014~~	1		0.2	
210	MATPSS	ASSY			P						A-15	1		.2	
~~220~~	~~MATPSS~~	~~ASSY~~	~~0.98~~		~~T~~										
~~220~~	~~MATPSS~~	~~ASSY~~			~~S~~										
220	MATPSS	ASSY		1.0	P		8602BE09 ~~WG-8~~	1		0.3	A-14 ~~A0000014~~	1		0.3	
220	MATPSS	ASSY			P						A-15	1		.3	
~~230~~	~~MATPSS~~	~~ASSY~~	~~0.98~~		~~T~~										
~~230~~	~~MATPSS~~	~~ASSY~~			~~S~~										
230	MATPSS	ASSY		1.0	P		8602BE09 ~~WG-8~~	1		~~0.8~~ 0.8	A-14 ~~A0000014~~	1		~~.8~~ .8	
230	MATPSS	ASSY			P						A-15	1		.8	
230	MATPSS	ASSY			P						A-26	1		.8	

OPERATION PROFILE

NAME _____ _____ ALC SA DATE _____ RCC MATPSS SHEET 11 OF ___

ITEM CD PCN 08004A WCD TA008K WCDDATE 85084

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~230~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.	.	.	.	.	~~AE-4/4~~	~~1~~	.	~~0.6~~	
~~240~~	~~MATPSS~~	~~ASSY~~	~~0.98~~	.	~~T~~	.	.	.	.	.		.	.	.	
~~240~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.	.	.	.	.		.	.	.	
240	MATPSS	ASSY	.	1.0	P	8602BE07 WG-8		1	.	~~0.6~~ 0.6	~~A-14~~	1	.	~~0.6~~	
240	MATPSS	ASSY			P						A-15	1		.6	
240	MATPSS	ASSY			P						A-36	1		.6	
~~250~~	~~MATPSS~~	~~ASSY~~	~~0.98~~	.	~~T~~	.	.	.	.	.		.	.	.	
~~250~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.	.	.	.	.		.	.	.	
250	MATPSS	ASSY	.	1.0	P	8602BE09 WG-8		1	.	0.3	A-14	1	.	0.3	
250	MATPSS	ASSY			P						A-15	1		.3	
~~260~~	~~MATPSS~~	~~ASSY~~	~~0.98~~	.	~~T~~	.	.	.	.	.		.	.	.	
~~260~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.	.	.	.	.		.	.	.	
260	MATPSS	ASSY	.	1.0	P	8602BE07 WG-8		1	.	0.4	A-14	1	.	0.4	
260	MATPSS	ASSY			P						A-15	1		.4	
~~270~~	~~MATPSS~~	~~ASSY~~	~~0.98~~	.	~~T~~	.	.	.	.	.		.	.	.	
~~270~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.	.	.	.	.		.	.	.	
270	MATPSS	ASSY	.	1.0	P	8602BE09 WG-8		1	.	0.4	[redacted]	1	.	[redacted]	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 12 OF ___

ITEM CD PCN 08004A WCD TA008K WCDDATE 85094

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES

FLOW PROCESS CHART

SUBJECT F15 AMAD-LH ASSEMBLY DATE 5-25-89

ITEM CODE
PCN ●
NSN □
P/N □

WCD TA008K WCD DATE 85094

08004A

CHART BEGINS 5

CHART ENDS 270 PREPARED BY AP Holm

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
5	5	●◇D□▽	ASSY	180	180	●◇D□▽	ASSY
10	10	●◇D□▽	ASSY	185	185	●◇D□▽	ASSY
15	15	●◇D□▽	ASSY	190	190	●◇D□▽	ASSY
16	55	●◇D□▽	ASSY	200	200	●◇D□▽	ASSY
20	20	●◇D□▽	ASSY	210	210	●◇D□▽	ASSY
25	25	●◇D□▽	ASSY	220	220	●◇D□▽	ASSY
30	30	●◇D□▽	ASSY	230	230	●◇D□▽	ASSY
40	40	●◇D□▽	ASSY	240	240	●◇D□▽	ASSY
45	45	●◇D□▽	ASSY	250	250	●◇D□▽	ASSY
50	50	●◇D□▽	ASSY	260	260	●◇D□▽	ASSY
60	60	●◇D□▽	ASSY	270	270	●◇D□▽	ASSY
65	65	●◇D□▽	ASSY			○◇D□▽	
70	70	●◇D□▽	ASSY			○◇D□▽	
75	75	●◇D□▽	ASSY			○◇D□▽	
80	80	●◇D□▽	ASSY			○◇D□▽	
85	85	●◇D□▽	ASSY			○◇D□▽	
90	90	●◇D□▽	ASSY			○◇D□▽	
100	100	●◇D□▽	ASSY			○◇D□▽	
110	—	●◇D□▽	ASSY			○◇D□▽	
115	115	●◇D□▽	ASSY			○◇D□▽	
120	120	●◇D□▽	ASSY			○◇D□▽	
125	125	●◇D□▽	ASSY			○◇D□▽	
130	130	●◇D□▽	ASSY			○◇D□▽	
135	135	●◇D□▽	ASSY			○◇D□▽	
140	140	●◇D□▽	ASSY			○◇D□▽	
150	150	●◇D□▽	ASSY			○◇D□▽	
152	152	●◇D□▽	ASSY			○◇D□▽	
155	155	●◇D□▽	ASSY			○◇D□▽	
160	160	●◇D□▽	ASSY			○◇D□▽	
165	165	●◇D□▽	ASSY			○◇D□▽	
170	170	●◇D□▽	ASSY			○◇D□▽	
175	175	●◇D□▽	ASSY			○◇D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

◇ TRANSPORTATION D DELAY

LSC-20147

Lead Hand Method Test

F 1

SAS 8:18 TUESDAY, MARCH 28, 1989 41

OPERATION PROFILE

NAME APHOLM ALC SA DATE 4-10-89 RCC MATPSS SHEET 1 OF 10

ITEM CD PCN 08004A WCD TA102K WCDDATE 87059

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~10~~	~~MATPSS~~	~~TEST~~	~~1.00~~		~~P~~										
~~10~~	~~MATPSS~~	~~TEST~~													
10	MATPSS	TEST		1.0	P		6602BC10 ~~FI/WG-10~~	1		0.1 ~~0.5~~	A-47 ~~A2-10/1~~	1 ~~1~~		0.1 ~~0.5~~	RIC OPERATION OF FOR SETUP (TEST SET
~~10~~	~~MATPSS~~	~~TEST~~									~~A2-12/20~~	~~1~~		~~0.5~~	
~~10~~	~~MATPSS~~	~~TEST~~									~~A2-0/2~~	~~1~~		~~0.5~~	
~~20~~	~~MATPSS~~	~~TEST~~	~~1.00~~		~~P~~										
~~20~~	~~MATPSS~~	~~TEST~~													
20	MATPSS	TEST		1.0	P		6602BC10 ~~FI/WG-10~~	1		0.3 ~~0.5~~	A-47 ~~A2-10/1~~	1 ~~1~~		0.3 ~~0.5~~	
~~20~~	~~MATPSS~~	~~TEST~~									~~A2-1/20~~	~~1~~		~~0.5~~	
~~20~~	~~MATPSS~~	~~TEST~~									~~A2-0/2~~	~~1~~		~~0.5~~	
~~30~~	~~MATPSS~~	~~TEST~~	~~0.05~~		~~P~~										
~~30~~	~~MATPSS~~	~~TEST~~													
30	MATPSS	TEST		1.0	P		6602BC10 ~~BC/WG-10~~	1		~~0.1~~	A-47 ~~A2-10/1~~	1 ~~1~~		~~0.1~~ 0.0	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 2 OF ___

ITEM CD PCN 08004A WCD TA102K WCDDATE 87050

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~30~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A8-1/28~~	~~1~~		~~0.0~~ 0.1	
~~30~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-0/0~~	~~1~~		~~0.0~~	
~~40~~	~~MATPSS~~	~~TEST~~	~~1.0U~~		~~T~~										
~~40~~	~~MATPSS~~	~~TEST~~			~~S~~										
40	MATPSS	TEST		1.0	P		~~A1/W8-10~~ B602BC10	1		0.1	A2-10/1 A-17	1		0.1	
~~40~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A8-1/28~~	~~1~~		~~0.1~~	
~~40~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-1/10~~	~~1~~		~~0.0~~	
~~50~~	~~MATPSS~~	~~TEST~~	~~0.0U~~		~~T~~										
~~50~~	~~MATPSS~~	~~TEST~~			~~S~~										
50	MATPSS	TEST		1.0	P		~~A1/W8-10~~ B602BC10	1		0.1	~~A2-10/1~~ A-17	1		0.1	
~~50~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A8-1/28~~	~~1~~		~~0.1~~	
~~50~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-0/0~~	~~1~~		~~0.1~~	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 3 OF ___

ITEM CD PCN 08004A WCD TA102K WCDDATE 87058

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~70~~	~~MATPSS~~	~~TEST~~	~~1.00~~	.	~~T~~										
~~70~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~										
70	MATPSS	TEST	.	1.0	P		8602BC10 ~~Bd/WG-10~~	1	.	0.1	4-47 ~~A2-10/1~~	1	.	0.1	
~~70~~	~~MATPSS~~	~~TEST~~	.	.	~~P~~						~~A8-1/28~~	~~1~~	.	~~0.1~~	
~~70~~	~~MATPSS~~	~~TEST~~	.	.	~~P~~						~~A2-D/3~~	1	.	~~0.1~~	
~~80~~	~~MATPSS~~	~~TEST~~	~~1.00~~	.	~~T~~										
~~80~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~										
80	MATPSS	TEST	.	1.0	P		8602BC10 ~~Bc/WG-10~~	1	.	0.1	A-47 ~~A2-10/1~~	1	.	0.1	
~~80~~	~~MATPSS~~	~~TEST~~	.	.	~~P~~						~~A8-1/28~~	~~1~~	.	~~0.1~~	
~~80~~	~~MATPSS~~	~~TEST~~	.	.	~~P~~						~~A2-D/3~~	~~1~~	.	~~0.1~~	
~~90~~	~~MATPSS~~	~~TEST~~	~~1.00~~	.	~~T~~										
~~90~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~										
90	MATPSS	TEST	.	1.0	P		8602BC10 ~~Bc/WG-10~~	1	.	0.1	A-47 ~~A2-10/1~~	1	.	0.1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 4 OF ___

ITEM CD PCN 08004A WCD TA102K WCDDATE 87059

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~90~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A0-1/2B~~	~~1~~		~~0.1~~	
~~90~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-D/3~~	~~1~~		~~0.1~~	
~~100~~	~~MATPSS~~	~~TEST~~	~~1.00~~		~~T~~										
~~100~~	~~MATPSS~~	~~TEST~~			~~S~~										
100	MATPSS	TEST		1.0	P		8602BC10 ~~BC/WG 10~~	1		0.2	A-47 ~~A2-10/1~~	1		0.2	
~~100~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A0-0/1.5~~	~~1~~		~~0.2~~	
~~100~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-D/3~~	~~1~~		~~0.2~~	
~~110~~	~~MATPSS~~	~~TEST~~	~~1.00~~		~~T~~										
~~110~~	~~MATPSS~~	~~TEST~~			~~S~~										
110	MATPSS	TEST		1.0	P		8602BC10 ~~BC/WG 10~~	1		0.2	4-47 ~~A2-10/1~~	1		0.2	
~~110~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A0-1/2B~~	~~1~~		~~0.2~~	
~~110~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-D/3~~	~~1~~		~~0.2~~	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 5 OF ___

ITEM CD PCN 08004A WCD TA102K WCDDATE 87059

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~120~~	~~MATPSS~~	~~TEST~~	~~1.00~~	.	~~T~~										
~~120~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~										
120	MATPSS	TEST	.	1.0	P		8602BC10 ~~bc WG-10~~	1	.	~~0.1~~ 0.2	A-47 ~~A2-10/1~~	1	.	~~0.1~~ .2	
~~120~~	~~MATPSS~~	~~TEST~~	.	.	~~P~~						~~A2-1/28~~	~~1~~	.	~~0.2~~	
~~120~~	~~MATPSS~~	~~TEST~~	.	.	~~P~~						~~A2-9/3~~	~~1~~	.	~~0.1~~	
~~130~~	~~MATPSS~~	~~TEST~~	~~1.00~~	.	~~T~~										
~~130~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~										
130	MATPSS	TEST	.	1.0	P		8602BC10 ~~bc WG-10~~	1	.	0.1	A-47 ~~A2-10/1~~	1	.	0.1	
~~130~~	~~MATPSS~~	~~TEST~~	.	.	~~P~~						~~A2-1/28~~	~~1~~	.	~~0.1~~	
~~130~~	~~MATPSS~~	~~TEST~~	.	.	~~P~~						~~A2-9/3~~	~~1~~	.	~~0.1~~	
~~140~~	~~MATPSS~~	~~TEST~~	~~0.05~~	.	~~T~~										
~~140~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~										
140	MATPSS	TEST	.	1.0	P		8602BC10 ~~bc WG-10~~	1	.	~~0.1~~ 0.2	A-47 ~~A2-10/1~~	1	.	~~0.1~~ .2	
~~140~~	~~MATPSS~~	~~TEST~~	.	.	~~P~~						~~A2-1/28~~	~~1~~	.	~~0.2~~	
~~140~~	~~MATPSS~~	~~TEST~~	.	.	~~P~~						~~A2-9/3~~	~~1~~	.	~~0.1~~	

A-41

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 6 OF ___

ITEM CD PCN 08004A WCD TA102K WCDDATE 87059

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~140~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A8-1/28~~	~~1~~		~~0.1~~	
~~140~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A8-8/3~~	~~1~~		~~0.1~~	
~~150~~	~~MATPSS~~	~~TEST~~	~~0.05~~		~~I~~										
~~150~~	~~MATPSS~~	~~TEST~~			~~S~~										
150	MATPSS	TEST		1.0	P	8602BC10 ~~bc/WG-10~~		1		~~0.1~~ 0.2	~~A2-10/1~~ A-47	1		0.2 ~~0.1~~	
~~150~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A8-2/28~~	~~1~~		~~0.1~~	
~~150~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-8/3~~	~~1~~		~~0.1~~	
~~160~~	~~MATPSS~~	~~TEST~~	~~0.08~~		~~I~~										
~~160~~	~~MATPSS~~	~~TEST~~			~~S~~										
160	MATPSS	TEST		1.0	P	8602BC10 ~~bc/WG-10~~		1		~~0.1~~ 0.2	~~A2-10/1~~ A-47	1		~~0.1~~ .12	
160	MATPSS	TEST			P						A8-1/28	1		0.1	
~~160~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-8/3~~	~~1~~		~~0.1~~	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 2 OF ___

ITEM CD PCN 08004A WCD TA102K WCDDATE 87059

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~170~~	~~MATPSS~~	~~TEST~~	~~0.08~~		~~T~~										
~~170~~	~~MATPSS~~	~~TEST~~			~~S~~										
170	MATPSS	TEST		1.0	P		8602BC10 ~~4/WG-10~~	1		0.8 ~~0.2~~	A-47 ~~A2-10/1~~	1		.8 ~~0.2~~	
~~170~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-1/28~~	~~1~~		~~0.2~~	
~~170~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-D/2~~	~~1~~		~~0.2~~	
~~175~~	~~MATPSS~~	~~TEST~~	~~0.08~~		~~T~~										
~~175~~	~~MATPSS~~	~~TEST~~			~~S~~										
180	~~175~~	MATPSS	TEST		1.0	P		8602BC10 ~~4/WG-10~~	1		0.1 ~~0.2~~	A-47 ~~A2-10/1~~	1		.1 ~~0.2~~
~~175~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-1/28~~	~~1~~		.1 ~~0.2~~	
~~175~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-D/2~~	~~1~~		~~0.2~~	
~~180~~	~~MATPSS~~	~~TEST~~	~~0.08~~		~~T~~										
~~180~~	~~MATPSS~~	~~TEST~~			~~S~~										
185	~~180~~	MATPSS	TEST		1.0	P		8602BC10 ~~4/WG-10~~	1		0.1	A-47 ~~A2-10/1~~	1		0.1

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 8 OF ___

ITEM CD PCN 08004A WCD TA102K WCDDATE 87059

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~185~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A8-1/28~~	~~1~~		~~0.1~~	
~~185~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-8/12~~	~~1~~		~~0.1~~	
190	MATPSS	TEST		1.0	P		8602BC10 ~~8602WC10~~	1		0.2 ~~0.0~~	A-47 ~~A8-10/1~~	1		.2 ~~0.0~~	
~~190~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A8-1/28~~	~~1~~		~~0.3~~	
~~190~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A8-10/2~~	~~1~~		~~0.0~~	
200	MATPSS	TEST		1.0	P		8602BC09 ~~8602WC09~~	1		0.3 ~~2.0~~	A-47 ~~A2-10/1~~	1		.3 ~~1.0~~	
~~200~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A8-1/28~~	~~1~~		~~1.0~~	
~~210~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A6-8/8~~	~~1~~		~~1.0~~	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 9 OF ___

ITEM CD PCN 08004A WCD TA102K WCDDATE 87059

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~210~~	~~MATPSS~~	~~MOVE~~	~~0.05~~	.	~~T~~	.		.	.	.		.	.	.	
~~210~~	~~MATPSS~~	~~MOVE~~	.	.	~~S~~			.	.	.		.	.	.	
210	MATPSS	~~MOVE~~ TEST	.	1.0	P	~~8602BC09~~	~~BC/WG-8~~	1	.	~~0.1~~		.	.	.	
~~220~~	~~MATPSS~~	~~ASSY~~	~~0.08~~	.	~~T~~	.		.	.	.		.	.	.	
~~220~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~			.	.	.		.	.	.	
220	MATPSS	ASSY	.	1.0	P	8602BC09	~~BC/WG-8~~	1	.	~~0.5~~		.	.	.	
230	MATPSS	MOVE	0.02	1.0	T	8602BC05		1	.	0.3		.	.	.	transit to paint shop MATPMM
~~230~~	~~MATPSS~~	~~MOVE~~	.	.	~~S~~	.		.	.	.		.	.	.	
~~230~~	~~MATPSS~~	~~MOVE~~	.	.	~~P~~	~~8602BC05~~									
~~240~~	~~MATPMM~~		~~0.08~~	.	~~T~~	.		.	.	.		.	.	.	paint shop
~~240~~	~~MATPMM~~		.	.	~~S~~	.		.	.	.		.	.	.	
240	MATPMM		.	1.0	P	5.0		1	.	2.0		.	.	.	
242	~~MATPSE~~ MATPSS		.	1.0	T	8602BC05		1	.	(0.1)		.	.	.	transit from paint shop

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 10 OF ___

ITEM CD PCN 08004A WCD TA102K WCDDATE 87059

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~242~~	~~MATPSS~~				S										
~~242~~	~~MATPSS~~				P										
~~244~~	~~MATPSS~~	~~ASSY~~	~~0.91~~		T										
~~244~~	~~MATPSS~~	~~ASSY~~			S										
244	MATPSS	ASSY		1.0	P	16.0	~~MS=10~~ 8602BC09	1		0.5		1			
49 ~~250~~	MATPSS	ASSY	0.91	1.0	T		8602BC05			0.1					
~~250~~	~~MATPSS~~	~~ASSY~~			S										
250	MATPSS	ASSY		1.0	P		~~MS=10~~ 8602BC09	1		0.5		1			

OPERATI : PROFILE LH AMAD TEST

NAME KA ALC SA DATE 4/10/89 RCC MATPSS SHEET 1 OF ~~2~~

(PCN) NSN P/N 08004A WCD TA102K WCD DATE 891058

OPERATION NUMBER	RCC	OPERATION DESCRIPTION	MANDATORY OCCURRENCE FACTOR	OPERATION TYPE	MANDATORY LOW HOURS %	MANDATORY LOW HOURS HRS.	MANPOWER SKILL CODE/ LEVEL	MANPOWER QTY.	MANPOWER TIME REQUIRED %	MANPOWER TIME REQUIRED HRS.	EQUIPMENT EQUIPMENT CODE	EQUIPMENT QTY.	EQUIPMENT TIME REQUIRED %	EQUIPMENT TIME REQUIRED HRS.	DATA SOURCE COMMENTS
IN				TRANSIT											
				SETUP											
				PROCESS											
05	MATPSS	SETUP	1	TRANSIT											
				SETUP				1		.5	A-47	1		.5	TEST SET
				~~PROCESS~~											
				TRANSIT											
				SETUP											
				PROCESS											
				TRANSIT											
				SETUP											
				PROCESS											
				TRANSIT											
				SETUP											
				PROCESS											

LSC-2(X)92C

FLOW PROCESS CHART

SUBJECT F15 AMAD LH TEST DATE 5-26-89

ITEM CODE
PCN
NSN
PN

WCD TA102K WCD DATE 89058

08004A

CHART BEGINS 5

CHART ENDS 250 PREPARED BY APHolm

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
5	—	●◇D□▽	S/U			○◇D□▽	
10	10	●◇D□▽	TEST			○◇D□▽	
20	20	●◇D□▽	TEST			○◇D□▽	
30	30	●◇D□▽	TEST			○◇D□▽	
40	40	●◇D□▽	TEST			○◇D□▽	
50	50	●◇D□▽	TEST			○◇D□▽	
70	70	●◇D□▽	TEST			○◇D□▽	
80	80	●◇D□▽	TEST			○◇D□▽	
90	90	●◇D□▽	TEST			○◇D□▽	
100	100	●◇D□▽	TEST			○◇D□▽	
110	110	●◇D□▽	TEST			○◇D□▽	
120	120	●◇D□▽	TEST			○◇D□▽	
130	130	●◇D□▽	TEST			○◇D□▽	
140	140	●◇D□▽	TEST			○◇D□▽	
150	150	●◇D□▽	TEST			○◇D□▽	
160	160	●◇D□▽	TEST			○◇D□▽	
170	170	●◇D□▽	TEST			○◇D□▽	
180	180	●◇D□▽	TEST			○◇D□▽	
185	185	●◇D□▽	TEST			○◇D□▽	
190	190	●◇D□▽	TEST			○◇D□▽	
200	200	●◇D□▽	TEST			○◇D□▽	
210	210	●◇D□▽	TEST			○◇D□▽	
220	220	●◇D□▽	ASSY			○◇D□▽	
230	230	○◆D□▽	MOVE			○◇D□▽	
240	240	●◇D□▽	PAINT/BS			○◇D□▽	
242	242	○◆D□▽	MOVE			○◇D□▽	
244	244	●◇D□▽	ASSY			○◇D□▽	
250	250	●◇D□▽	ASSY			○◇D□▽	
		○◇D□▽				○◇D□▽	
		○◇D□▽				○◇D□▽	
		○◇D□▽				○◇D□▽	
		○◇D□▽				○◇D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

◇ TRANSPORTATION D DELAY

LSC-20147

02005

WCD TA900K

#	DESC	FAC	TYPE	%	HRS	CODE	QTY	%	HRS	CODE	QTY	%	HRS
10	MAIPS1	RIE	1.00	P		8602BC09	1		0.05				
20	MAIPSS	RIE	1.00	P	0.5		1		0.05				
30	MAIPSS	INFO	1.00	P									
40	MAIPSS	VIS	1.00	P		8602BC09	1		0.08				
50	MAIPSS	VIS	1.00	P		8602BC09	1		0.05				
60	MAIPSS	VIS	1.00	P		8602BC09	1		0.03				
90	MAIPSS	VIS	1.00	P		8602BC09	1		0.05				
100	MAIPSS	VIS	1.00	P		8602BC09	1		0.08				
110	MAIPSS	VIS	1.00	P		8602BC09	1		0.08				
120	MAIPSS	VIS	1.00	P		8602BC09	1		0.08				
130	MAIPSS	VIS	1.00	P		8602BC09	1		0.08				
140	MAIPSS	VIS	1.00	P		8602BC09	1		0.08				
240	MAIPSS	VIS	1.00	P		8602BC09	1		0.17				
250	MAIPSS	VIS	1.00	P		8602BC09	1		0.17				
260	MAIPSS	VIS	1.00	P		8602BC09	1		0.08				
270	MAIPSS	VIS	1.00	P		8602BC09	1		0.08				
280	MAIPSS	VIS	1.00	P		8602BC09	1		0.05				
290	MAIPSS	VIS	1.00	P		8602BC09	1		0.08				
300	MAIPSS	VIS	1.00	P		8602BC09	1		0.05				
310	MAIPSS	VIS	1.00	P		8602BC09	1		0.03				
320	MAIPSS	VIS	1.00	P		8602BC09	1		0.05				
330	MAIPSS	VIS	1.00	P		8602BC09	1		0.03				
340	MAIPSS	VIS	1.00	P		8602BC09	1		0.03				
350	MAIPSS	VIS	1.00	P		8602BC09	1		0.03				
360	MAIPSS	VIS	1.00	P		8602BC09	1		0.08				
370	MAIPSS	VIS	1.00	P		8602BC09	1		0.05				
380	MAIPSS	VIS	1.00	P		8602BC09	1		0.05				
390	MAIPSS	VIS	1.00	P		8602BC09	1		0.03				
400	MAIPSS	VIS	1.00	P		8602BC09	1		0.03				
410	MAIPSS	VIS	1.00	P		8602BC09	1		0.03				
420	MAIPSS	VIS	1.00	P		8602BC09	1		0.03				
430	MAIPSS	VIS	1.00	P		8602BC09	1		0.03				
440	MAIPSS	VIS	1.00	P		8602BC09	1		0.03				
450	MAIPSS	VIS	1.00	P		8602BC09	1		0.03				
460	MAIPSS	VIS	1.00	P		8602BC09	1		0.03				
470	MAIPSS	VIS	1.00	P		8602BC09	1		0.03				
480	MAIPSS	VIS	1.00	P		8602BC09	1		0.03				
490	MAIPSS	VIS	1.00	P		8602BC09	1		0.17				
500	MAIPSS	VIS	1.00	P		8602BC09	1		0.17				
510	MAIPSS	VIS	1.00	P		8602BC09	1		0.03				
520	MAIPSS	VIS	1.00	P		8602BC09	1		0.03				

NAME: [illegible] REV: [illegible] REC: MATPSS

PLNS: [illegible] WCD: [illegible] SUBDATE: [illegible]

OP #	REC	OP DESC	OPCD FAC	OP TYPE	MAND %	FLOW HRS	SKIL CODE	QTY	TIME %	RUN HRS	EQUIP CODE	QTY	TIME %	RUN HRS
10	MATP01	REL	1.00	P			[illegible]	1		0.05				
20	MATSS	REL	1.00	P		0.5		1		0.05				
30	MATPSS	INFO	1.00	P										
40	MATPSS	VIS	1.00	P			0602BC09	1		0.00				
50	MATPSS	VIS	1.00	P			0602BC09	1		0.05				
60	MATPSS	VIS	1.00	P			0602BC09	1		0.03				
70	MATPSS	VIS	1.00	P			0602BC09	1		0.05				
100	MATPSS	VIS	1.00	P			0602BC09	1		0.00				
110	MATPSS	VIS	1.00	P			0602BC09	1		0.00				
120	MATPSS	VIS	1.00	P			0602BC09	1		0.00				
130	MATPSS	VIS	1.00	P			0602BC09	1		0.00				
140	MATPSS	VIS	1.00	P			0602BC09	1		0.00				
240	MATPSS	VIS	1.00	P			0602BC09	1		0.17				
250	MATPSS	VIS	1.00	P			0602BC09	1		0.17				
260	MATPSS	VIS	1.00	P			0602BC09	1		0.00				
270	MATPSS	VIS	1.00	P			0602BC09	1		0.00				
280	MATPSS	VIS	1.00	P			0602BC09	1		0.05				
290	MATPSS	VIS	1.00	P			0602BC09	1		0.00				
300	MATPSS	VIS	1.00	P			0602BC09	1		0.05				
310	MATPSS	VIS	1.00	P			0602BC09	1		0.03				
320	MATPSS	VIS	1.00	P			0602BC09	1		0.05				
330	MATPSS	VIS	1.00	P			0602BC09	1		0.05				
340	MATPSS	VIS	1.00	P			0602BC09	1		0.03				
350	MATPSS	VIS	1.00	P			0602BC09	1		0.03				
360	MATPSS	VIS	1.00	P			0602BC09	1		0.03				
370	MATPSS	VIS	1.00	P			0602BC09	1		0.03				
380	MATPSS	VIS	1.00	P			0602BC09	1		0.03				
390	MATPSS	VIS	1.00	P			0602BC09	1		0.03				
400	MATPSS	VIS	1.00	P			0602BC09	1		0.03				
410	MATPSS	VIS	1.00	P			0602BC09	1		0.03				
420	MATPSS	VIS	1.00	P			0602BC09	1		0.03				
430	MATPSS	VIS	1.00	P			0602BC09	1		0.03				
440	MATPSS	VIS	1.00	P			0602BC09	1		0.03				
450	MATPSS	VIS	1.00	P			0602BC09	1		0.03				
460	MATPSS	VIS	1.00	P			0602BC09	1		0.03				
470	MATPSS	VIS	1.00	P			0602BC09	1		0.03				
480	MATPSS	VIS	1.00	P			0602BC09	1		0.03				
490	MATPSS	VIS	1.00	P			0602BC09	1		0.17				
500	MATPSS	VIS	1.00	P			0602BC09	1		0.17				
510	MATPSS	VIS	1.00	P			0602BC09	1		0.03				
520	MATPSS	VIS	1.00	P			0602BC09	1		0.03				

FLOW PROCESS CHART

SUBJECT F15 AMAD RH VISUAL DATE 5-26-89

ITEM CODE
PCN ■
NSN □
P/N □

WCD TA 400K WCD DATE 88270

08005A

CHART BEGINS 10

CHART ENDS 520 PREPARED BY A PHolm

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
10	10	○◗D□▽	ROUTE	330	330	○▷D■▽	VISUAL
20	20	○◗D□▽	ROUTE	340	340	○▷D■▽	VISUAL
30	30	●▷D□▽	INFO	350	350	○▷D■▽	VISUAL
40	40	○▷D■▽	VISUAL	360	360	○▷D■▽	VISUAL
50	50	○▷D■▽	VISUAL	370	370	○▷D■▽	VISUAL
60	60	○▷D■▽	VISUAL	380	380	○▷D■▽	VISUAL
70	70	○▷D■▽	VISUAL	390	390	○▷D■▽	VISUAL
80	80	○▷D■▽	VISUAL	400	400	○▷D■▽	VISUAL
90	90	○▷D■▽	VISUAL	410	410	○▷D■▽	VISUAL
100	100	○▷D■▽	VISUAL	420	420	○▷D■▽	VISUAL
110	110	○▷D■▽	VISUAL	430	430	○▷D■▽	VISUAL
120	120	○▷D■▽	VISUAL	440	440	○▷D■▽	VISUAL
130	130	○▷D■▽	VISUAL	450	450	○▷D■▽	VISUAL
140	140	○▷D■▽	VISUAL	460	460	○▷D■▽	VISUAL
150	150	○▷D■▽	VISUAL	470	470	○▷D■▽	VISUAL
160	160	○▷D■▽	VISUAL	480	480	○▷D■▽	VISUAL
170	170	○▷D■▽	VISUAL	490	490	○▷D■▽	VISUAL
180	180	○▷D■▽	VISUAL	500	500	○▷D■▽	VISUAL
190	190	○▷D■▽	VISUAL	510	510	○▷D■▽	VISUAL
200	200	○▷D■▽	VISUAL	520	520	○▷D■▽	VISUAL
210	210	○▷D■▽	VISUAL			○▷D□▽	
220	220	○▷D■▽	VISUAL			○▷D□▽	
230	230	○▷D■▽	VISUAL			○▷D□▽	
240	240	○▷D■▽	VISUAL			○▷D□▽	
250	250	○▷D■▽	VISUAL			○▷D□▽	
260	260	○▷D■▽	VISUAL			○▷D□▽	
270	270	○▷D■▽	VISUAL			○▷D□▽	
280	280	○▷D■▽	VISUAL			○▷D□▽	
290	290	○▷D■▽	VISUAL			○▷D□▽	
300	300	○▷D■▽	VISUAL			○▷D□▽	
310	310	○▷D■▽	VISUAL			○▷D□▽	
320	320	○▷D■▽	VISUAL			○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

▷ TRANSPORTATION D DELAY

LSC-20147

Mt Ha
Amad
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OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 51

NAME APHolm ALC SA DATE 4-7-89 RC. SS SHEET 1 OF 11

ITEM CD PCN 08005A WCD TA276K WCDDATE 85094

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~5~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										Lorenzo (Help) [illegible] 8602BE09 Aircraft Jet Engine Overhauler
~~5~~	~~MATPSS~~	~~ASSY~~			~~S~~										
5	MATPSS	ASSY		1.0	P		8602BC09	1		1.5	A-14	1		1.5	
5	MATPSS	ASSY			P						A-15	1		1.5	
~~10~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~10~~	~~MATPSS~~	~~ASSY~~			~~S~~										
10	MATPSS	ASSY		1.0	P		8602BC09	1		0.8	A-14	1		.8	
											A-15	1		.8	
~~15~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~15~~	~~MATPSS~~	~~ASSY~~			~~S~~										
15	MATPSS	ASSY		1.0	P		8602BC09	1		0.5	A-13	1		0.4	
15	MATPSS	ASSY			P						A-14	1		.5	
15	MATPSS	ASSY			P						A-15	1		.5	
~~20~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~20~~	~~MATPSS~~	~~ASSY~~			~~S~~										
20	MATPSS	ASSY		1.0	P		8602BC09	1		0.5	A-44	1		.1	
20	MATPSS	ASSY			P						A-14	1		.5	
20	MATPSS	ASSY			P						A-15	1		.5	
~~25~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 2 OF ___

ITEM CD PCN 08005A WCD TA276K WCDDATE 85094

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~25~~	~~MATPSS~~	~~ASSY~~			~~S~~										
25	MATPSS	ASSY		1.0	P		8602BC09 ~~WC-S~~	1		0.6	A-9	1		.6	
25	MATPSS	ASSY			P						A-14	1		.6	
~~25~~	~~MATPSS~~	~~ASSY~~			P						A-15	1		.6	
~~30~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~30~~	~~MATPSS~~	~~ASSY~~			~~S~~										
30	MATPSS	ASSY		1.0	P		8602BC09 ~~WC-S~~	1		0.8	A-14 ~~A2-MP4~~	1		0.8	
30	MATPSS	ASSY			P						A-15	1		.8	
~~40~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~40~~	~~MATPSS~~	~~ASSY~~			~~S~~										
40	MATPSS	ASSY		1.0	P		8602BC09 ~~WC-S~~	1		0.1	A-14 ~~A2-MP4~~	1		0.1	
40	MATPSS	ASSY			P						A-15	1		.1	
45	MATPSS	ASSY	1.00		T										
45	MATPSS	ASSY			S										
45	MATPSS	ASSY		1.0	P		8602BC09 ~~WC-S~~	1		0.5	A-14 ~~A2-MP4~~	1		0.5	
45	MATPSS	ASSY			P						A-15	1		.5	
~~50~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 3 OF ___

ITEM CD PCN 08005A WCD TA276K WCDDATE 85094

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~50~~	~~MATPSS~~	~~ASSY~~			~~C~~										
50	MATPSS	ASSY		1.0	P		8602BC09	1		0.1	A-14	1		0.1	
50	MATPSS	ASSY			P						A-15	1		.1	
16	MATPSS	ASSY	1.00	1.0	P		8602BC09	1		.7	A-3	1		.7	OP55 becomes OP16
16	MATPSS	ASSY			P						A-17	1		.7	
16	MATPSS	ASSY			P						A-14	1		.7	
16	MATPSS	ASSY			P						A-15	1			
~~60~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~I~~										
~~60~~	~~MATPSS~~	~~ASSY~~			~~C~~										
60	MATPSS	ASSY		1.0	P		8602BC09	1		0.1	A-14	1		0.1	
60	MATPSS	ASSY			P						A-15	1		.1	
~~65~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~I~~										
~~65~~	~~MATPSS~~	~~ASSY~~			~~C~~										
65	MATPSS	ASSY		1.0	P		8602BC09	1		0.1	A-14	1		0.1	
65	MATPSS	ASSY			P						A-15	1		.1	
~~65~~	~~MATPSS~~	~~ASSY~~			~~P~~						A-17	1		.1	
~~70~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~I~~										
~~70~~	~~MATPSS~~	~~ASSY~~			~~S~~										

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 4 OF ___

ITEM CD PCN 08005A WCD TA276K WCDDATE 85094

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
70	MATPSS	ASSY	.	1.0	P		8602BC09	1	.	0.3	A-14	1	.	0.3	
											A-15	1		.3	
~~75~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~P~~										
~~75~~	~~MATPSS~~	~~ASSY~~			~~S~~										
75	MATPSS	ASSY	.	1.0	P		8602BC09	1	.	0.5	A-14	1	.	0.5	
											A-15	1		.5	
80	MATPSS	ASSY	1.00	1.0	P		8602BC09	1	.	.3	A-1	1	.	.3	
											A-5	1		.3	
80	MATPSS	ASSY	.	.	P						A-18	1	.	.3	
											A-30	1		.3	
80	MATPSS	ASSY	.	.	P						A-14	1	.	0.3	
											A-15	1		.3	
~~85~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~P~~										
~~85~~	~~MATPSS~~	~~ASSY~~			~~S~~										
														.1	
85	MATPSS	ASSY	.	1.0	P		8602BC09	1	.	0.1	A-14	1	.	0.1	
											A-15	1		.1	
~~90~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~P~~										
90	MATPSS	ASSY	.	1.0	P		8602BC09	1	.	.1	A-14	1	.	.1	
											A-15	1		.1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 5 OF ___

ITEM CD PCN 08005A WCD TA276K WCDDATE 85094

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~90~~	~~MATPSS~~	~~ASSY~~	.	~~1.00~~	~~P~~		~~8602BC09~~	~~1~~	.	~~0.1~~	~~A-14~~	~~1~~	.	~~0.1~~	
~~100~~	~~MATPSS~~	~~ASSY~~	~~1.00~~												
~~100~~	~~MATPSS~~	~~ASSY~~	~~2~~												
100	MATPSS	ASSY	.	1.0	P		8602BC09	1	.	0.8	A-14	1	.	.8	
100	MATPSS	ASSY	.	.	P						A-15	1	.	.8	
100	MATPSS	ASSY	.	.	P						A-21	1	.	0.8	
110	MATPSS	ASSY	1.00	1.0	P		8602BC09	1	.	.3	A-14	1	.	.3	
110	MATPSS	ASSY			P						A-15	1		.3	
110	MATPSS	ASSY	.	.	P						A-19	1	.	.3	
110	MATPSS	ASSY	.	.	P						A-37	1	.	.3	
~~115~~	~~MATPSS~~	~~ASSY~~	~~1.00~~												
115	MATPSS	ASSY	.	1.0	P		8602BC09	1	.	.3	A-14	1	.	.3	
115	MATPSS	ASSY	.	.	P						A-15	1	.	.3	
120	MATPSS	ASSY	1.00	.	P		8602BC09	1	.	.5	A-14	1	.	.5	
120	MATPSS	ASSY			P						A-15	1		.5	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 6 OF ___

ITEM CD PCN 08005A WCD TA276K WCDATE 85084

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
100	MATPSS	ASSY			P						A-2	1		.3	
120	MATPSS	ASSY	.	.	P	.		.	.	.	A-19	1	.	.3	
120	MATPSS	ASSY			P						A-20	1		.3	
120	MATPSS	ASSY	.	.	P	.	[illegible]	[illegible]	.	[illegible]	A-37	1	.	.3	
~~125~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~I~~	.		.	.	.		.	.	.	
~~125~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
125	MATPSS	ASSY	.	1.0	P	.	8602BC09 [illegible]	1	.	0.3	A-14	1	.	.3	
125	MATPSS	ASSY			P						A-15	1		.3	
~~130~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~I~~	.		.	.	.		.	.	.	
~~130~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
130	MATPSS	ASSY	.	1.0	P	.	8602BC09 [illegible]	1	.	0.5	A-14	1	.	.5	
130	MATPSS	ASSY			P						A-15	1		.5	
~~135~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~I~~	.		.	.	.		.	.	.	
~~135~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
135	MATPSS	ASSY	.	1.0	P	.	8602BC09 [illegible]	1	.	0.3	A-14 [illegible]	1	.	0.3	
135	MATPSS	ASSY	.	.	P	.		.	.	.	A-15 [illegible]	1	.	.3	
135	MATPSS	ASSY			P						A-37	1		.3	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 7 OF ___

ITEM CD PCN 63005A WCD TA276K WCDDATE 85094

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~140~~	~~MATPSS~~	~~ASSY~~	~~0.98~~		~~P~~										
~~140~~	~~MATPSS~~	~~ASSY~~			~~P~~										
140	MATPSS	ASSY		1.0	P		8602BC09	1		1.0	A-14	1		1.0	
140	MATPSS	ASSY			P						A-15	1		1.0	
140	MATPSS	ASSY			P						A-8	1		1.0	
140	MATPSS	ASSY			P						A-25	1		1.0	
140	MATPSS	ASSY			P						A-27	1		1.0	
140	MATPSS	ASSY			P						A-41	1		1.0	
~~145~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~P~~										
~~145~~	~~MATPSS~~	~~ASSY~~			~~P~~										
145	MATPSS	ASSY		1.0	P		8602BC09	1		.9	A-14	1			
145	MATPSS	ASSY			P						A-15	1			
~~150~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~P~~										
~~150~~	~~MATPSS~~	~~ASSY~~			~~P~~										
150	MATPSS	ASSY		1.0	P		8602BC09	1		0.3	A-28	1		0.3	
150	MATPSS	ASSY			P						A-14	1		.3	
150	MATPSS	ASSY			P						A-15	1		.3	

OPERATION PROFILE

NAME _____ ALC SA DATE ____ RCC MATPSS SHEET 8 OF ___

ITEM CD PCN 08035A WCD TA276K WCDDATE 85094

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~150~~	~~MATPSS~~	~~ASSY~~			~~P~~						~~A2-8/4~~	~~1~~		~~0.5~~	
~~160~~	~~MATPSS~~	~~ASSY~~		~~0.30~~	~~P~~										
~~180~~	~~MATPSS~~	~~ASSY~~			~~S~~										
160	MATPSS	ASSY		1.0	P		8602BC09	1		0.5	A-14	1		.5	
160	MATPSS	ASSY			P						A-15	1		.5	
~~170~~	~~MATPSS~~	~~ASSY~~		~~2.00~~	~~P~~										
170	MATPSS	ASSY		1.0	P		8602BC09	1		.3	A-14	1		.3	
170	MATPSS	ASSY			P						A-15	1		.3	
170	MATPSS	ASSY			P		[illegible]	[illegible]		[illegible]	A-[illegible]	1		.3	
~~180~~	~~MATPSS~~	~~ASSY~~		~~1.00~~	~~P~~										
~~180~~	~~MATPSS~~	~~ASSY~~			~~S~~										
180	MATPSS	ASSY		1.0	P		8602BC09	1		0.1	A-14	1		.1	
											A-15	1		.1	
~~190~~	~~MATPSS~~	~~ASSY~~		~~1.00~~	~~P~~										
~~190~~	~~MATPSS~~	~~ASSY~~			~~S~~										

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 9 OF ___

ITEM CD PCN 08005A WCD TA276K WCDDATE 85094

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
190	MATPSS	ASSY	.	1.0	P	8600	BC09	1	.	0.3	A-14	1.	.	.3.	
190	MATPSS	ASSY			P						A-15	1		.3	
~~200~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~P~~										
~~200~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~1~~	~~0~~										
200	MATPSS	ASSY	.	1.0	P	8602	BC09	1	.	0.3	A-14	1	.	.3	
											A-15	1		.3	
~~210~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~P~~										
~~210~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~										
210	MATPSS	ASSY	.	1.0	P	8602	BC09	1	.	0.3	A-14	1	.	.3	
210	MATPSS	ASSY			P						A-15	1		.3	
~~220~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~P~~										
~~220~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~										
220	MATPSS	ASSY	.	1.0	P	8602	BC09	1	.	0.3	A-14	1	.	.3	
220	MATPSS	ASSY			P						A-15	1		.3	
~~230~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~P~~										
~~230~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~										
230	MATPSS	ASSY	.	1.0	P	8600	BC09	1	.	0.3	A-14	1.	.	.3	
230	MATPSS	ASSY			P						A-15	1		.3	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 10 OF ___

ITEM CD PCN 08005A WCD TA276K WCDDATE 85094

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~240~~	~~MATPSS~~	~~ASSY~~		~~1.00~~	~~T~~										
~~240~~	~~MATPSS~~	~~ASSY~~			~~S~~										
240	MATPSS	ASSY		1.0	P		8602BC09	1		0.3	A-14	1		.3	
240	MATPSS	ASSY			P						A-15	1		.3	
~~250~~	~~MATPSS~~	~~ASSY~~		~~1.00~~	~~T~~										
~~250~~	~~MATPSS~~	~~ASSY~~			~~S~~										
250	MATPSS	ASSY		1.0	P		8602BC09	1		0.3	A-14	1		.3	
250	MATPSS	ASSY			P						A-15	1		.3	
~~260~~	~~MATPSS~~	~~ASSY~~		~~1.00~~	~~T~~										
~~260~~	~~MATPSS~~	~~ASSY~~			~~S~~										
260	MATPSS	ASSY		1.0	P		8602BC09	1		0.2	A-14	1		.2	
260	MATPSS	ASSY			P						A-15	1		.2	
~~270~~	~~MATPSS~~	~~ASSY~~		~~1.00~~	~~T~~										
~~270~~	~~MATPSS~~	~~ASSY~~			~~S~~										
270	MATPSS	ASSY		1.0	P		8602BC09	1		0.3	A-14	1		.3	
270	MATPSS	ASSY			P						A-15	1		.3	

OPERATION PROFILE SAS

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 11 OF ___

ITEM CD PCN 08005A WCD TA276K WCDDATE 85094

OPER NUMB	RCC	OPER DESC	1'ST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~280~~	~~MATPSS~~	~~ASSY~~	~~0.00~~		~~T~~										
~~280~~		~~ASSY~~			~~S~~										
280	MATPSS	ASSY		1.0	P			1		0.1	A-14	1		.1	
280	MATPSS	ASSY			P						A-15	1		.1	
~~290~~	~~MATPSS~~	~~ASSY~~	~~0.00~~		~~T~~										
~~290~~	~~MATPSS~~	~~ASSY~~			~~S~~										
290	MATPSS	ASSY		1.0	P		86028C09	1		0.3	A-14	1		.1	
											A-15	1		.1	
~~300~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~300~~	~~MATPSS~~	~~ASSY~~			~~S~~										
300	MATPSS	ASSY		1.0	P		86028C09	1		0.4	A-14	1		.1	
300	MATPSS	ASSY									A-15	1		.1	
~~310~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~310~~	~~MATPSS~~	~~ASSY~~			~~S~~										
310	MATPSS	ASSY		1.0	P		86028C09	1		0.3					

FLOW PROCESS CHART

SUBJECT F15 AMAD - RH ASSEMBLY DATE 5-25-89

ITEM CODE PCN ☑ NSN ☐ PN ☐ 08005A WCD TA226K WCD DATE 85094

CHART BEGINS 5

CHART ENDS 310 PREPARED BY A.P. Holm

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
5	5	●ÞD□▽	ASSY	210	210	●ÞD□▽	ASSY
10	10	●ÞD□▽	ASSY	220	220	●ÞD□▽	ASSY
15	15	●ÞD□▽	ASSY	230	230	●ÞD□▽	ASSY
16	55	●ÞD□▽	ASSY	240	240	●ÞD□▽	ASSY
20	20	●ÞD□▽	ASSY	250	250	●ÞD□▽	ASSY
25	25	●ÞD□▽	ASSY	260	260	●ÞD□▽	ASSY
30	30	●ÞD□▽	ASSY	270	270	●ÞD□▽	ASSY
40	40	●ÞD□▽	ASSY	280	280	●ÞD□▽	ASSY
45	45	●ÞD□▽	ASSY	290	290	●ÞD□▽	ASSY
50	50	●ÞD□▽	ASSY	300	300	●ÞD□▽	ASSY
60	60	●ÞD□▽	ASSY	310	310	●ÞD□▽	ASSY
65	65	●ÞD□▽	ASSY			○ÞD□▽	
70	70	●ÞD□▽	ASSY			○ÞD□▽	
75	75	●ÞD□▽	ASSY			○ÞD□▽	
80	80	●ÞD□▽	ASSY			○ÞD□▽	
85	85	●ÞD□▽	ASSY			○ÞD□▽	
90	90	●ÞD□▽	ASSY			○ÞD□▽	
100	100	●ÞD□▽	ASSY			○ÞD□▽	
110	110	●ÞD□▽	ASSY			○ÞD□▽	
115	115	●ÞD□▽	ASSY			○ÞD□▽	
120	120	●ÞD□▽	ASSY			○ÞD□▽	
125	125	●ÞD□▽	ASSY			○ÞD□▽	
130	130	●ÞD□▽	ASSY			○ÞD□▽	
135	135	●ÞD□▽	ASSY			○ÞD□▽	
140	140	●ÞD□▽	ASSY			○ÞD□▽	
145	145	●ÞD□▽	ASSY			○ÞD□▽	
150	150	●ÞD□▽	ASSY			○ÞD□▽	
160	160	●ÞD□▽	ASSY			○ÞD□▽	
170	170	●ÞD□▽	ASSY			○ÞD□▽	
180	180	●ÞD□▽	ASSY			○ÞD□▽	
190	190	●ÞD□▽	ASSY			○ÞD□▽	
200	200	●ÞD□▽	ASSY			○ÞD□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

Þ TRANSPORTATION D DELAY

LSC-20147

7+ Hand.
Amad
Test

SAS

8:18 TUESDAY, MARCH 28 1989 81

OPERATION PROFILE

NAME Afhelm ALC SA DATE 11-10-89 RCC MATPSS SHEET 1 OF 10

ITEM CD PCN 08005A WCD TA330K WCDDATE 87059

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~10~~	~~MATPSS~~	~~TEST~~	~~1.00~~	~~.~~	~~T~~										
~~10~~	~~MATPSS~~	~~TEST~~	~~.~~	~~.~~	~~S~~										
10	MATPSS	TEST	.	1.0	P	8602BC10 ~~B/WB-10~~		1	.	~~0.5~~ .1	A-47 ~~AB-10/1~~	1	.	~~0.5~~ .1	
~~10~~	~~MATPSS~~	~~TEST~~	~~.~~	~~.~~	~~T~~						~~A2-1/20~~	~~1~~	~~.~~	~~0.5~~	
~~10~~	~~MATPSS~~	~~TEST~~	~~.~~	~~.~~	~~F~~						~~A2-0/0~~	~~1~~	~~.~~	~~0.5~~	
~~20~~	~~MATPSS~~	~~TEST~~	~~1.00~~	~~.~~	~~T~~										
~~20~~	~~MATPSS~~	~~TEST~~	~~.~~	~~.~~	~~S~~										
20	MATPSS	TEST	.	1.0	P	8602BC10 ~~B/WB-10~~		1	.	.3 ~~0.5~~	A-47 ~~AB-10/1~~	1	.	.3 ~~0.5~~	
~~20~~	~~MATPSS~~	~~TEST~~	~~.~~	~~.~~	~~2~~						~~AB-1/20~~	~~1~~	~~.~~	~~0.5~~	
~~20~~	~~MATPSS~~	~~TEST~~	~~.~~	~~.~~	~~F~~						~~A2-0/0~~	~~1~~	~~.~~	~~0.5~~	
~~30~~	~~MATPSS~~	~~TEST~~	~~0.02~~	~~.~~	~~T~~										
~~30~~	~~MATPSS~~	~~TEST~~	~~.~~	~~.~~	~~S~~										
40	MATPSS	TEST	.	1.0	P	8602BC10 ~~B/WB-10~~		1	.	.1 ~~0.5~~	A-47 ~~AB-10/1~~	1	.	.1 ~~0.5~~	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 2 OF ___

ITEM CD PCN 08005A WCD TA330K WCDDATE 87059

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~40~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A8-1/28~~	~~1~~		~~0.0~~	
~~40~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-0/3~~	~~1~~		~~0.0~~	
~~50~~	~~MATPSS~~	~~TEST~~	~~1.00~~		~~I~~										
~~50~~	~~MATPSS~~	~~TEST~~			~~S~~										
50	MATPSS	TEST	1.0		P		8602BC10 ~~WG-10~~	1		0.1	A-47 ~~A2-10/1~~	1	1	~~0.1~~	
~~50~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A8-1/28~~	~~1~~		~~0.1~~	
~~50~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-0/3~~	~~1~~		~~0.1~~	
~~60~~	~~MATPSS~~	~~TEST~~	~~0.02~~		~~I~~										
~~60~~	~~MATPSS~~	~~TEST~~			~~S~~										
60	MATPSS	TEST	1.0		P		8602BC10 ~~WG-10~~	1		0.1	A-47 A2-10/1	1	1	~~0.1~~	
~~60~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A8-1/28~~	~~1~~		~~0.1~~	
~~60~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-0/3~~	~~1~~		~~0.1~~	

SAS

8:18 TUESDAY, MARCH 28, 1989 83

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 3 OF ___

ITEM CD PCN 08005A WCD TA330K WCDDATE 87059

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~70~~	~~MATPSS~~	~~TEST~~	~~1.00~~	.	~~T~~										
~~70~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~										
70	MATPSS	TEST	.	1.0	P		~~8602BC10 WG-10~~	1	.	0.1	A-47 A2-10/1	1	.	.1 0.1	
~~70~~	~~MATPSS~~	~~TEST~~	.	.	~~P~~						~~A8-1/28~~	~~1~~	.	~~0.1~~	
~~70~~	~~MATPSS~~	~~TEST~~	.	.	~~P~~						~~A2-0/3~~	~~1~~		~~0.1~~	
~~80~~	~~MATPSS~~	~~TEST~~	~~1.00~~	.	~~T~~										
~~80~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~										
80	MATPSS	TEST	.	1.0	P		~~8602BC10 WG-10~~	1	.	0.1	A-47 A2-10/1	1	1	.1 0.1	
~~80~~	~~MATPSS~~	~~TEST~~	.	.	~~P~~						~~A8-1/28~~	~~1~~	.	~~0.1~~	
~~80~~	~~MATPSS~~	~~TEST~~	.	.	~~P~~						~~A2-0/3~~	~~1~~		~~0.1~~	
90	MATPSS	TEST	1.00	.	T										
90	MATPSS	TEST	.	.	S										
90	MATPSS	TEST	.	1.0	P		~~8602BC10 WG-10~~	1	.	0.2	A-47 ~~A2-10/1~~	1		.2 ~~0.2~~	

SAS

8:18 TUESDAY, MARCH 28, 1989 84

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 4 OF ___

ITEM CD PCN 08005A WCD TA330K WCDDATE 87059

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~90~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A8-1/28~~	~~1~~		~~0.2~~	
~~90~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-0/3~~	~~1~~		~~0.2~~	
~~100~~	~~MATPSS~~	~~TEST~~	~~1.00~~		~~I~~										
~~100~~	~~MATPSS~~	~~TEST~~			~~S~~										
100	MATPSS	TEST	1.0		P		~~Lj~~ 8602BC10 ~~WG-10~~	1		0.2	A-47 A2-10/1	1		.2 ~~0.2~~	
~~100~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A8-1/28~~	~~1~~		~~0.2~~	
~~100~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-0/3~~	~~1~~		~~0.2~~	
~~110~~	~~MATPSS~~	~~TEST~~	~~1.00~~		~~I~~										
~~110~~	~~MATPSS~~	~~TEST~~			~~S~~										
110	MATPSS	TEST	1.0		P		~~Lj~~ 8602BC10 ~~WG-10~~	1		~~0.2~~ .1	A-47 ~~A2-10/1~~	1		.1 ~~0.2~~	
~~110~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A8-1/28~~	~~1~~		~~0.3~~	
~~110~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-0/3~~	~~1~~		~~0.3~~	

SAS

8:18 TUESDAY, MARCH 28, 1989 85

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RGC MATPSS SHEET 5 OF ___

ITEM CD PCN 08005A WCD TA330K WCDDATE 87059

OPER NUMB	RCC	OPER DESC	HIST OCCR	AND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~110~~	~~MATPSS~~	~~TEST~~	~~1.0~~		~~P~~										
~~120~~	~~MATPSS~~	~~TEST~~			~~S~~										
120	MATPSS	TEST		1.0	P		8602BC10	1		0.1	A-47	1		0.0	
~~120~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A8-1728~~	~~1~~		~~0.0~~	
~~120~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-0/8~~	~~1~~		~~0.0~~	
~~130~~	~~MATPSS~~	~~TEST~~	~~0.90~~		~~P~~										
~~130~~	~~MATPSS~~	~~TEST~~			~~S~~										
130	MATPSS	TEST		1.0	P		8602BC10	1		0.1	A-47	1		.2	
~~130~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A8-1728~~			~~0.0~~	
~~130~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-0/8~~	~~1~~		~~0.0~~	
~~140~~	~~MATPSS~~	~~TEST~~	~~0.90~~		~~P~~										
~~140~~	~~MATPSS~~	~~TEST~~			~~S~~										
140	MATPSS	TEST		1.0	P		8602BC10	1		.2	A-47	1		.2	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 6 OF ___

ITEM CD PCN 08005A WCD TA330K WCDDATE 87059

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~140~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A8-1728~~	~~1~~		~~0.0~~	
~~160~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-0/3~~	~~1~~		~~0.0~~	
~~150~~	~~MATPSS~~	~~TEST~~	~~0.00~~		~~T~~										
~~150~~	~~MATPSS~~	~~TEST~~			~~S~~										
150	MATPSS	TEST	.	1.0	P		~~8602BC10~~	1	.	.2	A-47 ~~0.1 A2-10/2~~	1	.	.2 ~~0.0~~	
~~150~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A8-1728~~			~~0.0~~	
~~160~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-0/3~~	~~1~~		~~0~~	
~~160~~	~~MATPSS~~	~~TEST~~	~~0.00~~		~~T~~										
~~160~~	~~MATPSS~~	~~TEST~~			~~S~~										
160	MATPSS	TEST	.	1.0	P		~~8602BC10~~	1	.	.8 0.2	A-47 ~~A2-10/1~~	~~1~~ 1	.	.8 ~~0.2~~	
~~160~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A8-1728~~	~~1~~		~~0.2~~	
~~160~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A8-1728~~	~~1~~		~~0.2~~	

SAS

8:18 TUESDAY, MARCH 28, 1989 87

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 2 OF ___

ITEM CD PCN 08005A WCD TA330K WCDDATE 87059

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~170~~	~~MATPSS~~	~~TEST~~	~~0.98~~		~~T~~										
~~170~~	~~MATPSS~~	~~TEST~~			~~S~~										
180 ~~170~~	MATPSS	TEST		1.0	P		8602BC10 ~~WG-10~~	1		.1 ~~0.2~~	A-47 ~~A2-10/1~~	1		.1 ~~0.2~~	
~~170~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A8-1728~~	~~1~~		~~0.2~~	
~~170~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-0X3~~	~~1~~		~~0.2~~	
~~180~~	~~MATPSS~~	~~TEST~~	~~0.98~~		~~T~~										
~~180~~	~~MATPSS~~	~~TEST~~			~~S~~										
185 ~~180~~	MATPSS	TEST		1.0	P		8602BC10 ~~WG-10~~	1		.1 ~~0.0~~	A-47 ~~A2-10/1~~	1		.1 ~~0.0~~	
~~180~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A8-1728~~	~~1~~		~~0.0~~	
~~180~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-0X3~~	~~1~~		~~0.0~~	
~~190~~	~~MATPSS~~	~~TEST~~	~~0.82~~		~~T~~										
~~190~~	~~MATPSS~~	~~TEST~~			~~S~~										
190	MATPSS	TEST		1.0	P		8602BC10 ~~WG-10~~	1		.1 ~~0.0~~	A-47 ~~A2-10/1~~	1		.1 ~~0.3~~	

SAS

8:18 TUESDAY, MARCH 28, 1989 88

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 8 OF ___

ITEM CD PCN 08005A WCD TA330K WCDDATE 87059

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~190~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-1/2B~~	~~1~~		~~0.3~~	
~~190~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-0/2B~~	~~1~~		~~0.3~~	
~~200~~	~~MATPSS~~	~~TEST~~	~~0.98~~		~~1~~										
~~200~~	~~MATPSS~~	~~TEST~~			~~S~~										
200	MATPSS	TEST		1.0	P		~~BL~~ E602BC10 ~~WG-10~~	1		~~0.3~~ .2	~~A2-10/1~~ A-47	1		~~0.3~~ .2	
~~200~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-1/2B~~	~~1~~		~~0.3~~	
~~200~~	~~MATPSS~~	~~TEST~~			~~P~~						~~A2-0/2B~~	~~1~~		~~0.3~~	
~~210~~	~~MATPSS~~	~~DIS~~ TEST	~~0.98~~		~~1~~										
~~210~~	~~MATPSS~~	~~DIS~~ TEST			~~S~~										
210	MATPSS	~~DIG~~ TEST		1.0	~~P~~ S		~~BL~~ 8602BC10 ~~WG-8~~	1		~~1.0~~ .3	A-47	1		.3	
~~220~~	~~MATPSS~~	~~DIS~~ TEST	~~0.98~~		~~1~~										
~~220~~	~~MATPSS~~	~~DIS~~ TEST			~~S~~										

SAS

OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 89

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 9 OF ___

ITEM CD PCN 08005A WCD TA330K WCDDATE 87059

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
220	MATPSS	~~DIG~~ TEST	.	.	P		~~WG-5~~ 8602BC10	1	.	~~0.1~~					
~~230~~	~~MATPSS~~	~~ASSY~~	~~0.06~~		T										
~~240~~	~~MATPSS~~	~~ASSY~~			S										
230	MATPSS	ASSY	.	1.0	P		~~EC/WG-8~~ 8602BC09	1	.	~~0.8~~ .5	A-WB002	1	.	0.5	
240	MATPSS	MOVE	.	1.0	T		~~BC/WG-5~~ 8602BC05	1	.	.9					MOVE TO PAINT SHOP
~~240~~	~~MATPSS~~	~~MOVE~~			S										
~~240~~	~~MATPSS~~	~~MOVE~~			~~P~~		~~BC/WG-5~~	~~1~~	~~.~~	~~0.2~~					
~~250~~	~~MATPMM~~	~~PAIN~~	~~0.04~~		T										
~~250~~	~~MATPMM~~	~~PAIN~~			S										
250	MATPMM	PAIN	.	1.0	P	5.0		1	.	2.0					
252	~~MAATSE~~ MATSS	MOVE	0.02	1.0	T		~~BC/WG-5~~ 8602BC05	1	.	.1					
~~252~~	~~MAATSE~~	~~MOVE~~			S										
252	MAATSE	MOVE	.	.	P										

SAS

8:18 TUESDAY, MARCH 28, 1988 90

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 10 OF ___

ITEM CD PCN 08005A WCD TA330K WCDDATE 87059

OPER NUMB	RCC	OPER DI	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
254	MATPSS	ASSY	0.90	.	T	.		.	.	.1		.	.	.	
254	MATPSS	ASSY	.	.	S	.		.	.	.		.	.	.	
254	MATPSS	ASSY	.	1.0	P	16.0	8602.BC09 ~~WO-10~~	1	.	~~.5~~		.	.	.	
260	MATPSS	ASSY ~~TEST~~	0.90	1.0	T		8602.BC05 ~~Fitter~~	1	.	.1		.	.	.	
~~260~~	~~MATPSS~~	~~TEST~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
260	MATPSS	ASSY ~~TEST~~	.	1.0	P		8602.BC09 ~~WO-10~~	1	.	~~.2.0~~ .4		.	.	.	

OPERATIO.. PROFILE

RH AMAD TEST

NAME BILL MORGAN ALC SA DATE 4-10-89 RCC MATPSS SHEET 1 OF 1

PCN
NSN
P/N 08005A WCD TA330K WCD DATE 89058

OPERATION NUMBER	RCC	OPERATION DESCRIPTION	MANDATORY OCCURRENCE FACTOR	OPERATION TYPE	MANDATORY FLOW HOURS %	MANDATORY FLOW HOURS HRS.	MANPOWER SKILL CODE/ LEVEL	MANPOWER QTY.	MANPOWER TIME REQUIRED %	MANPOWER TIME REQUIRED HRS.	EQUIPMENT EQUIPMENT CODE	EQUIPMENT QTY.	EQUIPMENT TIME REQUIRED %	EQUIPMENT TIME REQUIRED HRS.	DATA SOURCE COMMENTS
				TRANSIT											
				SETUP											
				PROCESS											
05	MATPSS	SET UP		TRANSIT											
				SETUP				1	100	.5	A-47	1	100	.5	TEST SET
				~~PROCESS~~											
				TRANSIT											
				SETUP											
				PROCESS											
				TRANSIT											
				SETUP											
				PROCESS											
				TRANSIT											
				SETUP											
				PROCESS											

LSC-2(X)92C

FLOW PROCESS CHART

SUBJECT F15 AMAD RH TEST DATE 5-26-89

ITEM CODE
PCN ■
NSN □
P/N □

WCD TA330K WCD DATE 89058

08005K

CHART BEGINS 5

CHART ENDS 260 PREPARED BY AP Holm

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
5	—	●▷D□▽	S/U			○▷D□▽	
10	10	●▷D□▽	TEST			○▷D□▽	
20	20	●▷D□▽	TEST			○▷D□▽	
40	40	●▷D□▽	TEST			○▷D□▽	
50	50	●▷D□▽	TEST			○▷D□▽	
60	60	●▷D□▽	TEST			○▷D□▽	
70	70	●▷D□▽	TEST			○▷D□▽	
80	80	●▷D□▽	TEST			○▷D□▽	
90	90	●▷D□▽	TEST			○▷D□▽	
100	100	●▷D□▽	TEST			○▷D□▽	
110	110	●▷D□▽	TEST			○▷D□▽	
120	120	●▷D□▽	TEST			○▷D□▽	
130	130	●▷D□▽	TEST			○▷D□▽	
140	140	●▷D□▽	TEST			○▷D□▽	
150	150	●▷D□▽	TEST			○▷D□▽	
160	160	●▷D□▽	TEST			○▷D□▽	
180	180	●▷D□▽	TEST			○▷D□▽	
185	185	●▷D□▽	TEST			○▷D□▽	
190	190	●▷D□▽	TEST			○▷D□▽	
200	200	●▷D□▽	TEST			○▷D□▽	
210	210	●▷D□▽	S/U			○▷D□▽	
220	220	●▷D□▽	TEST			○▷D□▽	
230	230	●▷D□▽	ASSY			○▷D□▽	
240	240	○▶D□▽	MOVE			○▷D□▽	
250	250	●▷D□▽	PAINT/BS			○▷D□▽	
252	252	○▶D□▽	MOVE			○▷D□▽	
254	254	●▷D□▽	ASSY			○▷D□▽	
260	260	●▷D□▽	ASSY			○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

▷ TRANSPORTATION D DELAY

LSC-20147

NAME:HOLM ALC: SA RCC:MATPSS

PCN: 08006A WCD: TA500H WCDDATE:88263

OP #	RCC	OP DESC	OCCU FAC	OP TYPE	MAND %	FLOW HRS	SKIL CODE	QTY	TIME %	REQ HRS	EQUIP CODE	QTY	TIME %	REQ HRS
5	MATPSI	ROUTE	1	T										
10	MATPSI	ROUTE	1	T										
20	MATPSS	NOTE	1	S			8602BC09	1		0				
30	MATPSS	VIS	1	P			8602BC09	1		0.04				
31	MATPSS	VIS	1	P			8602BC09	1		0.03				
32	MATPSS	VIS	1	P			8602BC09	1		0.03				
33	MATPSS	VIS	1	P			8602BC09	1		0.04				
34	MATPSS	VIS	1	P			8602BC09	1		0.03				
35	MATPSS	VIS	1	P			8602BC09	1		0.03				
36	MATPSS	VIS	1	P			8602BC09	1		0.04				
37	MATPSS	VIS	1	P			8602BC09	1		0.03				
38	MATPSS	VIS	1	P			8602BC09	1		0.03				
55	MATPSS	VIS	1	P			8602BC09	1		0.04				
60	MATPSS	VIS	1	P			8602BC09	1		0.03				
65	MATPSS	VIS	1	P			8602BC09	1		0.03				
68	MATPSS	VIS	1	P			8602BC09	1		0.04				
70	MATPSS	VIS	1	P			8602BC09	1		0.03				
71	MATPSS	VIS	1	P			8602BC09	1		0.03				
72	MATPSS	VIS	1	P			8602BC09	1		0.04				
75	MATPSS	VIS	1	P			8602BC09	1		0.03				
80	MATPSS	VIS	1	P			8602BC09	1		0.03				
85	MATPSS	VIS	1	P			8602BC09	1		0.04				
90	MATPSS	VIS	1	P			8602BC09	1		0.03				
95	MATPSS	VIS	1	P			8602BC09	1		0.03				
105	MATPSS	VIS	1	P			8602BC09	1		0.04				
120	MATPSS	VIS	1	P			8602BC09	1		0.03				
121	MATPSS	VIS	1	P			8602BC09	1		0.03				
132	MATPSS	VIS	1	P			8602BC09	1		0.04				
133	MATPSS	VIS	1	P			8602BC09	1		0.03				
134	MATPSS	VIS	1	P			8602BC09	1		0.03				
140	MATPSS	VIS	1	P			8602BC09	1		0.04				
145	MATPSS	VIS	1	P			8602BC09	1		0.03				
146	MATPSS	VIS	1	P			8602BC09	1		0.03				
147	MATPSS	VIS	1	P			8602BC09	1		0.04				
150	MATPSS	VIS	1	P			8602BC09	1		0.03				
151	MATPSS	VIS	1	P			8602BC09	1		0.03				
152	MATPSS	VIS	1	P			8602BC09	1		0.04				
160	MATPSS	VIS	1	P			8602BC09	1		0.03				
165	MATPSS	VIS	1	P			8602BC09	1		0.03				
166	MATPSS	VIS	1	P			8602BC09	1		0.04				
167	MATPSS	VIS	1	P			8602BC09	1		0.03				
168	MATPSS	VIS	1	P			8602BC09	1		0.03				
170	MATPSS	VIS	1	P			8602BC09	1		0.04				
185	MATPSS	VIS	1	P			8602BC09	1		0.03				
190	MATPSS	VIS	1	P			8602BC09	1		0.03				
191	MATPSS	VIS	1	P			8602BC09	1		0.04				
192	MATPSS	VIS	1	P			8602BC09	1		0.03				
193	MATPSS	VIS	1	P			8602BC09	1		0.03				
194	MATPSS	VIS	1	P			8602BC09	1		0.04				
210	MATPSS	VIS	1	P			8602BC09	1		0.03				
215	MATPSS	VIS	1	P			8602BC09	1		0.03				
225	MATPSS	VIS	1	P			8602BC09	1		0.04				
230	MATPSS	VIS	1	P			8602BC09	1		0.03				
235	MATPSS	VIS	1	P			8602BC09	1		0.03				
240	MATPSS	VIS	1	P			8602BC09	1		0.04				
242	MATPSS	VIS	1	P			8602BC09	1		0.03				

F15 IFS Gas Gen/Rotating Assy Balance

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SAS

OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 104

NAME A. Holm ALC SA DATE 4-18-89 RCC MATPSS SHEET 1 OF ___

ITEM CD PCN 08006A WCD TA103H WCDDATE 88271

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	x	HRS	EQUIP CODE	QTY	x	HRS	NOTES
5	MATPSS	ASSY	1.00	1.0	P		8602BC09	1	.	.3	G-21	1	.	.3	Stevan Reyes Mec
5	MATPSS	ASSY	.	.	P			.	.	.	X-9	1	.	.3	
5	MATPSS	ASSY	.	.	P	.	~~8602BC09~~	~~1~~	.	~~0.1~~	X-10	1	.	0.3	
~~8~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~8~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.		.	.	.	
8	MATPSS	ASSY	.	1.0	P	.	~~8602BC09~~	1	.	0.1	G-21	1	.	0.1	
~~10~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~10~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.		.	.	.	
10	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.1	G-21	1	.	0.1	
~~15~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~15~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.		.	.	.	
15	MATPSS	ASSY	.	1.0	P	.	~~8602BC09~~	1	.	~~0.1~~	G-21	1	.	~~0.1~~	
~~20~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	

SAS

OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1988 105

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 2 OF ___

ITEM CD PCN 08006A WCD TA103H WCDDATE 88271

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~20~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
20	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.2	G-21	1	.	0.2	
20	MATPSS	ASSY	.	.	P	.		.	.	.	G-22	1	.	0.2	
~~25~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~25~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
25	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	~~0.2~~ 1	G-21	1	.	~~0.2~~ .1	
25	MATPSS	ASSY	.	.	P	.		.	.	.	G-22	1	.	~~0.2~~ .1	
~~28~~	~~MATPSS~~	~~ASSY~~	~~0.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~28~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
28	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.5	G-51	1	.	0.5	
35	MATPSS	MOVE	0.13	1.0	T	.	8602BC09	1	.	.2		.	.	.	
~~35~~	~~MATPSS~~	~~MOVE~~	.	.	~~S~~	.		.	.	.		.	.	.	

SAS

8:1. TUESDAY, MARCH 28, 1989 106

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 3 OF ___

ITEM CD PCN 08006A WCD TA103H WCDDATE 88271

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP C..	QTY	%	HRS	NOTES
~~35~~	~~MATPSS~~	~~MOVE~~	.	.	~~P~~	.	~~WG-8~~	~~1~~	.	~~.2~~		.	.	.	
~~40~~	~~MATPSS~~	~~S/U~~	~~0.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~40~~	~~MATPSS~~	~~S/U~~	.	.	~~S~~	.		.	.	.		.	.	.	
40	MATPSS	S/U	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	~~1.5~~ .1	G-101	1	.	.1	
~~50~~	~~MATPSS~~	~~BAL~~	~~0.95~~	.	~~T~~	.		.	.	.		.	.	.	
~~50~~	~~MATPSS~~	~~BAL~~	.	.	~~S~~	.		.	.	.		.	.	.	
50	MATPSS	BAL	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.2	G-101	1	.	.2	
55	MATPSS	BAL		.8	P		8602BC09	1		.2	G101	1		.2	
56	MATPSS	MOVE	0.97	1.0	T		8602BC09	1	.	.2		.	.	.	
~~56~~	~~MATPSS~~	~~MOVE~~	.	.	~~S~~	.		.	.	.		.	.	.	
~~56~~	~~MATPSS~~	~~MOVE~~	.	.	~~P~~	.	~~WG-8~~	~~1~~	.	~~0.2~~		.	.	.	
~~65~~	~~MATPSS~~	~~BAL~~	~~0.81~~	.	~~T~~	.		.	.	.		.	.	.	
~~65~~	~~MATPSS~~	~~BAL~~	.	.	~~S~~	.		.	.	.		.	.	.	
65	MATPSS	BAL	.	.8	P	.	~~WG-8~~ 8602BC09	1	.	0.5	G101	1.	.	.5	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 4 OF ___

ITEM CD PCN 08006A WCD TA103H WCDDATE 88271

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~70~~	~~MATPSS~~	~~BAL~~	~~0.00~~	.	~~T~~	.	.	.	.	.	.	.	.	.	
~~70~~	~~MATPSS~~	~~BAL~~	.	.	~~S~~	.	.	.	.	.	.	.	.	.	
70	MATPSS	BAL	.	1.0	P	.	8602BC69 ~~WG-9~~	1	.	.1 ~~0.2~~		.	.	.	
75	MATPSS	MOVE	0.06	1.0	T	.	8602BC09	1	.	.2		.	.	.	
~~75~~	~~MATPSS~~	~~MOVE~~	.	.	~~S~~	.	.	.	.	.	.	.	.	.	
~~35~~	~~MATPSS~~	~~MOVE~~	.	.	~~P~~	.	~~WG-9~~	~~1~~	.	~~0.2~~		.	.	.	

FLOW PROCESS CHART

SUBJECT F15 JFS Gas Gen/Rotating [illegible] Balance DATE 5-22-89

ITEM CODE
PCN ■
NSN □
P/N □ 08006A

WCD TA103H WCD DATE 88271

CHART BEGINS 5

CHART ENDS 75 PREPARED BY AP Holm

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
5	5	●▷D□▽	ASSY			○▷D□▽	
6	6	●▷D□▽	ASSY			○▷D□▽	
10	10	●▷D□▽	ASSY			○▷D□▽	
15	15	●▷D□▽	ASSY			○▷D□▽	
20	20	●▷D□▽	ASSY			○▷D□▽	
25	25	●▷D□▽	ASSY			○▷D□▽	
28	28	●▷D□▽	ASSY			○▷D□▽	
35	35	○●D□▽	MOVE			○▷D□▽	
40	40	●▷D□▽	ASSY			○▷D□▽	
50	50	●▷D□▽	BAL			○▷D□▽	
55	55	●▷D□▽	BAL			○▷D□▽	
56	56	○●D□▽	MOVE			○▷D□▽	
65	65	●▷D□▽	BAL			○▷D□▽	
70	70	●▷D□▽	BAL			○▷D□▽	
75	75	○●D□▽	MOVE			○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

▷ TRANSPORTATION D DELAY

LSC-20147

FLOW PROCESS CHART

SUBJECT F15 JFS Gas Gen/Rotating [illegible], Balance DATE 5-22-89

ITEM CODE
PCN ■
NSN □
P/N □ 08006A

WCD TA103H WCD DATE 88271

CHART BEGINS 5

CHART ENDS 75 PREPARED BY APHolm

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
5	5	●▷D□▽	ASSY			○▷D□▽	
6	6	●▷D□▽	ASSY			○▷D□▽	
10	10	●▷D□▽	ASSY			○▷D□▽	
15	15	●▷D□▽	ASSY			○▷D□▽	
20	20	●▷D□▽	ASSY			○▷D□▽	
25	25	●▷D□▽	ASSY			○▷D□▽	
28	28	●▷D□▽	ASSY			○▷D□▽	
35	35	○●D□▽	MOVE			○▷D□▽	
40	40	●▷D□▽	ASSY			○▷D□▽	
50	50	●▷D□▽	BAL			○▷D□▽	
55	55	●▷D□▽	BAL			○▷D□▽	
56	56	○●D□▽	MOVE			○▷D□▽	
65	65	●▷D□▽	BAL			○▷D□▽	
70	70	●▷D□▽	BAL			○▷D□▽	
75	75	○●D□▽	MOVE			○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
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		○▷D□▽				○▷D□▽	
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		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

▷ TRANSPORTATION D DELAY

LSC-20147

NAME:HOLM ALC: SA RCC:MATPSS
PCN: 08006A WCD: TA500H WCDDATE:88263

OP #	RCC	OP DESC	OCCU FAC	OP TYPE	MAND %	FLOW HRS	SKIL CODE	QTY	TIME %	REQ HRS	EQUIP CODE	QTY	TIME %	REQ HRS
5	MATPSI	RTE	1	T										
10	MATPSI	RTE	1	T										
20	MATPSS	NOTE	1	S			8602BC09	1		0				
30	MATPSS	VIS	1	P			8602BC09	1		0.04				
31	MATPSS	VIS	1	P			8602BC09	1		0.03				
32	MATPSS	VIS	1	P			8602BC09	1		0.03				
33	MATPSS	VIS	1	P			8602BC09	1		0.04				
34	MATPSS	VIS	1	P			8602BC09	1		0.03				
35	MATPSS	VIS	1	P			8602BC09	1		0.03				
36	MATPSS	VIS	1	P			8602BC09	1		0.04				
37	MATPSS	VIS	1	P			8602BC09	1		0.03				
38	MATPSS	VIS	1	P			8602BC09	1		0.03				
55	MATPSS	VIS	1	P			8602BC09	1		0.04				
60	MATPSS	VIS	1	P			8602BC09	1		0.03				
65	MATPSS	VIS	1	P			8602BC09	1		0.03				
68	MATPSS	VIS	1	P			8602BC09	1		0.04				
70	MATPSS	VIS	1	P			8602BC09	1		0.03				
71	MATPSS	VIS	1	P			8602BC09	1		0.03				
72	MATPSS	VIS	1	P			8602BC09	1		0.04				
75	MATPSS	VIS	1	P			8602BC09	1		0.03				
80	MATPSS	VIS	1	P			8602BC09	1		0.03				
85	MATPSS	VIS	1	P			8602BC09	1		0.04				
90	MATPSS	VIS	1	P			8602BC09	1		0.03				
95	MATPSS	VIS	1	P			8602BC09	1		0.03				
105	MATPSS	VIS	1	P			8602BC09	1		0.04				
120	MATPSS	VIS	1	P			8602BC09	1		0.03				
131	MATPSS	VIS	1	P			8602BC09	1		0.03				
132	MATPSS	VIS	1	P			8602BC09	1		0.04				
133	MATPSS	VIS	1	P			8602BC09	1		0.03				
134	MATPSS	VIS	1	P			8602BC09	1		0.03				
140	MATPSS	VIS	1	P			8602BC09	1		0.04				
145	MATPSS	VIS	1	P			8602BC09	1		0.03				
146	MATPSS	VIS	1	P			8602BC09	1		0.03				
147	MATPSS	VIS	1	P			8602BC09	1		0.04				
150	MATPSS	VIS	1	P			8602BC09	1		0.03				
151	MATPSS	VIS	1	P			8602BC09	1		0.03				
152	MATPSS	VIS	1	P			8602BC09	1		0.04				

160 MATPSS VIS 1 P

160	MATPSS	VIS	1	P	8602BC09	1	0.03
165	MATPSS	VIS	1	P	8602BC09	1	0.03
166	MATPSS	VIS	1	P	8602BC09	1	0.04
167	MATPSS	VIS	1	P	8602BC09	1	0.03
168	MATPSS	VIS	1	P	8602BC09	1	0.03
170	MATPSS	VIS	1	P	8602BC09	1	0.04
185	MATPSS	VIS	1	P	8602BC09	1	0.03
190	MATPSS	VIS	1	P	8602BC09	1	0.03
191	MATPSS	VIS	1	P	8602BC09	1	0.04
192	MATPSS	VIS	1	P	8602BC09	1	0.03
193	MATPSS	VIS	1	P	8602BC09	1	0.03
194	MATPSS	VIS	1	P	8602BC09	1	0.04
210	MATPSS	VIS	1	P	8602BC09	1	0.03
220	MATPSS	VIS	1	P	8602BC09	1	0.03
225	MATPSS	VIS	1	P	8602BC09	1	0.04
230	MATPSS	VIS	1	P	8602BC09	1	0.03
305	MATPSS	VIS	1	P	8602BC09	1	0.03
310	MATPSS	VIS	1	P	8602BC09	1	0.04
312	MATPSS	VIS	1	P	8602BC09	1	0.03
315	MATPSS	VIS	1	P	8602BC09	1	0.03
320	MATPSS	VIS	1	P	8602BC09	1	0.04
325	MATPSS	VIS	1	P	8602BC09	1	0.03

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160	MATPSS	VIS	1	P	8602BC09	1	0.03
165	MATPSS	VIS	1	P	8602BC09	1	0.03
166	MATPSS	VIS	1	P	8602BC09	1	0.04
167	MATPSS	VIS	1	P	8602BC09	1	0.03
168	MATPSS	VIS	1	P	8602BC09	1	0.03
170	MATPSS	VIS	1	P	8602BC09	1	0.04
185	MATPSS	VIS	1	P	8602BC09	1	0.03
190	MATPSS	VIS	1	P	8602BC09	1	0.03
191	MATPSS	VIS	1	P	8602BC09	1	0.04
192	MATPSS	VIS	1	P	8602BC09	1	0.03
193	MATPSS	VIS	1	P	8602BC09	1	0.03
194	MATPSS	VIS	1	P	8602BC09	1	0.04
210	MATPSS	VIS	1	P	8602BC09	1	0.03
220	MATPSS	VIS	1	P	8602BC09	1	0.03
225	MATPSS	VIS	1	P	8602BC09	1	0.04
230	MATPSS	VIS	1	P	8602BC09	1	0.03
305	MATPSS	VIS	1	P	8602BC09	1	0.03
310	MATPSS	VIS	1	P	8602BC09	1	0.04
312	MATPSS	VIS	1	P	8602BC09	1	0.03
315	MATPSS	VIS	1	P	8602BC09	1	0.03
320	MATPSS	VIS	1	P	8602BC09	1	0.04
325	MATPSS	VIS	1	P	8602BC09	1	0.03

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FLOW PROCESS CHART

SUBJECT F15 JFS Visual Inspected Parts DATE 5-22-89

ITEM CODE
PCN ■
NSN □
P/N □

WCD TA500H WCD DATE 88263

08006A

CHART BEGINS 5

CHART ENDS 325 PREPARED BY AP Holm

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
5	5	○▶D□▽	Route	146	146	○▷D■▽	INSP
10	10	○▶D□▽	Route	147	147	○▷D■▽	INSP
20	20	○▷D■▽	Note	150	150	○▷D■▽	INSP
30	30	○▷D■▽	INSP	151	151	○▷D■▽	INSP
31	31	○▷D■▽	INSP	152	152	○▷D■▽	INSP
32	32	○▷D■▽	INSP	160	160	○▷D■▽	INSP
33	33	○▷D■▽	INSP	165	165	○▷D■▽	INSP
34	34	○▷D■▽	INSP	166	166	○▷D■▽	INSP
35	35	○▷D■▽	INSP	167	167	○▷D■▽	INSP
36	36	○▷D■▽	INSP	168	168	○▷D■▽	INSP
37	37	○▷D■▽	INSP	170	170	○▷D■▽	INSP
38	38	○▷D■▽	INSP	185	185	○▷D■▽	INSP
55	55	○▷D■▽	INSP	190	190	○▷D■▽	INSP
60	60	○▷D■▽	INSP	191	191	○▷D■▽	INSP
65	65	○▷D■▽	INSP	192	192	○▷D■▽	INSP
68	68	○▷D■▽	INSP	193	193	○▷D■▽	INSP
70	70	○▷D■▽	INSP	194	194	○▷D■▽	INSP
71	71	○▷D■▽	INSP	210	210	○▷D■▽	INSP
72	72	○▷D■▽	INSP	220	220	○▷D■▽	INSP
75	75	○▷D■▽	INSP	225	225	○▷D■▽	INSP
80	80	○▷D■▽	INSP	230	230	○▷D■▽	INSP
85	85	○▷D■▽	INSP	305	305	○▷D■▽	INSP
90	90	○▷D■▽	INSP	310	310	○▷D■▽	INSP
95	95	○▷D■▽	INSP	315	315	○▷D■▽	INSP
105	105	○▷D■▽	INSP	320	320	○▷D■▽	INSP
120	120	○▷D■▽	INSP	325	325	○▷D■▽	INSP
131	131	○▷D■▽	INSP			○▷D□▽	
132	132	○▷D■▽	INSP			○▷D□▽	
133	133	○▷D■▽	INSP			○▷D□▽	
134	134	○▷D■▽	INSP			○▷D□▽	
140	140	○▷D■▽	INSP			○▷D□▽	
145	145	○▷D■▽	INSP			○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

▷ TRANSPORTATION D DELAY

LSC-20147

F15 AFS ASSY
Gas Gen Module

SAS

OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 173

NAME ~~APHolm~~ ALC SA DATE 4-14-89 RCC MATPSS SHEET 1 OF 20

ITEM CD PCN 08006~~A~~ WCD TA104H ✓ WCDDATE 88065 ✓

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~5~~	~~MATPSS~~	~~ASSY~~	~~0.00~~	~~1~~	~~T~~										Juan Martinez 8602BC09 Joe Villarrell Supervisor
~~5~~	~~MATPSS~~	~~ASSY~~			~~S~~										
5	MATPSS	ASSY		1.0	P		8602BC09 ~~W8-8~~	1		0.5	G-62 ~~G-02~~	1		0.5	
~~5~~	~~MATPSS~~	~~ASSY~~			~~P~~						~~G-02~~	~~1~~		~~0.5~~	
5	MATPSS	ASSY			P						G-33	1		0.5	
~~10~~	~~MATPSS~~	~~ASSY~~	~~0.99~~		~~T~~										
~~10~~	~~MATPSS~~	~~ASSY~~			~~S~~										
10	MATPSS	ASSY		1.0	P		8602BC09 ~~W8-8~~	1		0.1					
~~15~~	~~MATPSS~~	~~ASSY~~	~~0.99~~		~~T~~										Ice only
~~15~~	~~MATPSS~~	~~ASSY~~			~~S~~										
3~~0~~	MATPSS	ASSY		1.0	P		8602BC09	1		.1	X-6 ~~G-02~~	1		.5 ~~0.5~~	Part placed in Dry Ice for .5 hr at start of OP5
~~15~~	~~MATPSS~~	~~ASSY~~			~~P~~						~~G-03~~	~~X~~		~~0.2~~	
~~20~~	~~MATPSS~~	~~ASSY~~	~~0.99~~		~~T~~										

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 2 OF ___

ITEM CD PCN 08006ASUB1 WCD TA104H WCDDATE 88065

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~20~~	~~MATPSS~~	~~ASSY~~			~~S~~										
20	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.1	G-39 ~~G-92~~	1	.	0.1	
~~20~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.					~~G-39~~	~~1~~	.	~~0.1~~	
~~20~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.					~~G-39~~	~~1~~	.	~~0.1~~	
~~25~~	~~MATPSS~~	~~ASSY~~	~~0.00~~		~~T~~										
~~25~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.									
25	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.1	~~G-92~~	1	.	0.1	
~~25~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.					G-33	~~1~~	.	~~0.1~~	
~~30~~	~~MATPSS~~	~~ASSY~~	~~0.00~~		~~T~~										
~~30~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.									
30	MATPSS	ASSY	.	.	P	.	8602BC09 ~~WG-8~~	1	.	.3 ~~0.2~~	G-60 ~~G-92~~	1	.	.3 ~~0.2~~	
~~30~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.					~~G-92~~	~~1~~	.	~~0.2~~	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 3 OF ___

ITEM CD PCN 08006ASUB1 WCD TA104H WCDDATE 88065

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~30~~	~~MATPSS~~	~~ASSY~~			~~P~~						~~G-33~~	~~1~~		~~0.2~~	
~~35~~	~~MATPSS~~	~~ASSY~~	~~0.99~~		~~T~~										
~~35~~	~~MATPSS~~	~~ASSY~~			~~S~~										
35	MATPSS	ASSY		1.0	P		8600BC09 ~~NG-0~~	1		0.1	~~G-30~~	~~1~~		~~0.1~~	
~~35~~	~~MATPSS~~	~~ASSY~~			~~P~~						~~G-33~~	~~1~~		~~0.1~~	
~~40~~	~~MATPSS~~	~~ASSY~~	~~0.99~~		~~T~~										
~~40~~	~~MATPSS~~	~~ASSY~~			~~S~~										
40	MATPSS	ASSY		1.0	P		8602BC09 ~~NG-0~~	1		0.3	G-61	1		0.3	
40	MATPSS	ASSY			P						G-30 ~~G-61~~	1		0.3	
~~40~~	~~MATPSS~~	~~ASSY~~			~~P~~						~~G-33~~	~~1~~		~~0.2~~	
~~40~~	~~MATPSS~~	~~ASSY~~			~~P~~						~~G-30~~	~~1~~		~~0.3~~	
~~45~~	~~MATPSS~~	~~ASSY~~	~~0.99~~		~~T~~										
~~45~~	~~MATPSS~~	~~ASSY~~			~~S~~										

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8:18 TUESDAY, MARCH 28, 1989 176

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 1 OF ___

ITEM CD PCN 08006ASUB1 WCD TA104H WCDDATE 88065

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
45	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.3	~~G-02~~	~~1~~	.	~~0.3~~	
~~45~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~P~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~G-30~~	~~1~~	~~.~~	~~0.3~~	
~~50~~	~~MATPSS~~	~~ASSY~~	~~0.00~~	~~.~~	~~T~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	
~~50~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	
50	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.3	G-14 ~~G-15~~	1	.	0.3	
50	MATPSS	ASSY	.	.	P	.	.	.	.	.	G-60 ~~G-00~~	1	.	0.3	
~~50~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~P~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~G-20~~	~~1~~	~~.~~	~~0.3~~	
~~50~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~P~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~G-60~~	~~1~~	~~.~~	~~0.3~~	
~~55~~	~~MATPSS~~	~~ASSY~~	~~0.00~~	~~.~~	~~T~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	
~~55~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~C~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	
55	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.3	~~G-02~~	~~1~~	.	~~0.3~~	
~~55~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~P~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~G-30~~	~~1~~	~~.~~	~~0.3~~	

(add op 55A later)

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8:18 TUESDAY, MARCH 28, 1989 177

OPERATION PROFILE

NAME _____ ALC SA DATE ____ RCC MATPSS SHEET 5 OF ___

ITEM CD PCN 08006ASUBJ WCD TA104H WCDDATE 88065

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
60	MATPSS	ASSY	0.99		T										
60	MATPSS	ASSY			S										
60	MATPSS	ASSY		1.0	P		8602BC09 WG-9	1		0.1	G-33	1		0.1	
60	MATPSS	ASSY			P						G-33	1		0.1	
65	MATPSS	ASSY	0.99		T										
65	MATPSS	ASSY			S										
65	MATPSS	ASSY		1.0	P		8602BC09 WG-9	1		0.3	G-81	1		0.3	
65	MATPSS	ASSY			P						G-81	1		0.0	
65	MATPSS	ASSY			P						G-33	1		0.0	
75	MATPSS	ASSY	0.99		T										
75	MATPSS	ASSY			S										
75	MATPSS	ASSY		1.0	P		8602BC09 WG-9	1		0.1	G-33	1		0.1	
75	MATPSS	ASSY			P						G-33	1		0.1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 6 OF ___

ITEM CD PCN 08006ASUB1 WCD TA104H WCDDATE 88065

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~76~~	~~MATPSS~~	~~ASSY~~	~~0.07~~	.	~~T~~	.		.	.	.		.	.	.	
~~76~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
76	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.1	~~G-32~~	~~1~~	.	~~0.1~~	
~~76~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~G-32~~	~~1~~	.	~~0.1~~	
~~85~~	~~MATPSS~~	~~ASSY~~	~~0.09~~	.	~~T~~	.		.	.	.		.	.	.	
~~85~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
85	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.1	~~G-32~~	~~1~~	.	~~0.1~~	
~~85~~	~~MATPSS~~	~~ASSY~~	.	.	~~T~~	.		.	.	.	~~G-41~~	~~1~~	.	~~0.1~~	
~~85~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~G-32~~	~~1~~	.	~~0.1~~	
~~90~~	~~MATPSS~~	~~ASSY~~	~~0.07~~	.	~~T~~	.		.	.	.		.	.	.	
~~90~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
90	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.1	G-32	1	.	0.1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 7 OF ___

ITEM CD PCN 08006ASUB1 WCD TA104H WCDDATE 88065

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
90	MATPSS	ASSY	.	.	P	.	.	.	.	.	G-33	1	.	0.1	
~~92~~	~~MATPSS~~	~~ASSY~~	~~0.13~~	~~.~~	~~T~~	.	.	.	.	.	.	.	.	.	
~~92~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.	.	.	.	.	.	.	.	.	
92	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	~~0.5~~ 0	~~G-33~~	~~1~~	.	~~0.1~~	No Labor Dry Ice
~~92~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~P~~	.	.	.	.	.	~~G-33~~	~~1~~	.	~~0.5~~	
~~95~~	~~MATPSS~~	~~ASSY~~	~~0.00~~	~~.~~	~~T~~	.	.	.	.	.	.	.	.	.	
~~95~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.	.	.	.	.	.	.	.	.	
95	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.3	G-32	1	.	0.3	+ Torch
95	MATPSS	ASSY	.	.	P	.	.	.	.	.	G-55	1	.	0.3	
95	MATPSS	ASSY			P						X-6	1		0.3	
95	MATPSS	ASSY	.	.	P	.	.	.	.	.	G-33	1	.	0.3	
~~100~~	~~MATPSS~~	~~ASSY~~	~~0.00~~	~~.~~	~~T~~	.	.	.	.	.	.	.	.	.	
~~100~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.	.	.	.	.	.	.	.	.	
100	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.3	G-32	1	.	0.3	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 8 OF ___

ITEM CD PCN 08006ASUB1 WCD TA104H WCDDATE 88065

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
100	MATPSS	ASSY	.	.	P	.		.	.	.	G-43	1	.	0.3	
100	MATPSS	ASSY	.	.	P.	.		.	.	.	G-33	1	.	0.3	
~~105~~	~~MATPSS~~	~~ASSY~~	~~0.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~105~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
105	MATPSS	ASSY	.	1.0	P	.	8602BC39 ~~WG 0~~	1	.	0.1	G-32	1	.	0.1	
105	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.1	
~~110~~	~~MATPSS~~	~~ASSY~~	~~0.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~110~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
110	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG 0~~	1	.	0.1	G-32	1	.	0.1	
110	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.1	
~~115~~	~~MATPSS~~	~~ASSY~~	~~0.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~115~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 9 OF ___

ITEM CD PCN 08006ASUB1 WCD TA104H WCDDATE 88065

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
115	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.1	G-32	1	.	0.1	
115	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.1	
~~120~~	~~MATPSS~~	~~ASSY~~	~~0.99~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~120~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
120	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.1	G-32	1	.	0.1	
120	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.1	
~~125~~	~~MATPSS~~	~~ASSY~~	~~0.99~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~125~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
125	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.3	G-32	1	.	0.3	
125	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.3	
~~130~~	~~MATPSS~~	~~ASSY~~	~~0.99~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~130~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
130	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.1	G-32	1	.	0.1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 10 OF ___

ITEM CD PCN 08006ASUB1 WCD TA104H WCDDATE 88065

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
130	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.1	
~~135~~	~~MATPSS~~	~~ASSY~~	~~0.07~~	.	~~T~~	.		.	.	.		.	.	.	
~~135~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
135	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.1	G-32	1	.	C	
135	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.1	
~~140~~	~~MATPSS~~	~~ASSY~~	~~0.07~~	.	~~T~~	.		.	.	.		.	.	.	
~~140~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
140	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.1	G-32	1	.	0.1	
140	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.1	
~~145~~	~~MATPSS~~	~~ASSY~~	~~0.07~~	.	~~T~~	.		.	.	.		.	.	.	
~~145~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
145	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.1	G-32	1	.	0.1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 11 OF ___

ITEM CD PCN 08006ASUB1 WCD TA104H WCDDATE 88065

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
145	MATPSS	ASSY	.	.	P			.	.	.	G-33	1	.	0.1	
~~150~~	~~MATPSS~~	~~ASSY~~	~~0.07~~	~~.~~	~~T~~			.	.	.		.	.	.	
~~150~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~			.	.	.		.	.	.	
150	MATPSS	ASSY	.	1.0	P		8602BC09 ~~WG-8~~	1	.	0.3	G-32	1	.	0.3	
150	MATPSS	ASSY	.	.	P			.	.	.	G-33	1	.	0.3	
150	MATPSS	ASSY	.	..	P			.	.	.	G-36	1	.	0.3	
150	MATPSS	ASSY	.	.	P			.	.	.	G-37	1	.	0.3	
150	MATPSS	ASSY	.	.	P			.	.	.	G-54	1	.	0.3	
~~155~~	~~MATPSS~~	~~ASSY~~	~~0.07~~	~~.~~	~~T~~			.	.	.		.	.	.	
~~155~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~			.	.	.		.	.	.	
155	MATPSS	ASSY	.	1.0	P		8602BC09 ~~WG-8~~	1	.	0.3	G-27	1	.	0.3	
155	MATPSS	ASSY	.	.	P			.	.	.	G-32	1	.	0.3	
155	MATPSS	ASSY	.	.	P			.	.	.	G-33	1	.	0.3	

SAS

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 12 OF ___

ITEM CD PCN 08006ASUB1 WCD TA104H WCDDATE 88065

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
155	MATPSS	ASSY	.	.	P	.		.	.	.	G-28	1	.	0.3	
~~160~~	~~MATPSS~~	~~ASSY~~	~~0.97~~	.	~~T~~	.		.	.	.		.	.	.	
~~160~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
160	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.1	G-32	1	.	0.1	
160	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.1	
~~165~~	~~MATPSS~~	~~ASSY~~	~~0.97~~	.	~~T~~	.		.	.	.		.	.	.	
~~165~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
165	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.1	G-32	1	.	0.1	
165	MATPSS	ASSY	.	.	P	.		.	.	.	G-21	1	.	0.1	
165	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.1	
~~170~~	~~MATPSS~~	~~ASSY~~	~~0.97~~	.	~~T~~	.		.	.	.		.	.	.	
~~170~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 13 OF ___

ITEM CD PCN 08006ASUB1 WCD TA104H WCDDATE 88065

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
170	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.2	G-32	1	.	0.2	
170	MATPSS	ASSY	.	.	P	.	.	.	.	.	G-22	1	.	0.2	
170	MATPSS	ASSY	.	.	P	.	.	.	.	.	G-33	1	.	0.2	
~~175~~	~~MATPSS~~	~~ASSY~~	~~0.97~~	~~.~~	~~T~~	.	.	.	.	.		.	.	.	
~~175~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.	.	.	.	.		.	.	.	
175	MATPSS	ASSY	.	1.0	P	1	8602BC09 ~~WG-8~~	1	.	0.2	G-32	1	.	0.2	
175	MATPSS	ASSY	.	.	P	.	.	.	.	.	G-25	1	.	0.2	
175	MATPSS	ASSY	.	.	P	.	.	.	.	.	G-33	1	.	0.2	
~~180~~	~~MATPSS~~	~~ASSY~~	~~0.97~~	~~.~~	~~T~~	.	.	.	.	.		.	.	.	
~~180~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.	.	.	.	.		.	.	.	
180	MATPSS	ASSY	.	1.0	P	1	8602BC09 ~~WG-8~~	1	.	0.1	G-32	1	.	0.1	
180	MATPSS	ASSY	.	.	P	.	.	.	.	.	G-33	1	.	0.1	
~~185~~	~~MATPSS~~	~~ASSY~~	~~0.97~~	~~.~~	~~T~~	.	.	.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 14 OF ___

ITEM CD PCN 08006ASUB1 WCD TA104H WCDDATE 88065

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~185~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.	.	.	.	.		.	.	.	
185	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.1	G-32	1	.	0.1	
185	MATPSS	ASSY	.	.	P	.	.	.	.	.	G-33	1	.	0.1	
~~190~~	~~MATPSS~~	~~ASSY~~	~~0.07~~	.	~~T~~	.	.	.	.	.		.	.	.	
~~190~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.	.	.	.	.		.	.	.	
190	MATPSS	ASSY	.	1.0	P	.	8602BC09 WG-9	1	.	0.1	G-32	1	.	0.1	
190	MATPSS	ASSY	.	.	P	.	.	.	.	.	G-33	1	.	0.1	
~~195~~	~~MATPSS~~	~~ASSY~~	~~0.07~~	.	~~T~~	.	.	.	.	.		.	.	.	
~~195~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.	.	.	.	.		.	.	.	
195	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.1	G-32	1	.	0.1	
195	MATPSS	ASSY	.	.	P	.	.	.	.	.	G-22	1	.	0.1	
195	MATPSS	ASSY	.	.	P	.	.	.	.	.	G-33	1	.	0.1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 15 OF ___

ITEM CD PCN 08006ASUB1 WCD TA104H WCDDATE 88085

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~200~~	~~MATPSS~~	~~ASSY~~	~~0.07~~	.	~~T~~										
~~200~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~										
200	MATPSS	ASSY	.	1.0	P		8602BC09 ~~WG-9~~	1	.	0.1	G-32	1	.	0.1	
200	MATPSS	ASSY	.	.	P						G-33	1	.	0.1	
~~205~~	~~MATPSS~~	~~ASSY~~	~~0.07~~	.	~~T~~										
~~205~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~										
205	MATPSS	ASSY	.	1.0	P		8602BC09 ~~WG-9~~	1	.	0.1	G-32	1	.	0.1	
205	MATPSS	ASSY	.	.	P						G-33	1	.	0.1	
~~215~~	~~MATPSS~~	~~ASSY~~	~~0.07~~	.	~~T~~										
~~215~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~										
215	MATPSS	ASSY	.	1.0	P		8602BC09 ~~WG-9~~	1	.	0.1	G-32	1	.	0.1	
215	MATPSS	ASSY	.	.	P						G-33	1	.	0.1	
~~220~~	~~MATPSS~~	~~ASSY~~	~~0.07~~	.	~~T~~										

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 16 OF ___

ITEM CD PCN 08006ASUB1 WCD TA104H WCDDATE 88065

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~220~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.	.	.	.	.		.	.	.	
220	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.1	G-32	1	.	0.1	
220	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.1	
~~225~~	~~MATPSS~~	~~ASSY~~	~~0.07~~	.	~~T~~	.		.	.	.		.	.	.	
~~225~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
225	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.3	G-32	1	.	0.3	
225	MATPSS	ASSY	.	.	P	.		.	.	.	G-00	1	.	0.3	
225	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.3	
~~230~~	~~MATPSS~~	~~ASSY~~	~~0.07~~	.	~~T~~	.		.	.	.		.	.	.	
~~230~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
230	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.1	G-32	1	.	0.1	
230	MATPSS	ASSY	.	.	P	.		.	.	.	G-34	1	.	0.1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 17 OF ___

ITEM CD PCN 08006ASUB1 WCD TA104H WCDDATE 88065

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
230	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.1	
~~235~~	~~MATPSS~~	~~ASSY~~	~~0.06~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~235~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
235	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.3	G-35	1	.	0.3	
235	MATPSS	ASSY	.	.	P	.		.	.	.	G-32	1	.	0.3	
235	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.3	
235	MATPSS	ASSY	.	.	P	.		.	.	.	G-38	1	.	0.3	
~~240~~	~~MATPSS~~	~~ASSY~~	~~0.07~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~240~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
240	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.1	G-32	1	.	0.1	
240	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.1	
~~250~~	~~MATPSS~~	~~ASSY~~	~~0.04~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~250~~	~~MATPSS~~	~~ASSY~~	~~1~~	~~.~~	~~S~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 18 OF ___

ITEM CD PCN 08006ASUB1 WCD TA104H WCDDATE 88065

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
250	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.3	G-32	1	.	0.3	
250	MATPSS	ASSY	.	.	P	.		.	.	.	G-80	1	.	0.3	
250	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.3	
~~255~~	~~MATPSS~~	~~ASSY~~	~~0.07~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~255~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
255	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.1	G-32	1	.	0.1	
255	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.1	
~~260~~	~~MATPSS~~	~~ASSY~~	~~0.07~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~260~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
260	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.1	G-32	1	.	0.1	
260	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.1	
~~265~~	~~MATPSS~~	~~ASSY~~	~~0.08~~	~~.~~	~~T~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ _____ ALC SA DATE _____ RCC MATPSS SHEET 19 OF ___

ITEM CD PCN 08006ASUB1 WCD TA104H WCDDATE 88065

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~265~~	~~MATPSS~~	~~ASSY~~			~~S~~										
265	MATPSS	ASSY		1.0	P		8602BC09 ~~WG-8~~	1		0.3	G-32	1		0.3	
265	MATPSS	ASSY			P						G-33	1		0.3	
~~270~~	~~MATPSS~~	~~ASSY~~	~~0.81~~		~~T~~										
~~270~~	~~MATPSS~~	~~ASSY~~			~~S~~										
270	MATPSS	ASSY		1.0	P		8602BC09 ~~WG-8~~	1		0.1	G-32	1		0.1	
270	MATPSS	ASSY			P						G-33	1		0.1	
~~280~~	~~MATPSS~~	~~ASSY~~	~~0.87~~		~~T~~										
~~280~~	~~MATPSS~~	~~ASSY~~			~~S~~										
280	MATPSS	ASSY		1.0	P		8602BC09 ~~WG-8~~	1		0.1	G-32	1		0.1	
280	MATPSS	ASSY			P						G-33	1		0.1	
~~285~~	~~MATPSS~~	~~ASSY~~	~~0.86~~		~~T~~										
~~285~~	~~MATPSS~~	~~ASSY~~			~~S~~										

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8:18 TUESDAY, MARCH 28, 1989 192

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 20 OF ___

ITEM CD PCN 08006ASUB1 WCD TA104H WCDDATE 88065

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
285	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.1	G-32	1	.	0.1	
285	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.1	
~~290~~	~~MATPSS~~	~~ASSY~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~290~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
~~290~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.	~~WG-8~~	~~1~~	~~.~~	~~1.0~~	~~G-32~~	~~1~~	~~.~~	~~1.0~~	291262-1
~~290~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~G-33~~	~~1~~	~~.~~	~~1.0~~	291400-1

Load those software modules see Bill

FLOW PROCESS CHART

SUBJECT F15 JFS Gas Generator Module Assembly DATE 5-22-89

ITEM CODE
PCN ☎
NSN ☐
P/N ☐ 08006A

WCD TA104H WCD DATE 88065

CHART BEGINS 3

CHART ENDS 285 PREPARED BY A.P. Holm

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
3	15	●▷D□▽	ASSY	165	165	○▷D□▽	ASSY
5	5	●▷D□▽	ASSY	170	170	○▷D□▽	ASSY
10	10	●▷D□▽	ASSY	175	175	○▷D□▽	ASSY
20	20	●▷D□▽	ASSY	180	180	○▷D□▽	ASSY
25	25	●▷D□▽	ASSY	185	185	○▷D□▽	ASSY
30	30	●▷D□▽	ASSY	190	190	○▷D□▽	ASSY
35	35	●▷D□▽	ASSY	195	195	○▷D□▽	ASSY
40	40	●▷D□▽	ASSY	200	200	○▷D□▽	ASSY
45	45	●▷D□▽	ASSY	205	205	○▷D□▽	ASSY
50	50	●▷D□▽	ASSY	215	215	○▷D□▽	ASSY
55	55	●▷D□▽	ASSY	220	220	○▷D□▽	ASSY
60	60	●▷D□▽	ASSY	225	225	○▷D□▽	ASSY
65	65	●▷D□▽	ASSY	230	230	○▷D□▽	ASSY
75	75	●▷D□▽	ASSY	235	235	○▷D□▽	ASSY
76	76	●▷D□▽	ASSY	240	240	○▷D□▽	ASSY
85	85	●▷D□▽	ASSY	250	250	○▷D□▽	ASSY
90	90	●▷D□▽	ASSY	255	255	○▷D□▽	ASSY
92	92	●▷D□▽	ASSY	260	260	○▷D□▽	ASSY
95	95	●▷D□▽	ASSY	265	265	○▷D□▽	ASSY
100	100	●▷D□▽	ASSY	270	270	○▷D□▽	ASSY
105	105	●▷D□▽	ASSY	280	280	○▷D□▽	ASSY
110	110	●▷D□▽	ASSY	285	285	○▷D□▽	ASSY
115	115	●▷D□▽	ASSY			○▷D□▽	
120	120	●▷D□▽	ASSY			○▷D□▽	
125	125	●▷D□▽	ASSY			○▷D□▽	
130	130	●▷D□▽	ASSY			○▷D□▽	
135	135	●▷D□▽	ASSY			○▷D□▽	
140	140	●▷D□▽	ASSY			○▷D□▽	
145	145	●▷D□▽	ASSY			○▷D□▽	
150	150	●▷D□▽	ASSY			○▷D□▽	
155	155	●▷D□▽	ASSY			○▷D□▽	
160	160	●▷D□▽	ASSY			○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

▷ TRANSPORTATION D DELAY

LSC-20147

F15 J1 - Assembly
Power Turbine Module

SAS

OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 202

NAME A P Holm ALC SA DATE 4-17-89 RCC MATPSS SHEET 1 OF 5

ITEM CD PCN 08006A~~0002~~ WCD TA105H ✓ WCDDATE 87226 ✗

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~5~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
5	MATPSS	ASSY	.	1.0	S	.	8602BC09	1	.	.2	G-16	1	.	.2	
5	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	~~0.2~~ .3	G-16	1	.	~~0.2~~ .3	
~~15~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~15~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
15	MATPSS	ASSY	.	1.0	P	.	8602 BC09	1	.	0.3	G-16	1	.	0.3	
~~20~~	~~MATPSS~~	~~ASSY~~	~~0.01~~	.	~~T~~	.		.	.	.		.	.	.	
~~20~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
20	MATPSS	ASSY	.	1.0	P	.	8602 BC09	1	.	0.1	G-16	1	.	0.1	
~~22~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~22~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
22	MATPSS	ASSY	.	1.0	P	.	8602.BC09	1	.	0.1	G-16	1	.	0.1	
~~25~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	

Jaw Mart in ca. n
WC Rel 89014
remove weight
OP 55
Zy account
for Spacer
Left on make
... 1st unit

SAS

8:18 TUESDAY, MARCH 28, 1989 203

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 2 OF ___

ITEM CD PCN 08C06ASUE2 WCD TA105H WCDDATE 87226

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~25~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	
25	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~W. S~~	1	.	0.1	G-16	1	.	0.1	
~~30~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	
~~30~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	
30	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~W-S~~	1	.	0.1	G-16	1	.	0.1	
30	MATPSS	ASSY			P						X-6	1		.1	
~~35~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	
~~35~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	
35	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~W-S~~	1	.	0.	G-16	1	.	0.1	
35	MATPSS	ASSY			P						X-6	.1		.1	
~~40~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	
~~40~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	
40	MATPSS	ASSY	.	1.0	P	.	~~W-S~~	1	.	0.2	G-16	1	.	0.2	
~~45~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	~~.~~	

SAS

8:18 TUESDAY, MARCH 28, 1989 204

OPERATION .OFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 3 OF ___

ITEM CD PCN 08006ASUB2 WCD TA105H WCDDATE 87226

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~45~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~			.	.	.		.	.	.	
45	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.3	G-16	1	.	0.3	
~~50~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~50~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
50	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	40 60	.5 0.3	G-16 G-16	1 1	.	0.5 0.3	
~~55~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~55~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
55	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.3	G-16	1	.	0.3	
55	MATPSS	ASSY	.	.	P	.		.		.	G-17	1	.	0.3	
55	MATPSS	ASSY			P						X-5	1		.3	
55	MATPSS	ASSY			P						X-6	1		.3	
~~60~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~60~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
60	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.1	G-16	1	.	0.1	
60	MATPSS	ASSY			P						G-17	1		.1	
~~65~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	

SAS

8:18 TUESDAY, MARCH 28, 1989 205

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 4 OF ___

ITEM CD PCN 08006ASUB2 WCD TA105H WCDDATE 87226

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~65~~	~~MATPSS~~	~~ASSY~~			~~S~~										
65	MATPSS	ASSY		1.0	P		8602BC09 ~~WG-8~~	1		.2 ~~0.3~~	G-15	1		.2 ~~0.3~~	
~~65~~	~~MATPSS~~	~~ASSY~~			~~S~~						~~G-16~~	~~1~~		~~0.3~~	
~~70~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~I~~										
~~70~~	~~MATPSS~~	~~ASSY~~			~~S~~										
70	MATPSS	ASSY		1.0	P		8602BC09 ~~WG-8~~	1		0.3	G-15 ~~G-16~~	1		0.3	
70	MATPSS	ASSY			P						G-18	1		0.3	
~~75~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~I~~										
~~75~~	~~MATPSS~~	~~ASSY~~			~~S~~										
75	MATPSS	ASSY		1.0	P		8602BC09 ~~WG-5~~	1		0.1	G-15 ~~G-16~~	1		0.1	
~~80~~	~~MATPSS~~	~~ASSY~~	~~0.97~~		~~I~~										
~~80~~	~~MATPSS~~	~~ASSY~~			~~S~~										

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 5 OF ___

ITEM CD PCN 08006ASUB2 WCD TA105H WCDDATE 87226

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
80	MATPSS	ASSY	.	1.0	P	.	~~WG-9~~ 8G02 BC09	1	.	0.1	G-15 ~~G-16~~	1	.	0.1	
~~85~~	~~MATPSS~~	~~ASSY~~	~~0.05~~	.	~~P~~	.									
~~85~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.									
95	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.	~~WG-8~~	~~1~~	.	~~0.5~~	~~G-16~~	~~1~~	.	~~0.5~~	

FLOW PROCESS CHART

SUBJECT F/S JFS Assy Power Turbine Module DATE 5-23-89

CODE
CN ■
NSN □
P/N □ 080006A

WCD TA105H WCD DATE 87226

CHART BEGINS 5

CHART ENDS 80 PREPARED BY A.P. Holm

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
5	5	●▷D□▽	ASSY			○▷D□▽	
15	15	●▷D□▽	ASSY			○▷D□▽	
20	20	●▷D□▽	ASSY			○▷D□▽	
22	22	●▷D□▽	ASSY			○▷D□▽	
25	25	●▷D□▽	ASSY			○▷D□▽	
30	30	●▷D□▽	ASSY			○▷D□▽	
35	35	●▷D□▽	ASSY			○▷D□▽	
40	90	●▷D□▽	ASSY			○▷D□▽	
45	95	●▷D□▽	ASSY			○▷D□▽	
50	50	●▷D□▽	ASSY			○▷D□▽	
55	55	●▷D□▽	ASSY			○▷D□▽	
60	60	●▷D□▽	ASSY			○▷D□▽	
65	65	●▷D□▽	ASSY			○▷D□▽	
70	70	●▷D□▽	ASSY			○▷D□▽	
75	75	●▷D□▽	ASSY			○▷D□▽	
80	80	●▷D□▽	ASSY			○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽

F1S / FS Final Assembly

SAS

8:18 TUESDAY, MARCH 28, 1989 91

OPERATION PROFILE

NAME APHolm ALC SA DATE 4-17-89 RCC MATPSS SHEET 1 OF 12

ITEM CD PCN 08006A WCD TA101H ✓ WCDDATE 88076 ✓

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~1~~	~~MATPSS~~	~~ASSY~~			~~T~~										
1	MATPSS	ASSY		1.0	P		8602BC09	1		.1	G-32	1		.1	"Marty" Juan Martinez
1	MATPSS	ASSY			P		[illegible]	[illegible]		[illegible]	G-33	1		.1	
~~5~~	~~MATPSS~~	~~ASSY~~													
5	MATPSS	ASSY		1.0	P		8602BC09	1		.1	G-32	1		.1	
5	MATPSS	ASSY			P		[illegible]	[illegible]		[illegible]	G-33	1		.1	
~~10~~	~~MATPSS~~	~~ASSY~~			~~T~~										
10	MATPSS	ASSY		1.0	P		8602BC09	1		.1	G-32	1		.1	
10	MATPSS	ASSY			P		[illegible]	[illegible]		[illegible]	G-33	1		.1	
~~25~~	~~MATPSS~~	~~ASSY~~													
25	MATPSS	ASSY		1.0	P		8602BC09	1		.1	G-32	1		.1	
25	MATPSS	ASSY			P		[illegible]	[illegible]		[illegible]	G-33	1		.1	
~~30~~	~~MATPSS~~	~~ASSY~~			~~T~~										

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 2 OF ___

ITEM CD PCN 08006A WCD TA101H WCDDATE 88076

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~20~~	~~MATPSS~~	~~ASSY~~			~~S~~										
30	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.1	G-32	1	.	0.1	
30	MATPSS	ASSY	.	.	P	.			.	.	G-33	1	.	0.1	
~~40~~	~~MATPSS~~	~~ASSY~~			~~T~~										
~~40~~	~~MATPSS~~	~~ASSY~~			~~S~~										
40	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.2	G-32	1	.	0.2	
40	MATPSS	ASSY	.	.	P	.			.	.	G-33	1	.	0.2	
~~50~~	~~MATPSS~~	~~ASSY~~			~~T~~										
~~50~~	~~MATPSS~~	~~ASSY~~			~~S~~										
50	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.3	G-32	1	.	0.3	
50	MATPSS	ASSY	.	.	P	.			.	.	G-33	1	.	0.3	
~~85~~	~~MATPSS~~	~~ASSY~~			~~T~~										

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 3 OF ___

ITEM CD PCN 08006A WCD TA101H WCDDATE 88076

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~65~~	~~MATPSS~~	~~ASSY~~			~~S~~										
65	MATPSS	ASSY		1.0	P		8602BC09 ~~WG-8~~	1		0.3	G-32	1		0.3	
65	MATPSS	ASSY			P						G-33	1		0.3	
~~75~~	~~MATPSS~~	~~ASSY~~			~~I~~										
~~75~~	~~MATPSS~~	~~ASSY~~			~~S~~										
75	MATPSS	ASSY		1.0	P		8602BC09 ~~WG-8~~	1		0.3	G-32	1		0.3	
75	MATPSS	ASSY			P						G-33	1		0.3	
~~77~~	~~MATPSS~~	~~ASSY~~			~~I~~										
~~77~~	~~MATPSS~~	~~ASSY~~			~~S~~										
77	MATPSS	ASSY		1.0	P		8602BC09 ~~WG-8~~	1		~~0.3~~ .1	G-32	1		~~0.3~~ .1	
77	MATPSS	ASSY			P						G-33	1		~~0.3~~ .1	
~~80~~	~~MATPSS~~	~~ASSY~~			~~I~~										
~~80~~	~~MATPSS~~	~~ASSY~~			~~S~~										

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 4 OF ___

ITEM CD PCN 08006A WCD TA101H WCDDATE 88076

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
80	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.2	G-32	1	.	0.2	
80	MATPSS	ASSY	.	..	P	.		.	.	.	G-33	1	.	0.2	
~~100~~	~~MATPSS~~	~~ASSY~~													
~~100~~	~~MATPSS~~	~~ASSY~~													
100	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.8	G-32	1	.	.2 ~~0.8~~	
100	MATPSS	ASSY	.	....	P	.		.	.	.	G-33	1	.	.2 ~~0.8~~	
~~105~~	~~MATPSS~~	~~ASSY~~													
105	MATPSS	ASSY	.	.	S	.		.	.	.		.	.	.	
105	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	.2 ~~0.8~~	G-32	1	.	.2 ~~0.8~~	
105	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	.2 ~~0.8~~	
~~108~~	~~MATPSS~~	~~ASSY~~													
~~108~~	~~MATPSS~~	~~ASSY~~													

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 5 OF ___

ITEM CD PCN 08006A WCD TA101H WCDDATE 88076

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
108	MATPSS	ASSY	.	.	P	.	~~WG-8~~ 8602BC09	1	.	0.2	G-32	1	.	0.2	
108	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.2	
~~110~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~110~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~P~~	.		.	.	.		.	.	.	
110	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.5	G-32	1	.	0.5	
110	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.5	
~~112~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~112~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~1.0~~	~~S~~	.		.	.	.		.	.	.	
112	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	~~0.5~~ .1	G-32	1	.	~~0.0~~ .1	
112	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	~~0.0~~ .1	
~~114~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
114	MATPSS	ASSY	.	.	S	.		.	.	.		.	.	.	
114	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	~~0.0~~ .1	G-32	1	.	~~0.0~~ .1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 6 OF ___

ITEM CD PCN 08006A WCD TA101H WCDDATE 88076

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
114	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	~~0.0~~ .1	
~~116~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~F~~	.		.	.	.		.	.	.	
~~116~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		1	.	.	
116	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~W0-0~~	1	.	~~0.0~~ .1	G-32	1	.	~~0.0~~ .1	
116	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	~~0.0~~ .1	
~~118~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~F~~	.		.	.	.		.	.	.	
~~118~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
118	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~W0-0~~	1	.	~~0.0~~ .1	G-32	1	.	~~0.0~~ .1	
118	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	~~0.0~~ .1	
~~120~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~F~~	.		.	.	.		.	.	.	
~~120~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
120	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~W0-0~~	1	.	~~0.0~~ .1	G-32	1	.	~~0.0~~ .1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 7 OF ___

ITEM CD PCN 08006A WCD TA101H WCDDATE 88076

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
120	MATPSS	ASSY	.	.	P	.	.	.	.	.	G-33	1	.	.1	
~~122~~	~~MATPSS~~	~~ASSY~~													
~~122~~	~~MATPSS~~	~~ASSY~~													
122	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	.1	G-32	1	.	.1	
122	MATPSS	ASSY	.	.	P	.					G-33	1	.	.1	
~~124~~	~~MATPSS~~	~~ASSY~~													
~~124~~	~~MATPSS~~	~~ASSY~~													
124	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	.1	G-32	1	.	.1	
124	MATPSS	ASSY	.	.	P	.					G-33	1	.	.1	
~~126~~	~~MATPSS~~	~~ASSY~~													
~~126~~	~~MATPSS~~	~~ASSY~~													
126	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	.1	G-32	1	.	.1	
126	MATPSS	ASSY	.	.	P	.					G-33	1	.	.1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 8 OF ___

ITEM CD PCN 08006A WCD TA101H WCDDATE 88076

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~126~~	~~MATPSS~~	~~ASSY~~													
~~126~~	~~MATPSS~~	~~ASSY~~													
128	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	.1 ~~0.0~~	G-32	1	.	.1 ~~0.0~~	
128	MATPSS	ASSY	.	.	P	.			.	.	G-33	1	.	.1 ~~0.0~~	
~~130~~	~~MATPSS~~	~~ASSY~~													
~~130~~	~~MATPSS~~	~~ASSY~~													
130	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.3	G-32	1	.	0.3	
130	MATPSS	ASSY	.	.	P	.			.	.	G-33	1	.	0.3	
~~132~~	~~MATPSS~~	~~ASSY~~													
~~132~~	~~MATPSS~~	~~ASSY~~													
132	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.3	G-32	1	.	0.3	
132	MATPSS	ASSY	.	.	P	.			.	.	G-33	1	.	0.3	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 9 OF ___

ITEM CD PCN 08006A WCD TA101H WCDDATE 88076

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
[illegible]															
[illegible]															
135	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.3	G-32	1	.	0.3	
135	MATPSS	ASSY	.		P	.		.	.	.	G-33	1	.	0.3	
[illegible]															
[illegible]															
140	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.2	G-32	1	.	0.2	
140	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.2	
[illegible]															
[illegible]															
145	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.1	G-32	1	.	0.1	
145	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.1	
[illegible]															

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8:18 TUESDAY, MARCH 28, 1989 100

OPERATION PROFILE

'AME __ _____ ALC SA DATE _____ RCC MATPSS SHEET 10 OF ___

ITEM CD ...N 08006A WCD TA101H WCDDATE 88076

OPER NUMB	RCC	OPER DES	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~150~~	~~MATPSS~~	~~ASSY~~			~~S~~										
150	MATPSS	ASSY	.	1.0	P	.		1	.	0.1	G-32	1	.	0.1	
150	MATPSS	ASSY	.	---	P	.			.		G-33	1	.	0.1	
~~155~~	~~MATPSS~~	~~ASSY~~			~~T~~										
~~155~~	~~MATPSS~~	~~ASSY~~			~~S~~										
155	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.2	G-32	1	.	0.2	
155	MATPSS	ASSY	.	.	P	.			.		G-33	1	.	0.2	
~~160~~	~~MATPSS~~	~~ASSY~~			~~T~~										
~~160~~	~~MATPSS~~	~~ASSY~~			~~S~~										
160	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	~~0.0~~ .1	G-32	1	.	~~0.0~~ .1	
160	MATPSS	ASSY	.	.	P	.			.		G-33	1	.	~~0.0~~ .1	
~~164~~	~~MATPSS~~	~~ASSY~~			~~T~~										

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OPERATION PROFILE

NAME _____ _____ ALC SA DATE _____ RCC MATPSS SHEET 11 OF ___

ITEM CD PCN : 06A WCD TA101H WCDDATE 88076

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCC:	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~164~~	~~MATPSS~~	~~ASSY~~			~~S~~										
164	MATPSS	ASSY	.	1.0	P	.	8602BC09 WC-2	1	.	~~0.1~~	G-32	1	.	~~0.1~~	
164	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	~~0.1~~	
~~170~~	~~MATPSS~~	~~ASSY~~			~~I~~	.		.	.	.		.	.	.	
~~170~~	~~MATPSS~~	~~ASSY~~			~~S~~	.		.	.	.		.	.	.	
170	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WC-2~~	1	.	0.2	G-32	1	.	0.2	
170	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.2	
~~175~~	~~MATPSS~~	~~ASSY~~			~~I~~	.		.	.	.		.	.	.	
~~175~~	~~MATPSS~~	~~ASSY~~			~~S~~	.		.	.	.		.	.	.	
175	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WC-2~~	1	.	0.1	G-32	1	.	0.1	
175	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.1	
~~180~~	~~MATPSS~~	~~ASSY~~			~~I~~	.		.	.	.		.	.	.	
~~180~~	~~MATPSS~~	~~ASSY~~			~~S~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 12 OF ___

ITEM CD PCN 08006A WCD TA101H WCDDATE 88076

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
180	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.2	G-32	1	.	0.2	
180	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.2	
~~185~~	~~MATPSS~~	~~ASSY~~			I	.		.	.	.		.	.	.	
~~185~~	~~MATPSS~~	~~ASSY~~			S	.		.	.	.		.	.	.	
185	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.3	G-32	1	.	0.3	
185	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.3	
~~187~~	~~MATPSS~~	~~ASSY~~			I	.		.	.	.		.	.	.	
~~187~~	~~MATPSS~~	~~ASSY~~			S	.		.	.	.		.	.	.	
187	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.1	G-32	1	.	0.1	
187	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.1	
~~190~~	~~MATPSS~~	~~ASSY~~			I	.		.	.	.		.	.	.	
190	MATPSS	ASSY				.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 13 OF ___

ITEM CD PCN 08006A WCD TA101H WCDDATE 88076

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
190	\TPSS	ASSY	.	1.0	P	.	8608BC09	1	.	0.3	G-32	1	.	0.3	
190	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.3	
195	[illegible]				I	.		.	.	.		.	.	.	
195	MATPSS	[illegible]				.		.	.	.		.	.	.	
195	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.1	G-32	1	.	0.1	
195	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	0.1	
200	MATPSS	ASSY	.	.	I	.		.	.	.		.	.	.	
200	[illegible]					.		.	.	.		.	.	.	
200	MATPSS	ASSY	.	1.0	P	.	8608BC09	1	.	0.8	G-32	1	.	0.8	
200	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	.8	

FLOW PROCESS CHART

SUBJECT F15 JFS Final Assembly DATE 5-22-89

ITEM CODE
PCN ■
NSN □
P/N □ 08006A

WCD TA101H WCD DATE 88076

CHART BEGINS 1

CHART ENDS 200 PREPARED BY AP Holm

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
1	1	●▷D□▽	ASSY	164	164	●▷D□▽	ASSY
5	5	●▷D□▽	ASSY	170	170	●▷D□▽	ASSY
10	10	●▷D□▽	ASSY	175	175	●▷D□▽	ASSY
25	25	●▷D□▽	ASSY	180	180	●▷D□▽	ASSY
30	30	●▷D□▽	ASSY	185	185	●▷D□▽	ASSY
40	40	●▷D□▽	ASSY	187	187	●▷D□▽	ASSY
50	50	●▷D□▽	ASSY	190	190	●▷D□▽	ASSY
65	65	●▷D□▽	ASSY	195	200	●▷D□▽	ASSY
75	75	●▷D□▽	ASSY	200	200	●▷D□▽	ASSY
77	77	●▷D□▽	ASSY			○▷D□▽	
80	80	●▷D□▽	ASSY			○▷D□▽	
100	101	●▷D□▽	ASSY			○▷D□▽	
105	105	●▷D□▽	ASSY			○▷D□▽	
108	108	●▷D□▽	ASSY			○▷D□▽	
110	110	●▷D□▽	ASSY			○▷D□▽	
112	112	●▷D□▽	ASSY			○▷D□▽	
114	114	●▷D□▽	ASSY			○▷D□▽	
116	116	●▷D□▽	ASSY			○▷D□▽	
118	118	●▷D□▽	ASSY			○▷D□▽	
120	120	●▷D□▽	ASSY			○▷D□▽	
122	122	●▷D□▽	ASSY			○▷D□▽	
124	124	●▷D□▽	ASSY			○▷D□▽	
126	126	●▷D□▽	ASSY			○▷D□▽	
128	128	●▷D□▽	ASSY			○▷D□▽	
130	130	●▷D□▽	ASSY			○▷D□▽	
132	132	●▷D□▽	ASSY			○▷D□▽	
135	135	●▷D□▽	ASSY			○▷D□▽	
140	140	●▷D□▽	ASSY			○▷D□▽	
145	145	●▷D□▽	ASSY			○▷D□▽	
150	150	●▷D□▽	ASSY			○▷D□▽	
155	155	●▷D□▽	ASSY			○▷D□▽	
160	160	●▷D□▽	ASSY			○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

▷ TRANSPORTATION D DELAY

LSC-20147

F15 JTS TEST

K V F

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OPERATION PROFILE

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NAME APHolm ALC SA DATE 4-19-89 RCC MATPSS SHEET 1 OF 59

ITEM CD PCN 08006A WCD TA109H ✓ WCDDATE 88162 ✗

4147

NOTES Tech Vaquez TE
Current WCD Date
89082

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS
5 ~~10~~	MATPSS	TEST	1.00	1.0	T		8602BK05	1	.	.3		.	.	.
~~10~~	~~MATPSS~~	~~TEST~~	.	~~0.1~~	~~C~~			.	.	.		.	.	.
10	MATPSS	TEST	.	.	P		0602BK10 ~~WG-10~~	1	.	0.2	L-93 ~~H-1~~	1	.	0.2
10	MATPSS	TEST	.	.	P			.	.	.	H-2	1	.	0.2
10	MATPSS	TEST	.	.	P			.	.	.	H-3	1	.	0.2
10	MATPSS	TEST	.	.	P			.	.	.	H-4	1	.	0.2
10	MATPSS	TEST	.	.	P			.	.	.	H-5	1	.	0.2
10	MATPSS	TEST	.	.	P			.	.	.	H-6	1	.	0.2
~~10~~	~~MATPSS~~	~~TEST~~	.	.	P			.	.	.	H-7	1	.	0.2
10	MATPSS	TEST	.	.	P			.	.	.	H-7A	1	.	0.2
10	MATPSS	TEST	.	.	P			.	.	.	H-8	1	.	0.2
10	MATPSS	TEST	.	.	P			.	.	.	H-9	1	.	0.2
10	MATPSS	TEST	.	.	P			.	.	.	H-10	1	.	0.2

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 2 OF ___

ITEM CD PCN 080D6A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
10	MATPSS	TEST	.	.	P	.			.	.	H-11	1	.	0.2	
10	MATPSS	TEST	.	.	P	.			.	.	K-1	1	.	0.2	
10	MATPSS	TEST	.	.	P	.			.	.	K-2	1	.	0.2	
10	MATPSS	TEST	.	.	P	.			.	.	K-3	1	.	0.2	
10	MATPSS	TEST	.	.	P	.			.	.	K-4	1	.	0.2	
10	MATPSS	TEST	.	.	P	.			.	.	K-5	1	.	0.2	
10	MATPSS	TEST	.	.	P	.			.	.	K-6	1	.	0.2	
10	MATPSS	TEST	.	.	P	.			.	.	K-7	1		0.2	
10	MATPSS	TEST	.	.	P	.			.	.	K-9	1	.	0.2	
10	MATPSS	TEST	.	.	P	.			.	.	K-11	1	.	0.2	
10	MATPSS	TEST	.	.	P	.			.	.	K-12	1	.	0.2	
10	MATPSS	TEST	.	.	P	.			.	.	K-13	1		0.2	

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OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 3 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
10	MATPSS	TEST	.	.	P	.	.	.	.	.	K-14	1	.	0.2	
10	MATPSS	TEST	.	.	P	.	.	.	.	.	K-17	1	.	0.2	
10	MATPSS	TEST	.	.	P	.	.	.	.	.	K-18	1	.	0.2	
10	MATPSS	TEST	.	.	P	.	.	.	.	.	K-19	1	.	0.2	
10	MATPSS	TEST	.	.	P	.	.	.	.	.	K-20	1	.	0.2	
10	MATPSS	TEST	.	.	P	.	.	.	.	.	K-21	1	.	0.2	
10	MATPSS	TEST	.	.	P	.	.	.	.	.	K-23	1	.	0.2	
10	MATPSS	TEST	.	.	P	.	.	.	.	.	K-24	1	.	0.2	
20	MATPSS	TEST	1.00	.	T	.	.	.	.	.	.	.	.	.	
20	MATPSS	TEST	.	.	S	.	.	.	.	.	.	.	.	.	
20	MATPSS	TEST	.	1.0	P	.	8602EK10 ~~WC-10~~	1	.	0.1	L-93 ~~K-1~~	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	H-2	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	H-3	1	.	0.1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 4 OF ___

ITEM CD PCN [illegible]006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
20	MATPSS	TEST	.	.	P	.	.	.	.	.	H-4	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	H-5	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	H-6	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	H-7	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	H-7A	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	H-8	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	H-9	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	H-10	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	H-11	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	K-1	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	K-2	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	K-3	1	.	0.1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 5 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
20	MATPSS	TEST	.	.	P	.	.	.	.	.	K-4	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	K-5	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	K-6	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	K-7	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	K-9	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	K-11	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	K-12	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	K-13	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	K-14	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	K-17	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	K-18	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	K-19	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	K-20	1	.	0.1	

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OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 6 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
20	MATPSS	TEST	.	.	P	.	.	.	.	.	K-21	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	K-23	1	.	0.1	
20	MATPSS	TEST	.	.	P	.	.	.	.	.	K-24	1	.	0.1	
~~30~~	~~MATPSS~~	~~TEST~~	~~1.00~~	~~.~~	~~T~~	.	.	.	.	.		.	.	.	
~~30~~	~~MATPSS~~	~~TEST~~	~~.~~	~~.~~	~~S~~	.	.	.	.	.		.	.	.	
30	MATPSS	TEST	.	1.0	P	.	86028K10 ~~H8-10~~	1	.	.3 ~~0.0~~	L-93. ~~H-1~~	1	.	.3 ~~0.0~~	
30	MATPSS	TEST	.	.	P	.	.	.	.	.	H-2	1	.	0.0	
30	MATPSS	TEST	.	.	P	.	.	.	.	.	H-3	1	.	0.0	
30	MATPSS	TEST	.	.	P	.	.	.	.	.	H-4	1	.	0.0	
30	MATPSS	TEST	.	.	P	.	.	.	.	.	H-5	1	.	0.0	
30	MATPSS	TEST	.	.	P	.	.	.	.	.	H-6	1	.	0.0	
30	MATPSS	TEST	.	.	P	.	.	.	.	.	H-7	1	.	0.0	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 2 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
30	MATPSS	TEST	.	.	P	.		.	.	.	H-7A	1	.	0.0	
30	MATPSS	TEST	.	.	P	.		.	.	.	H-8	1	.	0.0	
30	MATPSS	TEST	.	.	P	.		.	.	.	H-9	1	.	0.0	
30	MATPSS	TEST	.	.	P	.		.	.	.	H-10	1	.	0.0	
30	MATPSS	TEST	.	.	P	.		.	.	.	H-11	1	.	0.0	
30	MATPSS	TEST	.	.	P	.		.	.	.	K-1	1	.	0.0	
30	MATPSS	TEST	.	.	P	.		.	.	.	K-2	1	.	0.0	
30	MATPSS	TEST	.	.	P	.		.	.	.	K-3	1	.	0.0	
30	MATPSS	TEST	.	.	P	.		.	.	.	K-4	1	.	0.0	
30	MATPSS	TEST	.	.	P	.		.	.	.	K-5	1	.	0.0	
30	MATPSS	TEST	.	.	P	.		.	.	.	K-6	1	.	0.0	
30	MATPSS	TEST	.	.	P	.		.	.	.	K-7	1	.	0.0	
30	MATPSS	TEST	.	.	P	.		.	.	.	K-9	1	.	0.0	

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OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 8 OF ___

ITEM CD PCN 08D08A WCD TA109H WCDDATE 88182

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
30	MATPSS	TEST	.	.	P	.		.	.	.	K-11	1	.	0.0	
30	MATPSS	TEST	.	.	P	.		.	.	.	K-12	1	.	0.0	
30	MATPSS	TEST	.	.	P	.		.	.	.	K-13	1	.	0.0	
30	MATPSS	TEST	.	.	P	.		.	.	.	K-14	1	.	0.0	
30	MATPSS	TEST	.	.	P	.		.	.	.	K-17	1	.	0.0	
30	MATPSS	TEST	.	.	P	.		.	.	.	K-18	1	.	0.0	
30	MATPSS	TEST	.	.	P	.		.	.	.	K-19	1	.	0.0	
30	MATPSS	TEST	.	.	P	.		.	.	.	K-20	1	.	0.0	
30	MATPSS	TEST	.	.	P	.		.	.	.	K-21	1	.	0.0	
30	MATPSS	TEST	.	.	P	.		.	.	.	K-23	1	.	0.0	
30	MATPSS	TEST	.	.	P	.		.	.	.	K-24	1	.	0.0	
~~40~~	~~MATPSS~~	~~TEST~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	

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8:18 TUESDAY, MARCH 28, 1989 116

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 9 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~40~~	~~MATPSS~~	~~TEST~~			~~P~~										
40	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~W2=10~~	1	.	.16 ~~0.1~~	L-93 ~~H-1~~	1	.	.16 ~~0.1~~	
40	MATPSS	TEST	.	.	P	.		.	.	.	H-2	1	.	0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	H-3	1	.	0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	H-4	1	.	0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	H-5	1	.	0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	H-6	1	.	0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	H-7	1	.	0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	H-7A	1	.	0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	H-8	1	.	0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	H-9	1	.	0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	H-10	1	.	0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	H-11	1	.	0.1	

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ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
40	MATPSS	TEST	.	.	P	.		.	.	.	K-1	1	.	0.1	
40	MATPSS	TEST	.	.	P			.	.	.	K-2	1	.	0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	K-3	1	.	0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	K-4	1	.	0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	K-5	1	.	0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	K-6	1	.	0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	K-7	1	.	0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	K-9	1		0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	K-11	1	.	0.1	
40	MATPSS	TEST	.		P	.		.	.	.	K-12	1	.	0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	K-13	1	.	0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	K-14	1	.	0.1	

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NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 11 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
40	MATPSS	TEST	.	.	P	.		.	.	.	K-17	1	.	0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	K-18	1	.	0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	K-19	1	.	0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	K-20	1	.	0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	K-21	1	.	0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	K-23	1	.	0.1	
40	MATPSS	TEST	.	.	P	.		.	.	.	K-24	1	.	0.1	
~~50~~	~~MATPSS~~	~~TEST~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~50~~	~~MATPSS~~	~~TEST~~			~~S~~	.		.	.	.		.	.	.	
50	MATPSS	TEST	.	1.0	P	.	~~MB 10~~	1	.	0.7	~~H-1~~ L-93	1	.	0.7	8602BK10
50	MATPSS	TEST	.	.	P	.		.	.	.	H-2	1	.	0.7	
50	MATPSS	TEST	.	.	P	.		.	.	.	H-3	1	.	0.7	
50	MATPSS	TEST	.	.	P	.		.	.	.	H-4	1	.	0.7	

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ITEM CD PCN 080064 WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
50	MATPSS	TEST	.	.	P	.		.	.	.	H-5	1	.	0.7	
50	MATPSS	TEST	.	.	P			.	.	.	H-6	1	.	0.7	
50	MATPSS	TEST	.	.	P	.		.	.	.	H-7	1	.	0.7	
50	MATPSS	TEST	.	.	P	.		.	.	.	H-7A	1	.	0.7	
50	MATPSS	TEST	.	.	P			.	.	.	H-8	1	.	0.7	
50	MATPSS	TEST	.	.	P	.		.	.	.	H-9	1	.	0.7	
50	MATPSS	TEST	.	.	P	.		.	.	.	H-10	1	.	0.7	
50	MATPSS	TEST	.	.	P	.		.	.	.	H-11	1		0.7	
50	MATPSS	TEST	.	.	P	.		.	.	.	K-1	1	.	0.7	
50	MATPSS	TEST	.	.	P	.		.	.	.	K-2	1	.	0.7	
50	MATPSS	TEST	.	.	P	.		.	.	.	K-3	1	.	0.7	
50	MATPSS	TEST	.	.	P	.		.	.	.	K-4	1	.	0.7	

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ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
50	MATPSS	TEST	.	.	P	.		.	.	.	K-5	1	.	0.7	
50	MATPSS	TEST	.	.	P	.		.	.	.	K-6	1	.	0.7	
50	MATPSS	TEST	.	.	P	.		.	.	.	K-7	1	.	0.7	
50	MATPSS	TEST	.	.	P	.		.	.	.	K-9	1	.	0.7	
50	MATPSS	TEST	.	.	P	.		.	.	.	K-11	1	.	0.7	
50	MATPSS	TEST	.	.	P			.	.		K-12	1	.	0.7	
50	MATPSS	TEST	.	.	P	.		.	.	.	K-13	1	.	0.7	
50	MATPSS	TEST	.	.	P	.		.	.	.	K-14	1	.	0.7	
50	MATPSS	TEST	.	.	P	.		.	.	.	K-17	1	.	0.7	
50	MATPSS	TEST	.	.	P	.		.	.	.	K-18	1	.	0.7	
50	MATPSS	TEST	.	.	P	.		.	.	.	K-19	1	.	0.7	
50	MATPSS	TEST	.	.	P	.		.	.	.	K-20	1	.	0.7	
50	MATPSS	TEST	.	.	P	.		.	.	.	K-21	1	.	0.7	

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ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
50	MATPSS	TEST	.	.	P	.		.	.	.	K-23	1	.	0.7	
50	MATPSS	TEST	.	.	P	.		.	.	.	K-24	1	.	0.7	
~~60~~	~~MATPSS~~	~~NOTE~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~60~~	~~MATPSS~~	~~NOTE~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
✓ 60	MATPSS	NOTE	.	1.0	P	.	8602BK10 WC=10	1	.	0.1	L-93	1	.	0.1	
~~70~~	~~MATPSS~~	~~TEST~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~70~~	~~MATPSS~~	~~TEST~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
✓ 70	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WC=10~~	1	.	0.1	L-93 ~~H-1~~	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	H-2	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	H-3	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	H-4	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	H-5	1	.	0.1	

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OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
70	MATPSS	TEST	.	.	P	.		.	.	.	H-6	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	H-7	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	H-7A	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	H-8	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	H-9	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	H-10	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	H-11	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	K-1	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	K-2	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	K-3	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	K-4	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	K-5	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	K-6	1	.	0.1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 16 OF ____

ITEM CD PCN 080066A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	MIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
70	MATPSS	TEST	.	.	P	.		.	.	.	K-7	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	K-9	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	K-11	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	K-12	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	K-13	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	K-14	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	K-17	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	K-18	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	K-19	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	K-20	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	K-21	1	.	0.1	
70	MATPSS	TEST	.	.	P	.		.	.	.	K-23	1	.	0.1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 17 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
70	MATPSS	TEST	.	.	P	.		.	.	.	K-24	1	.	0.1	
~~80~~	~~MATPSS~~	~~TEST~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~80~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
80	MATPSS	TEST	.	1.0	P	.	~~WG-10~~ 8602 BK10	1	.	0.8	~~H-1~~ L-93	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	H-2	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	H-3	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	H-4	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	H-5	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	H-6	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	H-7	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	H-7A	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	H-8	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	H-9	1	.	0.8	

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NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 18 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDA E 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
80	MATPSS	TEST	.	.	P	.		.	.	.	H-10	1	.	0.8	
80	MATPSS	TEST	.	.	P			.	.	.	H-11	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	K-1	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	K-2	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	K-3	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	K-4	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	K-5	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	K-6	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	K-7	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	K-9	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	K-11	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	K-12	1	.	0.8	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 19 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
80	[illegible]GS	TEST	.	.	P	.	.	.	.	.	K-13	1	.	0.8	
80	MATPSS	TEST	.		P	.		.	.	.	K-14	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	K-17	1	.	0.8	
80	MATPSS	TEST		.	P	.		.	.	.	K-18	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	K-19	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	K-20	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	K-21	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	K-23	1	.	0.8	
80	MATPSS	TEST	.	.	P	.		.	.	.	K-24	1	.	0.8	
~~90~~	~~MATPSS~~	~~TEST~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~90~~	~~MATPSS~~	~~TEST~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
90	MATPSS	TEST	.	1.0	P	.	8602EK10	1	.	0.5	L-93	1	.	0.5	
~~90~~	~~MATPSS~~	~~TEST~~	~~.~~	~~.~~	~~P~~	.		.	.	.	~~H-2~~	~~1~~	~~.~~	~~0.5~~	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 20 OF ___

ITEM CD PCN 08D08A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
90	MATPSS	TEST	.	.	P	.		.	.	.	H-3	1	.	0.5	
90	MATPSS	TEST	.	.	P	.		.	.	.	H-4	1	.	0.5	
90	MATPSS	TEST	.	.	P	.		.	.	.	H-5	1	.	0.5	
90	MATPSS	TEST	.	.	P	.		.	.	.	H-6	1	.	0.5	
90	MATPSS	TEST	.	.	P	.		.	.	.	H-7	1	.	0.5	
90	MATPSS	TEST	.	.	P	.		.	.	.	H-7A	1	.	0.5	
90	MATPSS	TEST	.	.	P	.		.	.	.	H-8	1	.	0.5	
90	MATPSS	TEST	.	.	P	.		.	.	.	H-9	1	.	0.5	
90	MATPSS	TEST	.	.	P	.		.	.	.	H-10	1	.	0.5	
90	MATPSS	TEST	.	.	P	.		.	.	.	H-11	1	.	0.5	
90	MATPSS	TEST	.	.	P	.		.	.	.	K-1	1	.	0.5	
90	MATPSS	TEST	.	.	P	.		.	.	.	K-2	1	.	0.5	

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NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 21 OF ___

ITEM CD PCN 080066A WCD TA108H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
90	MATPSS	TEST	.	.	P	.	.	.	.	.	K-3	1	.	0.5	
90	MATPSS	TEST	.	.	P	.	.	.	.	.	K-4	1	.	0.5	
90	MATPSS	TEST	.	.	P	.	.	.	.	.	K-5	1	.	0.5	
90	MATPSS	TEST	.	.	P	.	.	.	.	.	K-6	1	.	0.5	
90	MATPSS	TEST	.	.	P	.	.	.	.	.	K-7	1	.	0.5	
90	MATPSS	TEST	.	.	P	.	.	.	.	.	K-8	1	.	0.5	
90	MATPSS	TEST	.	.	P	.	.	.	.	.	K-11	1	.	0.5	
90	MATPSS	TEST	.	.	P	.	.	.	.	.	K-12	1	.	0.5	
90	MATPSS	TEST	.	.	P	.	.	.	.	.	K-13	1	.	0.5	
90	MATPSS	TEST	.	.	P	.	.	.	.	.	K-14	1	.	0.5	
90	MATPSS	TEST	.	.	P	.	.	.	.	.	K-17	1	.	0.5	
90	MATPSS	TEST	.	.	P	.	.	.	.	.	K-18	1	.	0.5	
90	MATPSS	TEST	.	.	P	.	.	.	.	.	K-19	1	.	0.5	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 22 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~90~~	MATPSS	TEST	.	.	P	.	.	.	.	.	K-20	1	.	0.5	
~~90~~	MATPSS	TEST	.	.	P	.	.	.	.	.	K-21	1	.	0.5	
~~90~~	MATPSS	TEST	.	.	P	.	.	.	.	.	K-23	1	.	0.5	
95 ~~90~~	MATPSS	TEST	.	1.0	P	.	8602BK10	.	.	.3	L-93 ~~1=84~~	1	.	.3 ~~0.5~~	
~~100~~	MATPSS	TEST	1.00	.	P T	.	.	.	.	.	.	.	.	.	
~~100~~	MATPSS	TEST	.	.	S	.	.	.	.	.	.	.	.	.	
100	MATPSS	TEST	.	1.0	P	.	8602EK10 ~~H0-10~~	1	.	0.5	L-93 ~~H-5~~	1	.	0.5	
100	MATPSS	TEST	.	.	P	.	.	.	.	.	H-2	1	.	0.5	
100	MATPSS	TEST	.	.	P	.	.	.	.	.	H-3	1	.	0.5	
100	MATPSS	TEST	.	.	P	.	.	.	.	.	H-4	1	.	0.5	
100	MATPSS	TEST	.	.	P	.	.	.	.	.	H-5	1	.	0.5	
100	MATPSS	TEST	.	.	P	.	.	.	.	.	H-6	1	.	0.5	

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NAME _____ ALC SA DATE _____ RCC TPSS SHEET 23 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
100	MATPSS	TEST	.	.	P	.		.	.	.	H-7	1	.	0.5	
100	MATPSS	TEST	.	.	P	.		.	.	.	H-7A	1	.	0.5	
100	MATPSS	TEST	.	.	P	.		.	.	.	H-8	1	.	0.5	
100	MATPSS	TEST	.	.	P	.		.	.	.	H-9	1	.	0.5	
100	MATPSS	TEST	.	.	P	.		.	.	.	H-10	1	.	0.5	
100	MATPSS	TEST	.	.	P	.		.	.	.	H-11	1	.	0.5	
100	MATPSS	TEST	.	.	P	.		.	.	.	K-1	1	.	0.5	
100	MATPSS	TEST	.	.	P	.		.	.	.	K-2	1	.	0.5	
100	MATPSS	TEST	.	.	P	.		.	.	.	K-3	1		0.5	
100	MATPSS	TEST	.	.	P	.		.	.	.	K-4	1	.	0.5	
100	MATPSS	TEST	.	.	P	.		.	.	.	K-5	1	.	0.5	
100	MATPSS	TEST	.	.	P	.		.	.	.	K-6	1	.	0.5	
100	MATPSS	TEST	.	.	P	.		.	.	.	K-7	1	.	0.5	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 24 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
100	MATPSS	TEST	.	.	P	.		.	.	.	K-9	1	.	0.5	
100	MATPSS	TEST	.	.	P	.		.	.	.	K-11	1	.	0.5	
100	MATPSS	TEST	.	.	P	.		.	.	.	K-12	1	.	0.5	
100	MATPSS	TEST	.	.	P	.		.	.	.	K-13	1	.	0.5	
100	MATPSS	TEST	.	.	P	.		.	.	.	K-14	1	.	0.5	
100	MATPSS	TEST	.	.	P	.		.	.	.	K-17	1	.	0.5	
100	MATPSS	TEST	.	.	P	.		.	.	.	18	1	.	0.5	
100	MATPSS	TEST	.	.	P	.		.	.	.	K-19	1	.	0.5	
100	MATPSS	TEST	.	.	P	.		.	.	.	K-20	1	.	0.5	
100	MATPSS	TEST	.	.	P	.		.	.	.	K-21	1	.	0.5	
100	MATPSS	TEST	.	.	P	.		.	.	.	K-23	1	.	0.5	
100	MATPSS	TEST	.	.	P	.		.	.	.	K-24	1	.	0.5	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 25 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~110~~	~~MATPSS~~	~~TEST~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~110~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
110	MATPSS	TEST	.	~~1.0~~	P	.	~~WG-10~~ 8602BK 10	1	.	~~0.0~~ .1	~~H-1~~ L-93	1	.	~~0.0~~ .1	
110	MATPSS	TEST	.	.	P	.		.	.	.	H-2	1	.	0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	H-3	1	.	0.0	
110	MATPSS	TEST	.		P	.		.	.	.	H-4	1	.	0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	H-5	1	.	0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	H-6	1	.	0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	H-7	1	.	0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	H-7A	1	.	0.0	
110	MATPSS	TEST		.	P	.		.	.	.	H-8	1	.	0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	H-9	1	.	0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	H-10	1	.	0.0	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 26 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
110	MATPSS	TEST	.	.	P	.		.	.	.	H-11	1	.	0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	K-1	1	.	0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	K-2	1		0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	K-3	1	.	0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	K-4	1	.	0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	K-5	1	.	0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	K-6	1	.	0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	K-7	1		0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	K-9	1	.	0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	K-11	1	.	0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	K-12	1	.	0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	K-13	1	.	0.0	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 27 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
110	MATPSS	TEST	.	.	P	.		.	.	.	K-14	1	.	0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	K-17	1	.	0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	K-18	1	.	0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	K-19	1	.	0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	K-20	1	.	0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	K-21	1	.	0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	K-23	1	.	0.0	
110	MATPSS	TEST	.	.	P	.		.	.	.	K-24	1	.	0.0	
115	MATPSS	TEST	1.00	.	T	.		.	.	.		.	.	.	
115	MATPSS	TEST	.	.	S	.		.	.	.					
115	MATPSS	TEST	.	1.0	P	8602BK10 ~~WC 10~~		1	.	~~0.0~~ 1 ~~H-1~~ L-93		1	.	~~0.0~~ .1	
~~115~~	~~MATPSS~~	~~TEST~~	~~.~~	~~.~~	~~P~~	~~.~~		~~.~~	~~.~~	~~.~~	~~H-2~~	~~1~~	~~.~~	~~0.0~~	
~~115~~	~~MATPSS~~	~~TEST~~	~~.~~	~~.~~	~~P~~	~~.~~		~~.~~	~~.~~	~~.~~	~~H-3~~	~~1~~	~~.~~	~~0.0~~	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 28 OF ___

ITEM CD PCN 08086A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
115	MATPSS	TEST	.	.	P	.		.	.	.	H-4	1	.	0.0	
115	MATPSS	TEST	.	.	P	.		.	.	.	H-5	1	.	0.0	
115	MATPSS	TEST	.	.	P	.		.	.	.	H-6	1	.	0.0	
115	MATPSS	TEST	.	.	P	.		.	.	.	H-7	1	.	0.0	
115	MATPSS	TEST	.	.	P	.		.	.	.	H-7A	1	.	0.0	
115	MATPSS	TEST	.	.	P	.		.	.	.	H-8	1	.	0.0	
115	MATPSS	TEST	.	.	P	.		.	.	.	H-9	1	.	0.0	
115	MATPSS	TEST	.	.	P	.		.	.	.	H-10	1	.	0.0	
115	MATPSS	TEST	.	.	P	.		.	.	.	H-11	1	.	0.0	
115	MATPSS	TEST	.	.	P	.		.	.	.	K-1	1	.	0.0	
115	MATPSS	TEST	.	.	P	.		.	.	.	K-2	1	.	0.0	
115	MATPSS	TEST	.	.	P	.		.	.	.	K-3	1	.	0.0	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 29 OF ___

ITEM CD PCN 08006A WCO TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
115	MATPSS	TEST	.	.	P	.		.	.	.	K-4	1	.	0.0	
115	MATPSS	TEST	.	.	P	.		.	.	.	K-5	1	.	0.0	
115	MATPSS	TEST	.	.	P	.		.	.	.	K-6	1	.	0.0	
115	MATPSS	TEST	.	.	P	.		.	.	.	K-7	1	.	0.0	
115	MATPSS	TEST	.	.	P	.		.	.	.	K-9	1	.	0.0	
115	MATPSS	TEST	.	.	P	.		.	.	.	K-11	1	.	0.0	
115	MATPSS	TEST	.	.	P	.		.	.	.	K-12	1	.	0.0	
115	MATPSS	TEST	.	.	P	.		.	.	.	K-13	1	.	0.0	
115	MATPSS	TEST	.	.	P	.		.	.	.	K-14	1	.	0.0	
115	MATPSS	TEST	.	.	P	.		.	.	.	K-17	1	.	.	
115	MATPSS	TEST	.	.	P	.		.	.	.	K-18	1	.	0.0	
115	MATPSS	TEST	.	.	P	.		.	.	.	K-19	1	.	0.0	
115	MATPSS	TEST	.	.	P	.		.	.	.	K-20	1	.	0.0	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 30 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
115	MATPSS	TEST	.	.	P	.			.	.	K-21	1	.	0.0	
115	MATPSS	TEST	.	.	P	.			.	.	K-23	1	.	0.0	
~~115~~	~~MATPSS~~	~~TEST~~	~~.~~	~~.~~	~~P~~	~~.~~			~~.~~	~~.~~	~~K-24~~	~~1~~	~~.~~	~~0.1~~	
~~120~~	~~MATPSS~~	~~TEST~~	~~1.00~~	~~.~~	~~T~~	~~.~~			~~.~~	~~.~~			~~.~~	~~.~~	
~~120~~	~~MATPSS~~	~~TEST~~			~~S~~	~~.~~			~~.~~	~~.~~					
120	MATPSS	TEST	.	1.0	P	.	~~WG-10~~ 8602BK10	1	.	0.3	~~H-1~~ L-93	1	.	0.3	
120	MATPSS	TEST	.	.	P	.			.	.	H-2	1	.	0.3	
120	MATPSS	TEST	.	.	P	.			.	.	H-3	1	.	0.3	
120	MATPSS	TEST	.	.	P	.			.	.	H-4	1	.	0.3	
120	MATPSS	TEST	.	.	P	.			.	.	H-5	1	.	0.3	
120	MATPSS	TEST	.	.	P	.			.	.	H-6	1	.	0.3	
120	MATPSS	TEST	.	.	P	.			.	.	H-7	1	.	0.3	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 31 OF ___

ITEM CD PCN 03006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
120	MATPSS	TEST	.	.	P	.	.	.	.	.	H-7A	1	.	0.3	
120	MATPSS	TEST	.	.	P	.		.	.	.	H-8	1	.	0.3	
120	MATPSS	TEST	.	.	P			.	.	.	H-9	1		0.3	
120	MATPSS	TEST	.	.	P	.		.	.	.	H-10	1	.	0.3	
120	MATPSS	TEST	.	.	P	.			.	.	H-11	1	.	0.3	
120	MATPSS	TEST	.	.	P	.		.	.	.	K-1	1	.	0.3	
120	MATPSS	TEST	.	.	P	.		.	.	.	K-2	1	.	0.3	
120	MATPSS	TEST	.	.	P	.		.	.	.	K-3	1	.	0.3	
120	MATPSS	TEST	.	.	P	.		.	.	.	K-4	1	.	0.3	
120	MATPSS	TEST	.	.	P	.		.	.	.	K-5	1	.	0.3	
120	MATPSS	TEST	.	.	P	.		.	.	.	K-6	1	.	0.3	
120	MATPSS	TEST	.	.	P	.		.	.	.	K-7	1	.	0.3	
120	MATPSS	TEST	.	.	P	.		.	.	.	K-9	1	.	0.3	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 32 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
120	MATPSS	TEST	.	.	P	.		.	.	.	K-11	1	.	0.3	
120	MATPSS	TEST	.	.	P	.		.	.	.	K-12	1	.	0.3	
120	MATPSS	TEST	.	.	P	.		.	.	.	K-13	1	.	0.3	
120	MATPSS	TEST	.	.	P	.		.	.	.	K-14	1	.	0.3	
120	MATPSS	TEST	.	.	P	.		.	.	.	K-17	1	.	0.3	
120	MATPSS	TEST	.	.	P	.		.	.	.	K-18	1	.	0.3	
120	MATPSS	TEST	.	.	P	.		.	.	.	K-19	1	.	0.3	
120	MATPSS	TEST	.	.	P	.		.	.	.	K-20	1	.	0.3	
120	MATPSS	TEST	.	.	P	.		.	.	.	K-21	1	.	0.3	
120	MATPSS	TEST	.	.	P	.		.	.	.	K-23	1	.	0.3	
120	MATPSS	TEST	.	.	P	.		.	.	.	K-24	1	.	0.3	
~~130~~	~~MATPSS~~	~~TEST~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	

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OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 140

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 33 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~130~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.	.	.	.	.		.	.	.	
130	MATPSS	TEST	.	1.0	P	.	86026K10	1	.	0.3	L-93	1.	.	.3	
~~150~~	~~MATPSS~~	~~TEST~~	~~1.00~~	.	~~T~~	.	.	.	.	.		.	.	.	
~~150~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.	.	.	.	.		.	.	.	
150	MATPSS	TEST	.	1.0	P	.	86026K10	1	.	0.3	L-93 H-1	1	.	0.3	
150	MATPSS	TEST	.	.	P	.	.	.	.	.	H-2	1	.	0.3	
150	MATPSS	TEST	.	.	P	.	.	.	.	.	H-3	1	.	0.3	
150	MATPSS	TEST	.	.	P	.	.	.	.	.	H-4	1	.	0.3	
150	MATPSS	TEST	.	.	P	.	.	.	.	.	H-5	1	.	0.3	
150	MATPSS	TEST	.	.	P	.	.	.	.	.	H-6	1	.	0.3	
150	MATPSS	TEST	.	.	P	.	.	.	.	.	H-7	1	.	0.3	
150	MATPSS	TEST	.	.	P	.	.	.	.	.	H-7A	1	.	0.3	
150	MATPSS	TEST	.	.	P	.	.	.	.	.	H-8	1	.	0.3	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 34 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
150	MATPSS	TEST	.	.	P	.		.	.	.	H-9	1	.	0.3	
150	MATPSS	TEST	.	.	P	.		.	.	.	H-10	1	.	0.3	
150	MATPSS	TEST	.	.	P	.		.	.	.	H-11	1	.	0.3	
150	MATPSS	TEST	.	.	P	.		.	.	.	K-1	1	.	0.3	
150	MATPSS	TEST	.	.	P	.		.	.	.	K-2	1	.	0.3	
150	MATPSS	TEST	.	.	P	.		.	.	.	K-3	1	.	0.3	
150	MATPSS	TEST	.	.	P	.		.	.	.	K-4	1	.	0.3	
150	MATPSS	TEST	.	.	P	.		.	.	.	K-5	1	.	0.3	
150	MATPSS	TEST	.	.	P	.		.	.	.	K-6	1	.	0.3	
150	MATPSS	TEST	.	.	P	.		.	.	.	K-7	1	.	0.3	
150	MATPSS	TEST	.	.	P	.		.	.	.	K-9	1	.	0.3	
150	MATPSS	TEST	.	.	P	.		.	.	.	K-11	1	.	0.3	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 35 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAN OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
150	MATPSS	TEST	.	.	P	.		.	.	.	K-12	1	.	0.3	
150	MATPSS	TEST	.	.	P	.		.	.	.	K-13	1	.	0.3	
150	MATPSS	TEST	.	.	P	.		.	.	.	K-14	1	.	0.3	
150	MATPSS	TEST	.	.	P	.		.	.	.	K-17	1	.	0.3	
150	MATPSS	TEST	.	.	P	.		.	.	.	K-18	1	.	0.3	
150	MATPSS	TEST	.	.	P	.		.	.	.	K-19	1	.	0.3	
150	MATPSS	TEST	.	.	P	.		.	.	.	K-20	1	.	0.3	
150	MATPSS	TEST	.	.	P	.		.	.	.	K-21	1	.	0.3	
150	MATPSS	TEST	.	.	P	.		.	.	.	K-23	1	.	0.3	
160	MATPSS	TEST	.	.	P	.		.	.	.	K-24	1	.	0.3	
180	MATPSS	TEST	.	1.0	P	.	8602BK10	1	.	.1	L-93	1	.	.1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 36 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
160	MATPSS	TEST	.	.	P	.		.	.	.	H-2	1	.	0.0	
160	MATPSS	TEST	.	.	P	.		.	.	.	H-3	1	.	0.0	
160	MATPSS	TEST	.	.	P	.		.	.	.	H-4	1	.	0.0	
160	MATPSS	TEST	.	.	P	.		.	.	.	H-5	1	.	0.0	
160	MATPSS	TEST	.	.	P	.		.	.	.	H-6	1	.	0.0	
160	MATPSS	TEST	.	.	P	.		.	.	.	H-7	1	.	0.0	
160	MATPSS	TEST	.	.	P	.		.	.	.	H-7A	1	.	0.0	
160	MATPSS	TEST	.	.	P	.		.	.	.	H-8	1	.	0.0	
160	MATPSS	TEST	.	.	P	.		.	.	.	H-9	1	.	0.0	
160	MATPSS	TEST	.	.	P	.		.	.	.	H-10	1	.	0.0	
160	MATPSS	TEST	.	.	P	.		.	.	.	H-11	1	.	0.0	
160	MATPSS	TEST	.	.	P	.		.	.	.	K-1	1	.	0.0	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 37 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
160	MATPSS	TEST	.	.	P	.	.	.	.	.	K-2	1	.	0.0	
160	MATPSS	TEST	.	.	P	.		.	.	.	K-3	1	.	0.0	
160	MATPSS	TEST	.	.	P	.		.	.	.	K-4	1	.	0.0	
160	MATPSS	TEST	.	.	P	.		.	.	.	K-5	1	.	0.0	
160	MATPSS	TEST	.	.	P	.		.	.	.	K-6	1	.	0.0	
160	MATPSS	TEST	.	.	P	.		.	.	.	K-7	1	.	0.0	
160	MATPSS	TEST	.	.	P	.		.	.	.	K-9	1	.	0.0	
160	MATPSS	TEST	.	.	P	.		.	.	.	K-11	1	.	0.0	
160	MATPSS	TEST	.	.	P	.		.	.	.	K-12	1	.	0.0	
160	MATPSS	TEST	.	.	P	.		.	.	.	K-13	1	.	0.0	
160	MATPSS	TEST	.	.	P	.		.	.	.	K-14	1	.	0.0	
160	MATPSS	TEST	.	.	P	.		.	.	.	K-17	1	.	0.0	
160	MATPSS	TEST	.	.	P	.		.	.	.	K-18	1	.	0.0	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 38 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
160	MATPSS	TEST	.	.	P	.			.	.	K-19	1	.	0.0	
160	MATPSS	TEST	.	.	P	.			.	.	K-20	1	.	0.0	
160	MATPSS	TEST	.	.	P	.			.	.	K-21	1	.	0.0	
160	MATPSS	TEST	.	.	P	.			.	.	K-23	1	.	0.0	
160	MATPSS	TEST	.	.	P	.			.	.	K-24	1	.	0.0	
165	MATPSS	TEST	0.97	.	T	.			.	.		.	.	.	
165	MATPSS	TEST	.	.	S	.			.	.		.	.	.	
165	MATPSS	TEST	.	1.0	P	.	8602 BK 10 NO-10	1	.	0.8	L-93 H-1	1	.	0.8	
165	MATPSS	TEST	.	.	P	.			.	.	H-2	1	.	0.8	
165	MATPSS	TEST	.	.	P	.			.	.	H-3	1	.	0.8	
165	MATPSS	TEST	.	.	P	.			.	.	H-4	1	.	0.8	
165	MATPSS	TEST	.	.	P	.			.	.	H-5	1	.	0.8	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 39 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
165	MATPSS	TEST	.	.	P	.		.	.	.	H-6	1	.	0.8	
165	MATPSS	TEST	.	.	P	.		.	.	.	H-7	1	.	0.8	
165	MATPSS	TEST	.	.	P			.	.	.	H-7A	1	.	0.8	
165	MATPSS	TEST	.	.	P	.		.	.	.	H-8	1	.	0.8	
165	MATPSS	TEST	.	.	P	.		.	.	.	H-9	1	.	0.8	
165	MATPSS	TEST	.	.	P	.		.	.	.	H-10	1	.	0.8	
165	MATPSS	TEST	.	.	P	.		.	.	.	H-11	1	.	0.8	
165	MATPSS	TEST	.	.	P	.		.	.	.	K-1	1	.	0.	
165	MATPSS	TEST	.	.	P	.		.	.	.	K-2	1	.	0.8	
165	MATPSS	TEST	.	.	P	.		.	.	.	K-3	1	.	0.8	
165	MATPSS	TEST	.	.	P	.		.	.	.	K-4	1	.	0.8	
165	MATPSS	TEST	.	.	P	.		.	.	.	K-5	1	.	0.8	
165	MATPSS	TEST	.	.	P	.		.	.	.	K-6	1	.	0.8	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 40 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
165	MATPSS	TEST	.	.	P	.		.	.	.	K-7	1	.	0.8	
165	MATPSS	TEST	.	.	P	.		.	.	.	K-9	1	.	0.8	
165	MATPSS	TEST	.	.	P	.		.	.	.	K-11	1	.	0.8	
165	MATPSS	TEST	.	.	P	.		.	.	.	K-12	1	.	0.8	
165	MATPSS	TEST	.	.	P	.		.	.	.	K-13	1	.	0.8	
165	MATPSS	TEST	.	.	P	.		.	.	.	K-14	1	.	0.8	
165	MATPSS	TEST	.	.	P	.		.	.	.	K-17	1	.	0.8	
165	MATPSS	TEST	.	.	P	.		.	.	.	K-18	1	.	0.8	
165	MATPSS	TEST	.	.	P	.		.	.	.	K-19	1	.	0.8	
165	MATPSS	TEST	.	.	P	.		.	.	.	K-20	1	.	0.8	
165	MATPSS	TEST	.	.	P	.		.	.	.	K-21	1	.	0.8	
165	MATPSS	TEST	.	.	P	.		.	.	.	K-22	1	.	0.8	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 41 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~165~~	~~MATPSS~~	~~TEST~~	.	.	~~P~~	.					~~K-2A~~	~~1~~	.	~~0.8~~	
~~170~~	~~MATPSS~~	~~TEST~~	~~0.97~~	.	~~T~~										
~~170~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~										
170	MATPSS	TEST	.	/.0	P	.	~~H0-10~~ 8602EK10	1	.	0.5 ~~H-1~~ .5 L-93		1	.	~~0.3~~ .5	
~~170~~	~~MATPSS~~	~~TEST~~	.	.	~~P~~	.					~~H-2~~	~~1~~	.	~~0.3~~	
170	MATPSS	TEST	.	.	P	.					H-3	1	.	0.3	
170	MATPSS	TEST	.	.	P	.					H-4	1	.	0.3	
170	MATPSS	TEST	.	.	P	.					H-5	1	.	0.3	
170	MATPSS	TEST	.	.	P	.					H-6	1	.	0.3	
170	MATPSS	TEST	.	.	P	.					H-7	1	.	0.3	
170	MATPSS	TEST	.	.	P	.					H-7A	1	.	0.3	
170	MATPSS	TEST	.	.	P	.					H-8	1	.	0.3	
170	MATPSS	TEST	.	.	P	.					H-9	1	.	0.3	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 42 OF ___

ITEM CD PCN Q8006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
170	MATPSS	TEST	.	.	P	.					H-10	1		0.3	
170	MATPSS	TEST	.	.	P	.					H-11	1		0.3	
170	MATPSS	TEST	.	.	P	.					K-1	1		0.3	
170	MATPSS	TEST	.	.	P	.					K-2	1		0.3	
170	MATPSS	TEST	.	.	P	.					K-3	1		0.3	
170	MATPSS	TEST	.	.	P	.					K-4	1		0.3	
170	MATPSS	TEST	.	.	P	.					K-5	1		0.3	
170	MATPSS	TEST	.	.	P	.					K-6	1		0.3	
170	MATPSS	TEST	.	.	P	.					K-7	1		0.3	
170	MATPSS	TEST	.	.	P	.					K-9	1		0.3	
170	MATPSS	TEST	.	.	P	.					K-11	1		0.3	
170	MATPSS	TEST	.	.	P	.					K-12	1		0.3	

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OPERATION PROFILE

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NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 43 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
170	MATPSS	TEST	.	.	P	.		.	.	.	K-13	1	.	0.3	
170	MATPSS	TEST	.	.	P	.		.	.	.	K-14	1	.	0.3	
170	MATPSS	TEST	.	.	P	.		.	.	.	K-17	1	.	0.3	
170	MATPSS	TEST	.	.	P	.		.	.	.	K-18	1	.	0.3	
170	MATPSS	TEST	.	.	P	.		.	.	.	K-19	1	.	0.3	
170	MATPSS	TEST	.	.	P	.		.	.	.	K-20	1	.	0.3	
170	MATPSS	TEST	.	.	P	.		.	.	.	K-21	1	.	0.3	
170	MATPSS	TEST	.	.	P	.		.	.	.	K-23	1	.	0.3	
~~170~~	~~MATPSS~~	~~TEST~~	.	.	~~P~~	.		.	.	.	~~K-24~~	~~1~~	.	~~0.3~~	
~~180~~	~~MATPSS~~	~~TEST~~	~~0.07~~	.	~~T~~	.		.	.	.		.	.	.	
~~180~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
180	MATPSS	TEST	.	1.0	P	.	~~WC 10~~ 8602BK10	1	.	0.3	~~H-2~~ L-93	1	.	0.3	
~~180~~	~~MATPSS~~	~~TEST~~	.	.	~~P~~	.		.	.	.	~~H-2~~	~~1~~	.	~~0.3~~	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 44 OF ___

ITEM CD PCN-08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OI DES.	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
180	MATPSS	TEST	.	.	P	.		.	.	.	H-3	1	.	0.3	
180	MATPSS	TEST	.	.	P	.		.	.	.	H-4	1	.	0.3	
180	MATPSS	TEST	.	.	P	.		.	.	.	H-5	1	.	0.3	
180	MATPSS	TEST	.	.	P	.		.	.	.	H-6	1	.	0.3	
180	MATPSS	TEST	.	.	P	.		.	.	.	H-7	1	.	0.3	
180	MATPSS	TEST	.	.	P	.		.	.	.	H-7A	1	.	0.3	
180	MATPSS	TEST	.	.	P	.		.	.	.	H-8	1	.	0.3	
180	MATPSS	TEST	.	.	P	.		.	.	.	H-9	1	.	0.3	
180	MATPSS	TEST	.	.	P	.		.	.	.	H-10	1	.	0.3	
180	MATPSS	TEST	.	.	P	.		.	.	.	H-11	1	.	0.3	
180	MATPSS	TEST	.	.	P	.		.	.	.	K-1	1	.	0.3	
180	MATPSS	TEST	.	.	P	.		.	.	.	K-2	1	.	0.3	

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NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 45 OF ___

ITEM CD PCN 68006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
180	MATPSS	TEST			P						K-3	1		0.3	
180	MATPSS	TEST			P						K-4	1		0.3	
180	MATPSS	TEST			P						K-5	1		0.3	
180	MATPSS	TEST			P						K-6	1		0.3	
180	MATPSS	TEST			P						K-7	1		0.3	
180	MATPSS	TEST			P						K-9	1		0.3	
180	MATPSS	TEST			P						K-11	1		0.3	
180	MATPSS	TEST			P						K-12	1		0.3	
180	MATPSS	TEST			P						K-13	1		0.3	
180	MATPSS	TEST			P						K-14	1		0.3	
180	MATPSS	TEST			P						K-17	1		0.3	
180	MATPSS	TEST			P						K-18	1		0.3	
180	MATPSS	TEST			P						K-19	1		0.3	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 46 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
180	MATPSS	TEST	.	.	P	.	.	.	.	.	K-20	1	.	0.3	
180	MATPSS	TEST	.	.	P	.	.	.	.	.	K-21	1	.	0.3	
180	MATPSS	TEST	.	.	P	.	.	.	.	.	K-23	1	.	0.3	
180	MATPSS	TEST	.	.	P	.	.	.	.	.	K-24	1	.	0.3	
182	MATPSS	TEST	0.07		T	.	.	.	.	.	.	.	.	.	
182	MATPSS	TEST	.	.	S	.	.	.	.	.	.	.	.	.	
182	MATPSS	TEST	.	1.0	P	.	8602BK10 WG 10	1	.	0.04		1	.	0.04	
182	MATPSS	TEST	.	.	P	.	.	.	.	.	H-2	1	.	0.0	
182	MATPSS	TEST	.	.	P	.	.	.	.	.	H-3	1	.	0.0	
182	MATPSS	TEST	.	.	P	.	.	.	.	.	H-4	1	.	0.0	
182	MATPSS	TEST	.	.	P	.	.	.	.	.	H-5	1	.	0.0	
182	MATPSS	TEST	.	.	P	.	.	.	.	.	H-6	1	.	0.0	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 47 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
182	MATPSS	TEST	.	.	P	.			.	.	H-7	1	.	0.0	
182	MATPSS	TEST	.	.	P	.			.	.	H-7A	1	.	0.0	
182	MATPSS	TEST	.	.	P	.			.	.	H-8	1	.	0.0	
182	MATPSS	TEST	.	.	P	.			.	.	H-9	1	.	0.0	
182	MATPSS	TEST	.	.	P	.			.	.	H-10	1	.	0.0	
182	MATPSS	TEST	.	.	P	.			.	.	H-11	1	.	0.0	
182	MATPSS	TEST	.	.	P	.			.	.	K-1	1	.	0.0	
182	MATPSS	TEST	.	.	P	.			.	.	K-2	1	.	0.0	
182	MATPSS	TEST	.	.	P	.			.	.	K-3	1	.	0.0	
182	MATPSS	TEST	.	.	P	.			.	.	K-4	1	.	0.0	
182	MATPSS	TEST	.	.	P	.			.	.	K-5	1	.	0.0	
182	MATPSS	TEST	.	.	P	.			.	.	K-6	1	.	0.0	
182	MATPSS	TEST	.	.	P	.			.	.	K-7	1	.	0.0	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 46 OF ___

ITEM-CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
182	MATPSS	TEST	.	.	P	.		.	.	.	K-9	1	.	0.0	
182	MATPSS	TEST	.		P	.		.	.	.	K-11	1	.	0.0	
182	MATPSS	TEST	.	.	P	.		.	.	.	K-12	1	.	0.0	
182	MATPSS	TEST	.	.	P	.		.	.	.	K-13	1	.	0.0	
182	MATPSS	TEST	.	.	P	.		.	.	.	K-14	1	.	0.0	
182	MATPSS	TEST	.	.	P	.		.	.	.	K-17	1	.	0.0	
182	MATPSS	TEST	.	.	P	.		.	.	.	K-18	1	.	0.0	
182	MATPSS	TEST	.	.	P	.		.	.	.	K-19	1	.	0.0	
182	MATPSS	TEST	.	.	P	.		.	.	.	K-20	1	.	0.0	
182	MATPSS	TEST	.	.	P	.		.	.	.	K-21	1	.	0.0	
182	MATPSS	TEST	.	.	P	.		.	.	.	K-23	1	.	0.0	
182	MATPSS	TEST	.	.	P	.		.	.	.	K-24	1	.	0.0	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 49 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88182

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~185~~	~~MATPSS~~	~~TEST~~	~~1.00~~		~~T~~										
~~185~~	~~MATPSS~~	~~TEST~~			~~S~~										
185	MATPSS	TEST		1.0	P		8602BK10 ~~WG-10~~	1		0.01 ~~0.0~~	~~H-1~~	~~1~~		~~0.0~~	
185	MATPSS	TEST			P						H-2	1		0.0	
185	MATPSS	TEST			P						H-3	1		0.0	
185	MATPSS	TEST			P						H-4	1		0.0	
185	MATPSS	TEST			P						H-5	1		0.0	
185	MATPSS	TEST			P						H-6	1		0.0	
185	MATPSS	TEST			P						H-7	1		0.0	
185	MATPSS	TEST			P						H-7A	1		0.0	
185	MATPSS	TEST			P						H-8	1		0.0	
185	MATPSS	TEST			P						H-9	1		0.0	
185	MATPSS	TEST			P						H-10	1		0.0	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ [illegible]CC MATPSS SHEET 50 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
185	MATPSS	TEST	.	.	P	.			.	.	H-11	1	.	0.0	
185	MATPSS	TEST	.	.	P	.			.	.	K-1	1	.	0.0	
185	MATPSS	TEST	.	.	P	.			.	.	K-2	1	.	0.0	
185	MATPSS	TEST	.	.	P	.			.	.	K-3	1	.	0.0	
185	MATPSS	TEST	.	.	P	.			.	.	K-4	1	.	0.0	
185	MATPSS	TEST	.	.	P	.			.	.	K-5	1	.	0.0	
185	MATPSS	TEST	.	.	P	.			.	.	K-6	1	.	0.0	
185	MATPSS	TEST	.	.	P	.			.	.	K-7	1	.	0.0	
185	MATPSS	TEST	.	.	P	.			.	.	K-9	1	.	0.0	
185	MATPSS	TEST	.	.	P	.			.	.	K-11	1	.	0.0	
185	MATPSS	TEST	.	.	P	.			.	.	K-12	1	.	0.0	
185	MATPSS	TEST	.	.	P	.			.	.	K-13	1	.	0.0	

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OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 51 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
185	MATPSS	TEST	.	.	P	.		.	.	.	K-14	1	.	0.0	
185	MATPSS	TEST	.	.	P	.		.	.	.	K-17	1	.	0.0	
185	MATPSS	TEST	.	.	P	.		.	.	.	K-18	1	.	0.0	
185	MATPSS	TEST	.	.	P	.		.	.	.	K-19	1	.	0.0	
185	MATPSS	TEST	.	.	P	.		.	.	.	K-20	1	.	0.0	
185	MATPSS	TEST	.	.	P	.		.	.	.	K-21	1	.	0.0	
185	MATPSS	TEST	.	.	P	.		.	.	.	K-23	1	.	0.0	
~~185~~	~~MATPSS~~	~~TEST~~			~~P~~						~~K-24~~	~~1~~		~~0.0~~	
~~186~~	~~MATPSS~~	~~TEST~~			~~T~~										
~~186~~	~~MATPSS~~	~~TEST~~			~~S~~										
186	MATPSS	TEST	.	1.0 & T	.	~~.10~~		1	.	0.5	~~H-1~~	~~1~~	.	~~0.5~~	B602BK05
~~186~~	~~MATPSS~~	~~TEST~~	~~.~~	~~.~~	~~P~~	~~.~~		~~.~~	~~.~~	~~.~~	~~H-2~~	~~1~~	~~.~~	~~0.5~~	
~~186~~	~~MATPSS~~	~~TEST~~	~~.~~	~~.~~	~~P~~	~~.~~		~~.~~	~~.~~	~~.~~	~~H-3~~	~~1~~	~~.~~	~~0.5~~	

OPERATION PROFILE

NAME _____ DATE _____ RCC MATPSS SHEET 52 OF ___

ITEM CD PCN 08006A WCD T[illegible] WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	F	MAND HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
186	MATPSS	TEST	.	.	P		.		.	.	.	H-4	1	.	0.5	
186	MATPSS	TEST	.	.	P		.		.	.	.	H-5	1	.	0.5	
186	MATPSS	TEST	.	.	P		.		.	.	.	H-6	1	.	0.5	
186	MATPSS	TEST	.	.	P		.		.	.	.	H-7	1	.	0.5	
186	MATPSS	TEST	.	.	P		.		.	.	.	H-7A	1	.	0.5	
186	MATPSS	TEST	.	.	P		.		.	.	.	H-8	1	.	0.5	
186	MATPSS	TEST	.	.	P		.		.	.	.	H-9	1	.	0.5	
186	MATPSS	TEST	.	.	P		.		.	.	.	H-10	1	.	0.5	
186	MATPSS	TEST	.	.	P		.		.	.	.	H-11	1	.	0.5	
186	MATPSS	TEST	.	.	P		.		.	.	.	K-1	1	.	0.5	
186	MATPSS	TEST	.	.	P		.		.	.	.	K-2	1	.	0.5	
186	MATPSS	TEST	.	.	P		.	WG-10	1	.	0.5	K-3	1	.	0.5	

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OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 53 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
186	MATPSS	TEST	.	.	P	.		.	.	.	K-4	1	.	0.5	
186	MATPSS	TEST	.	.	P	.		.	.	.	K-5	1	.	0.5	
186	MATPSS	TEST	.	.	P	.		.	.	.	K-6	1	.	0.5	
186	MATPSS	TEST	.	.	P	.		.	.	.	K-7	1	.	0.5	
186	MATPSS	TEST	.	.	P	.		.	.	.	K-9	1	.	0.5	
186	MATPSS	TEST	.	.	P	.		.	.	.	K-11	1	.	0.5	
186	MATPSS	TEST	.	.	P	.		.	.	.	K-12	1	.	0.5	
186	MATPSS	TEST	.	.	P	.		.	.	.	K-13	1	.	0.5	
186	MATPSS	TEST	.	.	P	.		.	.	.	K-14	1	.	0.5	
186	MATPSS	TEST	.	.	P	.		.	.	.	K-17	1	.	0.5	
186	MATPSS	TEST	.	.	P	.		.	.	.	K-18	1	.	0.5	
186	MATPSS	TEST	.	.	P	.		.	.	.	K-19	1	.	0.5	
186	MATPSS	TEST	.	.	P	.		.	.	.	K-20	1	.	0.5	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 54 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
186	MATPSS	TEST			P						K-21	1		0.5	
186	MATPSS	TEST			P						K-23	1		0.5	
186	MATPSS	TEST			P						K-24	1		0.5	
190	MATPSS	TEST	0.94		T										
190	MATPSS	TEST			S										
190	MATPSS	TEST		/.0	P		86028K10	1		0.1					
190	MATPSS	TEST			P						H-2	1		0.1	
190	MATPSS	TEST			P						H-3	1		0.1	
190	MATPSS	TEST			P						H-4	1		0.1	
190	MATPSS	TEST			P						H-5	1		0.1	
190	MATPSS	TEST			P						H-6	1		0.1	
190	MATPSS	TEST			P						H-7	1		0.1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 55 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
190	MATPSS	TEST	.	.	P	.		.	.	.	H-7A	1	.	0.1	
190	MATPSS	TEST	.	.	P	.		.	.	.	H-8	1	.	0.1	
190	MATPSS	TEST	.	.	P	.		.	.	.	H-9	1	.	0.1	
190	MATPSS	TEST	.	.	P	.		.	.	.	H-10	1	.	0.1	
190	MATPSS	TEST	.	.	P	.		.	.	.	H-11	1	.	0.1	
190	MATPSS	TEST	.	.	P	.		.	.	.	K-1	1	.	0.1	
190	MATPSS	TEST	.	.	P	.		.	.	.	K-2	1	.	0.1	
190	MATPSS	TEST	.	.	P	.		.	.	.	K-3	1	.	0.1	
190	MATPSS	TEST	.	.	P	.		.	.	.	K-4	1	.	0.1	
190	MATPSS	TEST	.	.	P	.		.	.	.	K-5	1	.	0.1	
190	MATPSS	TEST	.	.	P	.		.	.	.	K-6	1	.	0.1	
190	MATPSS	TEST	.	.	P	.		.	.	.	K-7	1	.	0.1	
190	MATPSS	TEST	.	.	P	.		.	.	.	K-9	1	.	0.1	

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NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 56 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~190~~	~~MATPSS~~	~~TEST~~			~~P~~						~~K-11~~	~~1~~		~~0.1~~	
190	MATPSS	TEST			P						K-12	1		0.1	
190	MATPSS	TEST			P						K-13	1		0.1	
190	MATPSS	TEST			P						K-14	1		0.1	
190	MATPSS	TEST			P						K-17	1		0.1	
190	MATPSS	TEST			P						K-18	1		0.1	
190	MATPSS	TEST			P						K-19	1		0.1	
190	MATPSS	TEST			P						K-20	1		0.1	
190	MATPSS	TEST			P						K-21	1		0.1	
190	MATPSS	TEST			P						K-23	1		0.1	
190	MATPSS	TEST			P						K-24	1		0.1	
~~191~~	~~MATPSS~~	~~ASSY~~	~~0.07~~		~~T~~										

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 57 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~191~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
191	MATPSS	ASSY	.	/.0	P	.	8602BC09 ~~WG-8~~	1	.	1.0	G-32	1	.	1.0	
191	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	1.0	
~~192~~	~~MATPSS~~	~~ASSY~~	~~0.97~~	.	~~T~~	.		.	.	.		.	.	.	
~~192~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
192	MATPSS	ASSY	.	/.0	P	.	8602BC09 ~~WG-9~~	1	.	1.0	G-32	1	.	1.0	
192	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	1.0	
~~193~~	~~MATPSS~~	~~ASSY~~	~~0.97~~	.	~~T~~	.		.	.	.		.	.	.	
~~193~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
193	MATPSS	ASSY	.	/.0	P	.	8602BC09 ~~WG-8~~	1	.	1.0	G-32	1	.	1.0	
193	MATPSS	ASSY	.	.	P			.	.	.	G-33	1	.	1.0	
~~194~~	~~MATPSS~~	~~ASSY~~	~~0.97~~	.	~~T~~	.		.	.	.		.	.	.	
~~194~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 58 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
194	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	1.0	G-32	1	.	1.0	
194	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	1.0	
~~195~~	~~MATPSS~~	~~ASSY~~	~~0.07~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~195~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
195	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	1.0	G-32	1	.	1.0	
195	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	1.0	
~~196~~	~~MATPSS~~	~~ASSY~~	~~0.07~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~196~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
196	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	1.0	G-32	1	.	1.0	
196	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	1.0	
~~220~~	~~MATPSS~~	~~ASSY~~	~~0.04~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~220~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 59 OF ___

ITEM CD PCN 08006A WCD TA109H WCDDATE 88162

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
220	MATPSS	ASSY	.	/.0	P	..	[redacted] 8602BC09	1	.	1.0	G-32	1	.	1.0	
220	MATPSS	ASSY	.	.	P	.		.	.	.	G-33	1	.	1.0	

FLOW PROCESS CHART

SUBJECT F15 JFS Test DATE 5-23-89

ITEM CODE
PCN ■
NSN □
P/N □

WCD TA109H WCD DATE 88162

08006A

CHART BEGINS 5

CHART ENDS 220 PREPARED BY APHolm

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
5	—	○▶D□▽	Move			○▷D□▽	
10	10	●▷D□▽	TEST			○▷D□▽	
20	20	●▷D□▽	TEST			○▷D□▽	
30	30	●▷D□▽	TEST			○▷D□▽	
40	40	●▷D□▽	TEST			○▷D□▽	
50	50	●▷D□▽	TEST			○▷D□▽	
60	60	●▷D□▽	TEST			○▷D□▽	
70	70	●▷D□▽	TEST			○▷D□▽	
80	80	●▷D□▽	TEST			○▷D□▽	
90	90	●▷D□▽	TEST			○▷D□▽	
95	95	●▷D□▽	TEST			○▷D□▽	
100	100	●▷D□▽	TEST			○▷D□▽	
110	110	●▷D□▽	TEST			○▷D□▽	
115	115	●▷D□▽	TEST			○▷D□▽	
120	120	●▷D□▽	TEST			○▷D□▽	
130	130	●▷D□▽	TEST			○▷D□▽	
150	150	●▷D□▽	TEST			○▷D□▽	
160	160	●▷D□▽	TEST			○▷D□▽	
165	165	●▷D□▽	TEST			○▷D□▽	
170	170	●▷D□▽	TEST			○▷D□▽	
180	180	●▷D□▽	TEST			○▷D□▽	
182	182	●▷D□▽	TEST			○▷D□▽	
185	185	●▷D□▽	TEST			○▷D□▽	
186	186	○▶D□▽	MOVE			○▷D□▽	
190	190	●▷D□▽	TEST			○▷D□▽	
191	191	●▷D□▽	ASSY			○▷D□▽	
192	192	●▷D□▽	ASSY			○▷D□▽	
193	193	●▷D□▽	ASSY			○▷D□▽	
194	194	●▷D□▽	ASSY			○▷D□▽	
195	195	●▷D□▽	ASSY			○▷D□▽	
196	196	●▷D□▽	ASSY			○▷D□▽	
220	220	●▷D□▽	ASSY			○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

▷ TRANSPORTATION D DELAY

LSC-20147

SAS

8:18 TUESDAY, MARCH 28, 1989 211

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA136R WCDDATE 88230

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~10~~	~~MATPSS~~	~~TEST~~	~~0.99~~ 1.00	.	~~T~~	.		.	.	.		.	.	.	
10	MATPSS	TEST	.	1.0	S	.	8602BK10	1	.	0.6		.	.	.	
~~10~~	~~MATPSS~~	~~TEST~~	.	.	~~P~~	.	~~WG-10~~	~~1~~	.	~~0.6~~		.	.	.	
~~15~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~15~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
15	MATPSS	TEST	.	1.0	P	.	~~WG-10~~ 8602BK10	1	.	0.1	L-93	1	.	0.1	
~~20~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~20~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
20	MATPSS	TEST	.	1.0	P	.	~~WG-10~~ 8602BK10	1	.	1.2	L-93	1	.	1.2	
~~30~~	~~MATPSS~~	~~TEST~~	0.99	.	~~T~~	.		.	.	.		.	.	.	
~~30~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
30	MATPSS	TEST	.	1.0	P	.	~~WG-10~~ 8602BK10	1	.	0.2	L-93	1	.	0.2	
~~40~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~	.		.	.	.		.	.	.	

SAS

OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 212

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA136R WCDDATE 88230

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~40~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
40	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG-10~~	1	.	0.3	L-93	1	.	0.3	
~~50~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~50~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
50	MATPSS	TEST	.	.	P	.	8602BK10 ~~WG-10~~	1	.	0.2	L-93	1	.	0.2	
60	MATPSS	TEST	.	1.0	P	.	8602BK10	1	.	0.2	L-93	1	.	0.2	PROCESS OPERATION
~~65~~	~~MATPSS~~	~~TEST~~	0.99	.	~~T~~	.		.	.	.		.	.	.	
~~65~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
65	MATPSS	TEST	.	.	P	.	8602BK10 ~~WG-10~~	1	.	0.1	L-93	1	.	0.1	
70	MATPSS	TEST	.	1.0	P	.	8602BK10	1	.	0.1	L-93	1	.	0.1	PROCESS OPERATION
~~80~~	~~MATPSS~~	~~TEST~~	0.98	.	~~T~~	.		.	.	.		.	.	.	
~~80~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
80	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG-10~~	1	.	0.1	L-93	1	.	0.1	
~~90~~	~~MATPSS~~	~~TEST~~	0.98	.	~~T~~	.		.	.	.		.	.	.	

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OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA136R WCDDATE 88230

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~80~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
90	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG-10~~	1	.	~~0.1~~ 0.3	L-93	1	.	0.3	
~~100~~	~~MATPSS~~	~~TEST~~	0.93	.	~~T~~	.		.	.	.		.	.	.	
~~100~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
100	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG-10~~	1	.	0.3	L-93	1	.	0.3	
~~110~~	~~MATPSS~~	~~TEST~~	0.84	.	~~T~~	.		.	.	.		.	.	.	
~~110~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
110	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG-10~~	1	.	0.1	L-93	1	.	0.1	
~~120~~	~~MATPSS~~	~~TEST~~	0.93	.	~~T~~	.		.	.	.		.	.	.	
~~120~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
120	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG-10~~	1	.	~~1.3~~ 0.5	L-93	1	.	0.5	
~~130~~	~~MATPSS~~	TEST	0.93	.	~~T~~	.		.	.	.		.	.	.	
~~130~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA136R WCDDATE 88230

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
130	MATPSS	TEST	.	1.0	P	.	~~WG-10~~ 8602BK10	1	.	0.6	L-93	.	.	0.6	
~~140~~	~~MATPSS~~	~~TEST~~	0.93	.	~~T~~	.		.	.	.		.	.	.	
~~140~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
140	MATPSS	TEST	.	1.0	P	.	~~WG-10~~ 8602BK10	1	.	~~0.5~~ 0.1	L-93	1	.	0.1	
~~150~~	~~MATPSS~~	~~TEST~~	0.91	.	~~T~~	.		.	.	.		.	.	.	
~~150~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
150	MATPSS	TEST	.	1.0	P	.	~~WG-10~~ 8602BK10	1	.	~~10.0~~ 2.5	L-93	1	.	2.5	
~~160~~	~~MATPSS~~	~~TEST~~	0.91	.	~~T~~	.		.	.	.		.	.	.	
~~160~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
160	MATPSS	TEST	.	1.0	P	.	~~WG-10~~ 8602BK10	1	.	~~0.1~~ 0.3	L-93	1	.	0.3	
~~170~~	~~MATPSS~~	~~TEST~~	0.91	.	~~T~~	.		.	.	.		.	.	.	
~~170~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	

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OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA136R WCDDATE 88230

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
170	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG 10~~	1	.	1.0 ~~0.1~~	L-93	1	.	1.0	
~~180~~	~~MATPSS~~	~~TEST~~	0.91	.	~~T~~	.			.	.			.	.	
~~180~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.			.	.			.	.	
180	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG 10~~	1	.	0.1 ~~0.0~~	L-93	1	.	0.1	
~~190~~	~~MATPSS~~	~~TEST~~	0.92	.	~~T~~	.			.	.			.	.	
~~190~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.			.	.			.	.	
190	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG 10~~	1	.	0.6 ~~1.2~~	L-93	1	.	0.6	
~~200~~	~~MATPSS~~	~~TEST~~	0.95	.	~~T~~	.			.	.			.	.	
~~200~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.			.	.			.	.	
200	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG 10~~	1	.	0.6 ~~0.2~~	L-93	1	.	0.6	
~~210~~	~~MATPSS~~	~~TEST~~	0.95	.	~~T~~	.			.	.			.	.	
~~210~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.			.	.			.	.	
210	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG 10~~	1	.	1.3	L-93	1	.	1.3	

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NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA136R WCDDATE 88230

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~215~~	~~MATPSS~~	~~TEST~~	0.95	.	~~T~~	.		.	.	.		.	.	.	
~~215~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
215	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG-10~~	1	.	0.2	L-93	1	.	0.2	
~~230~~	~~MATPSS~~	~~TEST~~	0.99	.	~~T~~	.		.	.	.		.	.	.	
~~230~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
230	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG-10~~	1	.	0.3	L-93	1	.	0.3	
240	MATPSS	MOVE	0.17	1.0	T	.	8602BK05	1	.	0.1		.	.	.	
~~240~~	~~MATPSS~~	~~MOVE~~	.	.	~~S~~	.		.	.	.		.	.	.	
~~240~~	~~MATPSS~~	~~MOVE~~	.	.	~~P~~	.	~~WG-10~~	~~1~~	.	~~0.1~~		.	.	.	
~~243~~	~~MATPSS~~	~~ASSY~~	0.85	.	~~T~~	.		.	.	.		.	.	.	
~~243~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	DELETE
243	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.1	L-42	1	.	0.1	

DELETE

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OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA136R WCDDATE 88230

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~245~~	~~MATPSS~~	~~ASSY~~	0.85		~~T~~										
~~245~~	~~MATPSS~~	~~ASSY~~			~~S~~										DELETE
245	MATPSS	ASSY		1.0	P		8602BC09 ~~WG 0~~	1		0.5	LWB005	1		0.4	
~~247~~	~~MATPSS~~	~~INST~~	0.76		~~T~~										
~~247~~	~~MATPSS~~	~~INST~~			~~S~~										DELETE
247	MATPSS	INST		1.0	P		8602BC09			0.8	L-75	1		0.8	INSP. BY ASSY MECHANIC
~~248~~	~~MATPSS~~	~~INST~~	0.69		~~T~~										
~~248~~	~~MATPSS~~	~~INST~~			~~S~~										DELETE //
248	MATPSS	INST		1.0	P		8602BC09			0.8	LWB005	1		0.8	
~~250~~	~~MATPSS~~	~~INSP~~	0.84		~~T~~										
~~250~~	~~MATPSS~~	~~INSP~~			~~S~~										DELETE //
250	MATPSS	INSP		1.0	P		8602BC09 ~~WG 0~~	1		0.9	LWB005	1		0.9	//
~~269~~ 268	MATPSS	MOVE			T	03	8602BC09	1		0.3					DELETE

DELETE

DELETE

DELETE

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OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA136R WCDDATE 88230

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
DELETE 260 ~~260~~	~~MATPSS~~	~~MOVE~~	.	.	~~S~~	.		.	.	.		.	.	.	DELETE
260 ~~260~~	~~MATPSS~~	~~MOVE~~	.	.	~~P~~	.	~~WG-5~~	~~1~~	.	~~0.3~~		.	.	.	
DELETE ~~270~~	~~MATPMM~~	~~PAIN~~	0.82	.	~~T~~	.		.	.	.		.	.	.	
~~270~~	~~MATPMM~~	~~PAIN~~	.	.	~~S~~	.		.	.	.		.	.	.	DELETE paint shop
270	MATPMM	PAIN	.	1.0	P	6.0		.	.	0.6		01	.	.	
280	MATPMM	MOVE	0.06	1.0	T	0.3		1	.	0.3		.	.	.	
DELETE ~~280~~	~~MATPMM~~	~~MOVE~~	.	.	~~S~~	.		.	.	.		.	.	.	Paint to Assy DELETE
~~280~~	~~MATPMM~~	~~MOVE~~	.	.	~~P~~	.		.	.	.		.	.	.	
~~290~~	~~MATPSS~~	~~ASSY~~	~~0.81~~	.	~~T~~	.		.	.	.		.	.	.	
DELETE ~~290~~	~~MATPSS~~	~~ASSY~~	..	.	~~S~~	.		.	.	.		.	.	.	DELETE
290	MATPSS	ASSY	.	1.0	P	.	8602BCP9 ~~WG-10~~	1	.	0.5	L-WB005	1	.	0.5	

FLOW PROCESS CHART

SUBJECT CENTRAL GEAR BOX TEST DATE 5/23/89

ITEM CODE
PCN ☒ 08007A
NSN ☐
P/N ☐

WCD TA136R WCD DATE 88230

CHART BEGINS OPERATION 10 RECEIVE AND PREPARE FOR TEST

CHART ENDS OPERATION 240 PREPARED BY K. ATTARIA

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
10	10	●▷D□▽	SETUP			○▷D□▽	
15	15	●▷D□▽	TEST			○▷D□▽	
20	20	●▷D□▽	〃			○▷D□▽	
30	30	●▷D□▽	〃			○▷D□▽	
40	40	●▷D□▽	〃			○▷D□▽	
50	50	●▷D□▽	〃			○▷D□▽	
60	60	●▷D□▽	〃			○▷D□▽	
65	65	●▷D□▽	〃			○▷D□▽	
70	70	●▷D□▽	〃			○▷D□▽	
80	80	●▷D□▽	〃			○▷D□▽	
90	90	●▷D□▽	〃			○▷D□▽	
100	100	●▷D□▽	〃			○▷D□▽	
110	110	●▷D□▽	〃			○▷D□▽	
120	120	●▷D□▽	〃			○▷D□▽	
130	130	●▷D□▽	〃			○▷D□▽	
140	140	●▷D□▽	〃			○▷D□▽	
150	150	●▷D□▽	〃			○▷D□▽	
160	160	●▷D□▽	〃			○▷D□▽	
170	170	●▷D□▽	〃			○▷D□▽	
180	180	●▷D□▽	〃			○▷D□▽	
190	190	●▷D□▽	〃			○▷D□▽	
200	200	●▷D□▽	〃			○▷D□▽	
210	210	●▷D□▽	〃			○▷D□▽	
215	215	●▷D□▽	〃			○▷D□▽	
230	230	○▷D▨▽	VISUAL INSP.			○▷D□▽	
240	240	○▶D□▽	ROUTE TO ASSY.			○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION
▷ TRANSPORTATION D DELAY

LSC-20147

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OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A~~SUB1~~ WCD TA138R WCDDATE 87196

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~5~~	~~MATPNC~~		1.00	.	~~T~~	.		.	.	.		.	.	.	
~~5~~	~~MATPNC~~		.	.	~~S~~	.		.	.	.		.	.	.	MACHIN SHOP B/S
5	MATPNC		.	.	P	.		.	.	.		.	.	.	
~~10~~	~~MATPNC~~		1.00	.	~~T~~	.		.	.	.		.	.	.	
~~10~~	~~MATPNC~~		.	.	~~S~~	.		.	.	.		.	.	.	MACHINE SHOP B/S
10	MATPNC		.	.	P	.		.	.	.		.	.	.	
15	MATPNC		1.00	.	T	.		.	.	.		.	.	.	
15	MATPNC		.	.	S	.		.	.	.		.	.	.	
15	MATPNC		.	.	P	.		.	.	.		.	.	.	MACHINE SHOP B/S
~~20~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~20~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
20	MATPSS	ASSY	.	1.0	P	0.6	8602BC09 ~~WG-8~~	1	.	0.6 ~~0.1~~	L-1	1	.	0.6 ~~0.1~~	
20	MATPSS	ASSY			P						L-87	1		0.1	
20	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.6	
20	MATPSS	ASSY			P						L-88	1		0.3	
20	MATPSS	ASSY			P						L-94	1		0.1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007ASUB1 WCD TA138R WCDDATE 87196

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
20	MATPSS	ASSY	.	1.0	P	.		.	.	.	L-66	1	.	0.1	
~~25~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~25~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
25	MATPSS	ASSY	.	1.0	P	.	8602Bc09 ~~WG-8~~	1	.	0.1	L-1	1	.	0.1	
25	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.1	
~~30~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~30~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
30	MATPSS	ASSY	.	1.0	P	.	8602Bc09 ~~WG-8~~	1	.	0.1	L-1	1	.	0.1	
30	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.1	

FLOW PROCESS CHART

SUBJECT CENTRAL GEAR BOX SUB ASSY DATE 5/22/89

ITEM CODE
PCN 208007A
NSN ☐
P/N ☐

WCD TA138R WCD DATE 87196

CHART BEGINS OPERATION 050 BACK SHOP (ASSEMBLY)

CHART ENDS OPERATION 030 ASSY SEAL INT CGB PREPARED BY K. ATTARIA

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
5	005	●▷D□▽	ASSEMBLY B/S			○▷D□▽	
10	010	●▷D□▽	〃 〃			○▷D□▽	
15	015	●▷D□▽	〃 〃			○▷D□▽	
20	020	●▷D□▽	ASSEMBLY			○▷D□▽	
25	025	●▷D□▽	〃			○▷D□▽	
30	030	●▷D□▽	〃			○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽

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OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A~~U82~~ WCD TA139R WCDDATE 87292

MANUEL AREVALOS

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~5~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~5~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
5	MATPSS	ASSY	.	1.0	P	.	8602Bc09 ~~WG-8~~	1	.	0.1	L-1	1	.	0.1	
5	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.1	
5	MATPSS	ASSY	.	.	P	.		.	.	.	L-74	1	.	0.1	
~~10~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~10~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
10	MATPSS	ASSY	.	1.0	P	.	8602Bc09 ~~WG-8~~	1	.	0.1	L-1	1	.	0.1	
10	MATPSS	ASSY			P						L-89	1		0.1	
10	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.1	
~~15~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~15~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
15	MATPSS	ASSY	.	1.0	P	.	8602Bc09 ~~WG-8~~	1	.	0.1	L-1	1	.	0.1	
15	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007ASUB2 WCD TA139R WCDDATE 87292

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F	HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES

FLOW PROCESS CHART

SUBJECT CENTRAL GEAR BOX SUB ASSY DATE 5/22/89

ITEM CODE
PCN 1080074
NSN ☐
P/N ☐

WCD TA139R WCD DATE 87292

CHART BEGINS OPERATION 005 ASSEMBLE IDLER GEAR

CHART ENDS OPERATION 015 SECURE BEARING PREPARED BY K. ATTARIA

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
5	005	●▷D□▽	ASSEMBLY			○▷D□▽	
10	010	●▷D□▽	"			○▷D□▽	
15	015	●▷D□▽	"			○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
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		○▷D□▽				○▷D□▽	
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		○▷D□▽				○▷D□▽	
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		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION
▷ TRANSPORTATION D DELAY

LSC-20147

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OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A~~CWBS~~ WCD TA140R WCDDATE 87292

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~5~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.	.	.	.	.	.	.	.	.	MANUEL AREVALOS
~~5~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.	.	.	.	.	.	.	.	.	
5	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.1	~~L-1~~	~~1~~	.	~~0.1~~	
~~5~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.	.	.	.	.	~~L-2~~	~~1~~	.	~~0.1~~	
~~5~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.	.	.	.	.	~~L-05~~	~~1~~	.	~~0.1~~	
~~10~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.	.	.	.	.	.	.	.	.	
~~10~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.	.	.	.	.	.	.	.	.	
10	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.2	L-65 ~~L-1~~	1	.	0.2	
10	MATPSS	ASSY	.	.	P	.	.	.	.	.	~~L-2~~	~~1~~	.	~~0.2~~	
~~15~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.	.	.	.	.	.	.	.	.	
~~15~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.	.	.	.	.	.	.	.	.	
15	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.1	~~L-1~~	~~1~~	.	~~0.1~~	
15	MATPSS	ASSY	.	.	P	.	.	.	.	.	~~L-2~~	~~1~~	.	~~0.1~~	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007ASUB3 WCD TA140R WCDDATE 87282

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES

FLOW PROCESS CHART

SUBJECT CENTRAL GEAR BOX SUB ASSY DATE 5/22/89

ITEM CODE
PC/ 08007A
N/C ☐
P/N ☐

WCD TAYLOR WCD DATE 87292

CHART BEGINS OPERATION 005 ASSEMBLE HIGH SPEED PINION

CHART ENDS OPERATION 015 PLACE PACKING RING PREPARED BY K. ATTARIA

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
5	005	●▷D□▽	ASSEMBLY			○▷D□▽	
10	010	●▷D□▽	"			○▷D□▽	
15	015	●▷D□▽	"			○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽

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OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 257

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A0654 WCD TA141R WCDDATE 87140

MANUEL AREVALOS

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
05	MATPSS	ASSY		1.0	P			1		0.1					
10	MATPSS	ASSY		1.0	P		8602BC09 ~~WG-8~~	1		0.1	L-1 ~~L-1~~	~~1~~		~~0.1~~	
~~10~~	~~MATPSS~~	~~ASSY~~			~~P~~						~~L-2~~	~~1~~		~~0.1~~	
~~10~~	~~MATPSS~~	~~ASSY~~			~~P~~						~~L-67~~	~~1~~		~~0.1~~	
~~15~~	~~MATPSS~~	~~ASSY~~	1.00		~~T~~										
~~15~~	~~MATPSS~~	~~ASSY~~			~~S~~										
15	MATPSS	ASSY		1.0	P		8602BC09 ~~WG-8~~	1		0.1	L-67 ~~L-1~~	1		0.1	
~~15~~	~~MATPSS~~	~~ASSY~~			~~P~~						~~L-2~~	~~1~~		~~0.1~~	
~~20~~	~~MATPSS~~	~~ASSY~~	1.00		~~T~~										
~~20~~	~~MATPSS~~	~~ASSY~~			~~S~~										
20	MATPSS	ASSY		1.0	P		8602BC09 ~~WG-8~~	1		0.0	~~L-1~~	~~1~~		~~0.1~~	
~~20~~	~~MATPSS~~	~~ASSY~~			~~P~~						~~L-2~~	~~1~~		~~0.1~~	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007ASUB4 WCD TA141R WCDDATE 87140

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~25~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~25~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
25	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG 8~~	1	.	0.1	L-17 ~~L-1~~	1	.	0.1	
25	MATPSS	ASSY	.	.	P	.		.	.	.	L-88 ~~L-2~~	1	.	0.1	
25	MATPSS	ASSY	.	.	P	.		.	.	.	L-68	1	.	0.1	
~~27~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.			.	.	.	
~~27~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
27	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG 8~~	1	.	0.1	L-69 ~~L-1~~	1	.	0.1	
~~27~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~L-2~~	~~1~~	.	~~0.1~~	
~~27~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~L-23~~	~~1~~	.	~~0.1~~	
~~27~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~L-69~~	~~1~~	.	~~0.1~~	
~~27~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~L-70~~	~~1~~	.	~~0.1~~	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007ASUB4 WCD TA141R WCDDATE 87140

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~30~~	~~MATPSC~~	~~ASSY~~	1.00	.	~~T~~										
~~30~~	~~MATPSS~~	~~ASSY~~	.	.	~~C~~										
30	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG 8~~	1	.	0.1 ~~0.0~~	~~L-1~~	~~1~~	.	~~0.0~~	
~~30~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~L-2~~	~~1~~	.	~~0.0~~	
~~35~~	~~MATPSS~~	~~ASSY~~	1.0	.	~~T~~	.		.	.	.		.	.	.	
~~35~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
35	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG 8~~	1	.	0.1 ~~0.0~~	L-88 ~~L-1~~	1	.	0.1 ~~0.0~~	
~~35~~	~~MATPSC~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~L-2~~	~~1~~	.	~~0.0~~	
~~40~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~40~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
40	MATPSS	ASSY	.	.	P	.	8602BC09 ~~WG 8~~	1	.	0.1 ~~0.0~~	~~L-1~~	~~1~~	.	~~0.0~~	
~~40~~	~~MATPSC~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~L-2~~	~~1~~	.	~~0.0~~	
~~45~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007ASUB4 WCD TA141R WCDDATE 87140

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~45~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
45	MATPSS	ASSY	.	1.0	P	.	8602Bc09 ~~WG-8~~	1	.	0.1	L-71 ~~L-1~~	1	.	0.1	
45	MATPSS	ASSY	.	.	P	.		.	.	.	L-71 ~~L-2~~	1	.	0.1	
~~45~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	1 ~~L-71~~	~~1~~	.	~~0.1~~	
~~45~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~L-72~~	~~1~~	.	~~0.1~~	
~~50~~	~~MATPSS~~	~~ASSY~~	0.88	.	~~T~~	.		1	.	.		.	.	.	
~~50~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
50	MATPSS	ASSY	.	1.0	P	.	8602Bc09 ~~WG-8~~	1	.	0.1	L-73 ~~L-1~~	1	.	0.1	
~~50~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~L-2~~	~~1~~	.	~~0.1~~	

FLOW PROCESS CHART

SUBJECT CENTRAL GEAR BOX SUB ASSY DATE 5/22/89

ITEM CODE
PCN ☒ 08007A
NSN ☐
P/N ☐

WCD TAIHR WCD DATE 87140

CHART BEGINS OPERATION 005 CLUTCH SHAFT ASSY

CHART ENDS OPERATION 050 DIFFERENTIAL PUMP CHECK PREPARED BY K. ATTARIA

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
5	005	●⇨D□▽	ASSEMBLY			○⇨D□▽	
10	010	●⇨D□▽	〃			○⇨D□▽	
15	015	●⇨D□▽	〃			○⇨D□▽	
20	020	●⇨D□▽	〃			○⇨D□▽	
25	025	●⇨D□▽	〃			○⇨D□▽	
27	027	●⇨D□▽	〃			○⇨D□▽	
30	030	●⇨D□▽	〃			○⇨D□▽	
35	035	●⇨D□▽	〃			○⇨D□▽	
40	040	●⇨D□▽	〃			○⇨D□▽	
45	045	●⇨D□▽	〃			○⇨D□▽	
50	050	●⇨D□▽	〃			○⇨D□▽	
		○⇨D□▽				○⇨D□▽	
		○⇨D□▽				○⇨D□▽	
		○⇨D□▽				○⇨D□▽	
		○⇨D□▽				○⇨D□▽	
		○⇨D□▽				○⇨D□▽	
		○⇨D□▽				○⇨D□▽	
		○⇨D□▽				○⇨D□▽	
		○⇨D□▽				○⇨D□▽	
		○⇨D□▽				○⇨D□▽	
		○⇨D□▽				○⇨D□▽	
		○⇨D□▽				○⇨D□▽	
		○⇨D□▽				○⇨D□▽	
		○⇨D□▽				○⇨D□▽	
		○⇨D□▽				○⇨D□▽	
		○⇨D□▽				○⇨D□▽	
		○⇨D□▽				○⇨D□▽	
		○⇨D□▽				○⇨D□▽	
		○⇨D□▽				○⇨D□▽	
		○⇨D□▽				○⇨D□▽	
		○⇨D□▽				○⇨D□▽	
		○⇨D□▽				○⇨D□▽	
		○⇨D□▽				○⇨D□▽	
		○⇨D□▽				○⇨D□▽	
		○⇨D□▽				○⇨D□▽	
		○⇨D□▽				○⇨D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION
⇨ TRANSPORTATION D DELAY

SC-20147

SAS

OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 261

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A~~B4~~ WCD TA142R WCDDATE 87292

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
05	MATPSS	ASSY		1.0	P		8602BC09	1		0.2					MANUEL AREVALOS ASSY MECHANIC
~~10~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.	~~WG-9~~	~~1~~	.	~~0.1~~	~~L-1~~	~~1~~	.	~~0.1~~	
~~10~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~L-2~~	~~1~~	.	~~0.1~~	
10	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.1	L-46	1	.	0.1	
10	MATPSS	ASSY	.	.	P	.		.	.	.	L-47	1	.	0.1	
~~15~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~15~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
~~15~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.	~~WG-9~~	~~1~~	.	~~0.1~~	~~L-1~~	~~1~~	.	~~0.1~~	
~~15~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~L-2~~	~~1~~	.	~~0.1~~	
15	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.3	L-48	1	.	0.3 ~~0.1~~	
15	MATPSS	ASSY	.	.	P	.		.	.	.	L-49	1	.	0.3 ~~0.1~~	
15	MATPSS	ASSY	.	.	P	.		.	.	.	L-50	1	.	0.3 ~~0.1~~	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007ASUB4 WCL TA142R WCDDATE 87292

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
15	MATPSS	ASSY	.	.	P	.		.	.	.	L-51	1	.	~~0.1~~ 0.3	
~~20~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~20~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
~~20~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.	~~WG-9~~	~~1~~	.	0.1	~~L-1~~	~~1~~	.	~~0.1~~	
20	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.1	~~L-2~~ L-88	1	.	0.1	
20	MATPSS	ASSY	.	.	P	.		.	.	.	L-52	1	.	0.1	
20	MATPSS	ASSY	.	.	P	.		.	.	.	L-53	1	.	0.1	
20	MATPSS	ASSY	.	.	P	.		.	.	.	L-37	1	.	0.1	
~~25~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~25~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
~~25~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.	~~WG-9~~	~~1~~	.	~~0.1~~	~~L-1~~	~~1~~	.	~~0.1~~	
~~25~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~L-2~~	~~1~~	.	~~0.1~~	

SAS

8:18 TUESDAY, MARCH 28, 1989 263

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007ASUB4 WCD TA142R WCDDATE 87292

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
25	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	0.1	L-52	1	.	0.1	
~~25~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~L-54~~	~~1~~	.	~~0.1~~	
~~30~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~30~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
30	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.1	L-88 ~~L-1~~	1	.	0.1	
30	MATPSS	ASSY	.	.	P	.		.	.	.	L-90 ~~L-2~~	1	.	0.1	
~~30~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~L-54~~	~~1~~	.	~~0.1~~	
~~35~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~35~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
35	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.1	L-88 ~~L-1~~	1	.	0.1	
35	MATPSS	ASSY	.	.	P	.		.	.	.	L-90 ~~L-2~~	1	.	0.1	
~~35~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~L-54~~	~~1~~	.	~~0.1~~	
~~40~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	

SAS

OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 264

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007ASUB4 WCD TA142R WCDDATE 87292

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~40~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
40	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.1	~~L-1~~	~~1~~	.	~~0.1~~	
~~40~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~L-2~~	~~1~~	.	~~0.1~~	
~~45~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~45~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
45	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	~~0.0~~ 0.1	~~L-1~~	~~1~~	.	~~0.0~~	
~~45~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~L-2~~	~~1~~	.	~~0.0~~	
~~50~~	~~MATPSS~~	~~ASSY~~	0.93	.	~~T~~	.		.	.	.		.	.	.	
~~50~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
50	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.1	~~L-1~~	~~1~~	.	~~0.1~~	
~~50~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~L-2~~	~~1~~	.	~~0.1~~	

FLOW PROCESS CHART

SUBJECT CENTRAL GEAR BOX SUB ASSY DATE 5/22/89

ITEM CODE
PCN ☒ 08007A
NSN ☐
P/N ☐

WCD TA142R WCD DATE 87292

CHART BEGINS OPERATION 005 CENTER SHAFT ASSY

CHART ENDS OPERATION 050 PLACE HOUSING SPACER PREPARED BY K. ATTARIA

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
5	005	●▷D□▽	ASSEMBLY			○▷D□▽	
10	010	●▷D□▽	〃			○▷D□▽	
15	015	●▷D□▽	〃			○▷D□▽	
20	020	●▷D□▽	〃			○▷D□▽	
25	025	●▷D□▽	〃			○▷D□▽	
30	030	●▷D□▽	〃			○▷D□▽	
35	035	●▷D□▽	〃			○▷D□▽	
40	040	●▷D□▽	〃			○▷D□▽	
45	045	●▷D□▽	〃			○▷D□▽	
50	050	●▷D□▽	〃			○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A~~SUB4~~ WCD TA143R WCDDATE 86252

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~5~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	MANUEL AREVALOS
~~5~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
5	MATPSS	ASSY	.	1.0	P	.	8602Bc09 ~~WG-9~~	1	.	0.2	L-1	1	.	0.2	
5	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.2	
5	MATPSS	ASSY	.	.	P	.		.	.	.	L-43	1	.	0.2	
5	MATPSS	ASSY	.	.	P	.		.	.	.	L-44	1	.	0.2	
5	MATPSS	ASSY	.	.	P	.		.	.	.	L-45	1	.	0.2	
~~10~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~10~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
10	MATPSS	ASSY	.	1.0	P	.	8602Bc09 ~~WG-9~~	1	.	0.3	L-1	1	.	0.3	
10	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.3	
10	MATPSS	ASSY	.	.	P	.		.	.	.	L-46	1	.	0.3	
~~15~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	

SAS

8:18 TUESDAY, MARCH 28, 1989 266

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007ASUB4 WCD TA143R WCDDATE 86252

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~15~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
15	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG 8~~	1	.	0.1	L-1	1	.	0.1	
15	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.1	
~~20~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~20~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
20	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG 8~~	1	.	0.1	L-1	1	.	0.1	
20	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.1	
~~25~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~25~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
25	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG 8~~	1	.	0.3	L-1	1	.	0.3	
25	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.3	
25	MATPSS	ASSY			P						L-62	1	.	0.3	
25	MATPSS	ASSY	.	.	P	.		.	.	.	L-58	1	.	0.3	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007ASUB4 WCD TA143R WCDDATE 86252

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~30~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~30~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
30	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.3	L-1	1	.	0.3	
30	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.3	
30	MATPSS	ASSY	.	.	P	.		.	.	.	L-46	1	.	0.3	
~~35~~	~~MATPSS~~	~~ASSY~~	0.99	.	~~T~~	.		.	.	.		.	.	.	
~~35~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
35	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.1	L-1	1	.	0.1	
35	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.1	
~~40~~	~~MATPSS~~	~~ASSY~~	0.99	.	~~T~~	.		.	.	.		.	.	.	
~~40~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
40	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.1	L-1	1	.	0.1	
40	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007/SU34 WCD TA143R WCDDATE 86252

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL C/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~45~~	~~MATPSS~~	~~ASSY~~	0.99	.	~~T~~	.		.	.	.		.	.	.	
~~45~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
45	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.5	L-1	1	.	0.5	
45	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.5	
45	MATPSS	ASSY			P						L-62	1		0.5	
45	MATPSS	ASSY	.	.	P	.		.	.	.	L-56	1	.	0.3	
~~50~~	~~MATPSS~~	~~ASSY~~	0.99	.	~~T~~	.		.	.	.		.	.	.	
~~50~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
50	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.1	L-1	1	.	0.1	
50	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.1	
~~55~~	~~MATPSS~~	~~ASSY~~	0.99	.	~~T~~	.		.	.	.		.	.	.	
~~55~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
55	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.1	L-1	1	.	0.1	
55	MATPSS	ASSY			P						L-42	1		0.1	

OPERATION PROFILE

NAME _____ _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007ASUB4 WCD TA143R WCDDATE 86252

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
55	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.1	
~~60~~	~~MATPSS~~	~~ASSY~~	0.99	.	~~T~~	.		.	.	.		.	.	.	
~~60~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
60	MATPSS	ASSY	.	1.0	P	.	~~WG-9~~ 8602Bc09	1	.	0.5	L-1	1	.	0.5	
60	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.5	
60	MATPSS	ASSY	.	.	P	.		.	.	.	L-55	1	.	0.3	
60	MATPSS	ASSY	.	.	P	.		.	.	.	L-77	1	.	0.3	
~~65~~	~~MATPSS~~	~~ASSY~~	0.99	.	~~T~~	.		.	.	.		.	.	.	
~~65~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
65	MATPSS	ASSY	.	1.0	P	.	~~WG-9~~ 8602Bc09	1	.	0.3	L-1	1	.	0.3	
65	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.3	
65	MATPSS	ASSY	.	.	P	.	~~WG-9~~	~~1~~	.	~~0.3~~	L-58	1	.	0.3	
~~70~~	~~MATPSS~~	~~ASSY~~	0.99	.	~~T~~	.		.	.	.		.	.	.	

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OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007ASUB4 WCD TA140X WCDDATE 86252

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKIL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~70~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
70	MATPSS	ASSY	.	1.0	P	.	8602Bc09 ~~WG-9~~	1	.	0.8	L-1	1	.	0.8	
70	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.8	
70	MATPSS	ASSY	.	.	P	.		.	.	.	L-79	1	.	0.3	
70	MATPSS	ASSY	.	.	P	.		.	.	.	L-80	1	.	0.3	
70	MATPSS	ASSY			P						L-91	1		0.3	
70	MATPSS	ASSY	.	.	P	.		.	.	.	L-81	1	.	0.3	
~~75~~	~~MATPSS~~	~~ASSY~~	0.99	.	~~T~~	.		.	.	.		.	.	.	
~~75~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
75	MATPSS	ASSY	.	1.0	P	.	8602Bc09 ~~WG-9~~	1	.	0.2	L-1	1	.	0.2	
75	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.2	
~~80~~	~~MATPSS~~	~~ASSY~~	0.99	.	~~T~~	.		.	.	.		.	.	.	
~~80~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007ASUB4 WCD TA143R WCDDATE 86252

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
80	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.5	L-1	1	.	0.5	
80	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.5	
80	MATPSS	ASSY	.	.	P	.		.	.	.	L-62	1	.	0.3	
~~85~~	~~MATPSS~~	~~ASSY~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~85~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
85	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.5	L-1	1	.	0.5	
85	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.5	
85	MATPSS	ASSY	.	.	P	.		.	.	.	L-62	1	.	0.3	
~~86~~	~~MATPSS~~	~~ASSY~~	0.99	.	~~T~~	.		.	.	.		.	.	.	
~~86~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
86	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.8	L-1	1	.	0.8	
86	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.8	
86	MATPSS	ASSY									L-62	1		0.3	
86	MATPSS	ASSY	.	.	P	.		.	.	.	L-23	1	.	0.3	

OPERATION PROFILE

NAME _____ _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007ASUB4 WCD TA143R WCDDATE 86252

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
86	MATPSS	ASSY	.	.	P	.		.	.	.	L-56	1	.	0.3	
86	MATPSS	ASSY	.	.	P	.		.	.	.	L-48	1	.	0.3	
86	MATPSS	ASSY	.	.	P	.		.	.	.	L-57	1	.	0.3	
~~87~~	~~MATPSS~~	~~ASSY~~	0.99	.	~~T~~	.		.	.	.		.	.	.	
~~87~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
87	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WQ-9~~	1	.	0.5	L-1	1	.	0.5	
87	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.5	
87	MATPSS	ASSY	.	.	P	.		.	.	.	L-62	1	.	0.3	
87	MATPSS	ASSY	.	.	P	.		.	.	.	L-57	1	.	0.3	
87	MATPSS	ASSY	.	.	P	.		.	.	.	L-50 L-58	1	.	0.3	
~~88~~	~~MATPSS~~	~~ASSY~~	0.99	.	~~T~~	.		.	.	.		.	.	.	
~~88~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
88	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WQ-9~~	1	.	0.3	L-1	1	.	0.3	

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OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007ASUB4 WCD TA143R WCDDATE 86252

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
88	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.3	
~~88~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~L-50~~	~~1~~	.	~~0.3~~	
88	MATPSS	ASSY	.	.	P	.		.	.	.	L-59	1	.	0.3	
88	MATPSS	ASSY	.	.	P	.		.	.	.	L-60	1	.	0.3	
88	MATPSS	ASSY	.	.	P	.		.	.	.	L-62	1	.	0.3	
~~90~~	~~MATPSS~~	~~ASSY~~	0.99	.	~~T~~	.		.	.	.		.	.	.	
~~90~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
90	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.3	L-1	1	.	0.3	
90	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.3	
90	MATPSS	ASSY	.	.	P	.		.	.	.	L-63	1	.	0.3	
~~95~~	~~MATPSS~~	~~ASSY~~	0.99	.	~~T~~	.		.	.	.		.	.	.	
~~95~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
95	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.3	L-1	1	.	0.3	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007ASUB4 WCD TA143R WCDDATE 86252

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
95	MATPSS	ASSY			P						L-63	1		0.3	
95	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.3	
~~100~~	~~MATPSS~~	~~ASSY~~	0.99	.	~~T~~	.		.	.	.		.	.	.	
~~100~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
100	MATPSS	ASSY	.	1.0	P	.	5602BC09 ~~WC 8~~	1	.	0.3	L-1	1	.	0.3	
100	MATPSS	ASSY			P						L-63	1		0.3	
100	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.3	
~~105~~	~~MATPSS~~	~~ASSY~~	0.99	.	~~T~~	.		.	.	.		.	.	.	
~~105~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
105	MATPSS	ASSY	.	1.0	P	.	5602BC09 ~~WC 8~~	1	.	0.8	L-1	1	.	0.8	
105	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.8	
105	MATPSS	ASSY	.	.	P	.		.	.	.	L-55	1	.	0.3	
105	MATPSS	ASSY			P						L-77	1		0.3	

FLOW PROCESS CHART

SUBJECT CENTRAL GEAR BOX SUB ASSY DATE 5/22/89

ITEM CODE
PCN 08007
NSN ☐
P/N ☐

WCD TA143R WCD DATE 86252

CHART BEGINS OPERATION 005 MEASURE & RECORD DIMENSIONS

CHART ENDS OPERATION 105 CHECK FOR LEAKAGE PREPARED BY K. ATTARIA

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
5	005	●▷D□▽	ASSEMBLY			○▷D□▽	
10	010	◉▷D□▽	〃			○▷D□▽	
15	015	◉▷D□▽	〃			○▷D□▽	
20	020	◉▷D□▽	〃			○▷D□▽	
25	025	◉▷D□▽	〃			○▷D□▽	
30	030	◉▷D□▽	〃			○▷D□▽	
35	035	◉▷D□▽	〃			○▷D□▽	
40	040	◉▷D□▽	〃			○▷D□▽	
45	045	◉▷D□▽	〃			○▷D□▽	
50	050	◉▷D□▽	〃			○▷D□▽	
55	055	◉▷D□▽	〃			○▷D□▽	
60	060	◉▷D□▽	〃			○▷D□▽	
65	065	◉▷D□▽	〃			○▷D□▽	
70	070	◉▷D□▽	〃			○▷D□▽	
80	080	◉▷D□▽	〃			○▷D□▽	
85	085	◉▷D□▽	〃			○▷D□▽	
86	086	◉▷D□▽	〃			○▷D□▽	
87	087	◉▷D□▽	〃			○▷D□▽	
88	088	◉▷D□▽	〃			○▷D□▽	
90	090	◉▷D□▽	〃			○▷D□▽	
95	095	◉▷D□▽	〃			○▷D□▽	
100	100	◉▷D□▽	〃			○▷D□▽	
105	105	◉▷D□▽	〃			○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION
▷ TRANSPORTATION D DELAY

LSC-20147

SAS

8:18 TUESDAY, MARCH 28, 1989 219

OPERATION PROFILE

NAME ___ _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA144R WCDDATE 88252

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~5~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~5~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
5	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.2	~~L-1~~	~~1~~	.	~~0.2~~	
5	MATPSS	ASSY	.	.	P	.		.	.	.	~~L-2~~	~~1~~	.	~~0.2~~	
~~10~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~10~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
10	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.3	L-1	1	.	0.2	
10	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.2	
~~15~~	~~MATPSS~~	~~ASSY~~	0.99	.	~~T~~	.		.	.	.		.	.	.	
~~15~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
15	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.5	L-1	1	.	0.5	
15	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.5	
~~20~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	

MANUEL AREVALOS
ASSEMBLY MECHANIC

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA144R WCDDATE 86252

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~20~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.	.	.	.	.		.	.	.	
20	MATPSS	ASSY	.	1.0	P	.	8602Bc09 ~~WG-8~~	1	.	0.5	L-1	1	.	0.5	
20	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.5	
~~25~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~25~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.	.	.	.	.		.	.	.	
25	MATPSS	ASSY	.	1.0	P	.	8602Bc09 ~~WG-8~~	1	.	0.3	L-1	1	.	0.3	
25	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.3	
~~30~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~30~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.	.	.	.	.		.	.	.	
30	MATPSS	ASSY	.	1.0	P	.	8602Bc09 ~~WG-8~~	1	.	0.3	L-1	1	.	0.3	
30	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.3	
~~35~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA144R WCDDATE 86252

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~35~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~			.	.	.		.	.	.	
35	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WC-S~~	1	.	0.3	L-1	1	.	0.3	
35	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.3	
~~40~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~40~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
40	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WC-S~~	1	.	0.4	L-1	1	.	0.4	
40	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.4	
~~42~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~42~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
42	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WC-S~~	1	.	0.3	L-1	1	.	0.3	
42	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.3	
~~45~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~45~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA144R WCDDATE 86252

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
45	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.4	L-1	1	.	0.4	
45	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.4	
~~50~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~50~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
50	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	03 ~~0.1~~	L-1	1	.	0.1	
50	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.1	
~~55~~	~~MATPSS~~	~~ASSY~~	0.99	.	~~T~~	.		.	.	.		.	.	.	
~~55~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
55	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.2	L-1	1	.	0.2	
55	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.2	
~~60~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~60~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ . ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA144R WCDDATE 86252

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
60	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602Bc09	1	.	0.1	L-1	1	.	0.1	
60	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.1	
~~65~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~65~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
65	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602Bc09	1	.	0.3	L-1	1	.	0.3	
65	MATPSS	ASSY	.	..	P	.		.	.	.	L-2	1	.	0.3	
~~70~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~70~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
70	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602Bc09	1	.	0.2	L-1	1	.	0.2	
70	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.2	
~~75~~	~~MATPSS~~	~~ASSY~~	0.99	.	~~T~~	.		.	.	.		.	.	.	
~~75~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
75	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602Bc09	1	.	0.1	L-1	1	.	0.1	

SAS

OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 224

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA144R WCDDATE 86252

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
75	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.1	
~~80~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~80~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
80	MATPSS	ASSY	.	1.0	P	.	8602Bc09 ~~WG-8~~	1	.	0.1	L-1	1	.	0.1	
80	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.1	
~~85~~	~~MATPSS~~	~~ASSY~~	0.94	.	~~T~~	.		.	.	.		.	.	.	
~~85~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
90	MATPSS	ASSY	.	1.0	P	.	8602Bc09 ~~WG-8~~	1	.	0.5	L-1	1	.	0.5	
90	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.5	
90	MATPSS	ASSY	.	.	P	.		.	.	.	L-82	1	.	0.3	
~~95~~	~~MATPSS~~	~~ASSY~~	0.97	.	~~T~~	.		.	.	.		.	.	.	
~~95~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	

SAS

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007.. WCD TA144R WCDDATE 86252

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
95	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.3	L-1	1	.	0.3	
											L-3	1		0.3	
95	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.3	
											L-7	1		0.3	
95	MATPSS	ASSY	.	.	P	.		.	.	.	~~L-75~~	1	.	0.3	
											L-6	1		0.3	
95	MATPSS	ASSY	.	.	P	.		.	.	.	L-76	1	.	0.3	
~~96~~	~~MATPSS~~	~~ASSY~~	0.99	.	~~T~~	.		.	.	.		.	.	.	
~~96~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
96	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.3	L-1	1	.	0.3	
96	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.3	
96	MATPSS	ASSY	.	.	P	.		.	.	.	L-6	1	.	0.3	
~~97~~	~~MATPSS~~	~~ASSY~~	0.54	.	~~T~~	.		.	.	.		.	.	.	
~~97~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
97	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.4	L-1	1	.	0.4	
97	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.4	
											L-85	1		0.4	

SAS

8:18 TUESDAY, MARCH 28, 1989 226

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA144R WCDDATE 86252

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
97	MATPSS	ASSY	.	.	P	.		.	.	.	L-55	1	.	0.4	
97	MATPSS	ASSY			P						L-77	1		0.4	
~~98~~	~~MATPSS~~	~~ASSY~~	0.89	.	~~T~~	.		.	.	.		.	.	.	
~~98~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
98	MATPSS	ASSY		1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.2	L-1	1	.	0.2	
98	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.2	
~~100~~	~~MATPSS~~	~~ASSY~~	0.95	.	~~T~~	.		.	.	.		.	.	.	
~~100~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
100	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.3	L-1	1	.	0.3	
100	MATPSS	ASSY			P						L-86	1		0.3	
100	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.3	
~~110~~	~~MATPSS~~	~~ASSY~~	0.31	.	~~T~~	.		.	.	.		.	.	.	
~~110~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
110	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.1			.		

FLOW HOURS TO TEST A CGB
WCD # TA136R

SAS

8:18 TUESDAY, MARCH 28, 1989 227

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA144R WCDDATE 86252

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
115	MATPSS	ASSY	0.95	1.0	T	—	8602BC05	1	.	0.2		.	.	.	Routed by mechanics?
120	MATPSS	ASSY		1.0	T		8602BC05	1		0.0					
121	MATPSS	ASSY		1.0	P		8602BC09	1		0.1	L-42	1		0.1	OPERATION 121 add TO THIS FINAL ASSEMBLY WCD, IT WAS ON THE TEST WCD
125	MATPSS	ASSY	.	1.0	P	.	8602BC05 ~~WG 8~~	1	.	0.5	L-1	1	.	0.5	
125	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	0.5	
126	MATPSS	INFO	.	1.0	F P	.	8602BC05	1	.	.		.	.	.	INFORMATION
127	MATPSS	ASSY	.	1.0	P	.	8602BC05	.	.	0.4	L-1	1	.	0.4	
127	MATPSS	ASSY		.	P						L-2	1		0.4	
130	MATPSS	ASSY	.	1.0	P	.	8602BC05	1	.	3.5	L-1	1	.	1.8	
130	MATPSS	ASSY	.	.	P	.		.	.	.	L-2	1	.	1.8	
135	MATPSS	MOVE	0.99	1.0	T		8602BC05	1	.	0.3		.	.	.	Routed by mechanics? Should by routed by transportation!
~~135~~	~~MATPSS~~	~~MOVE~~	.	.	~~S~~	.		.	.	.		.	.	.	

SAS

8:18 TUESDAY, MARCH 28, 1989 228

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA144R WCDDATE 86252

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~135~~	~~MATPSS~~	~~MOVE~~	.	.	~~P~~	.	~~WG-5~~	~~1~~	.	~~0.2~~			.	.	
~~140~~	~~MATPNM~~	PAIN	0.97	.	~~T~~	.			.				.	.	
~~140~~	~~MATPNM~~	~~PAIN~~	.	.	~~C~~	.			.				.	.	B/S
140	MATPNM	PAIN	.	1.0	P	6.0			.				.	.	
145	MATPSS	ASSY	0.96	1.0	T	.	86C2BC05	1	.	0.2			.	.	290 OPERATION FROM THE TEST WCD IS ADDED TO THIS OPERATION
~~145~~	~~MATPSS~~	~~ASSY~~	.	.	~~C~~	.			.				.	.	
145	MATPSS	ASSY	.	1.0	P	.	8602BC05 ~~WG-8~~	1	.	1.3 ~~0.8~~			.	.	

FLOW PROCESS CHART

SUBJECT CENTRAL GEAR BOX ASSEMBLY (FINAL) DATE 5/22/89

ITEM CODE
PCN ☒ 08007A
NSN ☐
P/N ☐

WCD TA144R WCD DATE 86252

CHART BEGINS OPERATION 005

CHART ENDS OPERATION 145 PREPARED BY K. ATTARIA

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
5	5	●▷D□▽	ASSEMBLY	135	135	○◆D□▽	ROUTE TO PAINT
10	10	●▷D□▽	"	140	140	●▷D□▽	PAINT B/S
15	15	●▷D□▽	"	145	145	●▷D□▽	CER.
20	20	●▷D□▽	"			○▷D□▽	
25	25	●▷D□▽	"			○▷D□▽	
30	30	●▷D□▽	"			○▷D□▽	
35	35	●▷D□▽	"			○▷D□▽	
40	41	●▷D□▽	"			○▷D□▽	
42	42	●▷D□▽	"			○▷D□▽	
45	45	●▷D□▽	"			○▷D□▽	
50	50	●▷D□▽	"			○▷D□▽	
55	55	●▷D□▽	"			○▷D□▽	
60	60	●▷D□▽	"			○▷D□▽	
65	65	●▷D□▽	"			○▷D□▽	
70	70	●▷D□▽	"			○▷D□▽	
75	75	●▷D□▽	"			○▷D□▽	
80	80	●▷D□▽	"			○▷D□▽	
90	90	●▷D□▽	"			○▷D□▽	
95	95	●▷D□▽	"			○▷D□▽	
96	96	●▷D□▽	"			○▷D□▽	
97	97	●▷D□▽	"			○▷D□▽	
98	98	●▷D□▽	"			○▷D□▽	
100	100	●▷D□▽	"			○▷D□▽	
110	110	●▷D□▽	"			○▷D□▽	
115	115	○◆D□▽	ROUTE TO TEST			○▷D□▽	
116	--	●▷D□▽	TEST			○▷D□▽	
120	120	○◆D□▽	ROUTE TO ASSY.			○▷D□▽	
121	-	●▷D□▽	ASSEMBLY			○▷D□▽	
125	125	●▷D□▽	"			○▷D□▽	
126	—	●▷D□▽	INFO			○▷D□▽	
127	—	●▷D□▽	ASSEMBLY			○▷D□▽	
130	130	●▷D□▽	"			○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

▷ TRANSPORTATION D DELAY

LSC-20147

VISUAL INSPECTION

SAS

8:18 TUESDAY, MARCH 28, 1989 235

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA500R WCDDATE 88257

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~10~~	~~MATPSI~~		.	.	~~T~~	.		.	.	.		.	.	.	1/5 SORT PARTS
~~10~~	~~MATPSI~~		.	.	~~S~~	.		.	.	.		.	.	.	
10	MATPSI		.	1.0	P	3.0		.	.	2.85		.	.	.	
20	MATPSI		.	1.0	T	0.1		.	.	0.1		.	.	.	P/S
~~20~~	~~MATPSI~~		.	.	~~S~~	.		.	.	.		.	.	.	
~~30~~	~~MATPSI~~		.	.	~~P~~	.		.	.	.		.	.	.	
~~30~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~30~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
30	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.07 ~~0.1~~		.	.	.	
~~33~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~33~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
33	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.07 ~~0.1~~		.	.	.	
~~37~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	

SAS

OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 236

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA500R WCDDATE 88257

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~37~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
37	MATPSS	INSP	.	1.0	P	.	8602Bc09 ~~WG-8~~	1	.	0.07 ~~0.1~~		.	.	.	
~~40~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~40~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
40	MATPSS	INSP	.	1.0	P	.	8602Bc09 ~~WG-8~~	1	.	0.07 ~~0.1~~		.	.	.	
~~50~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~50~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
50	MATPSS	INSP	.	1.0	P	.	8602Bc09 ~~WG-8~~	1	.	0.07 ~~0.1~~		.	.	.	
~~60~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~60~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
60	MATPSS	INSP	.	1.0	P	.	8602Bc09 ~~WG-8~~	1	.	0.07 ~~0.1~~		.	.	.	
~~65~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	

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110

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA500R WCDDATE 88257

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~65~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
65	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG 8~~	1	.	0.07 ~~0.1~~		.	.	.	
~~70~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~70~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
70	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG 8~~	1	.	0.07 ~~0.1~~		.	.	.	
~~80~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~80~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
80	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG 8~~	1	.	0.07 ~~0.1~~		.	.	.	
~~90~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~90~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
90	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG 8~~	1	.	0.14 ~~0.1~~		.	.	.	
~~95~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~95~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	

SAS

8:18 TUESDAY, MARCH 28, 1989 238

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA500R WCDDATE 88257

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
95	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.07 ~~0.1~~			.	.	
~~100~~	~~MATPGS~~	~~INSP~~	.	.	~~T~~	.			.	.			.	.	
~~100~~	~~MATPSS~~	~~INSP~~	.	.	~~G~~	.			.	.			.	.	
100	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.07 ~~0.1~~			.	.	
~~110~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.			.	.			.	.	
~~110~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.			.	.			.	.	
110	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.07 ~~0.1~~			.	.	
~~115~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.			.	.			.	.	
~~115~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.			.	.			.	.	
115	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.07 ~~0.1~~			.	.	
~~120~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.			.	.			.	.	
~~120~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.			.	.			.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA500R WCDDATE 88257

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
120	MATPSS	INSP		1.0	P		8602BC09 WG-9	1		0.14 0.1					
~~125~~	~~MATPSS~~	~~INSP~~			~~T~~										
~~125~~	~~MATPSS~~	~~INSP~~			~~S~~										
125	MATPSS	INSP		1.0	P		8602BC09 WG-9	1		0.07 0.1					
~~130~~	~~MATPSS~~	~~INSP~~			~~T~~										
~~130~~	~~MATPSS~~	~~INSP~~			~~S~~										
130	MATPSS	INSP		1.0	P		8602BC09 WG-9	1		0.07 0.1					
~~140~~	~~MATPSS~~	~~INSP~~			~~T~~										
~~140~~	~~MATPSS~~	~~INSP~~			~~S~~										
140	MATPSS	INSP		1.0	P		8602BC09 WG-9	1		0.07 0.1					
~~150~~	~~MATPSS~~	~~INSP~~			~~T~~										
~~150~~	~~MATPSS~~	~~INSP~~			~~S~~										
150	MATPSS	INSP		1.0	P		8602BC09 WG-9	1		0.07 0.1					

SAS

8:18 TUESDAY, MARCH 28, 1989 240

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA500R WCDDATE 88257

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~160~~	~~MATPSS~~	~~INSP~~			~~T~~										
~~160~~	~~MATPSS~~	~~INSP~~			~~S~~										
160	MATPSS	INSP		1.0	P		~~WG 1~~ 8602BC09	1		~~0.1~~ 0.07		1			
~~170~~	~~MATPSS~~	~~INSP~~			~~T~~										
~~170~~	~~MATPSS~~	~~INSP~~			~~S~~										
170	MATPSS	INSP		1.0	P		~~WG 0~~ 8602BC09	1		~~0.1~~ 0.07					
~~180~~	~~MATPSS~~	~~INSP~~			~~T~~										
~~180~~	~~MATPSS~~	~~INSP~~			~~S~~										
180	MATPSS	INSP		1.0	P		~~WG 0~~ 8602BC09	1		~~0.1~~ 0.07					
~~190~~	~~MATPSS~~	~~INSP~~			~~T~~										
190	MATPSS	INSP		1.0	P		~~WG 0~~ 8602BC09	1		~~0.1~~ 0.07		1			



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8:18 TUESDAY, MARCH 28, 1989 24:

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA500R WCDDATE 88257

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~200~~	~~MATPSS~~	~~INSP~~			~~T~~										
~~200~~	~~MATPSS~~	~~INSP~~			~~S~~										
200	MATPSS	INSP		1.0	P		8602BC09 ~~WG-8~~	1		0.07 ~~0.1~~					
~~210~~	~~MATPSS~~	~~INSP~~			~~T~~										
~~210~~	~~MATPSS~~	~~INSP~~			~~S~~										
210	MATPSS	INSP		1.0	P		8602BC09 ~~WG-8~~	1		0.07 ~~0.1~~					
~~220~~	~~MATPSS~~	~~INSP~~			~~T~~										
~~220~~	~~MATPSS~~	~~INSP~~			~~S~~										
220	MATPSS	INSP		1.0	P		8602BC09 ~~WG-8~~	1		0.07 ~~0.1~~					
225	MATPSS	INSP			T										
225	MATPSS	INSP			S										
225	MATPSS	INSP		1.0	P		8602B09 ~~WG-8~~	1		0.07 ~~0.1~~		1			
~~230~~	~~MATPSS~~	~~INSP~~			~~T~~										

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA500R WCDDATE 88257

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~230~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
230	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.07 ~~0.1~~		.	.	.	
~~240~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~240~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
240	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.07 ~~0.1~~		.	.	.	
~~250~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~250~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
250	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.07 ~~0.1~~		.	.	.	
~~260~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~260~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
260	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.07 ~~0.1~~		.	.	.	
~~270~~	~~MATPSS~~	~~INSP~~	.	1.0	~~T~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA500R WCDDATE 88257

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	%	HRS	NOTES
~~270~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	
270	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.07 ~~0.1~~		.	.	
~~280~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	
~~280~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	
280	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.07 ~~0.1~~		.	.	
~~290~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	
~~290~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	
290	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.07 ~~0.1~~		.	.	
~~300~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	
~~300~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	
300	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.07 ~~0.1~~		.	.	
~~310~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	
~~310~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	

OPERATION PROFILE SAS

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA500R WCDDATE 88257

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
310	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG 9~~	1	.	0.07 ~~0.1~~		.	.	.	
~~320~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~320~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
320	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG 9~~	1	.	0.14 ~~0.1~~		.	.	.	
~~330~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~330~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
330	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG 9~~	1	.	0.14 ~~0.1~~		.	.	.	
~~340~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~340~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
340	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG 9~~	1	.	0.28 ~~0.1~~		.	.	.	
~~350~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~350~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA500R WCDDATE 88257

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
350	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.14 ~~0.1~~		.	.	.	
~~360~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~360~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
360	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.28 ~~0.2~~		.	.	.	
~~370~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~370~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
370	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.14 ~~0.1~~		.	.	.	
~~380~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~380~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
380	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.07 ~~0.1~~		.	.	.	
~~385~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~385~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
385	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.07 ~~0.1~~		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA500R WCDDATE 88257

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~380~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~380~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
390	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.07 ~~0.1~~		.	.	.	
~~400~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~400~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
400	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.07 ~~0.1~~		.	.	.	
~~405~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~405~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
405	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.07 ~~0.1~~		.	.	.	
~~410~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~410~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
410	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.07 ~~0.1~~		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA500R WCDDATE 88257

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~420~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~420~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
420	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.07 ~~0.1~~		.	.	.	
~~430~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~430~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
430	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.07 ~~0.1~~		.	.	.	
~~440~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~440~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
440	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.07 ~~0.1~~		.	.	.	
~~450~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~450~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
450	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.07 ~~0.1~~		.	.	.	
~~460~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD CCN 08007A WCD TA500R WCDDATE 88257

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~460~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
460	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.07 ~~0.1~~		.	.	.	___
~~470~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~470~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
470	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.07 ~~0.1~~		1	.	.	
~~480~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~480~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
480	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.07 ~~0.1~~		.	.	.	
~~490~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~490~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
490	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-9~~	1	.	0.07 ~~0.1~~		.	.	.	___
~~500~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA500R WCDDATE 88257

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~500~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
500	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.07 ~~0.1~~		.	.	.	
~~510~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~510~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
510	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.07 ~~0.1~~		.	.	.	
~~520~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~520~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
520	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.07 ~~0.1~~		.	.	.	
~~530~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~530~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
530	MATPSS	INSP	.	1.0	P	.	8602BC09 ~~WG-8~~	1	.	0.07 ~~0.1~~		.	.	.	
~~540~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~540~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	

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8:18 TUESDAY, MARCH 28, 1989 250

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 08007A WCD TA500R WCDDATE 88257

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
540	MATPSS	INSP	.	1.0	P	.	~~WG-8~~ 5602Bcc9	1	.	~~0.1~~ 0.07		.	.	.	
~~550~~	~~MATPSS~~	~~INSP~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~550~~	~~MATPSS~~	~~INSP~~	.	.	~~S~~	.		.	.	.		.	.	.	
550	MATPSS	INSP	.	1.0	P	.	~~WG-8~~ 5602Bcc9	1	.	~~0.1~~ 0.07		.	.	.	

FLOW PROCESS CHART

SUBJECT CENTRAL GEAR BOX PARTS VISUAL INSPECTION DATE 5/23/89

ITEM CODE
PCN ☒08007A
NSN ☐
P/N ☐

WCD TA5CDR WCD DATE 88257

CHART BEGINS OPERATION 010 SORT PARTS FOR VISUAL INSPECTION (AATPST

CHART ENDS OPERATION 550 VISUAL INSPECTION PREPARED BY K. ATTARIA

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
10	10	●▷D□▽	SORT PARTS B/S	260	260	○▷D⊠▽	INSPECTION
20	20	○▷D□▽	ROUTE TO PARTS POOL	270	270	○▷D⊠▽	〃
30	30	○▷D⊠▽	INSPECTION	280	280	○▷D⊠▽	〃
33	33	○▷D⊠▽	〃	290	290	○▷D⊠▽	〃
37	37	○▷D⊠▽	〃	300	300	○▷D⊠▽	〃
40	40	○▷D⊠▽	〃	310	310	○▷D⊠▽	〃
50	50	○▷D⊠▽	〃	320	320	○▷D⊠▽	〃
60	60	○▷D⊠▽	〃	330	330	○▷D⊠▽	〃
65	65	○▷D⊠▽	〃	340	340	○▷D⊠▽	〃
70	70	○▷D⊠▽	〃	350	350	○▷D⊠▽	〃
80	80	○▷D⊠▽	〃	360	360	○▷D⊠▽	〃
90	90	○▷D⊠▽	〃	370	370	○▷D⊠▽	〃
95	95	○▷D⊠▽	〃	380	380	○▷D⊠▽	〃
100	100	○▷D⊠▽	〃	385	385	○▷D⊠▽	〃
110	110	○▷D⊠▽	〃	390	390	○▷D⊠▽	〃
115	115	○▷D⊠▽	〃	400	400	○▷D⊠▽	〃
120	120	○▷D⊠▽	〃	405	405	○▷D□▽	〃
125	125	○▷D⊠▽	〃	410	410	○▷D□▽	〃
130	130	○▷D⊠▽	〃	420	420	○▷D□▽	〃
140	140	○▷D⊠▽	〃	430	430	○▷D□▽	〃
150	150	○▷D⊠▽	〃	440	440	○▷D□▽	〃
160	160	○▷D⊠▽	〃	450	450	○▷D□▽	〃
170	170	○▷D⊠▽	〃	460	460	○▷D□▽	〃
180	180	○▷D⊠▽	〃	470	470	○▷D□▽	〃
190	190	○▷D⊠▽	〃	480	480	○▷D□▽	〃
200	200	○▷D⊠▽	〃	500	500	○▷D□▽	〃
210	210	○▷D⊠▽	〃	510	510	○▷D□▽	〃
220	220	○▷D⊠▽	〃	520	520	○▷D□▽	〃
225	225	○▷D⊠▽	〃	530	530	○▷D□▽	〃
230	250	○▷D⊠▽	〃	540	540	○▷D□▽	〃
240	253	○▷D⊠▽	〃	550	550	○▷D□▽	〃
250	250	○▷D⊠▽	〃			○▷D□▽	〃

○ OPERATION ▽ STORAGE □ INSPECTION

▷ TRANSPORTATION D DELAY

LSC-20147

NAME:HULM ALC: SA RCC:MATPSS

PCN: 12712A WCD: 1A001L WCDDATE:88258

OP #	RCC	OP DESC	OCCU FAC	UP TYPE	MAND %	FLOW HRS	SKIL CODE	QTY	TIME %	REQ HRS	EQUIP CODE	QTY	TIME %	REQ HRS
1	MATPSI	RTE	1.00	P				1		0.05				
3	MATPSI	RTE	1.00	P		0.50		1		0.05				
5	MATPSS	INFO	1.00	P			8602BE09	1						
10	MATPSS	INFO	1.00	P			8602BE09	1						
15	MATPSS	VIS	1.00	P			8602BE09	1		0.05				
20	MATPSS	VIS	1.00	P			8602BE09	1		0.08				
30	MATPSS	VIS	1.00	P			8602BE09	1		0.13				
40	MATPSS	VIS	1.00	P			8602BE09	1		0.03				
50	MATPSS	VIS	1.00	P			8602BE09	1		0.03				
60	MATPSS	VIS	1.00	P			8602BE09	1		0.05				
70	MATPSS	VIS	1.00	P			8602BE09	1		0.08				
80	MATPSS	VIS	1.00	P			8602BE09	1		0.03				
90	MATPSS	VIS	1.00	P			8602BE09	1		0.07				
100	MATPSS	VIS	1.00	P			8602BE09	1		0.17				
110	MATPSS	VIS	1.00	P			8602BE09	1		0.25				
120	MATPSS	VIS	1.00	P			8602BE09	1		0.05				
130	MATPSS	VIS	1.00	P			8602BE09	1		0.07				
140	MATPSS	VIS	1.00	P			8602BE09	1		0.03				
150	MATPSS	VIS	1.00	P			8602BE09	1		0.07				
160	MATPSS	VIS	1.00	P			8602BE09	1		0.03				
170	MATPSS	VIS	1.00	P			8602BE09	1		0.03				
180	MATPSS	VIS	1.00	P			8602BE09	1		0.03				
190	MATPSS	VIS	1.00	P			8602BE09	1		0.03				
210	MATPSS	VIS	1.00	P			8602BE09	1		0.08				
220	MATPSS	VIS	1.00	P			8602BE09	1		0.03				
230	MATPSS	VIS	1.00	P			8602BE09	1		0.03				
240	MATPSS	VIS	1.00	P			8602BE09	1		0.05				
250	MATPSS	VIS	1.00	P			8602BE09	1		0.08				
260	MATPSS	VIS	1.00	P			8602BE09	1		0.13				
270	MATPSS	VIS	1.00	P			8602BE09	1		0.12				

Dight Disk #16

PFile

NAME: HOLM ALC: SA RCC: MATPSS

PCN: 12712A WCD: TA001L WCDDATE: 88258

OP #	RCC	OP DESC	OCCU FAC	OP TYPE	MAND %	FLOW HRS	SKIL CODE	QTY	TIME %	REQ HRS	EQUIP CODE	QTY	TIME %	REQ HRS
1	MATPSI	RTE	1.00	P				1		0.05				
3	MATPSI	RTE	1.00	P		0.50		1		0.05				
5	MATPSS	INFO	1.00	P			8602BE09	1						
10	MATPSS	INFO	1.00	P			8602BE09	1						
15	MATPSS	VIS	1.00	P			8602BE09	1		0.05				
20	MATPSS	VIS	1.00	P			8602BE09	1		0.08				
30	MATPSS	VIS	1.00	P			8602BE09	1		0.13				
40	MATPSS	VIS	1.00	P			8602BE09	1		0.03				
50	MATPSS	VIS	1.00	P			8602BE09	1		0.03				
60	MATPSS	VIS	1.00	P			8602BE09	1		0.05				
70	MATPSS	VIS	1.00	P			8602BE09	1		0.08				
80	MATPSS	VIS	1.00	P			8602BE09	1		0.03				
90	MATPSS	VIS	1.00	P			8602BE09	1		0.07				
100	MATPSS	VIS	1.00	P			8602BE09	1		0.17				
110	MATPSS	VIS	1.00	P			8602BE09	1		0.25				
120	MATPSS	VIS	1.00	P			8602BE09	1		0.03				
130	MATPSS	VIS	1.00	P			8602BE09	1		0.07				
140	MATPSS	VIS	1.00	P			8602BE09	1		0.03				
150	MATPSS	VIS	1.00	P			8602BE09	1		0.07				
160	MATPSS	VIS	1.00	P			8602BE09	1		0.03				
170	MATPSS	VIS	1.00	P			8602BE09	1		0.03				
180	MATPSS	VIS	1.00	P			8602BE09	1		0.03				
190	MATPSS	VIS	1.00	P			8602BE09	1		0.03				
200	MATPSS	VIS	1.00	P			8602BE09	1		0.03				
210	MATPSS	VIS	1.00	P			8602BE09	1		0.08				
220	MATPSS	VIS	1.00	P			8602BE09	1		0.03				
230	MATPSS	VIS	1.00	P			8602BE09	1		0.03				
240	MATPSS	VIS	1.00	P			8602BE09	1		0.03				
250	MATPSS	VIS	1.00	P			8602BE09	1		0.08				
260	MATPSS	VIS	1.00	P			8602BE09	1		0.13				
270	MATPSS	VIS	1.00	P			8602BE09	1		0.12				

FLOW PROCESS CHART

SUBJECT F16 ADG VISUAL INSPECTS DATE 5-23-89

ITEM CODE
PCN ■
NSN □
P/N □ 12712A

WCD TA001L WCD DATE 88258

CHART BEGINS 1

CHART ENDS 270 PREPARED BY APHolm

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
1	1	○◆D□▽	Route			○▷D□▽	
3	3	○◆D□▽	Route			○▷D□▽	
5	5	●▷D□▽	INFO			○▷D□▽	
10	10	●▷D□▽	INFO			○▷D□▽	
15	15	○▷D■▽	VISUAL			○▷D□▽	
20	20	○▷D■▽	VISUAL			○▷D□▽	
30	30	○▷D■▽	VISUAL			○▷D□▽	
40	40	○▷D■▽	VISUAL			○▷D□▽	
50	50	○▷D■▽	VISUAL			○▷D□▽	
60	60	○▷D■▽	VISUAL			○▷D□▽	
70	70	○▷D■▽	VISUAL			○▷D□▽	
80	80	○▷D■▽	VISUAL			○▷D□▽	
90	90	○▷D■▽	VISUAL			○▷D□▽	
100	100	○▷D■▽	VISUAL			○▷D□▽	
110	110	○▷D■▽	VISUAL			○▷D□▽	
120	120	○▷D■▽	VISUAL			○▷D□▽	
130	130	○▷D■▽	VISUAL			○▷D□▽	
140	140	○▷D■▽	VISUAL			○▷D□▽	
150	150	○▷D■▽	VISUAL			○▷D□▽	
160	160	○▷D■▽	VISUAL			○▷D□▽	
170	170	○▷D■▽	VISUAL			○▷D□▽	
180	180	○▷D■▽	VISUAL			○▷D□▽	
190	190	○▷D■▽	VISUAL			○▷D□▽	
200	200	○▷D■▽	VISUAL			○▷D□▽	
210	210	○▷D■▽	VISUAL			○▷D□▽	
220	220	○▷D■▽	VISUAL			○▷D□▽	
230	230	○▷D■▽	VISUAL			○▷D□▽	
240	240	○▷D■▽	VISUAL			○▷D□▽	
250	250	○▷D■▽	VISUAL			○▷D□▽	
260	260	○▷D■▽	VISUAL			○▷D□▽	
270	270	○▷D■▽	VISUAL			○▷D□▽	
		○▷D□▽				○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

▷ TRANSPORTATION D DELAY

LSC-20147

INDUCED SANCTE - "CHANIC

AIG ASSY. (ACCESSORY DRIVE GEARBOX)

APH

OPERATION PROFILE SAS 8:18 TUESDAY, MARCH 28, 1989 301

NAME BILL MORGAN ALC SA DATE 4-17-89 RCC MATPSS SHEET 1 OF 44

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
1	MATPSS	ASSY	.	1.0	T		8602BE09	1.	.	.1					
1	MATPSS	ASSY	.	1.0	S		8602BE09	1	.	.2					
1	MATPSS	ASSY	.	1.0	P		8602BE09	1	.	5.7					
~~5~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~										
~~5~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~										
5	MATPSS	ASSY	.	1.0	P		8602BE09	1	.	0.3	J-57	1	.	0.3	
~~10~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~										
~~10~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~										
10	MATPSS	ASSY	.	1.0	P		8602BE09	1	.	1.1	J-56	1	.	1.1	
10	MATPSS	ASSY	.	.	P						J-15	1	.	1.1	
10	MATPSS	ASSY			P						X-1	1		.8	
10	MATPSS	ASSY	.	.	P						J-58	1	.	0.3	
10	MATPSS	ASSY			P						X-3	1		.3	
10	MATPSS	ASSY	.	.	P						J-59	1	.	0.3	
~~15~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~										

SAS

OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 302

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 2 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~15~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~										
15	MATPSS	ASSY	.	1.0	P		8602BC09 ~~WG-8~~	1	.	1.0	J-60	1	.	0.5	
15	MATPSS	ASSY	.	.	P						J-61	1	.	0.5	
15	MATPSS	ASSY			P						X-1	1		.5	
15	MATPSS	ASSY	.	.	P						J-62	1	.	0.5	
15	MATPSS	ASSY			P						X-3	1		.5	
~~20~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~										
~~20~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~										
20	MATPSS	ASSY	.	1.0	P		8602BC09 ~~WG-8~~	1	.	0.5	J-17	1	.	0.5	
20	MATPSS	ASSY	.	.	P						J-65 ~~J-65~~	1	.	0.5	
20	MATPSS	ASSY	.	.	P						J-64	1	.	0.5	
~~25~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~										
~~25~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~										
25	MATPSS	ASSY	.	1.0	P		8602BC09 ~~WG-8~~	1	.	0.5	J-66	1	.	0.5	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 3 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~30~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~30~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
30	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WC-S~~	1	.	0.5	J-68	1	.	0.5	
30	MATPSS	ASSY	.	.	P	.		.	.	.	J-67	1	.	0.5	
~~35~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~35~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
35	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WC-S~~	1	.	~~0.7~~ 1.5	~~J-62~~ J-17	1	.	0.7	
35	MATPSS	ASSY	.	.	P	.		.	.	.	J-56	1	.	0.7	
35	MATPSS	ASSY			P						X-1	1		.8	
35	MATPSS	ASSY	.	.	P	.		.	.	.	~~J-68~~ J-70	~~1~~	.	~~0.7~~	
35	MATPSS	ASSY			P						X-3	1		.3	
35	MATPSS	ASSY	.	.	P	.		.	.	.	J-69	1	.	0.7	
~~40~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~40~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
40	MATPSS	ASSY	.	1.0	P	.8	8602BC09 ~~WC-S~~	1	.	~~0.5~~ 1.3	X-1	1.	.	.8	
40	MATPSS	ASSY			P						X-3	1		.5	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 4 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~45~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~45~~	~~MATPSS~~	~~ASSY~~			~~S~~										
45	MATPSS	ASSY		1.0	P		8602BC09 ~~MS-5~~	1		0.5	J-~~70~~ 71	1		0.5	
45	MATPSS	ASSY			P						J-70	1		0.5	
~~50~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~50~~	~~MATPSS~~	~~ASSY~~			~~S~~										
50	MATPSS	ASSY		1.0	P		8602BC09 ~~MS-5~~	1		0.2	J-72	1		0.2	
~~55~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~55~~	~~MATPSS~~	~~ASSY~~			~~S~~										
55	MATPSS	ASSY		1.0	P		8602BC09 ~~MS-5~~	1		0.2	J-72	1		0.2	
~~60~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~60~~	~~MATPSS~~	~~ASSY~~			~~S~~										

SAS

8:16 TUESDAY, MARCH 28, 1989 305

OPERATION PROFILE

NAME _____ _____ ALC SA DATE _____ RCC MATPSS SHEET 5 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
60	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.6		.	.	.	
~~61~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~62~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
62	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.5		.	.	.	
~~65~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~65~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~C~~	.		.	.	.		.	.	.	
65	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.5	J-73	1	.	0.5	
~~70~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~70~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
70	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602EC09	1	.	1.0	J-74	-	.	0.5	
70	MATPSS	ASSY	.	.	P	.		.	.	.	J-75	1	.	0.5	
70	MATPSS	ASSY	.	.	P	.		.	.	.	J-76	1	.	0.5	
~~75~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	

SAS

OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 306

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 6 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~75~~	~~MATPSS~~	~~ASSY~~			~~S~~										
75	MATPSS	ASSY		1.0	P		WG-8 8602BC09	1		1.0	J-77	1		0.5	
~~80~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~80~~	~~MATPSS~~	~~ASSY~~			~~S~~										
80	MATPSS	ASSY		1.0	P		8602BC09	1		1.0	J-78	1		0.5	
80	MATPSS	ASSY			P						J-79			0.5	
80	MATPSS	ASSY			P		WG-8	1		1.0	J-80	1		0.5	
80	MATPSS	ASSY			P						J-81	1		0.5	
~~85~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~85~~	~~MATPSS~~	~~ASSY~~			~~S~~										
85	MATPSS	ASSY		1.0	P		8602BC09	1		.5	J-82	1		0.3	
85	MATPSS	ASSY			P		WG-8 8602BC09	1		0.5	J-25	1		0.3	

SAS

OPERATION PROFILE

8 -o TUESDAY, MARCH 28, 1989 307

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 7 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88626

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
85	MATPSS	ASSY	.	.	P	.		.	.	.	J-83	1	.	0.3	
~~90~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~P~~	.		.	.	.		.	.	.	
~~90~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
90	MATPSS	ASSY	.	1.0	P	.	8602 B009	1	.	4.5	J-84	1	.	0.5	
90	MATPSS	ASSY	.	.	P	.		.	.	.	J-85	1	.	0.5	
90	MATPSS	ASSY	.	.	P	.	~~WO 2~~	~~E~~	.	~~E6~~	J-29	1	.	0.5	
90	MATPSS	ASSY			P						J-101	1		.5	
90	MATPSS	ASSY	.	.	P	.		.	.	.	J-72	1	.	0.5	
90	MATPSS	ASSY	.	.	P	.		.	.	.	J-86	1	.	0.5	
90	MATPSS	ASSY	.	.	P	.		.	.	.	J-38	1	.	0.5	
90	MATPSS	ASSY	.	.	P	.		.	.	.	J-24	1	.	0.5	
90	MATPSS	ASSY	.	.	P	.		.	.	.	J-87	1	.	0.5	
90	MATPSS	ASSY	.	.	P	.		.	.	.	J-97	1	.	1.0	
~~95~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~P~~	.		.	.	.		.	.	.	

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SAS

OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 308

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 8 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88028

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~90 MATPSS ASSY . . C~~															
95	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	~~0.8~~ 0.4	J-23	1	.	~~24.0~~ 4	
95	MATPSS	ASSY	.	.	P	.			.	.	J-39	1	.	~~24.0~~ 4	
~~100 MATPSS ASSY 1.00 . I~~															
~~100 MATPSS ASSY . . C~~															
100	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.7	J-23	1	.	0.7	
100	MATPSS	ASSY	.	.	P	.			.	.	J-39	1	.	0.7	
100	MATPSS	ASSY	.	.	P	.			.	.	J-88	1	.	0.4	
~~105 MATPSS ASSY 1.00 . I~~															
~~105 MATPSS ASSY . . C~~															
105	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.5	J-23	1	.	0.5	
105	MATPSS	ASSY	.	.	P	.			.	.	J-39	1	.	0.5	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 9 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
105	MATPSS	ASSY	.	.	P	.		.	.	.	J-88	1	.	0.5	
~~110~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~110~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
110	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.4	J-23	1	.	0.4	
110	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.4	
110	MATPSS	ASSY	.	.	P	.		.	.	.	J-57	1	.	0.4	
~~115~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~115~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
115	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.7	J-23	1	.	0.7	
115	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.7	
~~120~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~120~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
120	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.7	J-23	1	.	0.7	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 10 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
120	MATPSS	Ass	.	.	P	.		.	.	.	J-39	1	.	0.7	
120	MATPSS	ASSY	.	.	P	.		.	.	.	J-88	1	.	0.3	
~~125~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~125~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
125	MATPSS	ASSY	.	1.0	P	.	~~WG-5~~ 8602BC09	1	.	0.3	J-23	1	.	0.3	
125	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.3	
125	MATPSS	ASSY	.	.	P	.		.	.	.	J-89	1	.	0.3	
~~130~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~130~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
130	MATPSS	ASSY	.	1.0	P	.	~~WG-5~~ 8602BC09	1	.	0.3	J-23	1	.	0.3	
130	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.3	
~~195~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 11 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~135~~	~~MATPSS~~	~~ASSY~~													
135	MATPSS	ASSY	.	1.0	P	.	~~WG-9~~ 8602BC09	1	.	0.3	J-90	1	.	0.3	
135	MATPSS	ASSY			P						J-102	1		.3	
135	MATPSS	ASSY	.	.	P	.			.	.	J-23	1	.	0.3	
135	MATPSS	ASSY			P						J-103	1		.3	
135	MATPSS	ASSY	.	.	P	.			.	.	J-39	1	.	0.3	
135	MATPSS	ASSY	.	.	P	.			.	.	J-91	1	.	0.3	
~~140~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~	.			.	.			.	.	
~~140~~	~~MATPSS~~	~~ASSY~~			~~S~~	.			.	.			.	.	
140	MATPSS	ASSY	.	1.0	P	.	~~WG-9~~ 8602BC09	1	.	0.3	J-23	1	.	0.3	
140	MATPSS	ASSY	.	.	P	.			.	.	J-39	1	.	0.3	
~~145~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~	.			.	.			.	.	
~~145~~	~~MATPSS~~	~~ASSY~~			~~S~~	.			.	.			.	.	
145	MATPSS	ASSY	.	1.0	P	.	~~WG-9~~ 8602BC09	1	.	0.3	J-23	1	.	0.3	
145	MATPSS	ASSY	.	.	P	.			.	.	J-39	1	.	0.3	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 12 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~150~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~P~~										
~~150~~	~~MATPSS~~	~~ASSY~~			~~C~~										
150	MATPSS	ASSY		1.0	P		~~WG-9~~ 8602BC09	1		0.3	J-23	1		0.3	
150	MATPSS	ASSY			P						J-39	1		0.3	
~~155~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~P~~										
~~155~~	~~MATPSS~~	~~ASSY~~			~~C~~										
155	MATPSS	ASSY		1.0	P		~~WG-9~~ 8602BC09	1		0.3	J-23	1		0.3	
155	MATPSS	ASSY			P						J-108	1		.3	
155	MATPSS	ASSY			P						J-39	1		0.3	
~~160~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~P~~										
~~160~~	~~MATPSS~~	~~ASSY~~			~~C~~										
160	MATPSS	ASSY		1.0	P		~~WG-9~~ 8602BC09	1		0.3	J-23	1		0.3	
160	MATPSS	ASSY			P						J-39	1		0.3	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 13 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~160~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~165~~	~~MATPSS~~	~~ASSY~~			~~S~~										
165	MATPSS	ASSY		1.0	P		~~WG-8~~ 8602BC09	1		0.3	J-23	1		0.3	
165	MATPSS	ASSY			P						J-39	1		0.3	
~~170~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~170~~	~~MATPSS~~	~~ASSY~~			~~S~~										
170	MATPSS	ASSY		1.0	P		~~WG-8~~ 8602BC09	1		0.3	J-23	1		0.3	
170	MATPSS	ASSY			P						J-39	1		0.3	
~~175~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~175~~	~~MATPSS~~	~~ASSY~~			~~S~~										
175	MATPSS	ASSY		1.0	P		~~WG-8~~ 8602BC09	1		0.3	J-23	1		0.3	
175	MATPSS	ASSY			P						J-39	1		0.3	
~~180~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 19 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~180~~	~~MATPSS~~	~~ASSY~~	.	.	~~T~~	.		.	.	.		.	.	.	
180	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.1	J-23	1	.	0.1	
180	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.1	
~~185~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~185~~	~~MATPSS~~	~~ASSY~~	.	.	~~C~~	.		.	.	.		.	.	.	
185	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.1	J-23	1	.	~~0.1~~	
185	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	~~0.1~~	
~~190~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~190~~	~~MATPSS~~	~~ASSY~~	.	.	~~C~~	.		.	.	.		.	.	.	
190	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
190	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.2	
~~195~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 15 OF ___

ITEM CD PCN 12712A WCD TA897L WCDDATE 88028

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~105~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.		.	.	.	
105	MATPSS	ASSY	.	1.0	P	.	~~WQ-S~~ 8602BC09	1	.	0.1	J-23	1	.	0.1	
105	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.1	
~~200~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~200~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.		.	.	.	
200	MATPSS	ASSY	.	1.0	P	.	~~WQ-S~~ 8602BC09	1	.	0.3	J-23	1	.	0.3	
200	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.3	
~~205~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~205~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.		.	.	.	
205	MATPSS	ASSY	.	1.0	P	.	~~WQ-S~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
205	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.2	
~~210~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~210~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.		.	.	.	

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 16 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
210	MATPSS	ASSY	.	1.0	P	.	~~WG-9~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
210	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.2	
~~215~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~P~~	.		.	.	.		.	.	.	
~~215~~	~~MATPSS~~	~~ASSY~~			~~C~~	.		.	.	.		.	.	.	
215	MATPSS	ASSY	.	1.0	P	.	~~WG-9~~ 8602BC09	1	.	0.1	J-23	1	.	0.1	
215	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.1	
~~220~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~P~~	.		.	.	.		.	.	.	
~~220~~	~~MATPSS~~	~~ASSY~~			~~C~~	.		.	.	.		.	.	.	
220	MATPSS	ASSY	.	1.0	P	.	~~WG-9~~ 8602BC09	1	.	0.1	J-23	1	.	0.1	
220	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.1	
~~225~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~P~~	.		.	.	.		.	.	.	
~~225~~	~~MATPSS~~	~~ASSY~~			~~C~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 17 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
225	MATPSS	ASSY	.	1.0	P	.	~~WC 8~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
225	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.2	
~~230~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~P~~	.		.	.	.		.	.	.	
~~230~~	~~MATPSS~~	~~ASSY~~	.			.		.	.	.		.	.	.	
230	MATPSS	ASSY	.	1.0	P	.	~~WC 8~~ 8602BC09	1	.	0.1	J-23	1	.	0.1	
230	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.1	
~~235~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~P~~	.		.	.	.		.	.	.	
~~235~~	~~MATPSS~~	~~ASSY~~				.		.	.	.		.	.	.	
235	MATPSS	ASSY	.	1.0	P	.	~~WC 8~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
235	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.2	
~~240~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~P~~	.		.	.	.		.	.	.	
240	MATPSS	ASSY	.			.		.	.	.		.	.	.	
240	MATPSS	ASSY	.	1.0	P	.	~~WC 8~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 18 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
240	MATPSS	ASSY	.	.	P	.	.	.	.	J-39	1	.	0.2	
~~245~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~	.	.	.	.		.	.	.	
~~245~~	~~MATPSS~~	~~ASSY~~			~~S~~	.	.	.	.		.	.	.	
245	MATPSS	ASSY	.	1.0	P	. ~~WC-9~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
245	MATPSS	ASSY	.	.	P	.	.	.	.	J-39	1	.	0.2	
245	MATPSS	ASSY	.	.	P	.	.	.	.	J-98	1	.	0.2	
~~250~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~	.	.	.	.		.	.	.	
~~250~~	~~MATPSS~~	~~ASSY~~			~~S~~	.	.	.	.		.	.	.	
250	MATPSS	ASSY	.	1.0	P	. ~~WC-9~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
250	MATPSS	ASSY	.	.	P	.	.	.	.	J-39	1	.	0.2	
~~255~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~	.	.	.	.		.	.	.	
~~255~~	~~MATPSS~~	~~ASSY~~			~~S~~	.	.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 19 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
255	MATPSS	ASSY	.	1.0	P	.	~~MG-5~~ 8602BC09	1	.	0.1	J-23	1	.	0.1	
255	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.1	
~~260~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~260~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
260	MATPSS	ASSY	.	1.0	P	.	~~MG-5~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
260	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.2	
~~265~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~265~~	~~MATPSS~~	~~ASSY~~	.	.	~~C~~	.		.	.	.		.	.	.	
265	MATPSS	ASSY	.	1.0	P	.	~~MG-5~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
265	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.2	
~~265~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~J-02~~	~~1~~	.	~~0.2~~	
~~265~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~J-03~~	~~1~~	.	~~0.2~~	
~~270~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ - _____ ALC SA DATE _____ RCC MATPSS SHEET 20 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~270~~	~~MATPSS~~	~~ASSY~~			~~S~~										
270	MATPSS	ASSY		1.0	P		~~WG-9~~ 8602BC09	1		0.1	J-23	1		0.1	
270	MATPSS	ASSY			P						J-39	1		0.1	
~~275~~	~~MATPSS~~	~~ASSY~~		~~1.00~~	~~T~~										
~~275~~	~~MATPSS~~	~~ASSY~~			~~S~~										
275	MATPSS	ASSY		1.0	P		~~WG-9~~ 8602BC09	1		0.2	J-23	1		0.2	
275	MATPSS	ASSY			P						J-39	1		0.2	
~~275~~	~~MATPSS~~	~~ASSY~~			~~P~~						~~J-2~~	~~1~~		~~0.2~~	
~~275~~	~~MATPSS~~	~~ASSY~~			~~P~~						~~J-04~~	~~1~~		~~0.2~~	
~~280~~	~~MATPSS~~	~~ASSY~~		~~1.00~~	~~T~~										
~~280~~	~~MATPSS~~	~~ASSY~~			~~S~~										
280	MATPSS	ASSY		1.0	P		~~WG-9~~ 8602BC09	1		0.2	J-23	1		0.2	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 21 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
280	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.2	
~~285~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~285~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
285	MATPSS	ASSY	.	1.0	P	.	~~WG-9~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
285	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.2	
~~290~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~290~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
290	MATPSS	ASSY	.	1.0	P	.	~~WG-9~~ 8602BC09	1	.	0.1	J-23	1	.	0.1	
290	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.1	
~~295~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~295~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
295	MATPSS	ASSY	.	1.0	P	.	~~WG-9~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
295	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.2	

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OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 22 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88028

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~300~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~300~~	~~MATPSS~~	~~ASSY~~			~~S~~										
300	MATPSS	ASSY		1.0	P		~~WG-8~~ 8602BC09	1		0.2	J-23	1		0.2	
300	MATPSS	ASSY			P						J-39	1		0.2	
~~305~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~305~~	~~MATPSS~~	~~ASSY~~			~~S~~										
305	MATPSS	ASSY		1.0	P		~~WG-8~~ 8602BC09	1		0.1	J-23	1		0.1	
305	MATPSS	ASSY			P						J-39	1		0.1	
~~310~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~310~~	~~MATPSS~~	~~ASSY~~			~~S~~										
310	MATPSS	ASSY		1.0	P		~~WG-8~~ 8602BC09	1		0.7	J-23	1		0.7	
310	MATPSS	ASSY			P						J-39	1		0.7	
310	MATPSS	ASSY			P						J98	1		.7	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 23 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~315~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~A~~										
~~315~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~										
315	MATPSS	ASSY	.	1.0	P		~~WC~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
315	MATPSS	ASSY	.	.	P						J-39	1	.	0.2	
~~320~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~										
~~320~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~										
320	MATPSS	ASSY	.	1.0	P		~~WC~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
320	MATPSS	ASSY	.	.	P						J-39	1	.	0.2	
~~325~~	~~MATPSS~~	~~ASSY~~	~~0.01~~	~~.~~	~~T~~										
~~325~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~										
325	MATPSS	ASSY	.	1.0	P		~~WC~~ 8602BC09	1	.	0.3	J-23	1	.	0.3	
325	MATPSS	ASSY	.	.	P						J-39	1	.	0.3	
~~330~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~										

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OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 24 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~300 MATPSS ASSY . . S~~															
330	MATPSS	ASSY	.	1.0	P	.	~~WG-5~~ 8602BC09	1	.	0.3	J-23	1	.	0.3	
330	MATPSS	ASSY	.	.	P	.			.	.	J-39	1	.	0.3	
~~335 MATPSS ASSY 1.00 T~~															
~~335 MATPSS ASSY . . O~~															
335	MATPSS	ASSY	.	1.0	P	.	~~WG-5~~ 8602BC09	1	.	0.3	J-23	1	.	0.3	
335	MATPSS	ASSY	.	.	P	.			.	.	J-39	1	.	0.3	
~~340 MATPSS ASSY 1.00 T~~															
~~340 MATPSS ASSY . . O~~															
340	MATPSS	ASSY	.	1.0	P	.	~~WG-5~~ 8602BC09	1	.	0.7	J-23	1	.	0.7	
340	MATPSS	ASSY	.	.	P	.			.	.	J-39	1	.	0.7	
340	MATPSS	ASSY			P						J-104	1		.7	
345	MATPSS	ASSY	1.00	.	T	.			.	.			.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 25 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~345~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.	.	.	.	.		.	.	.	
345	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.3	J-23	1	.	0.3	
345	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.3	
~~350~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~	.		.	.	.		.	.	.	
~~350~~	~~MATPSS~~	~~ASSY~~			~~S~~	.		.	.	.		.	.	.	
350	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.1	J-23	1	.	0.1	
350	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.1	
~~355~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~355~~	~~MATPSS~~	~~ASSY~~	.		~~S~~	.		.	.	.		.	.	.	
355	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
355	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.2	
~~360~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~	.		.	.	.		.	.	.	
~~360~~	~~MATPSS~~	~~ASSY~~			~~S~~	.		.	.	.		.	.	.	

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OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 26 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
360	MATPSS	ASSY	.	1.0	P	.	~~WG-5~~ 8602BC09	1	.	0.3	J-23	1	.	0.3	
360	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.3	
~~365~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~365~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
365	MATPSS	ASSY	.	1.0	P	.	8602BC09 ~~WG-5~~	1	.	0.7	J-23	1	.	0.7	
365	MATPSS	ASSY			P						J-92	1	.	.7	
365	MATPSS	ASSY			P						J-93	1	.	.7	
365	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.7	
~~370~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~370~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
370	MATPSS	ASSY	.	1.0	P	.	~~WG-5~~ 8602BC09	1	.	0.3	J-23	1	.	0.3	
370	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.3	
~~375~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~375~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	

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OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 27 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
375	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
375	MATPSS	ASSY			P						J-18	1		.2	
375	MATPSS	ASSY	.	.	P	.			.	.	J-39	1	.	0.2	
375	MATPSS	ASSY			P						J-2	1		.2	
~~380~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~P~~	.			.	.			.	.	
~~380~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~P~~	.			.	.			.	.	
380	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
380	MATPSS	ASSY	.	.	P	.			.	.	J-39	1	.	0.2	
~~385~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~P~~	.			.	.			.	.	
~~385~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~P~~	.			.	.			.	.	
385	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
385	MATPSS	ASSY	.	.	P	.			.	.	J-39	1	.	0.2	
~~390~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~P~~	.			.	.			.	.	
~~390~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~P~~	.			.	.			.	.	
390	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	

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OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 28 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
390	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.2	
~~395~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~P~~	.		.	.	.		.	.	.	
~~395~~	~~MATPSS~~	~~ASSY~~			~~P~~	.		.	.	.		.	.	.	
395	MATPSS	ASSY	.	1.0	P	.	~~WG-9~~ 8G02BC09	1	.	0.5	J-23	1	.	0.5	
395	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.5	
~~400~~	~~MATPSS~~	~~ASSY~~	~~0.00~~		~~P~~	.		.	.	.		.	.	.	
~~400~~	~~MATPSS~~	~~ASSY~~			~~P~~	.		.	.	.		.	.	.	
400	MATPSS	ASSY	.	1.0	P	.	~~WG-9~~ 8G02EC09	1	.	0.5	J-23	1	.	0.5	
400	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.5	
~~405~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~P~~	.		.	.	.		.	.	.	
~~405~~	~~MATPSS~~	~~ASSY~~			~~P~~	.		.	.	.		.	.	.	
405	MATPSS	ASSY	.	1.0	P	.	~~WG-9~~ 8G02BC09	1	.	0.5	J-23	1	.	0.5	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 29 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

PER UMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
05	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.5	
~~410~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~P~~	.		.	.	.		.	.	.	
~~410~~	~~MATPSS~~	~~ASSY~~	.		~~S~~	.		.	.	.		.	.	.	
410	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602EC09	1	.	0.5	J-23	1	.	0.5	
410	MATPSS	ASSY		.	P	.		.	.	.	J-39	1	.	0.5	
~~415~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~P~~	.		.	.	.		.	.	.	
~~415~~	~~MATPSS~~	~~ASSY~~	.		~~S~~	.		.	.	.		.	.	.	
415	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602EC09	1	.	0.3	J-23	1	.	0.3	
415	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.3	
415	MATPSS	ASSY			P						J-105	1		.3	
~~420~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~P~~	.		.	.	.		.	.	.	
~~420~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
420	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602EC09	1	.	0.3	J-23	1	.	0.3	
420	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.3	

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OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 30 OF ___

ITEM CD PCN 12712A WCD TA997L WCCDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~425~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~425~~	~~MATPSS~~	~~ASSY~~			~~S~~										
425	MATPSS	ASSY		1.0	P		~~WG-9~~ 8602BC09	1		0.3	J-23	1		0.3	
425	MATPSS	ASSY			P						J-39	1		0.3	
~~430~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~430~~	~~MATPSS~~	~~ASSY~~			~~S~~										
430	MATPSS	ASSY		1.0	P		~~WG-9~~ 8602BC09	1		0.1	J-23	1		0.1	
430	MATPSS	ASSY			P						J-39	1		0.1	
~~435~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~435~~	~~MATPSS~~	~~ASSY~~			~~S~~										
435	MATPSS	ASSY		1.0	P		~~WG-9~~ 8602BC09	1		0.1	J-23	1		0.1	
435	MATPSS	ASSY			P						J-39	1		0.1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 31 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~440~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~440~~	~~MATPSS~~	~~ASSY~~			~~C~~										
440	MATPSS	ASSY		1.0	P		~~WG-8~~ 8602BC09	1		0.2	J-23	1		0.2	
440	MATPSS	ASSY			P						J-39	1		0.2	
~~445~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~445~~	~~MATPSS~~	~~ASSY~~			~~S~~										
445	MATPSS	ASSY		1.0	P		~~WG-8~~ 8602BC09	1		0.1	J-23	1		0.1	
445	MATPSS	ASSY			P						J-39	1		0.1	
~~450~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										
~~450~~	~~MATPSS~~	~~ASSY~~			~~S~~										
450	MATPSS	ASSY		1.0	P		~~WG-8~~ 8602BC09	1		0.2	J-23	1		0.2	
450	MATPSS	ASSY			P						J-39	1		0.2	
455	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~										

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 32 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
455	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~										
455	MATPSS	ASSY	.	1.0	P		~~WG-8~~ 8602BC09	1	.	0.3	J-23	1	.	0.3	
455	MATPSS	ASSY	.	.	P						J-39	1	.	0.3	
~~460~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~										
~~460~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~										
460	MATPSS	ASSY	.	1.0	P		~~WG-8~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
460	MATPSS	ASSY	.	.	P						J-39 J-105	1 1	.	0.2 .2	
~~465~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~										
~~465~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~										
465	MATPSS	ASSY	.	1.0	P		~~WG-8~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
465	MATPSS	ASSY	.	.	P						J-39	1	.	0.2	
~~470~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~										

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 33 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~470~~	~~MATPSS~~	~~ASSY~~	.	~~1.00~~	~~S~~	.		.	.	.		.	.	.	
							8602BC09								
470	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~	1	.	0.1	J-23	1	.	0.1	
470	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.1	
~~475~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~475~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
							8602BC09								
475	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~	1	.	0.1	J-23	1	.	0.1	
475	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.1	
~~480~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~480~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
							8602BC09								
480	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~	1	.	0.1	J-23	1	.	0.1	
480	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.1	
~~485~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~485~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 34 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
485	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.3	J-23	1	.	0.3	
485	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.3	
~~490~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~490~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
490	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8609BC09	1	.	0.3	J-23	1	.	0.3	
490	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.3	
~~495~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~495~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
495	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.3	J-23	1	.	0.3	
495	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.3	
~~500~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~500~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 35 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
500	MATPSS	ASSY	.	1.0	P	.	~~WG-9~~ 8602BC09	1	.	0.3	J-23	1	.	0.3	
500	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.3	
~~505~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~505~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
505	MATPSS	ASSY	.	1.0	P	.	~~WG-9~~ 8602BC09	1	.	0.8	J-23	1	.	0.8	
505	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.8	
~~510~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~510~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
510	MATPSS	ASSY	.	1.0	P	.	~~WG-9~~ 8602BC09	1	.	0.3	J-23	1	.	0.3	
510	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.3	
~~515~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~515~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
515	MATPSS	ASSY	.	1.0	P	.	~~WG-9~~ 8602BC09	1	.	0.3	J-23	1	.	0.3	

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NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 36 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
515	MATPSS	ASSY	.	.	P	.		.	.	.	J-1	1	.	0.3	
515	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.3	
~~520~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~	.		.	.	.		.	.	.	
~~520~~	~~MATPSS~~	~~ASSY~~			~~S~~	.		.	.	.		.	.	.	
520	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
520	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.2	
~~525~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~	.		.	.	.		.	.	.	
~~525~~	~~MATPSS~~	~~ASSY~~			~~S~~	.		.	.	.		.	.	.	
525	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
525	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.2	
~~530~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~T~~	.		.	.	.		.	.	.	
~~530~~	~~MATPSS~~	~~ASSY~~			~~S~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 37 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
530	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
530	MATPSS	ASSY			P						J-106	1		.2	
530	MATPSS	ASSY	.	.	P	.			.	.	~~J-39~~ J-107	1	.	0.2 .2	
~~535~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.			.	.			.	.	
~~535~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.			.	.			.	.	
535	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
535	MATPSS	ASSY	.	.	P	.			.	.	J-39	1	.	0.2	
~~540~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.			.	.			.	.	
~~540~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.			.	.			.	.	
540	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
540	MATPSS	ASSY			P						J-107	1		.2	
540	MATPSS	ASSY	.	.	P	.			.	.	J-39	1	.	0.2	
~~545~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.			.	.			.	.	
~~545~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.			.	.			.	.	
545	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.1	J-23	1	.	0.1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 37 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
545	MATPSS	ASSY	.	.	P	.		.	.	.	J-38	1	.	0.1	
~~550~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~550~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
550	MATPSS	ASSY	.	1.0	P	.	~~WG-9~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
550	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.2	
~~555~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~555~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
555	MATPSS	ASSY	.	1.0	P	.	~~WG-9~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
555	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.2	
~~560~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~560~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
560	MATPSS	ASSY	.	1.0	P	.	~~WG-9~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 40 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
560	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.2	
~~565~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~585~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
565	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.3	J-23	1	.	0.3	
565	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.3	
~~570~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~570~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
570	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
570	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.2	
~~575~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~575~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
575	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.2	J-23	1	.	0.2	
575	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.2	

SAS

OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 340

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 41 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~580~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~I~~										
~~580~~	~~MATPSS~~	~~ASSY~~			~~S~~										
580	MATPSS	ASSY		1.0	P		~~WG-8~~ 8602BC09	1		0.1	J-23	1		0.1	
580	MATPSS	ASSY			P						J-39	1		0.1	
~~585~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~I~~										
~~585~~	~~MATPSS~~	~~ASSY~~			~~S~~										
585	MATPSS	ASSY		1.0	P		~~WG-8~~ 8602BC09	1		0.1	J-23	1		0.1	
585	MATPSS	ASSY			P						J-39	1		0.1	
~~590~~	~~MATPSS~~	~~ASSY~~	~~1.00~~		~~I~~										
~~590~~	~~MATPSS~~	~~ASSY~~			~~S~~										
590	MATPSS	ASSY		1.0	P		~~WG-8~~ 8602BC09	1		0.1	J-23	1		0.1	
590	MATPSS	ASSY			P						J-39	1		0.1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 42 OF ___

ITEM CD PCN 12712A WCD TA997L . WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~595~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~										
~~595~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~										
595	MATPSS	ASSY	.	1.0	P		8602BC09 ~~WG-8~~	1	.	0.2	J-23	1	.	0.2	
595	MATPSS	ASSY			P						~~J-WB007~~	~~1~~		~~.2~~	
595	MATPSS	ASSY	.	.	P					.	J-39	1	.	0.2	
~~600~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~										
~~600~~	~~MATPSS~~	~~ASSY~~	~~2.00~~	.	~~S~~										
600	MATPSS	ASSY	.	1.0	P		~~WG-9~~ 8602BC09	1	.	0.3	J-23	1	.	0.3	
600	MATPSS	ASSY			P						~~J-WB007~~	~~1~~		~~.3~~	
600	MATPSS	ASSY	.	.	P					.	J-39	1	.	0.3	
600	MATPSS	ASSY	.	.	P					.	J-95	1	.	0.3	
~~605~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~										
~~605~~	~~MATPSS~~	~~ASSY~~	~~3.00~~	.	~~S~~										
605	MATPSS	ASSY	.	1.0	P		~~WG-8~~ 8602BC09	1	.	0.8	J-39	1	.	0.5	
605	MATPSS	ASSY			P						~~J-WB007~~	~~1~~		~~.8~~	
605	MATPSS	ASSY	.	.	P					.	J-23	1	.	0.5	

OPERATION PROFILE SAS

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 43 OF ___

ITEM CD PCN 12712A WCD TA997L WCDDATE 88026

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
605	MATPSS	ASSY	.	.	P	.		.	.	.	J-96	1	.	0.5	
~~610~~	~~MATPSS~~	~~ASSY~~	~~1.0~~		~~I~~	.		.	.	.		.	.	.	
~~610~~	~~MATPSS~~	~~ASSY~~			~~S~~	.		.	.	.		.	.	.	
610	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.3	J-23	1	.	0.3	
610	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.3	
~~615~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~I~~	.		.	.	.		.	.	.	
~~615~~	~~MATPSS~~	~~ASSY~~			~~S~~	.		.	.	.		.	.	.	
615	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	0.3	J-23	1	.	0.3	
615	MATPSS	ASSY	.	.	P	.		.	.	.	J-39	1	.	0.3	
~~620~~	~~MATPSS~~	~~ASSY~~			~~I~~	.		.	.	.		.	.	.	
620	MATPSS	ASSY	.	1.0	S	.	8602BC09	1	.	.1		.	.	.	
620	MATPSS	ASSY	.	1.0	P	.	~~WG-8~~ 8602BC09	1	.	~~1.4~~ .1	J-23	1	.	~~1.4~~ 1.5	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 44 OF ___

ITEM CD PCN 12712A WCD TA997L . WCDDATE 88028

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
620	MATPSS	ASSY	.	.	P	. .		.	.	.	J-39	1	.	1.4	

FLOW PROCESS CHART

SUBJECT F16 AOC3 ASSEMBLY (continued) DATE 5-24-89

ITEM CODE
PCN ■
NSN □ 12712A
P/N □

WCD TA997L WCD DATE 88026

CHART BEGINS 1

CHART ENDS 620 PREPARED BY APHolm

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
310	310	●▷D□▽	ASSY	470	470	●▷D□▽	ASSY
315	315	●▷D□▽	ASSY	475	475	●▷D□▽	ASSY
320	320	●▷D□▽	ASSY	480	480	●▷D□▽	ASSY
325	325	●▷D□▽	ASSY	485	485	●▷D□▽	ASSY
330	330	●▷D□▽	ASSY	490	490	●▷D□▽	ASSY
335	335	●▷D□▽	ASSY	495	495	●▷D□▽	ASSY
340	340	●▷D□▽	ASSY	500	500	●▷D□▽	ASSY
345	345	●▷D□▽	ASSY	505	505	●▷D□▽	ASSY
350	350	●▷D□▽	ASSY	510	510	●▷D□▽	ASSY
355	355	●▷D□▽	ASSY	515	515	●▷D□▽	ASSY
360	360	●▷D□▽	ASSY	520	520	●▷D□	ASSY
365	365	●▷D□▽	ASSY	525	525	●▷D□▽	ASSY
370	370	●▷D□▽	ASSY	530	530	●▷D□▽	ASSY
375	375	●▷D□▽	ASSY	535	535	●▷D□▽	ASSY
380	380	●▷D□▽	ASSY	540	540	●▷D□▽	ASSY
385	385	●▷D□▽	ASSY	545	545	●▷D□▽	ASSY
390	390	●▷D□▽	ASSY	550	550	●▷D□▽	ASSY
395	395	●▷D□▽	ASSY	555	555	●▷D□▽	ASSY
400	400	●▷D□▽	ASSY	560	560	●▷D□▽	ASSY
405	405	●▷D□▽	ASSY	565	565	●▷D□▽	ASSY
410	410	●▷D□▽	ASSY	570	570	●▷D□▽	ASSY
415	415	●▷D□▽	ASSY	575	575	●▷D□▽	ASSY
420	420	●▷D□▽	ASSY	580	580	●▷D□▽	ASSY
425	425	●▷D□▽	ASSY	585	585	●▷D□▽	ASSY
430	430	●▷D□▽	ASSY	590	590	●▷D□▽	ASSY
435	435	●▷D□▽	ASSY	595	595	●▷D□▽	ASSY
440	440	●▷D□▽	ASSY	600	600	●▷D□▽	ASSY
445	445	●▷D□▽	ASSY	605	605	●▷D□▽	ASSY
450	450	●▷D□▽	ASSY	610	610	●▷D□▽	ASSY
455	455	●▷D□▽	ASSY	615	615	●▷D□▽	ASSY
460	460	●▷D□▽	ASSY	620	620	●▷D□▽	ASSY
465	465	●▷D□▽	ASSY			○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

▷ TRANSPORTATION D DELAY

LSC-20147

FLOW PROCESS CHART

SUBJECT F16 ADG Assembly DATE 5-29-89

ITEM CODE
PCN ●
NSN □
P/N □

WCD TA997L WCD DATE 88026

12712A

CHART BEGINS 1

CHART ENDS 620 PREPARED BY A P Holm

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
1	—	○●D□▽	Move	150	150	●▷D□▽	ASSY
1.	1	●▷D□▽	ASSY	155	155	●▷D□▽	ASSY
5	5	●▷D□▽	ASSY	160	160	●▷D□▽	ASSY
10	10	●▷D□▽	ASSY	165	165	●▷D□▽	ASSY
15	15	●▷D□▽	ASSY	170	170	●▷D□▽	ASSY
20	20	●▷D□▽	ASSY	175	175	●▷D□▽	ASSY
25	25	●▷D□▽	ASSY	180	180	●▷D□▽	ASSY
30	30	●▷D□▽	ASSY	185	185	●▷D□▽	ASSY
35	35	●▷D□▽	ASSY	190	190	●▷D□▽	ASSY
40	40	●▷D□▽	ASSY	195	195	●▷D□▽	ASSY
45	45	●▷D□▽	ASSY	200	200	●▷D□▽	ASSY
50	50	●▷D□▽	ASSY	205	205	●▷D□▽	ASSY
55	55	●▷D□▽	ASSY	210	210	●▷D□▽	ASSY
60	60	●▷D□▽	ASSY	215	215	●▷D□▽	ASSY
62	62	●▷D□▽	ASSY	220	220	●▷D□▽	ASSY
65	65	●▷D□▽	ASSY	225	225	●▷D□▽	ASSY
70	70	●▷D□▽	ASSY	230	230	●▷D□▽	ASSY
75	75	●▷D□▽	ASSY	235	235	●▷D□▽	ASSY
80	80	●▷D□▽	ASSY	240	240	●▷D□▽	ASSY
85	85	●▷D□▽	ASSY	245	245	●▷D□▽	ASSY
90	90	●▷D□▽	ASSY	250	250	●▷D□▽	ASSY
95	95	●▷D□▽	ASSY	255	255	●▷D□▽	ASSY
100	100	●▷D□▽	ASSY	260	260	●▷D□▽	ASSY
105	105	●▷D□▽	ASSY	265	265	●▷D□▽	ASSY
110	110	●▷D□▽	ASSY	270	270	●▷D□▽	ASSY
115	115	●▷D□▽	ASSY	275	275	●▷D□▽	ASSY
120	120	●▷D□▽	ASSY	280	280	●▷D□▽	ASSY
125	125	●▷D□▽	ASSY	285	285	●▷D□▽	ASSY
130	130	●▷D□▽	ASSY	290	290	●▷D□▽	ASSY
135	135	●▷D□▽	ASSY	295	295	●▷D□▽	ASSY
140	140	●▷D□▽	ASSY	300	300	●▷D□▽	ASSY
145	145	●▷D□▽	ASSY	305	305	●▷D□▽	ASSY

○ OPERATION ▽ STORAGE □ INSPECTION

▷ TRANSPORTATION D DELAY

LSC-20147

OV F FRED VASQUEZ
TEST CELL # 0

ADG TEST (ACCESSORY DRIVE GEAR BOX)

SAS 8:18 TUESDAY, MARCH 28, 1989 288

OPERATION PROFILE

NAME BILL MORGAN ALC SA DATE 4-19-89 RCC MATPSS SHEET 1 OF 13

ITEM CD PCN 12712A WCD TA996L WCDDATE 88124

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~10~~	~~MATPSS~~	~~TEST~~	~~0.96~~		~~T~~										
~~10~~	~~MATPSS~~	~~TEST~~			~~S~~										
10	MATPSS	S/U ~~TEST~~		1.0	S		8602BK10 ~~WG-10~~	1		0.3	J-99	1		0.3	
~~20~~	~~MATPSS~~	~~TEST~~	~~0.98~~		~~T~~										
~~20~~	~~MATPSS~~	~~TEST~~			~~S~~										
20	MATPSS	S/U ~~TEST~~		1.0	S		8602EK10 ~~WG-10~~	1		0.2	J-99	1		0.2	
~~30~~	~~MATPSS~~	~~TEST~~	~~1.00~~		~~T~~										
~~30~~	~~MATPSS~~	~~TEST~~			~~S~~										
30	MATPSS	S/U ~~TEST~~		1.0	S		8602EK10 ~~WG-10~~	1		0.2	J-99	1		0.2	
~~40~~	~~MATPSS~~	~~TEST~~	~~1.00~~		~~T~~										
~~40~~	~~MATPSS~~	~~TEST~~			~~S~~										
40	MATPSS	S/U ~~TEST~~		1.0	S		8602BK10 ~~WG-10~~	1		0.2	J-99	1		0.2	
~~50~~	~~MATPSS~~	~~TEST~~	~~1.00~~		~~T~~										

SAS

8:18 TUESDAY, MARCH 28, 1989 289

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 2 OF ___

ITEM CD PCN 12712A WCD TA996L WCDDATE 88124

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~50~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
50	MATPSS	~~TEST~~ S/U	.	1.0	F S	.	8602BK10 ~~WG-10~~	1	.	0.1	J-99	1	.	0.1	
~~60~~	~~MATPSS~~	~~TEST~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~60~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
60	MATPSS	~~TEST~~ S/U	.	.0	F S	.	8602BK10 ~~WG-10~~	1	.	~~1.0~~ .1	J-99	1	.	~~1.0~~ .1	
~~70~~	~~MATPSS~~	~~TEST~~	~~1.0~~	.	~~T~~	.		.	.	.		.	.	.	
~~70~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
70	MATPSS	~~TEST~~ S/U	.	1.0	F S	.	8602BK10 ~~WG-10~~	1	.	~~1.0~~ .1	J-99	1	.	~~1.0~~ .1	
~~75~~	~~MATPSS~~	~~TEST~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~75~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
75	MATPSS	~~TEST~~ S/U	.	1.0	F S	.	8602BK10 ~~WG-10~~	1	.	~~0.5~~ .1	J-99	1	.	~~0.5~~ .1	
~~80~~	~~MATPSS~~	~~TEST~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	

SAS

8:18 TUESDAY, MARCH 28, 1989 290

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 3 OF ___

ITEM CD PCN 12712A WCD TA996L WCDDATE 88124

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~80~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.	.	.	.	.		.	.	.	
80	MATPSS	S/U ~~TEST~~	.	1.0	F S	.	8602BK10 ~~WC=10~~	1	.	.1 ~~1.0~~	J-99	1	.	.1 ~~1.0~~	
~~90~~	~~MATPSS~~	~~TEST~~	~~1.00~~	.	~~T~~	.	.	.	.	.		.	.	.	
~~90~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.	.	.	.	.		.	.	.	
90	MATPSS	S/U ~~TEST~~	.	1.0	F S	.	8602BK10 ~~WC=10~~	1	.	.1 ~~1.0~~	J-99	1	.	.1 ~~1.0~~	
~~100~~	~~MATPSS~~	~~TEST~~	~~1.00~~	.	~~T~~	.	.	.	.	.		.	.	.	
~~100~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.	.	.	.	.		.	.	.	
100	MATPSS	S/U ~~TEST~~	.	1.0	F S	.	8602BK10 ~~WC=10~~	1	.	.1 ~~1.0~~	J-99	1	.	.1 ~~1.0~~	
~~110~~	~~MATPSS~~	~~TEST~~	~~1.00~~	.	~~T~~	.	.	.	.	.		.	.	.	
~~110~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.	.	.	.	.		.	.	.	
110	MATPSS	S/U ~~TEST~~	.	1.0	F S	.	8602BK10 ~~WC=10~~	1	.	.1 ~~1.0~~	J-99	1	.	.1 ~~1.0~~	
~~120~~	~~MATPSS~~	~~TEST~~	~~1.00~~	.	~~T~~	.	.	.	.	.		.	.	.	
~~120~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.	.	.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 4 OF ___

ITEM CD PCN 12712A WCD TA996L WCDDATE 88124

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
120	MATPSS	S/U ~~TEST~~	.	1.0	F/S	.	8602BK10 ~~WG-10~~	1	.	~~1.0~~ .1	J-99	1	.	~~1.0~~ .1	
~~130~~	~~MATPSS~~	~~TEST~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~130~~	~~MATPSS~~	~~TEST~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
130	MATPSS	S/U ~~TEST~~	.	1.0	F/S	.	8602BK10 ~~WG-10~~	1	.	~~1.0~~ .1	J-99	1	.	~~1.0~~ .1	
~~135~~	~~MATPSS~~	~~TEST~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~135~~	~~MATPSS~~	~~TEST~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
135	MATPSS	S/U ~~TEST~~	.	1.0	F/S	.	8602BK10 ~~WG-10~~	1	.	~~1.0~~ .1	J-99	1	.	~~1.0~~ .1	
~~140~~	~~MATPSS~~	~~TEST~~	~~1.00~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~140~~	~~MATPSS~~	~~TEST~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
140	MATPSS	S/U ~~TEST~~	.	1.0	F/S	.	8602BK10 ~~WG-10~~	1	.	~~1.0~~ .1	J-99	1	.	~~1.0~~ .1	
~~145~~	~~MATPSS~~	~~TEST~~	~~.~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~145~~	~~MATPSS~~	~~TEST~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 5 OF ___

ITEM CD PCN 12712A WCD TA996L WCDDATE 88124

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
145	MATPSS	S/U TEST		1.0	F S		~~NS 10~~ 8602BK10	1		~~0.5~~ 1	J-99	1		~~0.5~~ 1	
~~150~~	~~MATPSS~~	~~TEST~~		~~1.00~~	~~T~~										
~~150~~	~~MATPSS~~	~~TEST~~			~~S~~										
150	MATPSS	S/U TEST		1.0	F S		~~NS 10~~ 8602EK10	1		~~1.0~~ 1	J-99	1		~~1.0~~ 1	
~~160~~	~~MATPSS~~	~~TEST~~		~~1.00~~	~~T~~										
~~160~~	~~MATPSS~~	~~TEST~~			~~S~~										
160	MATPSS	S/U TEST		1.0	F S		~~NS 10~~ 8602BK10	1		1.0 1	J-99	1		~~1.0~~ 1	
~~170~~	~~MATPSS~~	~~TEST~~		~~1.00~~	~~T~~										
~~170~~	~~MATPSS~~	~~TEST~~			~~S~~										
170	MATPSS	S/U TEST		1.0	F S		~~NS 10~~ 8602BK10	1		~~1.0~~ 1	J-99	1		~~1.0~~ 1	
~~180~~	~~MATPSS~~	~~TEST~~		~~1.00~~	~~T~~										
~~180~~	~~MATPSS~~	~~TEST~~			~~S~~										
180	MATPSS	S/U TEST		1.0	F S		~~NS 10~~ 8602BK10	1		~~0.5~~ 1	J-99	1		~~0.5~~ 1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 6 OF ___

ITEM CD PCN 12712A WCD TA996L WCDDATE 88124

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~190~~	~~MATPSS~~	~~TEST~~	~~1.00~~		~~T~~										
~~190~~	~~MATPSS~~	~~TEST~~			~~S~~										
190	MATPSS	~~TEST~~ S/U		1.0	P S		8602BK10 ~~WG-10~~	1		~~1.0~~ .1	J-99	1		~~1.0~~ .1	
~~200~~	~~MATPSS~~	~~TEST~~	~~1.00~~		~~T~~										
~~200~~	~~MATPSS~~	~~TEST~~			~~S~~										
200	MATPSS	~~TEST~~ S/U		1.0	P S		8602BK10 ~~WG-10~~	1		0.1	J-99	1		0.1	
~~210~~	~~MATPSS~~	~~TEST~~	~~1.00~~		~~T~~										
~~210~~	~~MATPSS~~	~~TEST~~			~~S~~										
210	MATPSS	~~TEST~~ S/U		1.0	P S		8602BK10 ~~WG-10~~	1		0.2	J-99	1		0.2	
~~220~~	~~MATPSS~~	~~TEST~~	~~1.00~~		~~T~~										
~~220~~	~~MATPSS~~	~~TEST~~			~~S~~										
220	MATPSS	TEST		1.0	P		8602BK10 ~~WG-10~~	1		0.1	J-99	1		0.1	

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OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 294

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 2 OF ___

ITEM CD PCN 12712A WCD TA996L WCDDATE 88124

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~230~~	~~MATPSS~~	~~TEST~~	~~1.00~~	.	~~T~~	.	.	.	.	.	.	.	.	.	
~~230~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.	.	.	.	.	.	.	.	.	
230	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG-10~~	1	.	0.3	J-99	1	.	0.3	
~~240~~	~~MATPSS~~	~~TEST~~	~~0.00~~	.	~~T~~	.	.	.	.	.	.	.	.	.	
~~240~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.	.	.	.	.	.	.	.	.	
240	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG-10~~	1	.	1.0	J-99	1	.	1.0	
~~245~~	~~MATPSS~~	~~TEST~~	~~0.00~~	.	~~T~~	.	.	.	.	.	.	.	.	.	
~~245~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.	.	.	.	.	.	.	.	.	
245	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG-10~~	1	.	0.1	J-99	1	.	0.1	
~~250~~	~~MATPSS~~	~~TEST~~	~~0.00~~	.	~~T~~	.	.	.	.	.	.	.	.	.	
~~250~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.	.	.	.	.	.	.	.	.	
250	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG-10~~	1	.	0.2	J-99	1	.	0.2	
~~260~~	~~MATPSS~~	~~TEST~~	~~0.00~~	.	~~T~~	.	.	.	.	.	.	.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 8 OF ___

ITEM CD PCN 12712A WCD TA996L WCDDATE 88124

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~260~~	~~MATPSS~~	~~TEST~~			~~S~~										
260	MATPSS	TEST		1.0	P		~~WG-10~~ 8602BK10	1		0.2	J-99	1		0.2	
~~270~~	~~MATPSS~~	~~TEST~~	~~0.00~~		~~T~~										
~~270~~	~~MATPSS~~	~~TEST~~			~~S~~										
270	MATPSS	TEST		1.0	P		~~WG-10~~ 8602BK10	1		0.2	J-99	1		0.2	
~~275~~	~~MATPSS~~	~~TEST~~			~~T~~										
~~275~~	~~MATPSS~~	~~TEST~~			~~S~~										
275	MATPSS	TEST		1.0	P		~~WG-10~~ 8602BK10	1		0.1	J-99	1		0.1	
~~280~~	~~MATPSS~~	~~TEST~~	~~0.00~~		~~T~~										
~~280~~	~~MATPSS~~	~~TEST~~			~~S~~										
280	MATPSS	TEST		1.0	P		~~WG-10~~ 8602BK10	1		1.0	J-99	1		1.0	
~~290~~	~~MATPSS~~	~~TEST~~	~~1.00~~		~~T~~										

SAS

OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 296

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 9 OF ___

ITEM CD PCN 12712A WCD TA996L WCDDATE 88124

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~280~~	~~MATPSS~~	~~TEST~~			~~S~~										
290	MATPSS	S/U ~~TEST~~		1.0 FS			8602BK10 ~~WC-10~~	1		0.5	J-99	1		0.5	
~~310~~	~~MATPSS~~	~~TEST~~	~~1.00~~		~~T~~										
~~310~~	~~MATPSS~~	~~TEST~~			~~S~~										
310	MATPSS	S/U ~~TEST~~		1.0 FS			8602BK10 ~~WC-10~~	1		0.1	J-99	1		0.1	
~~320~~	~~MATPSS~~	~~TEST~~	~~1.00~~		~~T~~										
~~320~~	~~MATPSS~~	~~TEST~~			~~S~~										
320	MATPSS	S/U ~~TEST~~		1.0 FS			8602BK10 ~~WC-10~~	1		0.1	J-99	1		0.1	
~~330~~	~~MATPSS~~	~~TEST~~	~~1.00~~		~~T~~										
~~330~~	~~MATPSS~~	~~TEST~~			~~S~~										
330	MATPSS	S/U ~~TEST~~		1.0 FS			8602BK10 ~~WC-10~~	1		0.2	J-99	1		0.2	
~~340~~	~~MATPSS~~	~~TEST~~	~~1.00~~		~~T~~										
~~340~~	~~MATPSS~~	~~TEST~~			~~S~~										

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 10 OF ___

ITEM CD PCN 12712A WCD TA996L WCDDATE 88124

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
340	MATPSS	S/U ~~TEST~~	.	1.0	F S	.	8602BK10 ~~WG=10~~	1	.	0.1	J-99	1	.	0.1	
~~350~~	~~MATPSS~~	~~TEST~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~350~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
350	MATPSS	S/U ~~TEST~~	.	1.0	F S	.	8602BK10 ~~WG=10~~	1	.	0.1	J-99	1	.	0.1	
~~360~~	~~MATPSS~~	~~TEST~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~360~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
360	MATPSS	S/U ~~TEST~~	.	1.0	F S	.	8602BK10 ~~WG=10~~	1	.	0.1	J-99	1	.	0.1	
~~370~~	~~MATPSS~~	~~TEST~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~370~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
370	MATPSS	S/U ~~TEST~~	.	1.0	F S	.	8602BK10 ~~WG=10~~	1	.	0.1	J-99	1	.	0.1	
~~380~~	~~MATPSS~~	~~TEST~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~380~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 12 OF ___

ITEM CD PCN 12712A WCD TA996L WCDDATE 88124

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
380	MATPSS	~~TEST~~ S/O	.	1.0	P S	. .	~~WG-10~~ 8602BK10	1	.	0.1	J-99	1	.	0.1	
~~390~~	~~MATPSS~~	~~TEST~~	~~. .~~	~~S~~		.			.	.			.	.	
390	MATPSS	~~TEST~~ S/U	.	1.0	P S	.	~~WG-10~~ 8602BK10	1	.	0.1	J-99	1	.	0.1	
~~400~~	~~MATPSS~~	~~TEST 1.00 . T~~				.			.	.			.	.	
~~400~~	~~MATPSS~~	~~TEST . . S~~				.			.	.			.	.	
400	MATPSS	TEST	.	1.0	P	.	~~WG-10~~ 8602BK10	1	.	0.2	J-99	1	.	0.2	
~~410~~	~~MATPSS~~	~~TEST 0.00 . T~~				.			.	.			.	.	
~~410~~	~~MATPSS~~	~~TEST . . S~~				.			.	.			.	.	
410	MATPSS	TEST	.	1.0	P	.	~~WG-10~~ 8602BK10	1	.	0.3	J-99	1	.	0.3	
420	MATPSS	MOVE ~~TEST~~	1.00	1.0	T	.	8602BK05	1.0	.	.3			.	.	
~~420~~	~~MATPSS~~	~~TEST . . S~~				.			.	.			.	.	
~~420~~	~~MATPSS~~	~~TEST . 1.0 P T~~				.	~~WG-10~~	1		0.2			.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 12 OF ___

ITEM CD PCN 12712A WCD TA996L WCDDATE 88124

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~430~~	~~MATPSS~~	ASSY	0.98	.	T	.		.	.	.		.	.	.	
~~430~~	~~MATPSS~~	ASSY	.	.	S	.		.	.	.		.	.	.	
430	MATPSS	ASSY	.	1.0	P	.	8602BC09	1	.	1.0		.	.	.	
440	MATPSS	~~ASSY~~ MOVE	0.98	1.0	T	.	8602BC09	1	.	.3		.	.	.	
~~440~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
~~440~~	~~MATPUO~~	~~ASSY~~	.	.	~~T~~	.	~~8602BC09~~	~~1~~	~~.~~	~~.3~~		.	.	.	
~~445~~	~~PMMI~~	~~PAIN~~	~~0.94~~	~~/~~	~~T~~	.		.	.	.		.	.	.	
~~445~~	~~PMMI~~	~~PAIN~~	.	.	~~S~~	.		.	.	.		.	.	.	
445	~~PMMI~~ MATPMM	PAIN	.	1.0	P	24.0		.	.	.		.	.	.	
~~450~~	~~PMMI~~	~~PAIN~~	~~1.00~~	.	~~T~~	.		.	.	.		.	.	.	
~~450~~	~~PMMI~~	~~PAIN~~	.	.	~~S~~	.		.	.	.		.	.	.	
450	~~PMMI~~ MATPMM	PAIN	.	1.0	P	24.0		.	.	.		.	.	.	

Paint Shop
Flow time
2 work days
= 48 hr Total

SAS

8:18 TUESDAY, MARCH 28, 1989 300

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 13 OF ___

ITEM C' ' 12712A WCD :A996L WCDDATE 88124

OPER NUMB	..C	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
460	~~PHMI~~ MATPSS	~~PAIN~~	0.96	1.0	T		8602BC09	1	.	.3		.	.	.	
~~460~~	~~PHMI~~	~~PAIN~~	.	.	~~S~~			.	.	.		.	.	.	
~~460~~	~~PHMI~~	~~PAIN~~	.	.	~~P~~			.	.	.		.	.	.	
~~470~~	~~MATPSS~~	~~ASSY~~	~~0.96~~	.	~~T~~			.	.	.		.	.	.	
~~470~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~			.	.	.		.	.	.	
470	MATPSS	ASSY	.	1.0	P		8602BC09 [illegible]	1	.	0.5		.	.	.	

FLOW PROCESS CHART

SUBJECT F16 ADG TEST DATE 5-29-89

ITEM CODE
PCN ■
NSN □
P/N □

WCD TA996L WCD DATE 88124

CHART BEGINS 10

CHART ENDS 470 PREPARED BY

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
10	10	●▷D□▽	S/U	280	280	●▷D□▽	TEST
20	20	●▷D□▽	S/U	290	290	●▷D□▽	S/U
30	30	●▷D□▽	S/U	310	310	●▷D□▽	S/U
40	40	●▷D□▽	S/U	320	320	●▷D□▽	S/U
50	50	●▷D□▽	S/U	330	330	●▷D□▽	S/U
60	60	●▷D□▽	S/U	340	340	●▷D□▽	S/U
70	70	●▷D□▽	S/U	350	350	●▷D□▽	S/U
75	75	●▷D□▽	S/U	360	360	●▷D□▽	S/U
80	80	●▷D□▽	S/U	370	370	●▷D□▽	S/U
90	90	●▷D□▽	S/U	380	380	●▷D□▽	S/U
100	100	●▷D□▽	S/U	390	390	●▷D□▽	S/U
110	110	●▷D□▽	S/U	400	400	●▷D□▽	S/U
120	120	●▷D□▽	S/U	410	410	●▷D□▽	S/U
130	130	●▷D□▽	S/U	420	420	○▶D□▽	MOVE
135	135	●▷D□▽	S/U	430	430	●▷D□▽	ASSY
140	140	●▷D□▽	S/U	440	440	○▶D□▽	MOVE
145	145	●▷D□▽	S/U	445	445	●▷D□▽	PRIME B/S
150	150	●▷D□▽	S/U	450	450	●▷D□▽	PAINT B/S
160	160	●▷D□▽	S/U	460	460	○▶D□▽	MOVE
170	170	●▷D□▽	S/U	470	470	●▷D□▽	ASSY
180	180	●▷D□▽	S/U			○▷D□▽	
190	190	●▷D□▽	S/U			○▷D□▽	
200	200	●▷D□▽	S/U			○▷D□▽	
210	210	●▷D□▽	S/U			○▷D□▽	
220	220	●▷D□▽	TEST			○▷D□▽	
230	230	●▷D□▽	TEST			○▷D□▽	
240	240	●▷D□▽	TEST			○▷D□▽	
245	245	●▷D□▽	TEST			○▷D□▽	
250	250	●▷D□▽	TEST			○▷D□▽	
260	260	●▷D□▽	TEST			○▷D□▽	
270	270	●▷D□▽	TEST			○▷D□▽	
275	275	●▷D□▽	TEST			○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

▷ TRANSPORTATION D DELAY

LSC-20147

NAME:HOLM ALC: SA RCC:MATPSS
PCN: 13096A WCD: TA101U WCDDATE:89103

OP #	RCC	OP DESC	OCCU FAC	OP TYPE	MAND %	FLOW HRS	SKIL CODE	QTY	TIME %	REQ HRS	EQUIP CODE	QTY	TIME %	REQ HRS
15	MATPSS	MOVE	1.0	T		.25		1		.25				
20	MATPSS	PREP	1.0	S			8602BC09	1		.10				
21	MATPSS	VIS	1.0	P			8602BC09	1		.05				
22	MATPSS	VIS	1.0	P			8602BC09	1		.05				
23	MATPSS	VIS	1.0	P			8602BC09	1		.05				
24	MATPSS	VIS	1.0	P			8602BC09	1		.05				
25	MATPSS	VIS	1.0	P			8602BC09	1		.05				
26	MATPSS	VIS	1.0	P			8602BC09	1		.05				
27	MATPSS	VIS	1.0	P			8602BC09	1		.05				
28	MATPSS	VIS	1.0	P			8602BC09	1		.05				
29	MATPSS	VIS	1.0	P			8602BC09	1		.05				
30	MATPSS	VIS	1.0	P			8602BC09	1		.05				
31	MATPSS	VIS	1.0	P			8602BC09	1		.05				
32	MATPSS	VIS	1.0	P			8602BC09	1		.05				
33	MATPSS	VIS	1.0	P			8602BC09	1		.05				
34	MATPSS	VIS	1.0	P			8602BC09	1		.05				

NAME:HOLM ALC: SA RCC:MATPSS

PCN: 13096A WCD: TA101U WCDDATE:89103

OP #	RCC	OP DESC	OCCU FAC	OP TYPE	MAND %	FLOW HRS	SKIL CODE	QTY	TIME %	REQ HRS	EQUIP CODE	QTY	TIME %	REQ HRS
15	B	MOVE	1.0	T		.25		1		.25				
20	MATPSS	PREP	1.0	S			8602BC09	1		.10	M-WB11	1		.10
21	MATPSS	INSP	1.0	P			8602BC09	1		.05	M-WB11	1		.05
22	MATPSS	INSP	1.0	P			8602BC09	1		.05	M-WB11	1		.05
23	MATPSS	INSP	1.0	P			8602BC09	1		.05	M-WB11	1		.05
24	MATPSS	INSP	1.0	P			8602BC09	1		.05	M-WB11	1		.05
25	MATPSS	INSP	1.0	P			8602BC09	1		.05	M-WB11	1		.05
26	MATPSS	INSP	1.0	P			8602BC09	1		.05	M-WB11	1		.05
27	MATPSS	INSP	1.0	P			8602BC09	1		.05	M-WB11	1		.05
28	MATPSS	INSP	1.0	P			8602BC09	1		.05	M-WB11	1		.05
29	MATPSS	INSP	1.0	P			8602BC09	1		.05	M-WB11	1		.05
30	MATPSS	INSP	1.0	P			8602BC09	1		.05	M-WB11	1		.05
31	MATPSS	INSP	1.0	P			8602BC09	1		.05	M-WB11	1		.05
32	MATPSS	INSP	1.0	P			8602BC09	1		.05	M-WB11	1		.05
33	MATPSS	INSP	1.0	P			8602BC09	1		.05	M-WB11	1		.05
34	MATPSS	INSP	1.0	P			8602BC09	1		.05	M-WB11	1		.05

FLOW PROCESS CHART

SUBJECT F16-JFS Visual Inspection DATE 5-23-89

ITEM CODE
PCN ●
NSN ☐
P/N ☐ 13096A

WCD T.A101U WCD DATE 89103

CHART BEGINS 15

CHART ENDS 34 PREPARED BY AP Holm

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
15	15	○▶D□▽	MOVE			○▷D□▽	
20	20	●▷D□▽	PREP			○▷D□▽	
21	21	○▷D■▽	INSP			○▷D□▽	
22	22	○▷D■▽	INSP			○▷D□▽	
23	23	○▷D■▽	INSP			○▷D□▽	
24	24	○▷D■▽	INSP			○▷D□▽	
25	25	○▷D■▽	INSP			○▷D□▽	
26	26	○▷D■▽	INSP			○▷D□▽	
27	27	○▷D■▽	INSP			○▷D□▽	
28	28	○▷D■▽	INSP			○▷D□▽	
29	29	○▷D■▽	INSP			○▷D□▽	
30	30	○▷D■▽	INSP			○▷D□▽	
31	31	○▷D■▽	INSP			○▷D□▽	
32	32	○▷D■▽	INSP			○▷D□▽	
33	33	○▷D■▽	INSP			○▷D□▽	
34	34	○▷D■▽	INSP			○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

▷ TRANSPORTATION D DELAY

LSC-20147

F/L JFS Rotor Shaft Assy

F ✓

SAS

8:18 TUESDAY, MARCH 28, 1989 374

OPERATION PROFILE

NAME A P Holm ALC SA ✓ DATE 4-20-89 RCC MATPSS ✓ SHEET 1 OF 2

ITEM CD PCN 13096A ✓ WCD TA026Q ✓ WCDDATE 88781 ✓

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~10~~	~~MATPSI~~				~~T~~										
~~10~~	~~MATPSI~~				~~S~~										
10	MATPSI				P										
~~20~~	~~MATPSI~~				~~T~~										
~~20~~	~~MATPSI~~				~~S~~										
20	MATPSI				P										
~~30~~	~~MATPSI~~				~~T~~										
~~30~~	~~MATPSI~~				~~S~~										
30	MATPSI				P										
~~40~~	~~MATPSS~~	BAL			~~T~~										
~~40~~	~~MATPSS~~	BAL			~~S~~										
40	MATPSS	BAL		1.0	P		~~WG-8~~ Z60Q BC09	1		~~2.0~~	M-13 ✓	1		2.0	
40	MATPSS	BAL			P						M-3 ✓	1		~~2.0~~ 2.5	
40	MATPSS	BAL			P						M-19	1		2.0	

Joe Suarez
Mechanic
TO 2JA3-57-

SAS 8:18 TUESDAY, MARCH 28, 1989 375

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 2 OF 2

ITEM CD PCN 13096A WCD TA026Q WCDDATE 88281

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
											M15			2.0	
40	MATPSS	BAL			P						~~M11~~	1		~~2.5~~	
40	MATPSS	BAL			P						M27	1		.5	
												1		2.0	

FLOW PROCESS CHART

SUBJECT F/A IFS Rotor Shaft Assy DATE 5-23-89

ITEM CODE
PCN ■
NSN □
P/N □ 13096A

WCI: IA026Q WCD DATE 88281

CHART BEGINS 10

CHART ENDS 40 PREPARED BY

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
10	10	○▷D■▽	INSP			○▷D□▽	
20	20	○▷D■▽	INSP			○▷D□▽	
30	30	○▷D■▽	INSP			○▷D□▽	
40	90	●▷D□▽	BAL			○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽

F16-I S Rotor Assy

F

SAS

OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 378

NAME APHolm ALC SA DATE 4-20-89 RCC MATPSS SHEET 1 OF 4

ITEM CD PCN 13096A WCD TA031Q WCDDATE 88278

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS
~~10~~	~~MATPSS~~	~~ASSY~~	.	.	~~T~~	.		.	.	.		.	.	.
~~10~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.
✓10	MATPSS	ASSY	.	1.0	P	.	~~MG-6~~ 86628C09	1	.	✓4.0	M-14 ✓	1	.	3.0
10	MATPSS	ASSY	.	.	P	.		.	.	.	M-15 ✓	1	.	3.0
10	MATPSS	ASSY	.	.	P	.		.	.	.	M-16 ✓	1	.	0.2
10	MATPSS	ASSY	.	.	P	.		.	.	.	M-17 ✓	1	.	0.2
10	MATPSS	ASSY	.	.	P	.		.	.	.	M-18 ✓	1	.	0.3
10	MATPSS	ASSY			P						X-5	1		3.0
10	MATPSS	ASSY	.	.	P	.		.	.	.	M-3 ✓	1	.	0.3
10	MATPSS	ASSY			P						X-7	1		1.0
~~20~~	~~MATPSS~~	~~ASSY~~	.	.	~~T~~	.		.	.	.		.	.	.
~~20~~	~~MATPSS~~	~~ASSY~~	.	.	~~C~~	.		.	.	.		.	.	.
✓20	MATPSS	ASSY	.	1.0	P	.	~~MG-6~~ 86628C09	1	.	✓0.1	M-15	1	.	0.1
20	MATPSS	ASSY	.	.	P	.		.	.	.	M-3	1	.	0.1
~~25~~	~~MATPSS~~	~~ASSY~~	.	.	~~T~~	.		.	.	.		.	.	.

NOTES

Joe Suarez
Mechanic WG 09
New WCD
TA130U dated 8908

Heat + N_2

- Drops done in Pit (46.8 m)

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 2 OF 4

ITEM CD PCN 13096A WCD TA031Q WCDDATE 88278

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~25~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
✓25	MATPSS	ASSY	.	1.0	P	.	~~HS-8~~ 8602BC09	1	.	✓0.3	M-17 ~~M-19~~	1	.	0.3	
25	MATPSS	ASSY	.	.	P	.		.	.	.	M-3	1	.	0.3	
~~28~~	~~MATPSI~~		.		~~S~~	.		.	.	.		.	.	.	
28	MATPSI		.	1.0	S	.		1	.	.3		.	.	.3	
28	MATPSI		.	1.0	P	.		1	.	.1		.	.	.1	
~~30~~	~~MATPSS~~	~~ASSY~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~30~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
✓30	MATPSS	ASSY	.	1.0	P	.	~~HS-8~~ 8602 BC09	1	.	2.0 ~~2.0~~	M-19 ✓	1	.	1.0	
30	MATPSS	ASSY	.	.	P	.		.	.	.	M-13 ✓	1	.	0.5	
~~30~~	~~MATPSS~~	~~ASSY~~	~~.~~	~~.~~	~~P~~	.		.	.	.	~~M-19~~	~~1~~	.	~~2.0~~	
~~30~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~M-3~~	~~1~~	.	~~2.0~~	

SAS

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS

ITEM CD PCN 13098A WCD TA031Q WCDDATE 88278

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~30~~	~~MATPSS~~	~~ASSY~~			~~T~~										
~~40~~	~~MATPSS~~	~~ASSY~~			~~S~~										
✓ 40	MATPSS	ASSY		1.0	P		~~WG-8~~ 8602BC09	1		~~2.0~~ 1.5	M-3 ✓	1		~~2.0~~ 1.5	
40	MATPSS	ASSY			P						~~M-3~~ X-5	1		~~0.5~~ 1.5	
40	MATPSS	ASSY			P						M-15 ✓	1		~~2.0~~ 1.5	
✓ ~~50~~	~~MATPSI~~				~~T~~										
50	MATPSI			1.0	S			1		.3				.3	
50	MATPSI			1.0	P			1		.15				.15	
~~70~~	~~MATPSS~~	~~BAL~~			~~T~~										
~~70~~	~~MATPSS~~	~~BAL~~			~~S~~										
✓ 70	MATPSS	BAL		1.0	P		~~WG-8~~ 8602BC09	1		~~2.0~~ 1.5	M-19 ✓	1		0.5	
70	MATPSS	BAL			P						M-13 ✓	1		1.0	
70	MATPSS	BAL			P						M-21 ✓	1		0.5	

SAS

OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 381

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 4 OF 4

ITEM CD PCN 13096A WCD TA031Q WCDDATE 88278

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~70~~	~~MATPSC~~	~~BAL~~			~~S~~						~~M-80~~	~~1~~		~~4.0~~	
~~70~~	~~MATPSS~~	~~BAL~~			~~Same~~						~~SM-8~~	~~1~~		~~4.0~~	
~~80~~	~~MATPSI~~				~~T~~										
80	MATPSI				S			1		.3					
80	MATPSI		1,0		P			1		.2					
~~80~~	~~MATPSC~~	~~ASSY~~			~~T~~										
~~80~~	~~MATPSS~~	~~ASSY~~			~~S~~										
80	MATPSS	ASSY		1,0	P		~~MC-8~~ 86028C09	1		~~.3~~ .3 M+3		1		~~.3~~	
~~80~~	~~MATPSC~~	~~ASSY~~			~~T~~					~~M-8~~		~~1~~			

FLOW PROCESS CHART

SUBJECT F16 IFS Comp Rotor/Shaft Assy DATE 5-23-89

ITEM CODE
PCN ■
NSN □
P/N □

WCD TA031Q WCD DATE 88278

13096A

CHART BEGINS 10

CHART ENDS 90 PREPARED BY

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
10	10	●◇D□▽	ASSY			○◇D□▽	
20	20	●◇D□▽	ASSY			○◇D□▽	
25	25	●◇D□▽	ASSY			○◇D□▽	
28	28	○◇D■▽	INSP			○◇D□▽	
30	30	●◇D□▽	BAL			○◇D□▽	
40	40	●◇D□▽	ASSY			○◇D□▽	
50	50	○◇D■▽	INSP			○◇D□▽	
70	70	●◇D□▽	BAL			○◇D□▽	
80	80	○◇D■▽	INSP			○◇D□▽	
90	90	●◇D□▽	ASSY			○◇D□▽	
		○◇D□▽				○◇D□▽	
		○◇D□▽				○◇D□▽	
		○◇D□▽				○◇D□▽	
		○◇D□▽				○◇D□▽	
		○◇D□▽				○◇D□▽	
		○◇D□▽				○◇D□▽	
		○◇D□▽				○◇D□▽	
		○◇D□▽				○◇D□▽	
		○◇D□▽				○◇D□▽	
		○◇D□▽				○◇D□▽	
		○◇D□▽				○◇D□▽	
		○◇D□▽				○◇D□▽	
		○◇D□▽				○◇D□▽	
		○◇D□▽				○◇D□▽	
		○◇D□▽				○◇D□▽	
		○◇D□▽				○◇D□▽	
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		○◇D□▽				○◇D□▽	
		○◇D□▽				○◇D□▽	
		○◇D□▽				○◇D□▽	
		○◇D□▽				○◇D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

◇ TRANSPORTATION D DELAY

LSC-20147

F16 FS Turbine Assy

F

SAS

OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 382

NAME ~~AP~~ Holm ALC SA DATE 4-19-89 RCC MATPSS SHEET 1 OF 3

ITEM CD PCN 13096A WCD TA032Q ✓ WCDDATE 88157 ✓

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~10~~	~~MATPSS~~	~~ASSY~~			~~T~~										
~~10~~	~~MATPSS~~	~~ASSY~~			~~S~~										
✓ 10	MATPSS	ASSY	.	1.6	P	.	~~NONE~~ 86028C09	1	.	4.0	M-3 M28 M-4 M-29 M-5 M-30 M-15 M-31 M-23 M-32 M-24 M-33 M-25 M-34 X-5 X-6	1	.	4.0	
~~20~~	~~MATPSS~~	~~INSP~~			~~T~~										
~~20~~	~~MATPSS~~	~~INSP~~			~~S~~										
✓ 20	MATPSS	INSP	.	1.0	P	.	86028C09 ~~NONE~~	1	.	0.2	M-15 ✓	1	.	0.2	
~~40~~	~~MATPSS~~	~~INSP~~			~~T~~										
~~40~~	~~MATPSS~~	~~INSP~~			~~S~~										
✓ 40	MATPSS	INSP	.	1.0	P	.	~~NONE~~ 86028C09	1	.	0.1	M-23 ✓	1	.	~~0.0~~ .1	
40	MATPSS	INSP	.	.	P	.			.	.	M-13 ~~M-23~~	1	.	~~0.1~~	
~~50~~	~~MATPSS~~	~~PREP~~			~~T~~										
~~50~~	~~MATPSS~~	~~PREP~~			~~S~~										
✓ 50	MATPSS	PREP	.	1.0	P	.	~~NONE~~ 86028C09	1	.	0.1	M-23 ✓	1	.	~~0.0~~ .1	

See attached sheets for changes

Juan Martinez Mechanic

T.O. 2J-A3-57-3

Replaced By WCD TA131U Dated 89089

OPERATIO PROFILE

NAME AP Holm ALC SA DATE 5-23-89 RCC MATPSS SHEET 1 OF

PCN NSN P/N 13096A WCD TA032Q WCD DATE 88157

OPERATION NUMBER	RCC	OPERATION DESCRIPTION	MANDATORY OCCURRENCE FACTOR	OPERATION TYPE	MANDATORY FLOW HOURS %	MANDATORY FLOW HOURS HRS.	MANPOWER SKILL CODE/ LEVEL	MANPOWER QTY.	MANPOWER TIME REQUIRED %	MANPOWER TIME REQUIRED HRS.	EQUIPMENT CODE	EQUIPMENT QTY.	EQUIPMENT TIME REQUIRED %	EQUIPMENT TIME REQUIRED HRS.	DATA SOURCE COMMENTS
10	MAT PSS	ASSY	1.0	TRANSF P			8602 BC09	1		4.0	M-3	1		4.0	
10	MAT PSS	ASSY		SETUP P							M-4	1		4.0	
10	MAT PSS	ASSY		PROCESS							M-5	1		4.0	
10	MAT PSS	ASSY		TRANSF P							M-15	1		4.0	
10	MAT PSS	ASSY		SETUP P							M-23	1		4.0	
10	MAT PSS	ASSY		PROCESS							M-24	1		4.0	
10	MAT PSS	ASSY		TRANSF P							M-25	1		4.0	
10	MAT PSS	ASSY		SETUP P							M-28	1		4.0	
10	MAT PSS	ASSY		PROCESS							M-29	1		4.0	
10	MAT PSS	ASSY		TRANSF P							M-30	1		4.0	
10	MAT PSS	ASSY		SETUP P							M-31	1		4.0	
10	MAT PSS	ASSY		PROCESS							M-32	1		4.0	
10	MAT PSS	ASSY		TRANSF P							M-33	1		4.0	
10	MAT PSS	ASSY		SETUP P							M-34	1		4.0	
10	MAT PSS	ASSY		PROCESS							X-5	1		4.0	

OPERATIO. PROFILE

NAME AP Holm ALC SA DATE 5-23-89 RCC MATPSS SHEET 2 OF

PCN NSN P/N 13096A WCD TA032Q WCD DATE 88157

OPERATION NUMBER	RCC	OPERATION DESCRIPTION	MANDATORY OCCURRENCE FACTOR	OPERATION TYPE	MANDATORY FLOW HOURS %	MANDATORY FLOW HOURS HRS.	MANPOWER SKILL CODE/ LEVEL	MANPOWER QTY.	MANPOWER TIME REQUIRED %	MANPOWER TIME REQUIRED HRS.	EQUIPMENT EQUIPMENT CODE	EQUIPMENT QTY.	EQUIPMENT TIME REQUIRED %	EQUIPMENT TIME REQUIRED HRS.	DATA SOURCE COMMENTS
10	MAT PSS	ASSY		~~TRANSIT~~											
				~~SETUP~~											
				PROCESS							X-6	1		4,0	
				TRANSIT											
				SETUP											
				PROCESS											
				TRANSIT											
				SETUP											
				PROCESS											
				TRANSIT											
				SETUP											
				PROCESS											
				TRANSIT											
				SETUP											
				PROCESS											

LSC-2(X)92C

SAS

8:18 TUESDAY, MARCH 28, 1989 383

OPERATION PROFILE

NAME APH ALC SA DATE 4-19-89 RCC MATPSS SHEET 2 OF 3

ITEM CD PCN 13096A WCD TA032Q WCDDATE 88157

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
50	MATPSS	PREP	.	.	P	.		.	.	.	M-15 ✓	1	.	0.1	
~~60~~	~~MATPSS~~	~~PREP~~	~~.~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~60~~	~~MATPSS~~	~~PREP~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
60	MATPSS	PREP	.	1.0	P	.	~~MG 0~~ 8602BC09	1	.	0.1	M-25 ✓	1	.	~~0.0~~ .1	
80	MATPSS	PREP	.	.	P	.		.	.	.	M-15 ✓	1	.	0.1	
~~70~~	~~MATPSS~~	~~PREP~~	~~.~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~70~~	~~MATPSS~~	~~PREP~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
70	MATPSS	PREP	.	1.0	P	.	8602BC09 ~~MG 0~~	1	.	0.1	M-3 ✓	1	.	~~0.0~~ .1	
70	MATPSS	PREP	.	.	P	.		.	.	.	M-15 ✓	1	.	0.1	
~~80~~	~~MATPSS~~	~~PREP~~	~~.~~	~~.~~	~~T~~	.		.	.	.		.	.	.	
~~80~~	~~MATPSS~~	~~PREP~~	~~.~~	~~.~~	~~S~~	.		.	.	.		.	.	.	
80	MATPSS	PREP	.	1.0	P	.	~~MG 0~~ 8602BC09	1	.	0.1	M-24 ✓	1	.	~~0.0~~ .1	

SAS

OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 384

NAME APH ALC SA DATE 4-19-89 RCC MATPSS SHEET 3 OF 3

ITEM CD PCN 13096A WCD TA032Q WCDDATE 88157

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
80	MATPSS	PREP	.	.	P	.		.	.	.	M-15 ✓	1	.	0.1	
~~90~~	~~MATPSS~~	~~PREP~~			~~T~~	.		.	.	.		.	.	.	
~~90~~	~~MATPSS~~	~~PREP~~			~~S~~	.		.	.	.		.	.	.	
90	MATPSS	PREP	.	1.0	P	.	~~MG-8~~ 86028C09	1	.	0.1	M-26 ✓	1	.	0.0	
90	MATPSS	PREP	.	.	P	.		.	.	.	M-15 ✓	1	.	0.1	
~~100~~	~~MATPSS~~	~~PREP~~			~~T~~	.		.	.	.		.	.	.	
~~100~~	~~MATPSS~~	~~PREP~~			~~S~~	.		.	.	.		.	.	.	
100	MATPSS	PREP	.	1.0	P	.	~~MG-8~~ 86028C09	1	.	0.2	M-25 ✓	1	.	0.2	
100	MATPSS	PREP	.	.	P	.		.	.	.	M-15 ✓	1	.	0.2	

FLOW PROCESS CHART

SUBJECT F16 JFS TURBINE ASSY DATE 5-23-89

ITEM CODE
PCN ■
NSN □ · 13096A
P/N □

WCD TA032Q WCD DATE 88157

CHART BEGINS 10

CHART ENDS 100 PREPARED BY A.P. Holm

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
10	10	●▷D□▽	ASSY			○▷D□▽	
20	20	○▷D■▽	INSP			○▷D□▽	
40	40	○▷D■▽	INSP			○▷D□▽	
50	50	●▷D□▽	PREP			○▷D□▽	
60	60	●▷D□▽	PREP			○▷D□▽	
70	70	●▷D□▽	PREP			○▷D□▽	
80	80	●▷D□▽	PREP			○▷D□▽	
90	90	●▷D□▽	PREP			○▷D□▽	
100	100	●▷D□▽	PREP			○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

▷ TRANSPORTATION D DELAY

LSC-20147

FIG 1F Power Section Assy

F

SAS

OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 385

NAME AP Holm ALC SA DATE 4-19-89 RCC MATPSS SHEET 1 OF 2

ITEM CD PCN 13086A WCD TA033Q ✓ WCDDATE 88155 ✓

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS
~~10~~	~~MATPSS~~	~~ASSY~~	~~1.00~~	.	~~T~~									
~~10~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~									
10	MATPSS	ASSY	.	1.0	P		~~WQ-B~~ 8602BC09	1	.	3.5	M-22 ✓	1	.	0.5
10	MATPSS	ASSY	.	.	P						M-1 ✓	1	.	0.2
10	MATPSS	ASSY	.	.	P						M-2 ✓	1	.	0.1
10	MATPSS	ASSY	.	.	P						M-15 ✓	1	.	3.5
~~10~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~						~~M-8~~	~~1~~	.	~~0.5~~
~~20~~	~~MATPSS~~	~~ASSY~~	1.00		~~T~~									
~~20~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~									
20	MATPSS	ASSY	.	1.0	P		~~WQ-B~~ 8602BC09	1	.	0.3	M-15	1	.	0.3
~~20~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~						~~M-8~~	~~1~~	.	~~0.5~~
~~30~~	~~MATPSS~~	~~PREP~~	~~1.00~~	.	~~T~~									
~~30~~	~~MATPSS~~	~~PREP~~	.	.	~~S~~									

NOTES T.O. 2JA3-57-3
Jack Martinez = "Marty"

Replaced By WCD TA132U Dated 89089

SAS

8:18 TUESDAY, MARCH 28, 1989 386

OPERATION PROFILE

NAME AP Holm ALC SA DATE _____ RCC MATPSS SHEET 2 OF 2

ITEM CD PCN 13096A WCD TA033Q WCDDATE 88155

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
30	MATPSS	PREP	.	1.0	P	.	8602 09	1	.	.1 0.0	M-15	1	.	.1 0.0	
~~30~~	~~MATPSS~~	~~PREP~~	.	.	~~P~~	.			.	.	~~M-15~~	~~1~~	.	~~0.0~~	
~~40~~	~~MATPSS~~	~~MOVE~~	~~0.0~~	.	~~P~~	.			.	.			.	.	
~~40~~	~~MATPSS~~	~~MOVE~~	.	.	~~P~~	.			.	.			.	.	
40	MATPSS	MOVE	.	1.0	P	.	86028809	1	.	0.1	M-15	1	.	0.1	
~~40~~	~~MATPSS~~	MOVE	.	.	~~P~~	.			.	.	~~M-15~~	~~1~~	.	~~0.1~~	

FLOW PROCESS CHART

SUBJECT F/6 JFS Power Section Assy DATE 5-23-89

ITEM CODE
PCN
RSN
P/N 13096A

WCD TA033Q WCD DATE 88155

CHART BEGINS 10

CHART ENDS 40 PREPARED BY A.P Holm

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
10	10	●▷D□▽	ASSY			○▷D□▽	
20	20	●▷D□▽	ASSY			○▷D□▽	
30	30	●▷D□▽	PREP			○▷D□▽	
40	40	○●D□▽	MOVE			○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽

F/16 JF Power Section / Test Performance

SAS

OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 387

NAME DP Holm ALC SA DATE 4-20-89 RCC MATPSS SHEET 1 OF ___

ITEM CD PCN 13096A WCD TA034Q ✓ WCDDATE 88134 ✓

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS
5 ~~10~~	MATPSS	PREP	1.00	1.0	T		8602 BK05	1.		.3				
~~10~~	~~MATPSS~~	~~PREP~~			~~S~~									
10	MATPSS	PREP		1.0	P		~~8602 BK05~~ 8602 EK10	1		0.2	~~M-35~~	1		0.2
~~10~~	~~MATPSS~~	~~PREP~~			~~P~~						~~H-2~~	~~1~~		~~0.2~~
~~10~~	~~MATPSS~~	~~PREP~~			~~P~~						~~H-3~~	~~1~~		~~0.2~~
~~10~~	~~MATPSS~~	~~PREP~~			~~P~~						~~H-4~~	~~1~~		~~0.2~~
~~10~~	~~MATPSS~~	~~PREP~~			~~P~~						~~H-5~~	~~1~~		~~0.2~~
~~10~~	~~MATPSS~~	~~PREP~~			~~P~~						~~H-6~~	~~1~~		~~0.2~~
~~10~~	~~MATPSS~~	~~PREP~~			~~P~~						~~H-7~~	~~1~~		~~0.2~~
~~10~~	~~MATPSS~~	~~PREP~~			~~P~~						~~H-8~~	~~1~~		~~0.2~~
~~10~~	~~MATPSS~~	~~PREP~~			~~P~~						~~H-9~~	~~1~~		~~0.2~~
~~10~~	~~MATPSS~~	~~PREP~~			~~P~~						~~H-10~~	~~1~~		~~0.2~~
~~10~~	~~MATPSS~~	~~PREP~~			~~P~~						~~H-11~~	~~1~~		~~0.2~~

NOTES Fred Vasquez Tester
Transfers with Electric Cart

~~ST 93/5~~
~~Test Stand~~
~~for Final Station~~

SAS

8:18 TUESDAY, MARCH 28, 1989 388

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 2 OF ___

ITEM CD PCN 13096A WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
10	MATPSS	PREP			P						K=1	1		0.2	
10	MATPSS	PREP			P						K=2	1		0.2	
10	MATPSS	PREP			P						K=3	1		0.2	
10	MATPSS	PREP			P						K=4	1		0.2	
10	MATPSS	PREP			P						K=5	1		0.2	
10	MATPSS	PREP			P						K=6	1		0.2	
10	MATPSS	PREP			P						K=7	1		0.2	
10	MATPSS	PREP			P						K=8	1		0.2	
10	MATPSS	PREP			P						K=11	1		0.2	
10	MATPSS	PREP			P						K=12	1		0.2	
10	MATPSS	PREP			P						K=13	1		0.2	
10	MATPSS	PREP			P						K=14	1		0.2	

SAS

8:18 TUESDAY, MARCH 28, 1989 389

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 3 OF ___

ITEM CD PCN 13096A WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~10~~	~~MATPSS~~	~~PREP~~			~~P~~						~~K-17~~	~~1~~		~~0.2~~	
~~10~~	~~MATPSS~~	~~PREP~~			~~P~~						~~K-18~~	~~1~~		~~0.2~~	
~~10~~	~~MATPSS~~	~~PREP~~			~~P~~						~~K-19~~	~~1~~		~~0.2~~	
~~10~~	~~MATPSS~~	~~PREP~~			~~P~~						~~K-20~~	~~1~~		~~0.2~~	
~~10~~	~~MATPSS~~	~~PREP~~			~~P~~						~~K-21~~	~~1~~		~~0.2~~	
~~10~~	~~MATPSS~~	~~PREP~~			~~P~~						~~K-23~~	~~1~~		~~0.2~~	
~~10~~	~~MATPSS~~	~~PREP~~			~~P~~						~~K-24~~	~~1~~		~~0.2~~	
~~20~~	~~MATPSS~~	~~PREP~~	~~1.00~~		~~T~~										
~~20~~	~~MATPSS~~	~~PREP~~			~~S~~										
20	MATPSS	PREP		1.0	P		~~M8-60~~ 8603BK10	1		0.1	~~M-35~~ M-3	1		0.1	
~~20~~	~~MATPSS~~	~~PREP~~			~~P~~						~~M-2~~	~~1~~		~~0.1~~	
~~20~~	~~MATPSS~~	~~PREP~~			~~P~~						~~M-3~~	~~1~~		~~0.1~~	
~~20~~	~~MATPSS~~	~~PREP~~			~~P~~						~~M-4~~	~~1~~		~~0.1~~	

SAS

8:18 TUESDAY, MARCH 28, 1989 390

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 4 OF ___

ITEM CD PCN 13096A WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
20	MATPSS	PREP			P						H-5	1		0.1	
20	MATPSS	PREP			P						H-6	1		0.1	
20	MATPSS	PREP			P						H-7	1		0.1	
20	MATPSS	PREP			P						H-8	1		0.1	
20	MATPSS	PREP			P						H-9	1		0.1	
20	MATPSS	PREP			P						H-10	1		0.1	
20	MATPSS	PREP			P						H-11	1		0.1	
20	MATPSS	PREP			P						K-1	1		0.1	
20	MATPSS	PREP			P						K-2	1		0.1	
20	MATPSS	PREP			P						K-3	1		0.1	
20	MATPSS	PREP			P						K-4	1		0.1	
20	MATPSS	PREP			P						K-5	1		0.1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 5 OF ___

ITEM CD PCN 13096A WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
20	MATPSS	PREP			P						K-6	1		0.1	
20	MATPSS	PREP			P						K-7	1		0.1	
20	MATPSS	PREP			P						K-8	1		0.1	
20	MATPSS	PREP			P						K-11	1		0.1	
20	MATPSS	PREP			P						K-12	1		0.1	
20	MATPSS	PREP			P						K-13	1		0.1	
20	MATPSS	PREP			P						K-14	1		0.1	
20	MATPSS	PREP			P						K-17	1		0.1	
20	MATPSS	PREP			P						K-18	1		0.1	
20	MATPSS	PREP			P						K-19	1		0.1	
20	MATPSS	PREP			P						K-20	1		0.1	
20	MATPSS	PREP			P						K-21	1		0.1	
20	MATPSS	PREP			P						K-23	1		0.1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 6 OF _

ITEM CD PCN 13096A WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~20~~	~~MATPSS~~	~~PREP~~			~~P~~						~~K-24~~	~~1~~		~~0.1~~	
~~30~~	~~MATPSS~~	~~PREP~~	~~1.00~~		~~T~~										
~~30~~	~~MATPSS~~	~~PREP~~			~~G~~										
30	MATPSS	PREP		1.0	P		8602BK10 ~~WG 10~~	1		0.1	M-35 ~~H-1~~	1		0.1	
~~30~~	~~MATPSS~~	~~PREP~~			~~P~~						~~H-2~~	~~1~~		~~0.1~~	
~~30~~	~~MATPSS~~	~~PREP~~			~~P~~						~~H-3~~	~~1~~		~~0.1~~	
~~30~~	~~MATPSS~~	~~PREP~~			~~P~~						~~H-4~~	~~1~~		~~0.1~~	
~~30~~	~~MATPSS~~	~~PREP~~			~~P~~						~~H-5~~	~~1~~		~~0.1~~	
~~30~~	~~MATPSS~~	~~PREP~~			~~P~~						~~H-6~~	~~1~~		~~0.1~~	
~~30~~	~~MATPSS~~	~~PREP~~			~~P~~						~~H-7~~	~~1~~		~~0.1~~	
~~30~~	~~MATPSS~~	~~PREP~~			~~P~~						~~H-8~~	~~1~~		~~0.1~~	
~~30~~	~~MATPSS~~	~~PREP~~			~~P~~						~~H-9~~	~~1~~		~~0.1~~	

SAS 8:18 TUESDAY, MARCH 28, 1989 393

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 7 OF ___

ITEM CD PCN 13096A WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
30	MATPSS	PREP			P						H-10	1		0.1	
30	MATPSS	PREP			P						H-11	1		0.1	
30	MATPSS	PREP			P						K-1	1		0.1	
30	MATPSS	PREP			P						K-2	1		0.1	
30	MATPSS	PREP			P						K-3	1		0.1	
30	MATPSS	PREP			P						4	1		0.1	
30	MATPSS	PREP			P						K-5	1		0.1	
30	MATPSS	PREP			P						K-6	1		0.1	
30	MATPSS	PREP			P						K-7	1		0.1	
30	MATPSS	PREP			P						K-8	1		0.1	
30	MATPSS	PREP			P						K-11	1		0.1	
30	MATPSS	PREP			P						K-12	1		0.1	
30	MATPSS	PREP			P						K-13	1		0.1	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 8 OF ___

ITEM CD PCN 13096A WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~30~~	~~MATPSS~~	~~PREP~~			~~P~~						~~K-14~~	~~1~~		~~0.1~~	
~~30~~	~~MATPSS~~	~~PREP~~			~~P~~						~~K-17~~	~~1~~		~~0.1~~	
~~30~~	~~MATPSS~~	~~PREP~~			~~P~~						~~K-18~~	~~1~~		~~0.1~~	
~~30~~	~~MATPSS~~	~~PREP~~			~~P~~						~~K-19~~	~~1~~		~~0.1~~	
~~30~~	~~MATPSS~~	~~PREP~~			~~P~~						~~K-20~~	~~1~~		~~0.1~~	
~~30~~	~~MATPSS~~	~~PREP~~			~~P~~						~~K-21~~	~~1~~		~~0.1~~	
~~30~~	~~MATPSS~~	~~PREP~~			~~P~~						~~K-23~~	~~1~~		~~0.1~~	
~~30~~	~~MATPSS~~	~~PREP~~			~~P~~						~~K-24~~	~~1~~		~~0.1~~	
~~40~~	~~MATPSS~~	~~PREP~~	~~1.00~~		~~I~~										
~~40~~	~~MATPSS~~	~~PREP~~			~~C~~										
40	MATPSS	PREP	1.0		P		8602BK10 ~~M0-35~~	1		0.3	M-35 ~~H-2~~	1		0.3	
~~40~~	~~MATPSS~~	~~PREP~~			~~P~~						~~H-2~~	~~1~~		~~0.3~~	

SAS 8:18 TUESDAY, MARCH 28, 1989 395

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 7 OF ___

ITEM CD PCN 13096A WCD TA0340 WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
40	MATPSS	PREP			P						H-3	1		0.9	
40	MATPSS	PREP			P						H-4	1		0.8	
40	MATPSS	PREP			P						H-5	1		0.3	
40	MATPSS	PREP			P						H-6	1		0.3	
40	MATPSS	PREP			P						H-7	1		0.8	
40	MATPSS	PREP			P						H-8	1		0.3	
40	MATPSS	PREP			P						H-9	1		0.3	
40	MATPSS	PREP			P						H-10	1		0.3	
40	MATPSS	PREP			P						H-11	1		0.3	
40	MATPSS	PREP			P						K-1	1		0.3	
40	MATPSS	PREP			P						K-2	1		0.3	
40	MATPSS	PREP			P						K-3	1		0.3	
40	MATPSS	PREP			P						K-4	1		0.3	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 8 OF ___

ITEM CD PCN 13096A WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
40	MATPSS	PREP			P						K-5	1		0.3	
40	MATPSS	PREP			P						K-6	1		0.3	
40	MATPSS	PREP			P						K-7	1		0.3	
40	MATPSS	PREP			P						K-9	1		0.3	
40	MATPSS	PREP			P						K-11	1		0.3	
40	MATPSS	PREP			P						K-12	1		0.3	
40	MATPSS	PREP			P						K-18	1		0.3	
40	MATPSS	PREP			P						K-14	1		0.3	
40	MATPSS	PREP			P						K-17	1		0.3	
40	MATPSS	PREP			P						K-18	1		0.3	
40	MATPSS	PREP			P						K-19	1		0.3	
40	MATPSS	PREP			P						K-20	1		0.3	

OPERATION PROFILE

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ITEM CD PCN 13096A WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
40	MATPSS	PREP	.	.	P	.	.	.	.	.	K-21	1	.	0.3	
40	MATPSS	PREP	.	.	P	.	.	.	.	.	K-23	1	.	0.3	
40	MATPSS	PREP	.	.	P	.	.	.	.	.	K-24	1	.	0.3	
50	MATPSS	PREP	1.00	.	T	.	.	.	.	.	.	.	.	.	
50	MATPSS	PREP	.	.	S	.	.	.	.	.	.	.	.	.	
50	MATPSS	PREP	.	1.0	P	.	86026K10 WG-10	1	.	0.3	√M-35	1	.	0.3	
50	MATPSS	PREP	.	.	P	.	.	.	.	.	H-2	1	.	0.3	
50	MATPSS	PREP	.	.	P	.	.	.	.	.	H-3	1	.	0.3	
50	MATPSS	PREP	.	.	P	.	.	.	.	.	H-4	1	.	0.3	
50	MATPSS	PREP	.	.	P	.	.	.	.	.	H-5	1	.	0.3	
50	MATPSS	PREP	.	.	P	.	.	.	.	.	H-6	1	.	0.3	
50	MATPSS	PREP	.	.	P	.	.	.	.	.	H-7	1	.	0.3	
50	MATPSS	PREP	.	.	P	.	.	.	.	.	H-8	1	.	0.3	

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OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 10 OF ___

ITEM CD PCN 13090A WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
50	MATPSS	PREP			P						H-9	1		0.3	
50	MATPSS	PREP			P						H-10	1		0.3	
50	MATPSS	PREP			P						H-11	1		0.3	
50	MATPSS	PREP			P						K-1	1		0.3	
50	MATPSS	PREP			P						K-2	1		0.3	
50	MATPSS	PREP			P						K-3	1		0.3	
50	MATPSS	PREP			P						K-4	1		0.3	
50	MATPSS	PREP			P						K-5	1		0.3	
50	MATPSS	PREP			P						K-6	1		0.3	
50	MATPSS	PREP			P						K-7	1		0.3	
50	MATPSS	PREP			P						K-9	1		0.3	
50	MATPSS	PREP			P						K-11	1		0.3	

OPERATION PROFILE

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ITEM CD PCN 13096A WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
50	MATPSS	PREP	.	.	P	.	.	.	.	.	K-12	1	.	0.3	
50	MATPSS	PREP	.	.	P	.	.	.	.	.	K-13	1	.	0.3	
50	MATPSS	PREP	.	.	P	.	.	.	.	.	K-14	1	.	0.3	
50	MATPSS	PREP	.	.	P	.	.	.	.	.	K-17	1	.	0.3	
50	MATPSS	PREP	.	.	P	.	.	.	.	.	K-18	1	.	0.3	
50	MATPSS	PREP	.	.	P	.	.	.	.	.	K-19	1	.	0.3	
50	MATPSS	PREP	.	.	P	.	.	.	.	.	K-20	1	.	0.3	
50	MATPSS	PREP	.	.	P	.	.	.	.	.	K-21	1	.	0.3	
50	MATPSS	PREP	.	.	P	.	.	.	.	.	K-23	1	.	0.3	
50	MATPSS	PREP	.	.	P	.	.	.	.	.	K-24	1	.	0.3	
60	MATPSS	TEST	1.00	.	T	.	.	.	.	.		.	.	.	
60	MATPSS	TEST	.	.	S	.	.	.	.	.		.	.	.	
60	MATPSS	TEST	.	.	P	.	8602BIK10 WC 10	1	.	0.5	M-35 H-1	1	.	0.5	

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ITEM CD PCN 13096A WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
60	MATPSS	TEST			P						H-2	1		0.5	
60	MATPSS	TEST			P						H-3	1		0.5	
60	MATPSS	TEST			P						H-4	1		0.5	
60	MATPSS	TEST			P						H-5	1		0.5	
60	MATPSS	TEST			P						H-6	1		0.5	
60	MATPSS	TEST			P						H-7	1		0.5	
60	MATPSS	TEST			P						H-8	1		0.5	
60	MATPSS	TEST			P						H-9	1		0.5	
60	MATPSS	TEST			P						H-10	1		0.5	
60	MATPSS	TEST			P						H-11	1		0.5	
60	MATPSS	TEST			P						K-1	1		0.5	
60	MATPSS	TEST			P						K-2	1		0.5	

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NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 13 OF ___

ITEM CD PCN 13096A WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
60	MATPSS	TEST			P						K-3	1		0.5	
60	MATPSS	TEST			P						K-4	1		0.5	
60	MATPSS	TEST			P						K-5	1		0.5	
60	MATPSS	TEST			P						K-6	1		0.5	
60	MATPSS	TEST			P						K-7	1		0.5	
60	MATPSS	TEST			P						K-9	1		0.5	
60	MATPSS	TEST			P						K-11	1		0.5	
60	MATPSS	TEST			P						K-12	1		0.5	
60	MATPSS	TEST			P						K-13	1		0.5	
60	MATPSS	TEST			P						K-14	1		0.5	
60	MATPSS	TEST			P						K-17	1		0.5	
60	MATPSS	TEST			P						K-18	1		0.5	
60	MATPSS	TEST			P						K-19	1		0.5	

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OPERATION PROFILE

NAME _____ __ ALC SA DATE _____ RCC MATPSS SHEET 14 OF ___

ITEM CD PCN 13096A WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
60	MATPSS	TEST			P						K=20	1		0.5	
60	MATPSS	TEST			P						K=21	1		0.5	
60	MATPSS	TEST			P						K=23	1		0.5	
60	MATPSS	TEST			P						K=24	1		0.5	
70	MATPSS	TEST	1.00		T										
70	MATPSS	TEST			C										
70	MATPSS	TEST	1.0		P		8602BK10 WC-10	1		.5 H-1	M-35 H-1	1		.5 1.0	
70	MATPSS	TEST			P						H=2	1		1.0	
70	MATPSS	TEST			P						H=3	1		1.0	
70	MATPSS	TEST			P						H=4	1		1.0	
70	MATPSS	TEST			P						H=5	1		1.0	
70	MATPSS	TEST			P						H-6	1		1.0	

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NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 15 OF ___

ITEM CD PCN 13096A WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
70	MATPSS	TEST			P						H-7	1		1.8	
70	MATPSS	TEST			P						H-8	1		1.8	
70	MATPSS	TEST			P						H-9	1		1.8	
70	MATPSS	TEST			P						H-10	1		1.8	
70	MATPSS	TEST			P						H-11	1		1.8	
70	MATPSS	TEST			P						K-1	1		1.8	
70	MATPSS	TEST			P						K-2	1		1.8	
70	MATPSS	TEST			P						K-3	1		1.8	
70	MATPSS	TEST			P						K-4	1		1.8	
70	MATPSS	TEST			P						K-5	1		1.8	
70	MATPSS	TEST			P						K-6	1		1.8	
70	MATPSS	TEST			P						K-7	1		1.8	
70	MATPSS	TEST			P						K-8	1		1.8	

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ITEM CD PCN 13096A WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
70	MATPSS	TEST			P						K-11	1		1.0	
70	MATPSS	TEST			P						K-12	1		1.0	
70	MATPSS	TEST			P						K-13	1		1.0	
70	MATPSS	TEST			P						K-14	1		1.0	
70	MATPSS	TEST			P						K-17	1		1.0	
70	MATPSS	TEST			P						K-18	1		1.0	
70	MATPSS	TEST			P						K-19	1		1.0	
70	MATPSS	TEST			P						K-20	1		1.0	
70	MATPSS	TEST			P						K-21	1		1.0	
70	MATPSS	TEST			P						K-23	1		1.0	
70	MATPSS	TEST			P						K-24	1		1.0	
80	MATPSS	TEST	0.07		T										

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OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 17 OF ___

ITEM CD PCN 1309SA WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~80~~	~~MATPSS~~	~~TEST~~			~~P~~										
80	MATPSS	TEST			P		8602BK10 ~~WG-10~~	1		1.5 ~~0.5~~	M-35 ~~H-1~~	1		0.5	
~~80~~	~~MATPSS~~	~~TEST~~			~~P~~						~~H-2~~	~~1~~		~~0.5~~	
~~80~~	~~MATPSS~~	~~TEST~~			~~P~~						~~H-3~~	~~1~~		~~0.5~~	
~~80~~	~~MATPSS~~	~~TEST~~			~~P~~						~~H-4~~	~~1~~		~~0.5~~	
~~80~~	~~MATPSS~~	~~TEST~~			~~P~~						~~H-5~~	~~1~~		~~0.5~~	
~~80~~	~~MATPSS~~	~~TEST~~			~~P~~						~~H-6~~	~~1~~		~~0.5~~	
~~80~~	~~MATPSS~~	~~TEST~~			~~P~~						~~H-7~~	~~1~~		~~0.5~~	
~~80~~	~~MATPSS~~	~~TEST~~			~~P~~						~~H-8~~	~~1~~		~~0.5~~	
~~80~~	~~MATPSS~~	~~TEST~~			~~P~~						~~H-9~~	~~1~~		~~0.5~~	
~~80~~	~~MATPSS~~	~~TEST~~			~~P~~						~~H-10~~	~~1~~		~~0.5~~	
~~80~~	~~MATPSS~~	~~TEST~~			~~P~~						~~H-11~~	~~1~~		~~0.5~~	
~~80~~	~~MATPSS~~	~~TEST~~			~~P~~						~~K-1~~	~~1~~		~~0.5~~	

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NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 18 OF ___

ITEM CD PCN 13096A WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
80	MATPSS	TEST			P						K-2	1		0.5	
80	MATPSS	TEST			P						K-3	1		0.5	
80	MATPSS	TEST			P						K-4	1		0.5	
80	MATPSS	TEST			P						K-5	1		0.5	
80	MATPSS	TEST			P						K-6	1		0.5	
80	MATPSS	TEST			P						K-7	1		0.5	
80	MATPSS	TEST			P						K-9	1		0.5	
80	MATPSS	TEST			P						K-11	1		0.5	
80	MATPSS	TEST			P						K-12	1		0.5	
80	MATPSS	TEST			P						K-13	1		0.5	
80	MATPSS	TEST			P						K-14	1		0.5	
80	MATPSS	TEST			P						K-17	1		0.5	

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ITEM CD PCN 13096A WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~80~~	~~MATPSS~~	~~TEST~~			~~P~~						~~K-18~~	~~1~~		~~0.5~~	
~~80~~	~~MATPSS~~	~~TEST~~			~~P~~						~~K-19~~	~~1~~		~~0.5~~	
~~80~~	~~MATPSS~~	~~TEST~~			~~P~~						~~K-20~~	~~1~~		~~0.5~~	
~~80~~	~~MATPSS~~	~~TEST~~			~~P~~						~~K-21~~	~~1~~		~~0.5~~	
~~80~~	~~MATPSS~~	~~TEST~~			~~P~~						~~K-23~~	~~1~~		~~0.5~~	
~~80~~	~~MATPSS~~	~~TEST~~			~~P~~						~~K-24~~	~~1~~		~~0.5~~	
~~110~~	~~MATPSS~~	~~TEST~~	~~0.85~~ ✓		~~T~~										
~~110~~	~~MATPSS~~	~~TEST~~			~~S~~										
110	MATPSS	TEST		1.0	P		8602BK10 ~~WG-10~~	1		0.7	✓M-35 ~~H-1~~	1		0.7	
~~110~~	~~MATPSS~~	~~TEST~~			~~P~~						~~H-2~~	~~1~~		~~0.7~~	
~~110~~	~~MATPSS~~	~~TEST~~			~~P~~						~~H-3~~	~~1~~		~~0.7~~	
~~110~~	~~MATPSS~~	~~TEST~~			~~P~~						~~H-4~~	~~1~~		~~0.7~~	
~~110~~	~~MATPSS~~	~~TEST~~			~~P~~						~~H-5~~	~~1~~		~~0.7~~	

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ITEM CD PCN 13096A WCD TA034Q WCDDATE 88134

OPER Numb	RCC	OPER DESC	HIST C`CR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
110	MATPSS	TEST			P						H-6	1		0.7	
110	MATPSS	TEST			P						H-7	1		0.7	
110	MATPSS	TEST			P						H-8	1		0.7	
110	MATPSS	TEST			P						H-9	1		0.7	
110	MATPSS	TEST			P						H-10	1		0.7	
110	MATPSS	TEST			P						H-11	1		0.7	
110	MATPSS	TEST			P						K-1	1		.7	
110	MATPSS	TEST			P						K-2			0.7	
110	MATPSS	TEST			P						K-3	1		0.7	
110	MATPSS	TEST			P						K-4	1		0.7	
110	MATPSS	TEST			P						K-5	1		0.7	
110	MATPSS	TEST			P						K-6	1		0.7	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET 21 OF __

ITEM CD PCN 13096A WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
110	MATPSS	TEST			P						K-7	1		0.7	
110	MATPSS	TEST			P						K-9	1		0.7	
110	MATPSS	TEST			P						K-11	1		0.7	
110	MATPSS	TEST			P						K-12	1		0.7	
110	MATPSS	TEST			P						K-13	1		0.7	
110	MATPSS	TEST			P						K-14	1		0.7	
110	MATPSS	TEST			P						K-17	1		0.7	
110	MATPSS	TEST			P						K-18	1		0.7	
110	MATPSS	TEST			P						K-19	1		0.7	
110	MATPSS	TEST			P						K-20	1		0.7	
110	MATPSS	TEST			P						K-21	1		0.7	
110	MATPSS	TEST			P						K-23	1		0.7	
110	MATPSS	TEST			P						K-24	1		0.7	

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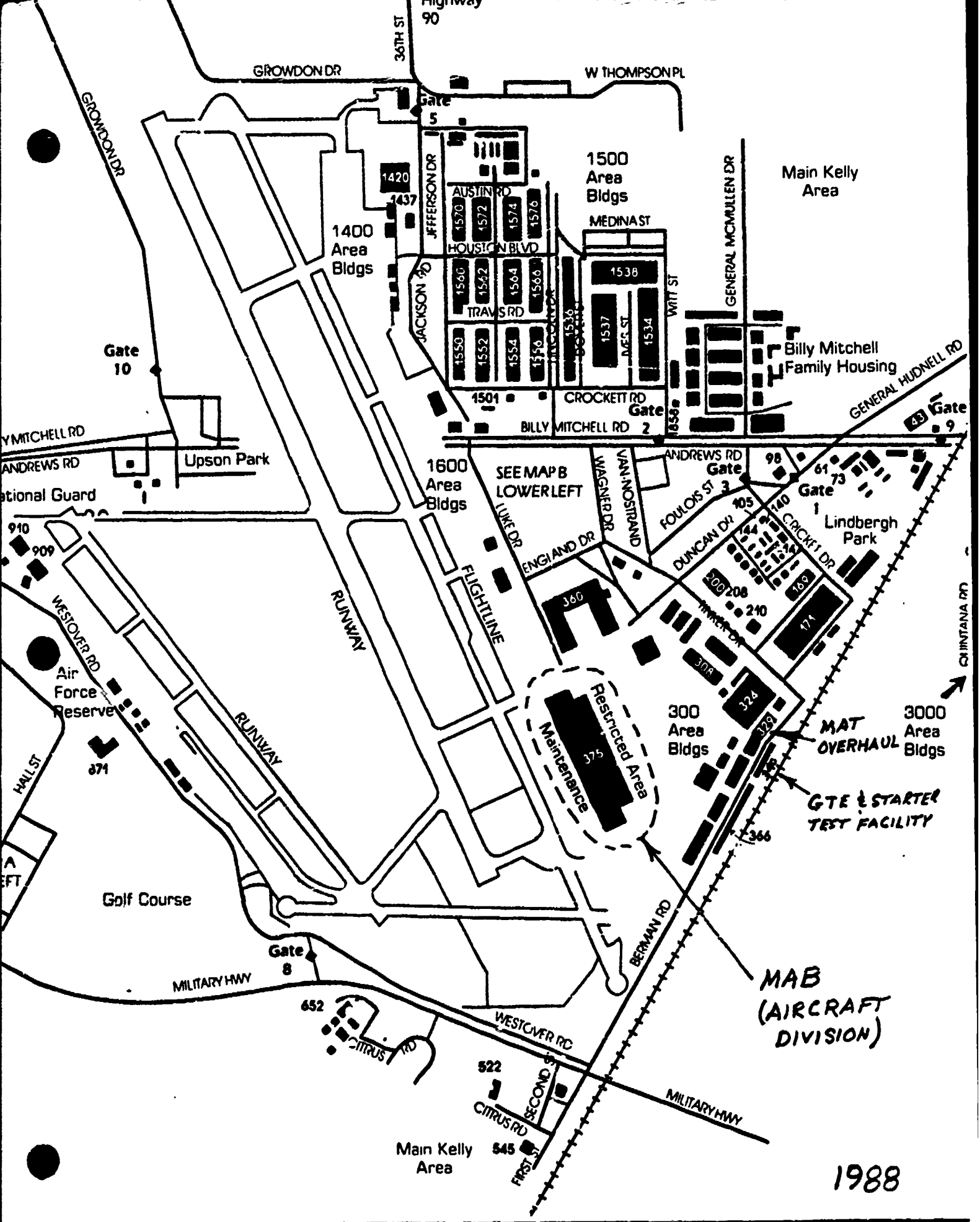
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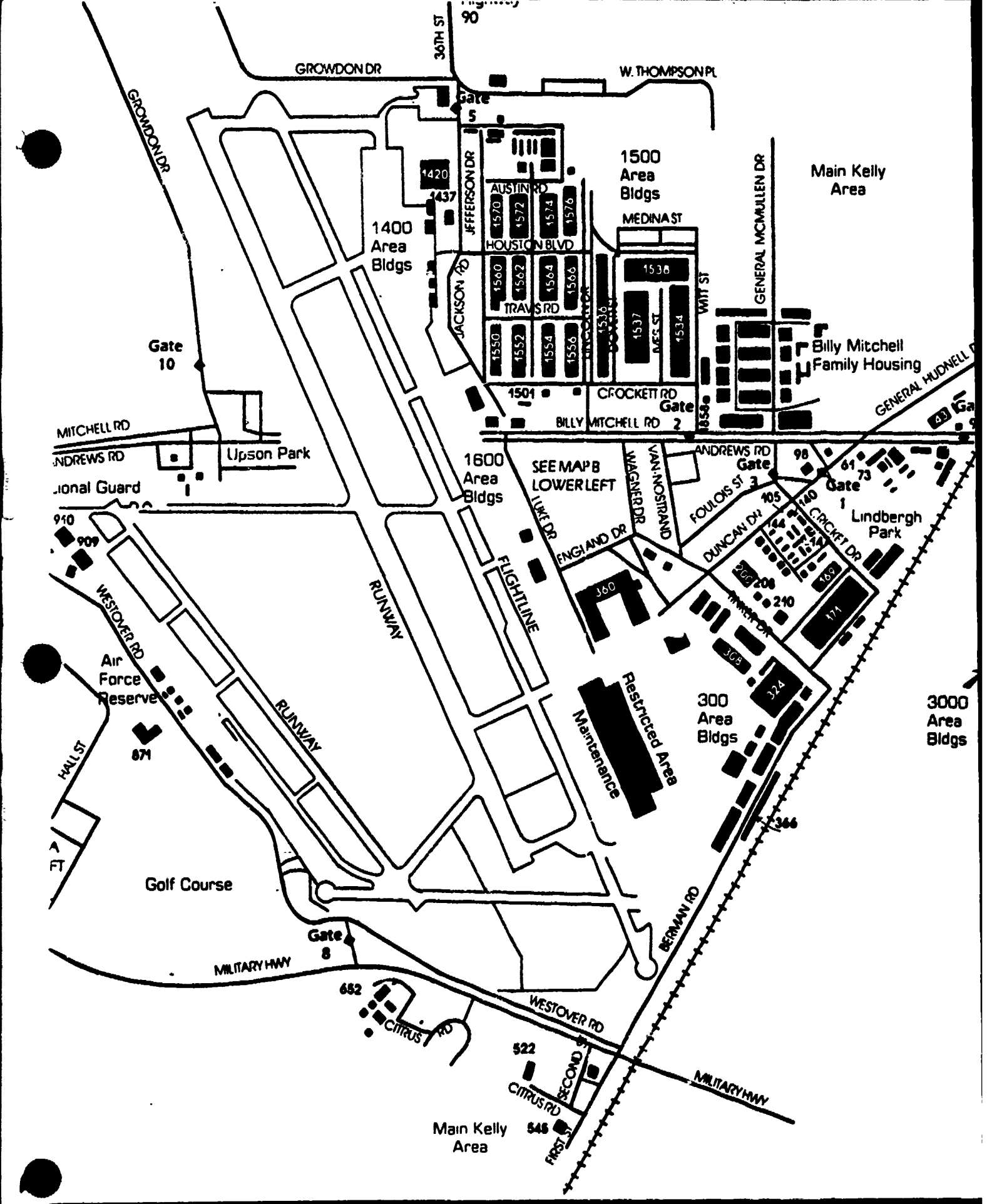
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ITEM CD PCN 13096A WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
120	MATPSS	MOVE	~~0.07~~	1.0	T		8602BK05	1		.3					Electric cart
~~120~~	~~MATPSS~~	~~MOVE~~			~~S~~										
120	MATPSS	MOVE			P		~~MC-5~~	~~1~~		~~0.3~~		1		0.3	
~~120~~	~~MATPSS~~	~~MOVE~~			~~P~~						~~H-2~~	~~1~~		~~0.3~~	
~~120~~	~~MATPSS~~	~~MOVE~~			~~P~~						~~H-3~~	~~1~~		~~0.3~~	
~~120~~	~~MATPSS~~	~~MOVE~~			~~P~~						~~H-4~~	~~1~~		~~0.3~~	
~~120~~	~~MATPSS~~	~~MOVE~~			~~P~~						~~H-5~~	~~1~~		~~0.3~~	
~~120~~	~~MATPSS~~	~~MOVE~~			~~P~~						~~H-6~~	~~1~~		~~0.3~~	
~~120~~	~~MATPSS~~	~~MOVE~~			~~P~~						~~H-7~~	~~1~~		~~0.3~~	
~~120~~	~~MATPSS~~	~~MOVE~~			~~P~~						~~H-8~~	~~1~~		~~0.3~~	
~~120~~	~~MATPSS~~	~~MOVE~~			~~P~~						~~H-9~~	~~1~~		~~0.3~~	
~~120~~	~~MATPSS~~	~~MOVE~~			~~P~~						~~H-10~~	~~1~~		~~0.3~~	


Highway 90
36TH ST
GROWDON DR
W THOMPSON PL
Gate 5
1420
1437
JEFFERSON DR
AUSTIN RD
1570
1572
1574
1576
HOUSTON BLVD
1560
1562
1564
1566
TRAVIS RD
1550
1552
1554
1556
JACKSON RD
LINCOLN DR
1538
1537
1534
MEDINA ST
WITT ST
GENERAL MCMULLEN DR
1500 Area Bldgs
Main Kelly Area
1400 Area Bldgs
Gate 10
Billy Mitchell Family Housing
GENERAL HUDNELL RD
1501
CROCKETT RD
Gate 2
BILLY MITCHELL RD
1856
Gate 9
Upson Park
ANDREWS RD
ational Guard
1600 Area Bldgs
SEE MAP B LOWER LEFT
WAGNER DR
VAN NOSTRAND
ANDREWS RD Gate
98
61
73
Gate 1
Lindbergh Park
FOULOIS ST 3
105
140
DUNCAN DR
CRICKET DR
144
910
909
LUKE DR
ENGLAND DR
FLIGHTLINE
RUNWAY
360
200
208
210
189
171
TINKER DR
308
324
329
WESTOVER RD
Air Force Reserve
871
HALL ST
Restricted Area
Maintenance
375
300 Area Bldgs
MAT OVERHAUL
3000 Area Bldgs
GTE & STARTER TEST FACILITY
366
QUINTANA RD
Golf Course
Gate 8
MILITARY HWY
652
CITRUS RD
BERMAN RD
MAB (AIRCRAFT DIVISION)
WESTOVER RD
522
SECOND ST
CITRUS RD
MILITARY HWY
Main Kelly Area
545
FIRST ST
1988


GROWDON DR
36TH ST
90
W. THOMPSON PL
Gate 5
1420
1437
1500 Area Bldgs
Main Kelly Area
AUSTIN RD
1570
1572
1574
1576
MEDINA ST
1400 Area Bldgs
JEFFERSON DR
HOUSTON BLVD
1560
1562
1564
1566
1538
1536
1537
1534
WITT ST
GENERAL MCMULLEN DR
JACKSON RD
TRAVIS RD
1550
1552
1554
1556
MEC ST
Billy Mitchell Family Housing
Gate 10
1501
CROCKETT RD
Gate 2
BILLY MITCHELL RD
GENERAL HUDNELL
MITCHELL RD
ANDREWS RD
Upson Park
ional Guard
1600 Area Bldgs
SEE MAP B LOWER LEFT
WAGNER DR
VAN NOSTRAND
ANDREWS RD Gate 3
FOULOIS ST
DUNCAN DR
CRICKET DR
Gate 1
Lindbergh Park
LUKE DR
ENGLAND DR
FLIGHTLINE
RUNWAY
WESTOVER RD
Air Force Reserve
871
HALL ST
Restricted Area
Maintenance
300 Area Bldgs
3000 Area Bldgs
Golf Course
Gate 8
MILITARY HWY
652
CITRUS RD
WESTOVER RD
BERMAN RD
522
SECOND ST
CITRUS RD
MILITARY HWY
Main Kelly Area
545
FIRST ST

SAS 8:18 TUESDAY, MARCH 28, 1989 411

OPERATION PROFILE

NAME _____ _____ ALC SA DATE _____ RCC MATPSS SHEET 23 OF ___

ITEM CD PCN 13U. WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
120	MATPSS	MOVE			P						K-1	1		0.3	
120	MATPSS	MOVE			P						K-2	1		0.3	
120	MATPSS	MOVE			P						K-3	1		0.3	
120	MATPSS	MOVE			P						K-4	1		0.3	
120	MATPSS	MOVE			P						K-5	1		0.3	
120	MATPSS	MOVE			P						K-6	1		0.3	
120	MATPSS	MOVE			P						K-7	1		0.3	
120	MATPSS	MOVE			P						K-8	1		0.3	
120	MATPSS	MOVE			P						K-11	1		0.3	
120	MATPSS	MOVE			P						K-12	1		0.3	
120	MATPSS	MOVE			P						K-13	1		0.3	
120	MATPSS	MOVE			P						K-14	1		0.3	

SAS

8:18 TUESDAY, MARCH 28, 1989 412

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 13096A WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~120~~	MATPSS	MOVE	.	.	P	.	.	.	.	.	~~K-17~~	~~1~~	.	~~0.3~~	
~~120~~	MATPSS	MOVE	.	.	P	.	.	.	.	.	~~K-18~~	~~1~~	.	~~0.3~~	
~~120~~	MATPSS	MOVE	.	.	P	.	.	.	.	.	~~K-19~~	~~1~~	.	~~0.3~~	
120	MATPSS	MOVE	.	.	P	.	.	.	.	.	~~K-20~~	~~1~~	.	~~0.3~~	
~~120~~	MATPSS	MOVE	.	.	P	.	.	.	.	.	~~K-21~~	~~1~~	.	~~0.3~~	
~~120~~	MATPSS	MOVE	.	.	P	.	.	.	.	.	~~K-23~~	~~1~~	.	~~0.3~~	
~~120~~	MATPSS	MOVE	.	.	P	.	.	.	.	.	~~K-24~~	~~1~~	.	~~0.3~~	
~~130~~	MATPSS	PREP	~~0.97~~	.	T	.	.	.	.	.	.	.	.	.	
~~130~~	MATPSS	PREP	.	.	S	.	.	.	.	.	.	.	.	.	
130	MATPSS	PREP	.	1.0	P	.	8602B:K09 ~~WG-8~~	1	.	2.0 ~~2.0~~	M-WB11 H-1	1	.	2.0 ~~3.0~~	
~~130~~	MATPSS	PREP	.	.	P	.	.	.	.	.	~~H-2~~	~~1~~	.	~~3.0~~	
~~130~~	MATPSS	PREP	.	.	P	.	.	.	.	.	~~H-2~~	~~1~~	.	~~3.0~~	

SAS 8:18 TUESDAY, MARCH 28, 1989 413

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 13096A WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
130	MATPSS	PREP			P						H-4	1		3.0	
130	MATPSS	PREP			P						H-5	1		3.0	
130	MATPSS	PREP			P						H-6	1		3.0	
130	MATPSS	PREP			P						H-7	1		3.0	
130	MATPSS	PREP			P						H-8	1		3.0	
130	MATPSS	PREP			P						H-9	1		3.0	
130	MATPSS	PREP			P						H-10	1		3.0	
130	MATPSS	PREP			P						H-11	1		3.0	
130	MATPSS	PREP			P						K-1	1		3.0	
130	MATPSS	PREP			P						K-2	1		3.0	
130	MATPSS	PREP			P						K-3	1		3.0	
130	MATPSS	PREP			P						K-4	1		3.0	
130	MATPSS	PREP			P						K-5	1		3.0	

SAS

8:18 TUESDAY, MARCH 28, 1989 414

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 13096A WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
130	MATPSS	PREP			P						K-6	1		3.0	
130	MATPSS	PREP			P						K-7	1		3.0	
130	MATPSS	PREP			P						K-8	1		3.0	
130	MATPSS	PREP			P						K-11	1		3.0	
130	MATPSS	PREP			P						K-12	1		3.0	
130	MATPSS	PREP			P						K-13	1		3.0	
130	MATPSS	PREP			P						K-14	1		3.0	
130	MATPSS	PREP			P						K-17	1		3.0	
130	MATPSS	PREP			P						K-18	1		3.0	
130	MATPSS	PREP			P						K-19	1		3.0	
130	MATPSS	PREP			P						K-20	1		3.0	
130	MATPSS	PREP			P						K-21	1		3.0	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 13096A WCD TA034Q WCDDATE 88134

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
130	MATPSS	PREP			P						K-23	1		3.0	
130	MATPSS	PREP			P						K-24	1		3.0	

FLOW PROCESS CHART

SUBJECT F/16 JFS Power Section / Test Performance DATE 5-23-89

ITEM CODE
PCN ●
NSN □
P/N □

WCD TA034Q WCD DATE 88134

13096A

CHART BEGINS 5

CHART ENDS 130 PREPARED BY A.P. Holm

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
5	—	○●D□▽	MOVE			○▷D□▽	
10	10	●▷D□▽	PREP			○▷D□▽	
20	20	●▷D□▽	PREP			○▷D□▽	
30	30	●▷D□▽	PREP			○▷D□▽	
40	40	●▷D□▽	PREP			○▷D□▽	
50	50	●▷D□▽	PREP			○▷D□▽	
60	60	●▷D□▽	TEST			○▷D□▽	
70	70	●▷D□▽	TEST			○▷D□▽	
80	80	●▷D□▽	TEST			○▷D□▽	
110	110	●▷D□▽	TEST			○▷D□▽	
120	120	○●D□▽	MOVE			○▷D□▽	
130	130	●▷D□▽	PREP			○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
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		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

▷ TRANSPORTATION D DELAY

LSC-20147

NAME:ATTARIA ALC: SA RCC:MATPSS
PCN: 10598A WCD: TA001A WCDDATE:88258

OP #	RCC	OP DESC	OCCU FAC	OP TYPE	MAND %	FLOW HRS	SKIL CODE	QTY	TIME %	REQ HRS	EQUIP CODE	QTY	TIME %	REQ HRS
10	MATPSI	DIS	1.00	P	100	1	8602BA08	1	100	1.00				
15	MATPSI	RTE	1.00	T	100	0.5	8602BA08	1	100	0.10				
20	MATPSS	INFO	1.00	P										
50	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
60	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
70	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
80	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
90	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
100	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
110	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				

NAME:ATTARIA ALC: SA RCC:MATPSS
PCN: 04542A WCD: TA2760 WCDDATE:88237

OP #	RCC	OP DESC	OCCU FAC	OP TYPE	MAND %	FLOW HRS	SKIL CODE	QTY	TIME %	REQ HRS	EQUIP CODE	QTY	TIME %	REQ HRS
10	MATPSI	DIS	1.00	P	100	1	8602BA08	1	100	1.00				
20	MATPSI	INFO	1.00	P										
30	MATPSI	RTE	1.00	T	100	0.1	8602BA08	1	100	0.10				
40	MATPSS	INFO	1.00	P	100	0	8602BA08	1	100	0.00				
50	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
60	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
70	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
80	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
90	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
100	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
110	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
120	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
130	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
140	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
150	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
160	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
170	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
180	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
190	MATPSS	INSP	1.00	P	100	0.1	8602BE09	1	100	0.10				
200	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
210	MATPSS	NOTE	1.00	P										

NAME:ATTARIA ALC: SA RCC:MATPSS
PCN: 10718A WCD: TA043T WCDDATE:88257

OP #	RCC	OP DESC	OCCU FAC	OP TYPE	MAND %	FLOW HRS	SKIL CODE	QTY	TIME %	REQ HRS	EQUIP CODE	QTY	TIME %	REQ HRS
10	MATPSI	INFO	1.00	P										
20	MATPSI	DIS	1.00	P	100	1	8602BA08	1	100	1.00				
25	MATPSI	RTE	1.00	T	100	0.5	8602BA08	1	100	0.10				
30	MATPSS	INFO	1.00	P										
40	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
50	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
60	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
70	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
80	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
90	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
100	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
110	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				

Slight Disk #7

CPSO2 MoD
DSTG MAINTE

FINAL ASSY

SAS

8:18 TUESDAY, MARCH 28, 1989 1

OPERATION PROFILE

NAME Ithavia ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 04542A WCD TA2010 WCDDATE 88250

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~1~~	~~MATPSS~~	~~ASSY~~	.	.	~~T~~	.		.	.	.		.	.	.	RICHARD RODRIGUES
1	MATPSS	ASSY	.	1.0	S		8602BE09	1	.	1.0		.	.	.	925-5146
~~1~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.	~~WG-8~~	~~1~~	.	~~0.0~~		.	.	.	
~~10~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
10	MATPSS	ASSY	.	1.0	S		8602BE09	1	.	1.1		.	.	.	
~~10~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.	WG-9	~~1~~	.	~~1.1~~		.	.	.	
20	MATPSS	ASSY	.	1.0	P		8602BE09	1	.	0.0		.	.	.	INFORMATION
~~30~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
30	MATPSS	ASSY	.	1.0	P		8602BE09 ~~WG-9~~	1	.	0.6 ~~0.4~~	~~N-1~~	~~1~~	.	~~0.1~~	
~~40~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~40~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
40	MATPSS	ASSY	.	1.0	P		8602BE09 ~~WG-9~~	1	.	2.0 ~~0.8~~	N-2	1	.	0.3 ~~0.0~~	
40	MATPSS	ASSY	.	.	P	.		.	.	.	N-3	1	.	0.3 ~~0.0~~	

ERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 04542A WCD TA2010 WCDDATE 88250

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~50~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~50~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
50	MATPSS	ASSY	.	1.0	P	.	8602BE09 ~~WG-9~~	1	.	1.5 ~~2.8~~	N-4	1	.	0.2	
50	MATPSS	ASSY	.	.	P	.		.	.	.	N-5	1	.	0.2 ~~0.0~~	
~~60~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~60~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
60	MATPSS	ASSY	.	1.0	P	.	8602BE09 ~~WG-9~~	1	.	0.5	N-6	1	.	0.5 ~~0.0~~	
60	MATPSS	ASSY	.	.	P	.		.	.	.	N-7	1	.	0.3 ~~0.0~~	
60	MATPSS	ASSY	.	.	P	.		.	.	.	N-8	1	.	0.3 ~~0.0~~	
~~70~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~70~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
70	MATPSS	ASSY	.	1.0	P	.	8602BE09 ~~WG-9~~	1	.	1.5	N-9	1	.	0.3	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 04542A WCD TA2010 WCDDATE 88250

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~20~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~N 10~~	~~1~~	.	~~0.1~~	
~~60~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~80~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
80	MATPSS	ASSY	.	1.0	P	.	8602BE09 ~~WG-9~~	1	.	0.2		.	.	.	
~~90~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~90~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
90	MATPSS	ASSY	.	1.0	P	.	8602BE09 ~~WG-9~~	1	.	0.3		.	.	.	
~~100~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~100~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
100	MATPSS	ASSY	.	1.0	P	.	8602BE09 ~~WG-9~~	1	.	0.2		.	.	.	
~~110~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~110~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
110	MATPSS	ASSY	.	1.0	P	.	8602BE09 ~~WG-9~~	1	.	0.1		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 04542A WCD TA2010 WCDDATE 88250

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES

FLOW PROCESS CHART

SUBJECT CPS-02 MOD STARTER FINA ASSEMBLY DATE 5/24/89

ITEM CODE
PCN ☒ 04542A
NSN ☐
P/N ☐

WCD TA2010 WCD DATE 88250

CHART BEGINS OPERATION 001

CHART ENDS OPERATION 110 PREPARED BY K. ATTARIA

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
1	1	●▷D□▽	SET UP			○▷D□▽	
10	10	●▷D□▽	SET UP			○▷D□▽	
20	20	●▷D□▽	INFORMATION			○▷D□▽	
30	30	●▷D□▽	ASSEMBLY			○▷D□▽	
40	40	●▷D□▽	〃			○▷D□▽	
50	50	●▷D□▽	〃			○▷D□▽	
60	60	●▷D□▽	〃			○▷D□▽	
70	70	●▷D□▽	〃			○▷D□▽	
80	80	●▷D□▽	〃			○▷D□▽	
90	90	●▷D□▽	〃			○▷D□▽	
100	100	●▷D□▽	〃			○▷D□▽	
110	110	●▷D□▽	〃			○▷D□▽	
		○▷D□▽				○▷D□▽	
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		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

▷ TRANSPORTATION D DELAY

LSC-20147

CPS-007 MOD

TEST

SAS

OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1989 5

NAME Alavia ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 04542A WCD TA2330 WCDDATE 88145

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS
~~6~~	~~MATPSS~~	~~TEST~~	~~0.98~~	.	~~T~~									
6	MATPSS	TEST	.	1.0	S		8602BK05	1	.	0.1				
~~6~~	~~MATPSS~~	~~TEST~~	.	.	~~P~~		~~WG-10~~	~~1~~	.	~~0.1~~				
~~10~~	~~MATPSS~~	~~TEST~~	0.59	.	~~T~~									
~~10~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~									
10	MATPSS	INSP ~~TEST~~	.	1.0	P		8602BK05 ~~WG-10~~	1	.	0.1 ~~0.0~~				
~~20~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~									
~~20~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~									
20	MATPSS	TEST	.	1.0	P		8602BK10 ~~WG-10~~	1	.	0.3				
~~21~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~									
~~21~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~									
21	MATPSS	TEST	.	1.0	P		8602BK10 ~~WG-10~~	1	.	0.2	N-27	1	.	0.2
~~22~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~									

NOTES

MARTIN SANCHEZ
925-41147
TESTER
FIRMAN ALTERNATE

TOM BELTRAN
925-4147
TESTERS FOREMAN

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 04542A WCD TA2330 WCDDATE 88145

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~22~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
22	MATPSS	TEST	.	1.0	P	.	~~WG-10~~ 8602BK10	1	.	0.3	N-27	1	.	0.3	
~~30~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~30~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
30	MATPSS	TEST	.	1.0	P	.	~~WG-10~~ 8602BK10	1	.	0.3	N-27	1	.	.03	
~~70~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~70~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
70	MATPSS	TEST	.	1.0	P	.	~~WG-10~~ 8602BK10	1	.	0.5	N-27	.	.	0.5	
~~90~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~90~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
90	MATPSS	TEST	.	1.0	P	.	~~WG-10~~ 8602BK10	1	.	0.5	N-27	.	.	0.5	
~~100~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 04542A WCD TA2330 WCDDATE 88145

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~100~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
100	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG 10~~	1	.	1.0	N-27	1	.	1.0	
~~110~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~110~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
110	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG 10~~	1	.	0.3 ~~0.5~~	N-27	1	.	0.3	
~~120~~	~~MATPSS~~	~~TEST~~	0.97	.	~~T~~	.		.	.	.		.	.	.	
~~120~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
120	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG 10~~	1	.	1.0 ~~0.5~~	N-27	1	.	1.0	
~~130~~	~~MATPSS~~	~~TEST~~	0.95	.	~~T~~	.		.	.	.		.	.	.	
~~130~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
130	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG 10~~	1	.	0.1 ~~0.0~~	N-27	1	.	0.1	

FLOW PROCESS CHART

SUBJECT CPS-02 MOD STARTER TEST DATE 5/24/89

ITEM CODE
PCN ☒ 04542A
NSN ☐
P/N ☐

WCD TA2330 WCD DATE 88145

CHART BEGINS OPERATION 006

CHART ENDS OPERATION 130 PREPARED BY K. ATTARIA

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
6	6	●▷D□▽	SET UP			○▷D□▽	
10	10	○▷D■▽	VISUAL INSP			○▷D□▽	
20	20	●▷D□▽	TEST			○▷D□▽	
21	21	●▷D□▽	〃			○▷D□▽	
22	22	●▷D□▽	〃			○▷D□▽	
30	30	●▷D□▽	〃			○▷D□▽	
70	70	●▷D□▽	〃			○▷D□▽	
90	90	●▷D□▽	〃			○▷D□▽	
100	100	●▷D□▽	〃			○▷D□▽	
110	110	●▷D□▽	〃			○▷D□▽	
120	120	●▷D□▽	〃			○▷D□▽	
130	130	●▷D□▽	〃			○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽

NAME: ATTARIA ALC: SA RCC: MATPSS

PCN: 04542A WCD: TA2760 WCDDATE: 882387

OP #	RCC	OP DESC	OCCU FAC	OP TYPE	MAND %	FLOW HRS	SKIL CODE	QTY	TIME %	REQ HRS	EQUIP CODE	QTY	TIME %	REQ HRS
10	MATPSI	DIS	1.00	P	100	1	8602BA08	1	100	1.00				
20	MATPSI	INFO	1.00	P										
30	MATPSI	RTE	1.00	T	100	0.1	8602BA08	1	100	0.10				
40	MATPSS	INFO	1.00	P	100	0	8602BA08	1	100	0.00				
50	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
60	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
70	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
80	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
90	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
100	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
110	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
120	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
130	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
140	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
150	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
160	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
170	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
180	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
190	MATPSS	INSP	1.00	P	100	0.1	8602BE09	1	100	0.10				
200	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
210	MATPSS	NOTE	1.00	P										

FLOW PROCESS CHART

SUBJECT CPS-02MO STARTER VISUAL INSPECTION DATE 5/24/89

ITEM CODE
PCN ☒ 04542A
NSN ☐
P/N ☐

WCD TA2760 WCD DATE 88237

CHART BEGINS OPERATION 10

CHART ENDS OPERATION 210 PREPARED BY K. ATTARIA

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
10	10	●▷D□▽	SORT PARTS B/S			○▷D□▽	
20	20	◐▷D□▽	INFO B/S			○▷D□▽	
30	30	○◆D□▽	TRANSIT B/S			○▷D□▽	
40	40	●▷D□▽	INFORMATION			○▷D□▽	
50	50	○▷D■▽	VISUAL INSP			○▷D□▽	
60	60	○▷D■▽	〃			○▷D□▽	
70	70	○▷D◪▽	〃			○▷D□▽	
80	80	○▷D◪▽	〃			○▷D□▽	
90	90	○▷D■▽	〃			○▷D□▽	
100	100	○▷D◪▽	〃			○▷D□▽	
110	110	○▷D■▽	〃			○▷D□▽	
120	120	○▷D◪▽	〃			○▷D□▽	
130	130	○▷D■▽	〃			○▷D□▽	
140	140	○▷D■▽	〃			○▷D□▽	
150	150	○▷D◪▽	〃			○▷D□▽	
160	160	○▷D◪▽	〃			○▷D□▽	
170	170	○▷D◪▽	〃			○▷D□▽	
180	180	○▷D◪▽	〃			○▷D□▽	
190	190	○▷D◪▽	〃			○▷D□▽	
200	200	○▷D◪▽	〃			○▷D□▽	
210	210	◐▷D□▽	INFORMATION			○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

▷ TRANSPORTATION D DELAY

LSC-20147

NAME: ATTARIA ALC: SA RCC: MATPSS MLD: 1A00LA WCDDATE: 88258
PCN: 10598A

OP #	RCC	OP DESC	OCCU FAC	OP TYPE	MAND %	FLOW HRS	SKIL CODE	QTY	TIME %	REQ HRS	EQUIP CODE	QTY	TIME %	REQ HRS
10	MATPSI	DIS	1.00	P	100	1	8602BA08	1	100	1.00				
15	MATPSI	RTE	1.00	T	100	0.5	8602BA00	1	100	0.10				
20	MATPSS	INFO	1.00	P										
50	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
60	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
70	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
80	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
90	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
100	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				
110	MATPSS	INSP	1.00	P	100	0.05	8602BE09	1	100	0.05				

FLOW PROCESS CHART

SUBJECT ATSC 100-87 STARTER VISUAL INSPECTION DATE 5/24/89

ITEM CODE
PCN ☒ 10598A
NSN ☐
P/N ☐

WCD TA001A WCD DATE 88258

CHART BEGINS OPERATION 10

CHART ENDS OPERATION 110 PREPARED BY K. ATTARIA

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
10	10	●▷D□▽	SORT PARTS 3/S			○▷D□▽	
15		○▶D□▽	ROUTE 3/S			○▷D□▽	
20	20	●▷D□▽	VISUAL INSP			○▷D□▽	
50	50	○▷D■▽	"			○▷D□▽	
60	60	○▷D▨▽	"			○▷D□▽	
70	70	○▷D■▽	"			○▷D□▽	
80	80	○▷D■▽	"			○▷D□▽	
90	90	○▷D▨▽	"			○▷D□▽	
100	100	○▷D▨▽	"			○▷D□▽	
110	110	○▷D▨▽	"			○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION
▷ TRANSPORTATION D DELAY

LSC-201-17

ATSC Jan-87

FOOD S STARTER M FINAL ~~TEST~~ ARMS

SAS

OPERATION PROFILE

8:18 TUESDAY, MARCH 28, 1389 275

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 10598A WCD [redacted]A WCDDATE 88215

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
10	MATPSS	ASSY		1.0	P			1		0.3					RICHARD RODRIGUEZ 925-5146 ASSEMBLY MECHANIC
20	MATPSS	ASSY	.	.	P	.	8602BE09 ~~WG-8~~	1	.	1.0	~~N-11~~	~~1~~	.	~~0.1~~	
~~20~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~N-12~~	~~1~~	.	~~0.1~~	
~~20~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.		.	.	.	~~N-13~~	~~1~~	.	~~0.1~~	
~~30~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~30~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
30	MATPSS	ASSY	.	1.0	P	.	8602BE09 ~~WG-8~~	1	.	2.0 ~~1.0~~	N-14	1	.	0.1	✓
30	MATPSS	ASSY	.	.	P	.		.	.	.	N-15	1	.	0.1	✓
											N-17	1		0.1	
30	MATPSS	ASSY	.	.	P	.		.	.	.	N-16	1	.	~~0.1~~ 2.0	✓
~~40~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~40~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
40	MATPSS	ASSY	.	1.0	P	.	8602BE09 ~~WG-8~~	1	.	~~1.0~~	~~N-17~~	~~1~~	.	~~0.1~~	

2

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 10598A WCD TA080A WCDDATE 88215

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~45~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~45~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
45	MATPSS	ASSY	.	1.0	P	.	8602BE09 ~~WG-9~~	1	.	0.3		.	.		
~~50~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~50~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
50	MATPSS	ASSY	.	1.0	P	.	8602BE09 ~~WG-9~~	1	.	0.3		.	.	.	
~~60~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~60~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
60	MATPSS	ASSY	.	1.0	P	.	8602BE09 ~~WG-9~~	1	.	1.5 ~~1.0~~		.	.		
~~65~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~65~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
65	MATPSS	ASSY	.	1.0	P	.	8602BE09 ~~WG-9~~	1	.	0.2		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 10598A WCD TA080A WCDDATE 88215

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~80~~	~~MATPSS~~	~~ASSY~~	1.00		~~T~~										
~~80~~	~~MATPSS~~	~~ASSY~~			~~S~~										
80	MATPSS	ASSY		1.0	P		8602BE09 WG-9	1		0.3					
~~90~~	~~MATPSS~~	~~ASSY~~	1.00		~~T~~										
~~90~~	~~MATPSS~~	~~ASSY~~			~~S~~										
90	MATPSS	ASSY			P		8602BE09 ~~WG-9~~	1		0.2					
~~95~~	~~MATPSS~~	~~ASSY~~	1.00		~~T~~										
~~95~~	~~MATPSS~~	~~ASSY~~			~~S~~										
95	MATPSS	ASSY			P		8602BE09 ~~WG-9~~	1		0.1					
~~100~~	~~MATPSS~~	~~ASSY~~	1.00		~~T~~										
~~100~~	MATPSS	ASSY			~~S~~										
100	MATPSS	ASSY			P		8602BE09 ~~WG-9~~	1		0.1					

FLOW PROCESS CHART

SUBJECT ATSC 100-87 STARTER FINAL ASSEMBLY DATE 5/24/89

ITEM CODE
PCN ☒ 10598A
NSN ☐
P/N ☐

WCD TA080A WCD DATE 88215

CHART BEGINS OPERATION 10

CHART ENDS OPERATION 100 PREPARED BY K. ATTARIA

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
10	10	●▷D□▽	ASSEMBLY			○▷D□▽	
20	20	●▷D□▽	〃			○▷D□▽	
30	30	●▷D□▽	〃			○▷D□▽	
40	40	●▷D□▽	〃			○▷D□▽	
45	45	●▷D□▽	〃			○▷D□▽	
50	50	●▷D□▽	〃			○▷D□▽	
60	60	●▷D□▽	〃			○▷D□▽	
65	65	●▷D□▽	〃			○▷D□▽	
80	80	●▷D□▽	〃			○▷D□▽	
90	90	●▷D□▽	〃			○▷D□▽	
95	95	●▷D□▽	〃			○▷D□▽	
100	100	●▷D□▽	〃			○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
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		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
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		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

▷ TRANSPORTATION D DELAY

LSC-20147

~~ATSCC~~
ATSC 100-87

TEST -

SAS

8:18 TUESDAY, MARCH 28, 1989 278

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 10598A WCD TA081A WCDDATE 88146

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~10~~	~~MATPSS~~	~~TEST~~	0.98	.	~~T~~	.		.	.	.		.	.	.	MARTIN SANCHEZ
10	MATPSS	TEST	.	1.0	S	.	8602BK10	1	.	0.3		.	.	.	FORMAN ALTERNATE
~~10~~	~~MATPSS~~	~~TEST~~	.	.	~~P~~	.	~~WG-10~~	~~1~~	.	~~0.3~~		1	.	.	925-4147
~~20~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~20~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
20	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG-10~~	1	.	0.3	N-27	1	.	0.3	
~~30~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~30~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
30	MATPSS	TEST	.	1.0	P	.	8602BK10 1 ~~WG-10~~	1	.	0.8		.	.	.	
~~40~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~40~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
40	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG-10~~	1	.	0.3	N-27	1	.	0.3	
~~50~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 10598A WCD TA081A WCDDATE 88146

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~50~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
50	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG-10~~	1	.	1.0	N-27	1	.	1.0	
~~60~~	~~MATPSS~~	~~TEST~~	0.89	.	~~T~~	.		.	.	.		.	.	.	
~~60~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
60	MATPSS	TEST	.	1.0	P	.	8602BK05 ~~WG-10~~	1	.	0.3		1	.	.	
~~70~~	~~MATPSS~~	~~TEST~~	0.93	.	~~T~~	.		.	.	.		.	.	.	
~~70~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
70	MATPSS	TEST	.	1.0	P	.	8602BK05 ~~WG-10~~	1	.	0.3		1	.	.	
~~80~~	~~MATPSS~~	~~TEST~~	0.93	.	~~T~~	.		.	.	.		.	.	.	
~~80~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
80	MATPSS	TEST	.	1.0	P	.	8602BK05 ~~WG-10~~	1	.	0.8		1	.	.	
~~90~~	~~MATPSS~~	~~TEST~~	0.93	.	~~T~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 10598A WCD TA081A WCDDATE 88146

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~90~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.	.	.	.	.		.	.	.	
90	MATPSS	TEST	.	.	P	.	8602 BK10 ~~WG 10~~	1	.	0.1		.	.	.	
~~105~~	~~MATPSS~~	~~TEST~~	0.93	.	~~T~~	.		.	.	.		.	.	.	
~~105~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
105	MATPSS	TEST	.	.	P	.	8602 BK05 ~~WG 10~~	1	.	0.1		.	.	.	

FLOW PROCESS CHART

SUBJECT ATSC 100-87 STARTER TEST DATE 5/24/89

ITEM CODE
PCN ☒ 10598A
NSN ☐
P/N ☐

WCD TA081A WCD DATE 8814'

CHART BEGINS OPERATION 10

CHART ENDS OPERATION 105 PREPARED BY

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
10	10	●▷D□▽	SETUP			○▷D□▽	
20	20	●▷D□▽	TEST			○▷D□▽	
30	30	●▷D□▽	〃			○▷D□▽	
40	40	●▷D□▽	〃			○▷D□▽	
50	50	●▷D□▽	〃			○▷D□▽	
60	60	●▷D□▽	〃			○▷D□▽	
70	70	●▷D□▽	〃			○▷D□▽	
80	80	●▷D□▽	〃			○▷D□▽	
90	90	○▷D■▽	VISUAL INSP.			○▷D□▽	
105	105	●▷D□▽	CLEAN ASSY			○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
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		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
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		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

▷ TRANSPORTATION D DELAY

NAME: ALTARIA ALC: SA EFC: MAIPSS

PCN: 10718A WCD: 190437 WCDATE: 88/07

OP #	RCC	OP DESC	OCCU FAC	OP TYPE	MAND %	FLOW HRS	SKIL CODE	QTY	TIME %	REQ HRS	EQUIP CODE	QTY	TIME %	REQ HRS
10	MAIPSI	INFO	1.00	P										
20	MAIPSI	DIS	1.00	P	100	1	8602HA08	1	100	1.00				
25	MAIPSI	RTE	1.00	T	100	0.5	8602HA08	1	100	0.10				
30	MAIPSS	INFO	1.00	P										
40	MAIPSS	INSP	1.00	P	100	0.05	8602HE09	1	100	0.05				
50	MAIPSS	INSP	1.00	P	100	0.05	8602HE09	1	100	0.05				
60	MAIPSS	INSP	1.00	P	100	0.05	8602HE09	1	100	0.05				
70	MAIPSS	INSP	1.00	P	100	0.05	8602HE09	1	100	0.05				
80	MAIPSS	INSP	1.00	P	100	0.05	8602HE09	1	100	0.05				
90	MAIPSS	INSP	1.00	P	100	0.05	8602HE09	1	100	0.05				
100	MAIPSS	INSP	1.00	P	100	0.05	8602HE09	1	100	0.05				
110	MAIPSS	INSP	1.00	P	100	0.05	8602HE09	1	100	0.05				

FLOW PROCESS CHART

SUBJECT ATSC 100-97-97A STARTER VISUAL INSPECTION DATE 4/24/89

ITEM CODE
PCN ☒ 10718A
NSN ☐
P/N ☐

WCD TA043T WCD DATE 88257

CHART BEGINS OPERATION 010

CHART ENDS OPERATION 110 PREPARED BY K. ATTARIA

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
10	10	◉▷D□▽	B/S INFEED STATION			○▷D□▽	
20	20	◉▷D□▽	SORT PARTS B/S			○▷D□▽	
25	—	○▶D□▽	ROUTE PARTS B/S			○▷D□▽	
30	30	○▷D▣▽	INSPECTION			○▷D□▽	
40	40	○▷D▣▽	"			○▷D□▽	
50	50	○▷D▣▽	"			○▷D□▽	
60	60	○▷D▣▽	"			○▷D□▽	
70	70	○▷D▣▽	"			○▷D□▽	
80	80	○▷D▣▽	"			○▷D□▽	
90	90	○▷D▣▽	"			○▷D□▽	
100	100	○▷D▣▽	"			○▷D□▽	
110	110	○▷D▣▽	"			○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
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		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
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		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION
▷ TRANSPORTATION D DELAY

LSC-20147

ATSC10-97-97A

L.L. SAA.727A

FINAL a.-24

LOZANO

SAS

8:18 TUESDAY, MARCH 28, 1989 281

OPERATION PROFILE

NAME Ataviq ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 10718A WCD TA040T WCDDATE 88218

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~10~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.	.	.	.	.		.	.	.	
~~10~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
10	MATPSS	ASSY	.	1.0	P	.	8602BE09 ~~WG-8~~	1	.	0.5 ~~0.3~~			.	.	
~~30~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~30~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
30	MATPSS	ASSY	.	1.0	P	.	8602BE09 ~~WG-8~~	1	.	10.0	N-18	1	.	1.0	✓
30	MATPSS	ASSY			P						N-25	1		0.3	
30	MATPSS	ASSY	.	.	P	.		.	.	.	N-19	1	.	1.0	✓
30	MATPSS	ASSY	.	.	P	.		.	.	.	N-20	1	.	0.5 ~~1.0~~	✓
30	MATPSS	ASSY			P						N-26	1		0.5	✓
30	MATPSS	ASSY	.	.	P	.		.	.	.	N-21	1	.	1.0	✓
30	MATPSS	ASSY	.	.	P	.		.	.	.	N-22	1	.	1.0	
30	MATPSS	ASSY	.	.	P	.		.	.	.	N-23	1	.	1.0	✓
30	MATPSS	ASSY	.	.	P	.		.	.	.	N-24	1	.	0.5 ~~1.0~~	✓
~~35~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	

REBECCA RODRIGUEZ
925-5146
ASSEMBLY MECHANIC

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 10718A WCD TA040T WCDDATE 88218

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~35~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
35	MATPSS	ASSY	.	1.0	P	.	8602BE09 ~~WG-8~~	1	.	0.4 ~~0.1~~		.	.	.	
~~40~~	~~MATPSS~~	~~ASSY~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~40~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
40	MATPSS	ASSY	.	1.0	P	.	8602BE09 ~~WG-8~~	1	.	0.5 ~~0.1~~		.	.	.	
~~45~~	~~MATPSS~~	~~ASSY~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~45~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
45	MATPSS	ASSY	.	1.0	P	.	8602BE09 ~~WG-8~~	1	.	0.3 ~~0.1~~		.	.	.	
~~50~~	~~MATPSS~~	~~ASSY~~	.	.	~~T~~	.		.	.	.		.	.	.	
~~50~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
50	MATPSS	ASSY	.	1.0	P	.	8602BE09 ~~WG-8~~	1	.	0.3 ~~0.1~~		.	.	.	
60	MATPSS	ASSY	0.97	1.0	T	.	8602BE05	1	.	0.3		.	.	.	ROUTE TO TEST

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 10718A WCD TA040T WCDDATE 88218

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~60~~	~~MATPSS~~	~~ASSY~~	.	.	~~S~~	.		.	.	.		.	.	.	
~~80~~	~~MATPSS~~	~~ASSY~~	.	.	~~P~~	.	~~WG 9~~	~~1~~	.	~~0.1~~		.	.	.	

FLOW PROCESS CHART

SUBJECT ATSC 100-97-97A STARTER FAINAL ASSEMBLY DATE 5/24/89

ITEM CODE
PCN ☒ 107184
NSN ☐
P/N ☐

WCD TA040T WCD DATE 88218

CHART BEGINS OPERATION 010

CHART ENDS OPERATION 060 PREPARED BY K. ATTARIA

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
10	10	●▷D□▽	ASSEMBLY			○▷D□▽	
30	30	●▷D□▽	"			○▷D□▽	
35	35	●▷D□▽	"			○▷D□▽	
40	40	●▷D□▽	"			○▷D□▽	
45	45	●▷D□▽	"			○▷D□▽	
50	50	●▷D□▽	"			○▷D□▽	
60	60	○●D□▽	ROUTE TO TEST			○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽

ATSC. 0-97-97A

TES.

SAS

8:18 TUESDAY, MARCH 28, 1989 284

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 10718A WCD TA041T WCDDATE 87106

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~5~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~	.		.	.	.		.	.	.	MARTIN SANCHEZ FORMAN ALTERNATE 432-4147
5	MATPSS	TEST	.	1.0	S	.	8602BK05	1	.	0.1		.	.	.	
~~5~~	~~MATPSS~~	~~TEST~~	.	1.	~~P~~	.	~~WG-10~~	~~1~~	.	~~0.1~~		.	.	.	
~~10~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~10~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
10	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG-10~~	1	.	0.2		.	.	.	
~~20~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~20~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
20	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG-10~~	1	.	0.2	N-27	1	.	0.2	
~~20~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~30~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
30	MATPSS	TEST	.	.	P	.	8602BK10 ~~WG-10~~	1	.	0.5	N-27	1	.	0.5	
~~40~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 10718A WCD TA041T WCDDATE 87106

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~40~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
40	MATPSS	TEST	.	1.0	P	.	~~WG-10~~ 8602BK10	1	.	0.3 N-27		1	.	0.3	
~~50~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~50~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
50	MATPSS	TEST	.	1.0	P	.	~~WG-10~~ 8602BK10	1	.	0.3 N-27		1	.	0.3	
~~60~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~60~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
60	MATPSS	TEST	.	1.0	P	.	~~WG-10~~ 8602BK10	1	.	0.3 N-27		1	.	0.3	
~~70~~	~~MATPSS~~	~~TEST~~	0.99	.	~~T~~	.		.	.	.		.	.	.	
~~70~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
70	MATPSS	TEST	.	1.0	P	.	~~WG-10~~ 8602BK10	1	.	0.5 N-27		1	.	0.5	
~~80~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 10718A WCD TA041T WCDDATE 87106

OPER NUMB	RCC	OPFR DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
~~80~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
80	MATPSS	TEST	.	.	P	.	8602BK10 ~~WG-10~~	1	.	0.1	N-27	1	.	0.1	
~~85~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~85~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
85	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG-10~~	1	.	1	N-27	1	.	0.1	
~~90~~	~~MATPSS~~	~~TEST~~	1.00	.	~~T~~	.		.	.	.		.	.	.	
~~90~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
90	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG-10~~	1	.	0.1	N-27	1	.	0.1	
~~100~~	~~MATPSS~~	~~TEST~~	0.97	.	~~T~~	.		.	.	.		.	.	.	
~~100~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
100	MATPSS	TEST	.	1.0	P	.	8602BK05 ~~WG-10~~	1	.	0.2	N-27	1	.	0.2	
~~110~~	~~MATPSS~~	~~TEST~~	0.97	.	~~T~~	.		.	.	.		.	.	.	
~~110~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	

OPERATION PROFILE

NAME _____ ALC SA DATE _____ RCC MATPSS SHEET ___ OF ___

ITEM CD PCN 10718A WCD TA041T WCDDATE 87106

OPER NUMB	RCC	OPER DESC	HIST OCCR	MAND OCCR	OPER TYPE	MAND F HRS	SKILL CD/LVL	QTY	%	HRS	EQUIP CODE	QTY	%	HRS	NOTES
110	MATPSS	TEST	.	1.0	P	.	8602BK05 ~~WG-10~~	1	.	0.2		.	.	.	
~~115~~	~~MATPSS~~	~~TEST~~	0.97	.	~~T~~	.		.	.	.		.	.	.	
~~115~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
115	MATPSS	TEST	.	1.0	P	.	8602BK05 ~~WG-10~~	1	.	0.2		.	.	.	
~~120~~	~~MATPSS~~	~~TEST~~	0.97	.	~~T~~	.		.	.	.		.	.	.	
~~120~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
120	MATPSS	TEST	.	1.0	P	.	8602BK05 ~~WG-10~~	1	.	0.7 ~~0.3~~		.	.	.	
~~130~~	~~MATPSS~~	~~TEST~~	0.97	.	~~T~~	.		.	.	.		.	.	.	
~~130~~	~~MATPSS~~	~~TEST~~	.	.	~~S~~	.		.	.	.		.	.	.	
130	MATPSS	TEST	.	1.0	P	.	8602BK10 ~~WG-10~~	1	.	0.1		.	.	.	

FLOW PROCESS CHART

SUBJECT ATSC 100-97-97A STARTER TEST DATE 5/24/89

ITEM CODE
PCN ☒ 10718A
NSN ☐
P/N ☐

WCD TA041T WCD DATE 87106

CHART BEGINS OPERATION 050

CHART ENDS OPERATION 130 PREPARED BY K. ATTARIA

OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION	OP. PROFILE OP. NO.	WCD OP. NO.	SYMBOLS	DESCRIPTION
5	5	●▷D□▽	SET UP			○▷D□▽	
10	10	●▷D□▽	TEST			○▷D□▽	
20	20	●▷D□▽	"			○▷D□▽	
30	30	●▷D□▽	"			○▷D□▽	
40	40	●▷D□▽	"			○▷D□▽	
50	50	●▷D□▽	"			○▷D□▽	
60	60	●▷D□▽	"			○▷D□▽	
70	70	●▷D□▽	"			○▷D□▽	
80	80	●▷D□▽	"			○▷D□▽	
85	85	●▷D□▽	"			○▷D□▽	
90	90	●▷D□▽	"			○▷D□▽	
100	100	●▷D□▽	"			○▷D□▽	
110	110	●▷D□▽	"			○▷D□▽	
115	115	●▷D□▽	CLEAN			○▷D□▽	
120	120	●▷D□▽	FINAL CHECK			○▷D□▽	
130	130	○▷D■▽	VISUAL INSP.			○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	
		○▷D□▽				○▷D□▽	

○ OPERATION ▽ STORAGE □ INSPECTION

▷ TRANSPORTATION D DELAY

LSC-20147

5.2 MODEL INPUT FILES

THE MODEL INPUT FILES FOR THIS RCC WHERE SUBMITTED UNDER SEPARATE COVER AS AN ATTACHMENT TO MDMSC. LETTER NKE-E016-7622 DATED 19 JULY 1989.

McDonnell Douglas
Missile Systems Company

19 July 1989
NKE-E016-7622

Subject: Contract F33600-88-D-0567, Technology Insertion Engineering Services, Submittal of Validation Minutes

To: Department of the Air Force
Attention: Ms. J. Hoyt (PMRP)
Contracting Officer
Building 1, Area C
Wright Patterson Air Force Base, Ohio 45433-5320

Enclosure: (1) Task Order 1, Process Characterization, Validation of RCCs MATPGB, MATPSI, and MATPSS at SA-ALC, 10-14 July 1989

1. For documentation purposes, McDonnell Missile Systems Company (MDMSC) herein submits the Enclosure (1) validation minutes.

2. Please address any questions or requests for additional information to the undersigned at (314) 233-8724.

D.W. Engelbart

D. W. Engelbart
Senior Contracts Administrator
Advanced Programs

EC: Department of the Air Force
SA-ALC/MAWF
Attn: Mr. Pete Garza
Building 171
Kelly AFB, TX 78241

Department of the Air Force
HQ AFLC/MAQF
Attn: Mr. Doxie Cripe
Building 262, Area A
Wright Patterson AFB, OH 45433-5320

KSS/0112-8

SA-ALC/

MDMSC MODEL

VALIDATION MINUTES

10-14 JULY 1989

VALIDATION IN-BRIEFING
MONDAY, 10 JUL 89, 0845

NAME	ORGANIZATION	PHONE NUMBER
Brown, Trixie	HQ-AFLC/MAQF	(513)257-7114
Conway, Bill	SA-ALC/MAWFT	(512)925-7491
Gardner, Greg	MDMSC	(314)925-5396
Garza, Pete	SA-ALC/MAWFT	(512)925-7491
Gill, Edward	SA-ALC/MATEA	(512)925-8885
Gonzales, Dan	SA-ALC/MATEG	(512)925-4667
Holm, Allen	MDMSC	(314)925-5433
McFarland, Sadie	MDMSC	(314)925-5395
Pfeiffer, Lamar	SA-ALC/MAWSD	(512)925-4747
Stirgus, Connie	SA-ALC/MAWSD	(512)925-4747
Totten, Evan	MDMSC	(314)925-5440
Vroman, Scott	MDMSC/Soft Services	(314)925-5842

10 JULY 1989

- The meeting began at 0800. Greg Gardner briefed the UDOS 2.0 simulation process and model goals and objectives.

- Trixie Brown requested the group establish goals for acceptable variances for validation. Bill recommended ± 10% on throughput and ± 15% on flow time. These goals were accepted by the validation group for all RCCs.

PSS

- Historical flow for all PCNs was examined and found to be erroneous. The historical flow times did not include all WCDs that were applicable. This was corrected and all flow-time variances reduced.

- All parts were found to have acceptable throughputs except 13096A at 32% variance.

- Corrected historical flow times were substantially higher than model flow times. SA-ALC engineers and planners examined the historical data and reported that it was too high. The historical data contained considerable delay time where PCNs were held awaiting parts (clutch assemblies and bearings in particular) in 1988.

- Changes were made in the equipment required for two operations on PCN 13096A.

- Paint shop times were adjusted on 08004A and 08005A from 5 to 60 hours. A new run was conducted.

11 JULY 1989

PSS

- The changes made on 10 Jul corrected the throughput for 13096A. All throughputs were accepted. The increased flow caused an increase in flow time/queue time for several parts.

- SA-ALC engineers examined the equipment profile and felt that it was too detailed. The equipment with utilizations below 5% was deleted. A new run was conducted.

PGB

- The historical data for 13081A, 13094A, and 13095A (parent items) were examined and corrected as for PSS. Corrected flow times were substantially higher than model flow times. SA-ALC personnel examined the history and felt that the history contained substantial delay time for parts and should be much longer than model time.

- All throughputs were found to be acceptable except 13095A, which had a substantial queue for equipment. The machine utilization was changed and a new run conducted.

- Backshop flow times were modified to reflect historical flow vs. interview.

PSI

- No historical data was available. Trixie Brown and the SA-ALC engineer decided to validate using estimated flow time vs. model flow time and throughput. Operations were examined for each PCN and estimates provided.

12 JULY 1989

PSS

- The new run was examined. Equipment deletions had no significant effect on flow times. Queues were distributed across the operations, caused primarily by highly utilized manpower and equipment. RCC supervisory personnel were called in to review the outputs vs. real-world RCC conditions. The RCC personnel indicated that the queue distribution was generally representative of that found in the RCC itself. Examination of flow times was continued.

PSI

- PCNs 13081A/13094A/13096A are disassembled by MATPGB, then received by MATPSI for cleaning and inspection. These three parent assemblies were found to be unnecessary in modeling MATPSI as they are not actually present in this RCC. These PCNs seem to represent "as is" conditions to the best of ALC knowledge.

- RCC personnel were asked to compare conditions within the model and in the RCC.

PGB

- The new run was examined. All throughput problems were corrected and throughputs were accepted. Examination of flow times was continued.

13 JULY 1989

- A brainstorming session was conducted with participants from MDMSC and each RCC, facilitated by Greg Gardner. The factors and levels shown on Attachment (1) were selected by the group. These factors will be fit to a Taguchi orthogonal array and the appropriate experiments conducted by MDMSC beginning 17 Jul 89 in St. Louis.

PSS

- After examination of the most current run, SA-ALC personnel and AFLC representative agreed that all variances could be adequately explained. The model for this RCC seems to represent "as is" shop floor to the best of ALC knowledge.

PSI

- Given the minimal impact of equipment deletion in PSS it was decided not to delete low-utilization equipment in PSI. As a result of the brain-storming session, it was determined (by RCC personnel) that the queues indicated in the model were realistic. When parts actually begin to queue on the shop floor, a temporary second shift is added and/or workers are borrowed from another RCC.

- Backshop flow times were adjusted per SA-ALC personnel on several PCNs. A new run was conducted.

14 JULY 1989

PSI

- After examination of the most current run, SA-ALC personnel and AFLC representatives agreed that all variances could be adequately explained. The model for this RCC seems to represent "as is" conditions of the shop floor to the best of ALC knowledge. The problems with temporary additional manpower/2nd shift operations are heavily addressed in the Taguchi experimentation schedule for the week of 17 Jul 89.

ALL

- The SA-ALC, MDMSC, and HQ-AFLC validation team members agreed that the models for MATPSI, MATPSS, and MATPGB seem to represent the shop floor "as is" condition and are accepted for experimentation.

SA BRAINSTORMING
13 JULY 1989

TAGUCHI FACTORS	LEVELS		
PSI	1	2	3
WORKLOAD	AS IS	SURGE	(E)[1]
CHEM CLEAN	AS IS	IN-HOUSE	SPLIT ~25% IN-HOUSE ~75% BACK-SHOP
INSP TNG	AS IS	+20 INSP TRAINED	+20 INSP UNTRAINED NEW @ 50%
INDUCTIONS	RANDOM FULL SHOP	LEVEL	AS IS EMPTY SHOP @ START[2]

NOTES:

1 (E) IS ACCELERATED INDUCTIONS, VALUE CURRENTLY UNSPECIFIED

2 THIS IS THE ACTUAL "AS IS" FOR PSI

SA BRAINSTORMING
13 JULY 1989

TAGUCHI FACTORS	LEVELS		
PSS	1	2	3
WORKLOAD	AS IS	SURGE	(E)[1]
TEST CAPABILITY	AS IS	3 SHIFT 7 DAY	EXTRA 12712AS 13096A TEST STAND
ASSEMBLER TNG	AS IS	+5 TRAINED	+5 UNTRAINED NEW @ 50%
INDUCTION	RANDOM FULL SHOP	LEVEL	AS IS EMPTY SHOP
TEST REJECTION	AS IS	0[2]	MID POINT

NOTES:

1 (E) IS ACCELERATED INDUCTIONS, VALUE CURRENTLY UNSPECIFIED

2 NIL

SA BRAINSTORMING
13 JULY 1989

TAGUCHI FACTORS	LEVELS		
PGB	1	2	3
WORKLOAD	AS IS	SURGE	(E)[1]
TEST CAPACITY (1)	AS IS	3 SHIFT 7 DAY	+1 ADDED 13094 13095 TEST STAND
BALANCER TNG	AS IS	+3 TRAINED	+3 UNTRAINED NEW @ 50%
INDUCTIONS	RANDOM FULL SHOP	LEVEL	AS IS EMPTY SHOP
TEST REJECTION	AS IS	0[2]	MID POINT
TEST CAPACITY (2)	NEW EQUIP 1-SHIFT	X[3]	X[3]

NOTES:

1 (E) IS ACCELERATED INDUCTIONS, VALUE CURRENTLY UNSPECIFIED

2 NIL

3 X - VALUE NOT KNOWN

13 JULY 1989

- A brainstorming session was conducted with participants from MDMSC and each RCC, facilitated by Greg Gardner. The factors and levels shown on Attachment (1) were selected by the group. These factors will be fit to a Taguchi orthogonal array and the appropriate experiments conducted by MDMSC beginning 17 Jul 89 in St. Louis.

SA BRAINSTORMING
13 JULY 1989

TAGUCHI FACTORS	LEVELS		
PSS	1	2	3
WORKLOAD	AS IS	SURGE	(E)[1]
TEST CAPABILITY	AS IS	3 SHIFT 7 DAY	EXTRA 12712AS 13096A TEST STAND
ASSEMBLER TNG	AS IS	+5 TRAINED	+5 UNTRAINED NEW @ 50%
INDUCTION	RANDOM FULL SHOP	LEVEL	AS IS EMPTY SHOP
TEST REJECTION	AS IS	0[2]	MID POINT

NOTES:

1 (E) IS ACCELERATED INDUCTIONS, VALUE CURRENTLY UNSPECIFIED

2 NIL

4.0 MATPSS.

BRAINSTORMING

After completing validation of the UDOS 2.0 simulation model, for RCC MATPSS, a brainstorming session was conducted with personnel from SA-ALC and MDMSC. This brainstorming session was facilitated by MDMSC and was designed to help SA-ALC personnel select those areas of the RCC which they would like as factors in model experimentation. It resulted in the identification of four (4) factors, at three (3) levels each, for inclusion into the experimental

9.1 GENERAL DESCRIPTION OF FACTORS AND LEVELS

FACTOR NAME	LEVEL 1	LEVEL 2	LEVEL 3
1) TEST CAPACITY :	AS IS	TEST PERSONNEL SPREAD OVER 3 SHIFTS	LEVEL 2 + ADDITIONAL TEST STANDS FOR 12712A & 13096A
2) ASSEMBLER TRAINING :	AS IS	+ 7 Fully - TRAINED ASSEMBLERS	+ 7 UNTRAINED ASSEMBLERS - MODELED AT 50% OF A TRAINED WORKER
3) INDUCTION SCHEDULE :	RANDOM IND. TO A FULL SHOP	RANDOM IND TO AN EMPTY SHOP	LEVEL IND. WORK-IN-PROCES. HELD TO 25% OF SMALLEST FY 88 QUARTER INDUCTIONS.
4) REJECTION RATE :	0% Rejection on all parts - Reduces frequency of operations	5%	10% (AS IS)

10.0 EXPERIMENTATION OF TAGUCHI FACTORS

THE TAGUCHI EXPERIMENTATION WORK SHEETS AND ANALYSIS DRAFTS FOR THIS RCC ARE ENCLOSED IN THIS SECTION. THE FINISHED DRAFT OF THIS DATA IS PRESENTED IN THE "STATISTICAL SYSTEM PERFORMANCE MEASURES" SECTION FOR THIS RCC IN THE CONTRACT SUMMARY REPORT. THE PRINTOUTS FOR THE INDIVIDUAL EXPERIMENTAL RUNS ARE BEING FURNISHED SEPARATELY TO SA-ALC.

SA-ALC PROCESS IMPROVEMENT BRAINSTORMING
TAGUCHI ARRAY FOR EXPEREMENTATION - MATPSS
TABLE 8.7.2-1

TAGUCHI FACTOR	PROCESS LEVEL		
	1	2	3
WORK LOAD	AS-IS	SURGE	ACCELERATED INDUCTIONS
TEST CAPACITY	AS-IS	3 SHIFT, 7 DAY	EXTRA PCN 12712A & 13096A TEST STAND
ASSEMBLER TRAINING	AS-IS	+7 PERSONNEL TRAINED	+7 PERSONNEL UNTRAINED NEW @ 50%
INDUCTION	RANDOM FULL SHOP	LEVEL	AS-IS EMPTY SHOP
TEST REJECTION	AS-IS (10%)	Ø	MID POINT (5%)

LSC-20368

MATPSS L_9 TAGUCHI ORTHOGONAL ARRAY
THROUGHPUT EXPERIMENTATION RESULTS - FY88
TABLE 8.7.2-2

EXP #	QTRS	A TEST CAPACITY	B ASSEMBLER TRAINING	C INDUCTIONS	D TEST REJECTION RATE	NORMAL WORKLOAD		
						AVG	BEST	WORST
1	4	AS IS	AS IS	RANDOM FULL SHOP	10% (AS IS)	99 %	08007A 102%	13096A 94%
2	2	AS IS	+7 ASSEMBLERS TRAINED	LEVEL	0%	96 %	08607A 108%	12712A 97%
3	2	AS IS	+7 ASSEMBLERS UNTRAINED	RANDOM EMPTY SHOP	5%	97 %	13096A 100%	12712A 93%
4	2	3 SHIFTS 7 DAYS/WK	AS IS	LEVEL	5%	102 %	08007A 110%	10718A 98%
5	2	3 SHIFTS 7 DAYS/WK	+7 ASSEMBLERS TRAINED	RANDOM EMPTY SHOP	10% (AS IS)	97 %	10598A 100%	08007A 93%
6	4	3 SHIFTS 7 DAYS/WK	+7 ASSEMBLERS UNTRAINED	RANDOM FULL SHOP	0%	99 %	08004A 101%	08007A 97%
7	4	3 SHFT/7 DAYS + 2 TEST STANDS	AS IS	RANDOM EMPTY SHOP	0%	98 %	10598A 100%	08007A 93%
8	2	3 SHFT/7 DAYS + 2 TEST STAND	+7 ASSEMBLERS TRAINED	RANDOM FULL SHOP	5%	100 %	08007A 110%	10718A 98%
9	2	3 SHFT/7 DAYS + 2 TEST STANDS	+7 ASSEMBLERS UNTRAINED	LEVEL	10% (AS IS)	101 %	10718A 107%	08006A 98%

						SURGE WORKLOAD		
SG1	4	AS IS	AS IS	RANDOM FULL SHOP	10% AS IS	92 %	08004A 101%	08007A 68%
SG2	4	3 SHFT/7 DAYS + 2 TEST STANDS	+7 ASSEMBLERS TRAINED	LEVEL	5%	97 %	04542A 100%	08005A 78%
SG3	4	3 SHFT/7 DAYS + 2 TEST STAND	+7 ASSEMBLERS TRAINED	RANDOM FULL SHOP	5%	93%	12712A 107%	08005A 70%

SA-ALC TAGUCHI EXPERIMENTATION RESULTS:
SIMULATED RCC OPTIMAL CONFIGURATION - MATPSS
TABLE 8.7.2-3

	TEST CAPACITY	ASSEMBLER TRAINING	INDUCTION SCHEDULE	TEST REJECTION
TAGUCHI FACTOR:	1	2	3	4
LEVEL:	3	2	3	2

LSC-20364

MATPSS

8-25-89

			IMPORT →	56/47 = 103	27/15 = 42	82/68 = 150	120/73 = 193	110/107 = 217	50/80 = 130	99/78 = 122	35/34 = 69	20/40 = 60	544/542 = 1086
			EXPORT →										
RUN	#	Q	OP	08004A	08005A	08006A	08007A	34542A	10598A	10718A	12712A	13096A	RUN LENGTH HRS
ES													
	4	91		245.29	250.18	117.09	348.15	47.60	42.15	75.53	283.88	179.96	10920
				190 193	108 105	325 373	399 390	425 425	235 236	258 255	144 145	208 195	
2	2	91		212.57	220.60	89.68	344.70	43.68	38.21	56.56	236.21	62.28	6552
				103 108	42 42	150 149	193 209	217 216	130 131	122 119	69 67	60 60	
3	2	0		226.39	225.28	96.96	328.44	46.03	42.22	68.04	261.43	64.08	4368
				103 101	42 41	150 148	193 182	217 215	130 130	122 116	69 64	60 60	
4	2	91		237.89	239.06	103.86	348.31	45.43	39.60	66.92	256.95	61.72	6552
				103 108	42 42	150 148	193 213	217 216	130 131	122 120	69 69	60 60	
5	2	0		242.37	245.13	104.37	334.57	46.69	43.64	74.37	282.27	70.30	4368
				103 101	42 41	150 146	193 179	217 215	130 130	122 116	69 64	60 60	
6	4	91		219.22	215.45	96.92	324.12	43.28	35.35	60.32	230.66	99.48	10920
				190 192	108 105	325 325	399 389	425 425	235 236	258 257	144 144	208 204	
7	4	0		216.56	211.65	93.47	317.58	43.51	34.61	60.16	235.25	96.77	8736
				190 185	108 105	325 324	399 373	425 424	235 235	258 253	194 191	208 206	
8	2	91		237.89	239.06	103.86	348.31	45.43	39.60	66.92	256.95	61.72	6552
				103 108	42 42	150 148	193 213	217 216	130 131	122 120	69 69	60 60	
9	2	91		252.64	250.82	120.08	376.57	47.13	43.99	75.27	271.41	66.83	6552
				103 110	42 43	150 147	193 207	217 216	130 131	122 131	69 69	60 60	
				90/76/64/	43/39/98/	132/109/137	193/118/116	315/306/229	70/111/60	40/70/69	47/45/48	27/53/77	957/912
AS IS				78 = 308	59 = 174	132 = 510	210 = 637	401 = 1251	80 = 321	46 = 225	51 = 191	116 = 273	898/1173 = 3890
1	4	91		280.25	293.24	112.05	359.94	47.97	46.66	61.48	273.65	105.58	10920
OPTIMAL				308 312	174 118	510 508	637 436	1251 1248	321 322	225 225	191 185	273 238	
2	4	91		964.92	1534.35	247.80	529.03	49.74	48.99	62.12	346.61	191.82	10920
OPTIMAL BUT FS				308 293	174 136	510 503	637 620	1251 1250	321 322	225 224	191 186	273 233	
3	4	91		1492.87	2550.16	750.18	1109.63	67.02	69.68	82.21	532.33	292.93	10920
				308 274	174 104	510 494	637 567	1251 1249	321 321	225 224	191 197	273 206	

Run

~~[redacted]~~ SAPSS

6+7 Test Capacity

Spread 8602 BK10 personnel over 3 shifts / 7 days per week

7 Add 2 ZM-35 Test stands

Assembler TNG

6 Add 7 men as alternates for 8602 BC05. SET [redacted] Availability at 3.2 hours/day

7 Add 7 men " " Availability at 6.3 hours/day

8-25-87

TAGUCHI EXPERIMENT ANALYSIS — L9 ARRAY — 11-Sep-89

ACC : SA — RCC : MATPSS — PCN: 08004A — PSS08004

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FACTOR D LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	1	245	1.02	190	193
2	1	2	2	2	213	1.05	103	108
3	1	3	3	3	226	0.98	103	101
4	2	1	2	3	236	1.05	103	108
5	2	2	3	1	242	0.98	103	101
6	2	3	1	2	219	1.01	190	192
7	3	1	3	2	217	0.97	196	185
8	3	2	1	3	238	1.05	103	108
9	3	3	2	1	253	1.07	103	110
			TOTAL		2091	9.17	1188	1206
			AVERAGE		232	1.02	132.0	134.0
			MAXIMUM		253	1.07	196	193
			MINIMUM		213	0.97	103	101

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	228.1	1.02	1.01	-0.44
A 2	233.2	-0.36	1.01	-0.61
A 3	235.7	-1.46	1.03	1.04
B 1	233.2	-0.40	1.01	-0.66
B 2	230.9	0.59	1.03	0.63
B 3	232.8	-0.19	1.02	0.03
C 1	234.1	-0.78	1.02	0.54
C 2	234.4	-0.88	1.06	3.49
C 3	228.4	1.67	0.99	-4.04
D 1	236.8	-1.22	1.02	0.29
D 2	216.1	5.97	1.01	-0.83
D 3	234.1	-0.75	1.03	0.63
	232.3	0.00	1.02	0.00
	246.3	5.97	1.06	3.49
	216.1	-5.22	0.98	-4.04

TAGUCHI EXPERIMENT ANALYSIS — L9 ARRAY — 11-Sep-89

ALC : SA — RCC : MATPSS — PCN: 03005A — PS908005

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FACTOR D LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	1	250	6.97	108	105
2	1	2	2	2	221	1.60	42	42
3	1	3	3	3	225	0.98	42	41
4	2	1	2	3	239	1.00	42	42
5	2	2	3	1	245	0.98	42	41
6	2	3	1	2	215	6.97	108	105
7	3	1	3	2	212	0.97	108	105
8	3	2	1	3	239	1.60	42	42
9	3	3	2	1	251	1.92	42	43
TOTAL					2097	3.39	576	566
AVERAGE					233.0	0.99	64.0	±2.9
MAXIMUM					251	1.92	108	105
MINIMUM					212	0.97	42	41

	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	232.0	0.43	0.98	-0.54
A 2	233.2	-0.08	0.98	-0.54
A 3	233.8	-0.35	1.60	1.07
B 1	233.6	-0.26	0.98	-0.67
B 2	234.9	-0.82	0.99	0.40
B 3	230.5	1.18	0.99	0.27
C 1	234.9	-0.80	0.96	-0.67
C 2	236.8	-1.63	1.01	2.61
C 3	227.4	2.43	0.97	-1.34
D 1	248.7	-6.73	0.99	0.27
D 2	215.9	7.35	0.95	-0.67
D 3	234.5	-0.62	0.99	0.40

TAGUCHI EXPERIMENT ANALYSIS L9 ARRAY 12-Sep-89

ALC : SA RCC : MAIPSS PCN: 08006A FILE : PSS08006

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FACTOR D LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	1	117	0.99	325	323
2	1	2	2	2	90	0.99	150	149
3	1	3	3	3	97	0.99	150	148
4	2	1	2	3	104	0.99	150	148
5	2	2	3	1	104	0.97	150	146
6	2	3	1	2	97	1.00	325	325
7	3	1	3	2	93	1.00	325	324
8	3	2	1	3	104	0.99	150	148
9	3	3	2	1	120	0.98	150	147
			TOTAL		926	8.90	1875	1852
			AVERAGE		102.9	0.99	208.3	206.4
			MAXIMUM		120	1.00	325	325
			MINIMUM		90	0.97	150	146

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	101.2	1.63	0.99	0.27
A 2	101.7	1.17	0.99	-0.20
A 3	105.8	-2.80	0.99	-0.07
B 1	104.8	-1.83	0.99	0.39
B 2	99.3	3.52	0.98	-0.42
B 3	104.7	-1.68	0.99	0.03
C 1	106.0	-2.95	0.99	0.50
C 2	104.5	-1.57	0.99	-0.29
C 3	98.3	4.52	0.99	-0.30
D 1	113.8	-10.62	0.98	-0.63
D 2	93.4	9.29	1.00	0.82
D 3	101.6	1.32	0.99	-0.20

TAGUCHI EXPERIMENT ANALYSIS — L9 ARRAY — 11-Sep-89

ALC : SA — RCC : MATPSS — PCN: 08007A — FILE : PSS08007

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FACTOR D LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	1	348	0.98	399	390
2	1	2	2	2	345	1.08	193	209
3	1	3	3	3	328	0.94	193	182
4	2	1	2	3	348	1.10	193	213
5	2	2	3	1	335	0.93	193	179
6	2	3	1	2	324	0.97	399	389
7	3	1	3	2	318	0.93	399	373
8	3	2	1	3	348	1.10	193	213
9	3	3	2	1	377	1.07	193	207
TOTAL					3071	9.12	2355	2353
AVERAGE					341.2	1.01	261.7	261.7
MAXIMUM					377	1.10	399	390
MINIMUM					318	0.93	193	179

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	340.4	0.22	1.00	-1.21
A 2	335.7	1.62	1.00	-1.12
A 3	347.5	-1.84	1.04	2.33
B 1	338.0	0.93	1.01	-0.80
B 2	342.5	-0.39	1.04	2.43
B 3	343.0	-0.54	1.00	-1.63
C 1	340.2	0.29	1.02	0.52
C 2	356.5	-4.49	1.09	7.20
C 3	326.9	4.20	0.94	-7.72
D 1	353.1	-3.49	0.99	-2.06
D 2	328.8	3.63	1.00	-1.56
D 3	341.7	-0.14	1.05	3.62

TAGUCHI EXPERIMENT ANALYSIS — L9 ARRAY — 11-Sep-89

ALC : SA — RCC : MATPSS — PCN: 04542A — FILE : PSS04542

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FACTOR D LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	1	48	1.00	425	425
2	1	2	2	2	44	1.00	217	216
3	1	3	3	3	46	0.99	217	215
4	2	1	2	3	45	1.00	217	216
5	2	2	3	1	47	0.99	217	215
6	2	3	1	2	43	1.00	425	425
7	3	1	3	2	44	1.00	425	424
8	3	2	1	3	45	1.00	217	216
9	3	3	2	1	47	1.00	217	216
			TOTAL		409	8.96	2577	2568
			AVERAGE		45.4	1.00	286.3	285.3
			MAXIMUM		48	1.00	425	425
			MINIMUM		43	0.99	217	215

	FLOW TIME		THRU PUT	
FACTOR	EFFECT	PERCENT	EFFECT	PERCENT
A 1	45.8	-0.77	1.00	-0.03
A 2	45.1	0.63	1.00	-0.03
A 3	45.4	0.14	1.00	0.05
B 1	45.5	-0.21	1.00	0.20
B 2	45.3	0.34	0.99	-0.18
B 3	45.5	-0.13	1.00	-0.03
C 1	45.4	-0.04	1.00	0.28
C 2	45.4	0.01	1.00	-0.03
C 3	45.4	0.02	0.99	-0.26
D 1	47.1	-3.79	1.00	-0.03
D 2	43.5	4.25	1.00	0.20
D 3	45.6	-0.46	0.99	-0.18
	45.4	0.00	1.00	0.00
	47.1	4.25	1.00	0.28
	43.5	-3.79	0.99	-0.26

TAGUCHI EXPERIMENT ANALYSIS — L9 ARRAY — 11-Sep-89

ALC : SA — RCC : MATPSS — PCN: 10598A — FILE : PSS10598

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FACTOR D LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	1	42	1.00	235	236
2	1	2	2	2	38	1.01	130	131
3	1	3	3	3	42	1.00	130	130
4	2	1	2	3	40	1.01	130	131
5	2	2	3	1	44	1.00	130	130
6	2	3	1	2	35	1.00	235	236
7	3	1	3	2	35	1.00	235	235
8	3	2	1	3	40	1.01	130	131
9	3	3	2	1	44	1.01	130	131
			TOTAL		359	9.04	1485	1491
			AVERAGE		39.9	1.00	165.0	165.7
			MAXIMUM		44	1.01	235	236
			MINIMUM		35	1.00	130	130

	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	40.9	2.33	1.00	-0.04
A 2	39.5	1.00	1.00	-0.04
A 3	39.4	1.33	1.01	0.08
B 1	38.8	2.86	1.00	-0.04
B 2	40.5	-1.39	1.01	0.08
B 3	40.5	-1.48	1.00	-0.04
C 1	39.0	2.25	1.01	0.10
C 2	40.6	-1.68	1.01	0.33
C 3	40.2	-0.57	1.00	-0.43
D 1	43.3	-8.34	1.00	-0.04
D 2	36.1	9.70	1.00	-0.04
D 3	40.5	-1.36	1.01	0.08

TAGUCHI EXPERIMENT ANALYSIS — L9 ARRAY — 11-Sep-89

ALC : SA — RCC : MATPSS — PCN: 10718A — FILE : PSS10718

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FACTOR D LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	1	75	0.99	258	255
2	1	2	2	2	57	0.98	122	119
3	1	3	3	3	68	0.95	122	116
4	2	1	2	3	67	0.98	122	120
5	2	2	3	1	74	0.95	122	116
6	2	3	1	2	60	1.00	259	257
7	3	1	3	2	60	0.98	259	253
8	3	2	1	3	67	0.98	122	120
9	3	3	2	1	75	1.07	122	131
			TOTAL		604	8.88	1566	1487
			AVERAGE		67.1	0.99	167.3	165.2
			MAXIMUM		76	1.07	258	257
			MINIMUM		57	0.95	122	116

	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	66.7	0.61	0.97	-1.57
A 2	67.2	-0.12	0.98	-1.03
A 3	67.5	-0.49	1.01	2.60
B 1	67.5	-0.62	0.98	-0.29
B 2	66.0	1.74	0.97	-1.73
B 3	67.9	-1.13	1.01	2.01
C 1	67.6	-0.70	0.99	0.24
C 2	66.3	1.30	1.01	2.42
C 3	67.5	-0.60	0.96	-2.66
D 1	75.1	-11.82	1.00	1.75
D 2	59.0	12.08	0.98	-0.30
D 3	67.3	-0.26	0.97	-1.45

TAGUCHI EXPERIMENT ANALYSIS — L9 ARRAY — 12-Sep-89

ALC : SA — RCC : MATPSS — PCN: 12712A — FILE : PSS12712

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FACTOR D LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	1	284	1.01	144	145
2	1	2	2	2	236	0.97	69	67
3	1	3	3	3	261	0.93	69	64
4	2	1	2	3	257	1.00	69	69
5	2	2	3	1	282	0.93	69	64
6	2	3	1	2	231	1.00	144	144
7	3	1	3	2	235	0.98	144	141
8	3	2	1	3	257	1.00	69	69
9	3	3	2	1	271	1.00	69	69
			TOTAL		2315	8.81	946	932
			AVERAGE		257.2	0.98	94.0	92.4
			MAXIMUM		284	1.01	144	145
			MINIMUM		231	0.93	69	64

	FLOW TIME		THRU PUT	
FACTOR	EFFECT	PERCENT	EFFECT	PERCENT
A 1	260.5	-1.28	0.97	-1.09
A 2	256.6	0.23	0.98	-0.34
A 3	254.5	1.04	0.99	1.42
B 1	258.7	-0.57	1.00	1.66
B 2	258.5	-0.49	0.97	-1.32
B 3	254.5	1.06	0.98	-0.34
C 1	257.2	0.02	1.00	2.37
C 2	254.9	0.92	0.99	1.14
C 3	259.7	-0.94	0.94	-3.51
D 1	279.2	-8.54	0.98	-0.10
D 2	234.0	9.01	0.98	0.44
D 3	258.4	-0.47	0.98	-0.34

TAGUCHI EXPERIMENT ANALYSIS — L9 ARRAY — 13-Sep-89

ALC : SA — RCC : MATFSS — PCN: 13096A — FILE : PSS13096

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FACTOR D LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	1	105	0.94	208	195
2	1	2	2	2	62	1.00	60	60
3	1	3	3	3	64	1.00	60	60
4	2	1	2	3	52	1.00	60	60
5	2	2	3	1	70	1.00	60	60
6	2	3	1	2	99	0.98	208	204
7	3	1	3	2	97	0.99	208	206
8	3	2	1	3	62	1.00	60	60
9	3	3	2	1	67	1.00	60	60
			TOTAL		688	8.91	984	965
			AVERAGE		76.5	0.99	109.3	107.2
			MAXIMUM		105	1.00	208	206
			MINIMUM		62	0.94	60	60

	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	77.1	-0.86	0.98	-1.08
A 2	77.2	-0.92	0.99	0.38
A 3	75.1	1.78	1.00	0.70
B 1	87.8	-14.86	0.98	-1.40
B 2	64.8	15.30	1.00	1.03
B 3	76.8	-0.43	0.99	0.38
C 1	88.7	-16.05	0.97	-1.73
C 2	63.6	16.81	1.00	1.03
C 3	77.1	-0.77	1.00	0.70
D 1	80.7	-5.55	0.98	-1.08
D 2	86.2	-12.70	0.99	0.05
D 3	62.5	18.25	1.00	1.03

4.0 MATPSS.

BRAINSTORMING

After completing validation of the UDOS 2.0 simulation model for RCC MATPSS, a brainstorming session was conducted with personnel from SA-ALC and MDMSC. This brainstorming session was facilitated by MDMSC and was designed to help SA-ALC personnel select those areas of the RCC which they would like as factors in model experimentation. It resulted in the identification of four (4) factors, at three (3) levels each, for inclusion into the experimentatio

9.1 GENERAL DESCRIPTION OF FACTORS AND LEVELS

FACTOR NAME	LEVEL 1	LEVEL 2	LEVEL 3
A) TEST CAPACITY :	AS IS	TEST PERSONNEL SPREAD OVER 3 SHIFTS	LEVEL 2 + ADDITIONAL TEST STANDS FOR 12712A & 13096A.
B) ASSEMBLER TRAINING :	AS IS	+ 7 Fully - TRAINED ASSEMBLERS	+ 7 UNTRAINED ASSEMBLERS - MODELED AT 50% OF A TRAINED WORKER
C) INDUCTION SCHEDULE :	RANDOM IND. TO A FULL SHOP	RANDOM IND TO AN EMPTY SHOP	LEVEL IND. WIP - IN - PROCESS HELD TO 25% OF SMALLEST FY 88 QUARTER'S INDUCTIONS.
D) REJECTION RATE :	0% Rejection on all parts - Reduces frequency of operations	5%	10% (AS IS)

MATPSS

10.0 EXPERIMENTATION

The factors and levels developed in the Brainstorming session were fitted into a Taguchi L(9) orthogonal array for model experimentation. The use of this array reduced the number of runs required from 81 to 9.

10.1 ORTHOGONAL ARRAY

Table # 10.1 is the orthogonal array used to design the experimentation for this RCC.

TAGUCHI L(9) ARRAY
FACTORS

EXPERIMENT #	1 TEST CAPACITY	2 ASSEMBLER TRAINING	3 INDUCTION SCHEDULE	4 TEST REJECTION
1	AS IS	AS IS	RANDOM IND. FULL SHOP	10% (AS IS)
2	AS IS	+7 ASSEMBLERS TRAINED	LEVEL INDUCTIONS	Ø % REJECTS
3	AS IS	+7 ASSEMBLERS UN TRAINED	RANDOM IND. EMPTY SHOP	5% REJECTS
4	3 SHIFTS - 7 DAYS/WK	AS IS	LEVEL INDUCTIONS	5% REJECTS
5	3 SHIFTS - 7 DAYS/WK	+7 ASSEMBLERS TRAINED	RANDOM IND. EMPTY SHOP	AS IS 10% REJECTS
6	3 SHIFTS - 7 DAYS/WK	+7 ASSEMBLERS UN TRAINED	RANDOM IND FULL SHOP	Ø % REJECTS
7	3 SHFT/7 DAYS + 2 TEST STANDS	AS IS	RANDOM IND. EMPTY SHOP	Ø % REJECTS
8	3 SHFT/ 7 DAYS + 2 TEST STANDS	+7 ASSEMBLERS TRAINED	RANDOM IND FULL SHOP	5% REJECTS
9	3 SHFT / 7 DAYS + 2 TEST STANDS	+7 ASSEMBLERS UN TRAINED	LEVEL INDUCTIONS	AS IS 10% REJECTS

TABLE # 10.1

CHANGE FACTORS TO ALPHA CHARACTERS

10.2 CONDUCT OF THE EXPERIMENTS

The experimental runs described in Table 10-1 were conducted on the WDOS 2.0 model under normal (AS IS) workload conditions. APPENDIX ___ provides the detailed results of these runs, including response charts and a table of results by PCN. Table 10-2 shows the optimal RCC configuration. It should be noted that only Factor D - Rejection Rate - showed significant effects on PCN flowtime. ONLY Factor C - INDUCTION SCHEDULE - showed significant effect on PCN Throughput. No signal-to-Noise calculations were performed as no noise factors were incorporated into the array.

OPTIMAL CONFIGURATION

FACTOR:	A	B	C	D
LEVEL:	3	2	3	2

TABLE 10-2

10.2.1 SURGE

The RCC was modeled under surge workload conditions as well as normal. Surge figures for PCN inductions were based on data provided by HQ-AFLC. Given the extremely flat responses from factors A and B, and the linear response of factor D, no orthogonal array was deemed necessary for surge experiments. Three surge runs were conducted; one at optimal configuration, one at optimal with factor C - INDUCTION SCHEDULE - SET AT LEVEL 1 (to test the effect on throughput) and one at the AS IS (Baseline) configuration. The results are detailed in appendix ___.

10.3 RESULTS SUMMARY - NORMAL WORKLOAD

- FLOW TIME WAS LARGELY UNAFFECTED BY CHANGES IN TEST CAPACITY OR ASSEMBLER TRAINING. IN SPITE OF THE INTUITIVE FEELING OF MATOSS SUPERVISION - THESE AREAS ARE NOT BOTTLENECKS OF THE "AS IS" PROCESS.

- REJECTION RATE HAD A MAJOR, LINEAR AFFECT ON FLOW TIME FOR ALL PARTS. Any reduction in Reject RATE OR OPERATION TIMES WILL RELIABLY PRODUCE A CORRESPONDING REDUCTION IN FLOWTIME FOR THAT PCN.

- THE INDUCTION SCHEDULE HAD VERY LITLE EFFECT ON OVERALL PCN FLOW TIME. WHEN PRE-INDUCTION QUEUE TIMES WERE SUBTRACTED, HOWEVER, FLOWTIMES FOR SEVERAL PCNs DROPPED DRAMATICALLY UNDER LEVEL INDUCTIONS. ADDITIONALLY, THROUGH PUT (UNAFFECTED BY ANY OTHER FACTOR) WAS SIGNIFICANTLY IMPROVED UNDER LEVEL INDUCTIONS. PARTS MOVED THROUGH THE SYSTEM MUCH MORE QUICKLY AND RELIABLY UNDER LEVEL INDUCTIONS.

- ALTHOUGH NO INTERACTIONS WERE SPECIFICALLY MODELED, A MILD INTERACTION APPEARS TO EXIST BETWEEN TEST CAPACITY - LEVEL 2 (SHIFT WORK) AND REJECTION RATES. USE OF EXTENDED SHIFTS, COUPLED WITH A REDUCTION IN REJECT RATE CAN BE EXPECTED TO CAUSE A DECREASE IN FLOW TIME GREATER THAN THE SUM OF THE CHANGES.

10.4 RESULTS SUMMARY – SURGE WORKLOAD.

- UNDER SURGE WORKLOAD, FLOW TIMES INCREASED FOR ALL PCNs. Small but significant queues formed at a variety of operations. While test stands were critical for most parts, manpower appeared to be the most critical resource. The tight manpower situation tended to exacerbate the queues for each piece of equipment.

- The Taguchi optimum configuration performed better than the AS IS configuration under surge workloads. The additional manpower, equipment and reduced rejection rate produced significant improvements in both flowtime and throughput. Even the Taguchi configuration, however, was overloaded under the surge workload.

- Using the same maximum work-in-progress (WIP) figures (Leveled Inductions) as were applied to the AS IS workload, resulted in problems. While flowtimes remained at their AS IS levels, throughput dropped from 96.8% (Taguchi optimum with unleveled inductions) to 92.3% (Taguchi optimum with leveled inductions). These WIP levels, selected to approximate process capacity at normal work loads, are too restrictive to handle surge. A more detailed experiment using various WIP levels would be necessary to gain the full benefit of leveled inductions at surge.

10.5 CONCLUSIONS & Recommendations

While improvements in RCC operation can be obtained by adding additional equipment and/or manpower, the most attractive improvements can be obtained by adjusting the induction schedule. If further experimentation were performed, the UOOS 2.0 model could be used to determine the exact capacity of the RCC in the AS IS configuration. If inductions were adjusted to meet this capacity, a more balanced line would result. If the [illegible]

10.5 cont.

a Just-In-Time (JIT) parts flow could be developed. This would result in an optimum flowtime and throughput, with a minimum amount of inventory and work in process, thus, giving a substantial decrease in cost with no requirement for capital investment. If the overall capacity under this method is still not sufficient, shift work and additional manpower should be added before new capital equipment is purchased.

MATPSS

APPENDIX

RESULTS SUMMARY TABLE
FLOW TIMES

EXPERIMENTAL RUN Num.	08004A	08005A	08006A	08007A	04542A	10598A	10713A	12712A	13016A	THROUGH PUT
1	266.93	256.17	132.23	376.28	47.77	41.93	75.87	285.56	105.19	98.9%
2	212.57	220.60	89.68	344.70	43.68	38.21	1.56	236.21	62.28	101 %
3	226.39	225.28	96.96	328.44	46.03	42.22	68.04	261.43	64.08	97.3%
4	237.89	239.06	103.86	348.31	45.43	39.60	66.92	256.95	61.72	102 %
5	242.37	245.13	104.37	334.57	46.69	43.64	74.37	282.27	70.30	96.9%
6	214.24	201.04	90.05	314.95	43.62	36.96	58.7[illegible]	235.73	59.47	97.5%
7	214.24	201.04	90.05	314.95	43.62	36.96	58.[illegible]5	235.73	59.47	97.5%
8	237.89	239.06	103.86	348.31	45.43	39.10	66.92	256.95	61.72	102%
9	252.14	250.82	120.08	376.57	47.13	43.99	75.27	271.41	66.83	101 %
SURGE 1	280.25	293.24	112.05	359.94	47.97	46.66	61.48	273.65	105.58	92.3%
SURGE 2	964.92	1534.35	247.80	529.03	49.74	48.99	62.12	346.61	191.82	96.8%
SURGE 3	1492.87	2550.16	750.18	1109.63	67.02	69.68	82.21	532.33	292.93	93.5%

MAT PSS

TAGUCHI L_9 ARRAY

PCN: 08004A

EXP	TEST CAPACITY	ASSEMBLER TNG	INDUCTION SCHED.	REST... RATE	FLOW TIME	S/N db
	AS IS	AS IS	FULL	10%	20. 3	
2	AS IS	+7 TND	LEVEL	Ø	212.57	
3	AS IS	+7 UN TND	EMPTY	5%	226.39	
4	3 SFT/7 DAY	AS IS	LEVEL	5%	237.89	
5	3 SFT/7 DAY	+7 TND	EMPTY	10%	242.37	
6	3SFT/7DAY	+7 UNTND	FULL	Ø	214.24	
7	LEVEL 2 + NEW STANDS	AS IS	EMPTY	Ø	214.24	
8	LEVEL 2 + NEW STANDS	+7 TND	FULL	5%	237.89	
9	LEVEL 2 + NEW STANDS	+7 UNTND	LEVEL	10%	252.64	

$\bar{X} = 233.91$

08004A

REJECTION RATE

0%: $\overline{R_{(0)}} = 213.68$: $-(\bar{x} - \overline{R_{(0)}}) = -20.23$ Hours
-8.6%

5%: $\overline{R_{(5)}} = 234.006$: $-(\bar{x} - \overline{R_{(5)}}) = .15$ Hours
N/A

10%: $\overline{R_{(10)}} = 253.98$: $-(\bar{x} - \overline{R_{(10)}}) = 20.07$ Hours
8.6%

INDUCTION SCHEDULES

FULL SHOP: $\overline{R_{(F)}} = 239.69$: $-(\bar{x} - \overline{R_{(F)}}) = 5.78$ Hours
2.5%

EMPTY SHOP: $\overline{R_{(E)}} = 227.67$: $-(\bar{x} - \overline{R_{(E)}}) = -6.24$ Hours
-2.7%

LEVEL INDUCTIONS: $\overline{R_{(L)}} = 234.37$: $-(\bar{x} - \overline{R_{(L)}}) = .5$ Hours
$.2\%$

LEVEL INDUCTIONS CORRECTED FOR PRE-INDUCTION QUEUING:

$\overline{R_{(LL)}} = 198.33$: $-(\bar{x} - \overline{R_{(LL)}}) = -35.58$ Hours
15.2%

NOTE: $R_{(LL)}$ = AVG FLOWTIME − AVG WORK IN PROCESS QUEUE TIME

08004A

TEST CAPACITY

AS IS: $\overline{R_{(1)}} = 235.30$: $-(\bar{x} - \overline{R_{(1)}}) = 1.39$ Hours

.6%

3 SHFT: $\overline{R_{(2)}} = 231.5$: $-(\bar{x} - \overline{R_{(2)}}) = -2.41$ Hours

1.03%

3 SHFT + EQ: $\overline{R_{(3)}} = 234.92$: $-(\bar{x} - \overline{R_{(3)}}) = 1.01$ Hours

.4%

NOTE: T.E EXTRA TEST EQUIPMENT USED IN LEVEL 3 IS NOT USED ON THIS PCN.

ASSEMBLER TRAINING

AS IS: $\overline{R_{(1)}} = 239.69$; $-(\bar{x} - \overline{R_{(1)}}) = 5.78$ Hours

2.5%

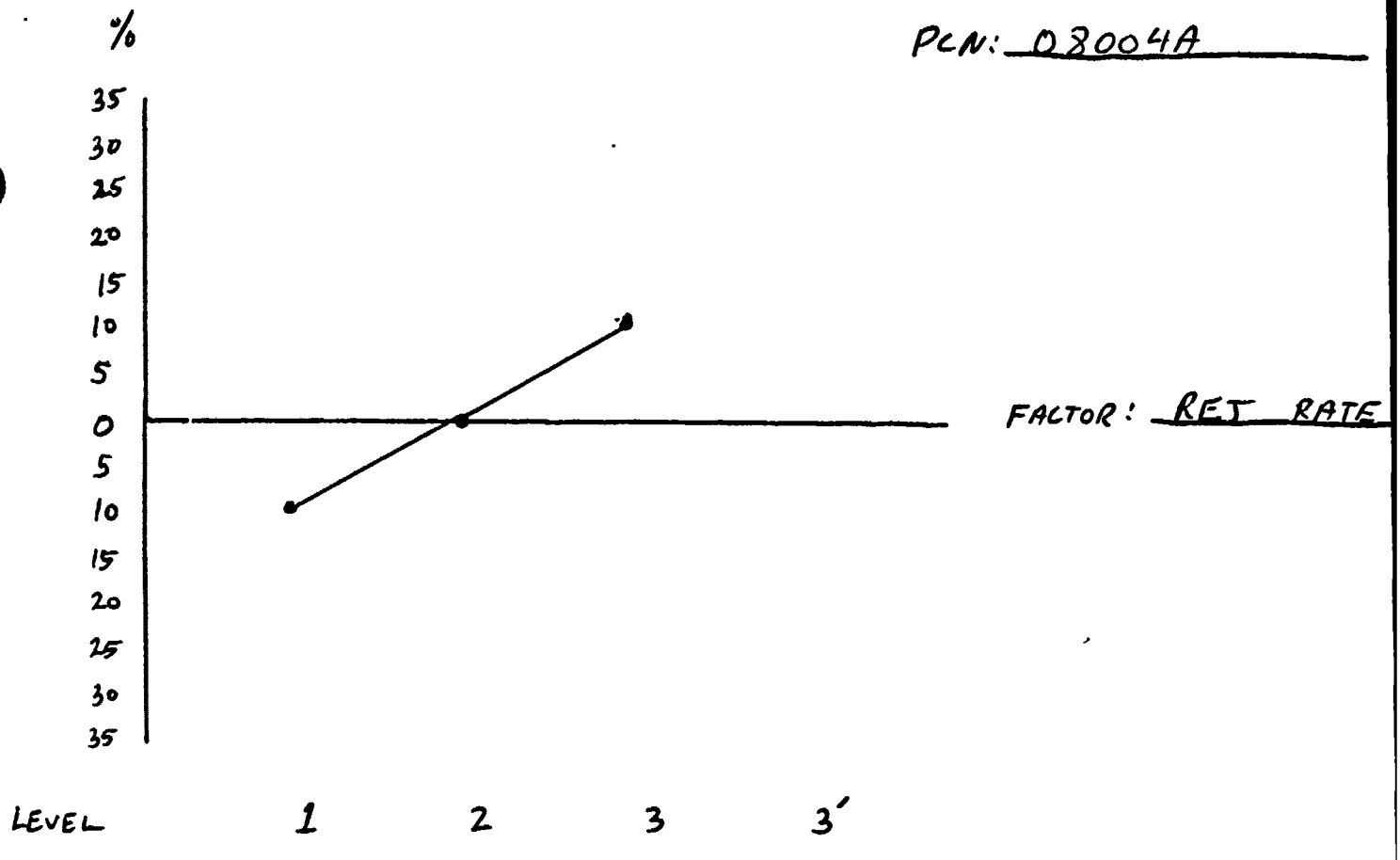
+7 TND: $\overline{R_{(2)}} = 230.94$: $-(\bar{x} - \overline{R_{(2)}}) = -2.97$ Hours

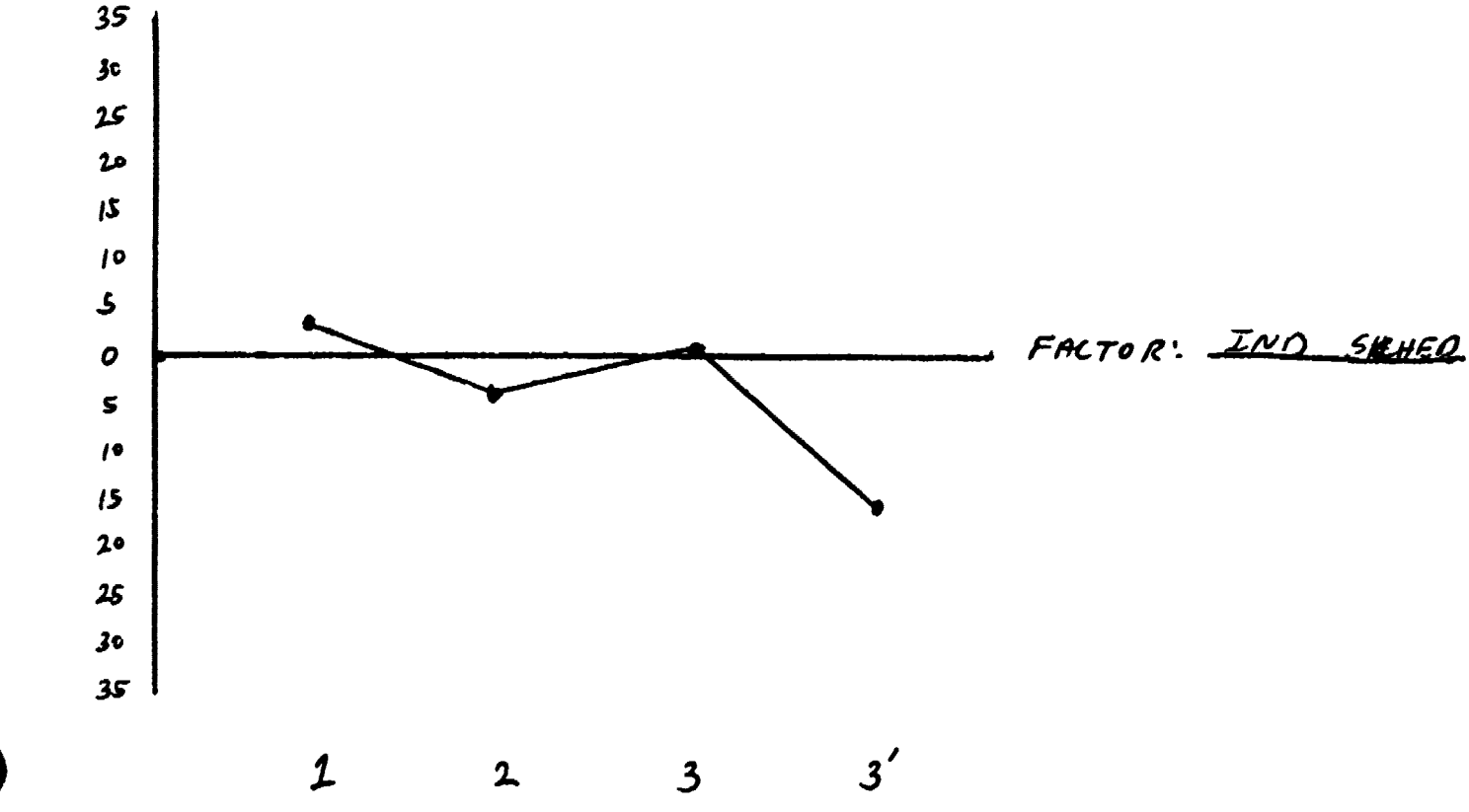
1.3%

+7 UNTND: $\overline{R_{(3)}} = 231.09$: $-(\bar{x} - \overline{R_{(3)}}) = -2.82$ Hours

1.2%

PCN: 08004A


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MATPSS

TAGUCHI L_9 ARRAY

PCN: 08005A

EXP	TEST CAPACITY	ASSEMBLER TNG	INDUCTION SCHED.	REJECT RATE	FLOW TIME	S/N db
1	AS IS	AS IS	FULL	10%	256.17	
2	AS IS	+7 TND	LEVEL	Ø	220.60	
3	AS IS	+7 UN TND	EMPTY	5%	225.23	
4	3 SFT/7 DAY	AS IS	LEVEL	5%	239.06	
5	3 SFT/7 DAY	+7 TND	EMPTY	10%	245.13	
6	3SFT/7DAY LEVEL 2 +	+7 UNTND	FULL	Ø	201.04	
7	NEW STANDS LEVEL 2 +	AS IS	EMPTY	Ø	201.04	
8	NEW STANDS LEVEL 2 +	+7 TND	FULL	5%	239.06	
9	NEW STANDS	+7 UNTND	LEVEL	10%	250.82	

$\bar{Y} = 230.\hat{1}\,i$

08005A

TEST CAPACITY

AS IS: $\overline{R_{(1)}} = 234.02$: $-(\bar{x} - \overline{R_{(1)}}) = 3.12$ Hours
1.4%

3 SHFT: $\overline{R_{(2)}} = 228.41$: $-(\bar{x} - \overline{R_{(2)}}) = -2.5$ Hours
1.1%

3 SHFT + EQ: $\overline{R_{(3)}} = 230.31$: $-(\bar{x} - \overline{R_{(3)}}) = -.60$ Hours
.3%

NOTE: EQUIPMENT ADDED IN LEVEL 3 DOES NOT AFFECT THIS PCN

ASSEMBLER TRAINING

AS IS : $\overline{R_{(1)}} = 232.09$: $-(\bar{x} - \overline{R_{(1)}}) = 1.18$ Hours
.5%

+ 7 TND : $\overline{R_{(2)}} = 234.93$: $-(\bar{x} - \overline{R_{(2)}}) = 4.02$ Hours
1.7%

+ 7 UNTND: $\overline{R_{(3)}} = 225.71$: $-(\bar{x} - \overline{R_{(3)}}) = -5.20$ Hours
2.3%

08005A

REJECTION RATE

0% : $\overline{R_{(0)}} = 207.56$: $-(\bar{x} - \overline{R_{(0)}}) = -23.35$ Hours
-10.1%

5% : $\overline{R_{(5)}} = 234.47$: $-(\bar{x} - \overline{R_{(5)}}) = 3.56$ Hours
1.5%

10% : $\overline{R_{(10)}} = 250.71$: $-(\bar{x} - \overline{R_{(10)}}) = 19.80$ Hours
8.6%

INDUCTION SCHEDULE

FULL : $\overline{R_{(F)}} = 232.09$: $-(\bar{x} - \overline{R_{(F)}}) = 1.18$ Hours
$.5\%$

EMPTY : $\overline{R_{(E)}} = 223.82$: $-(\bar{x} - \overline{R_{(E)}}) = -7.09$ Hours
-3.1%

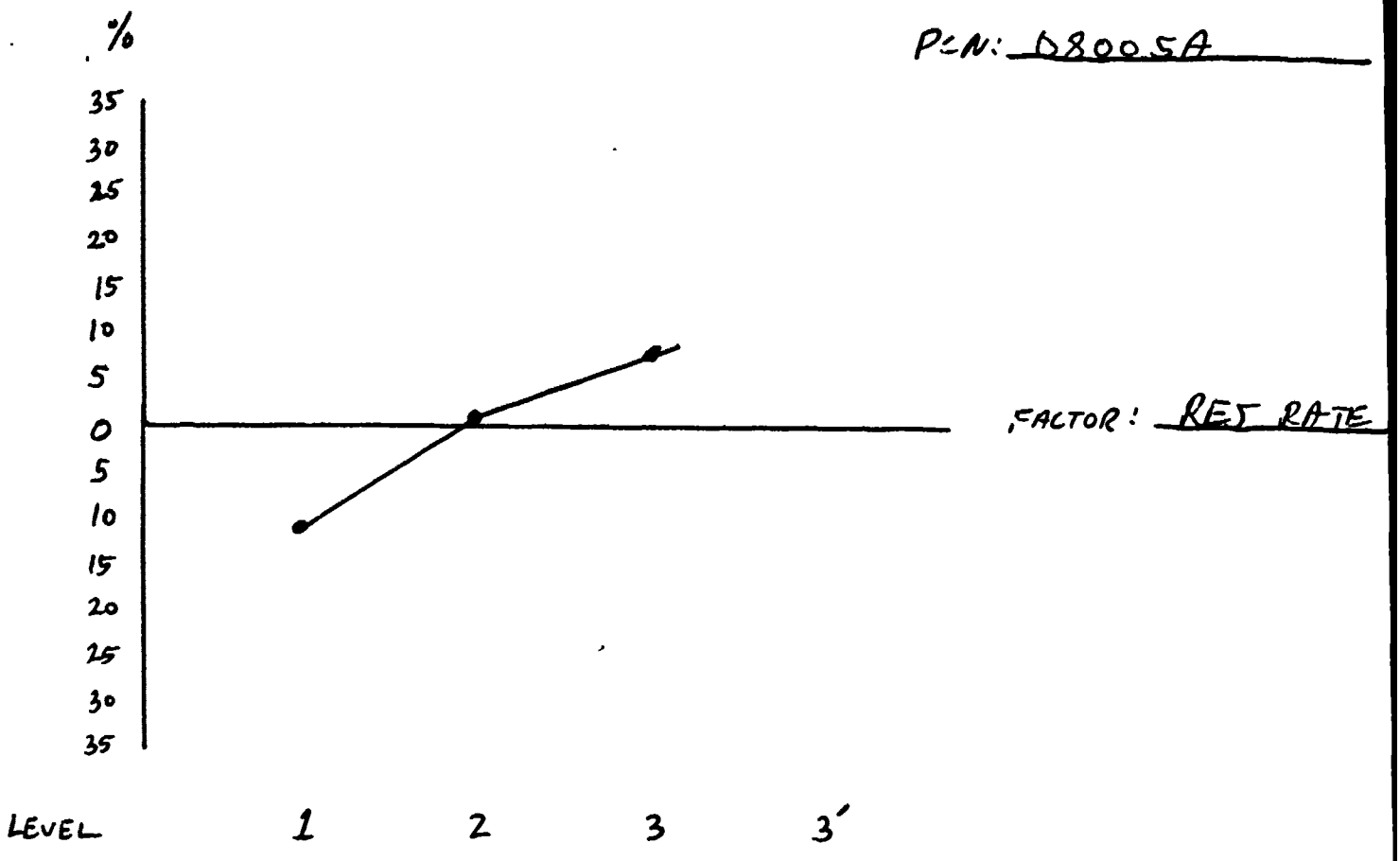
LEVEL : $\overline{R_{(L)}} = 236.83$: $-(\bar{x} - \overline{R_{(L)}}) = 5.92$ Hours
2.6%

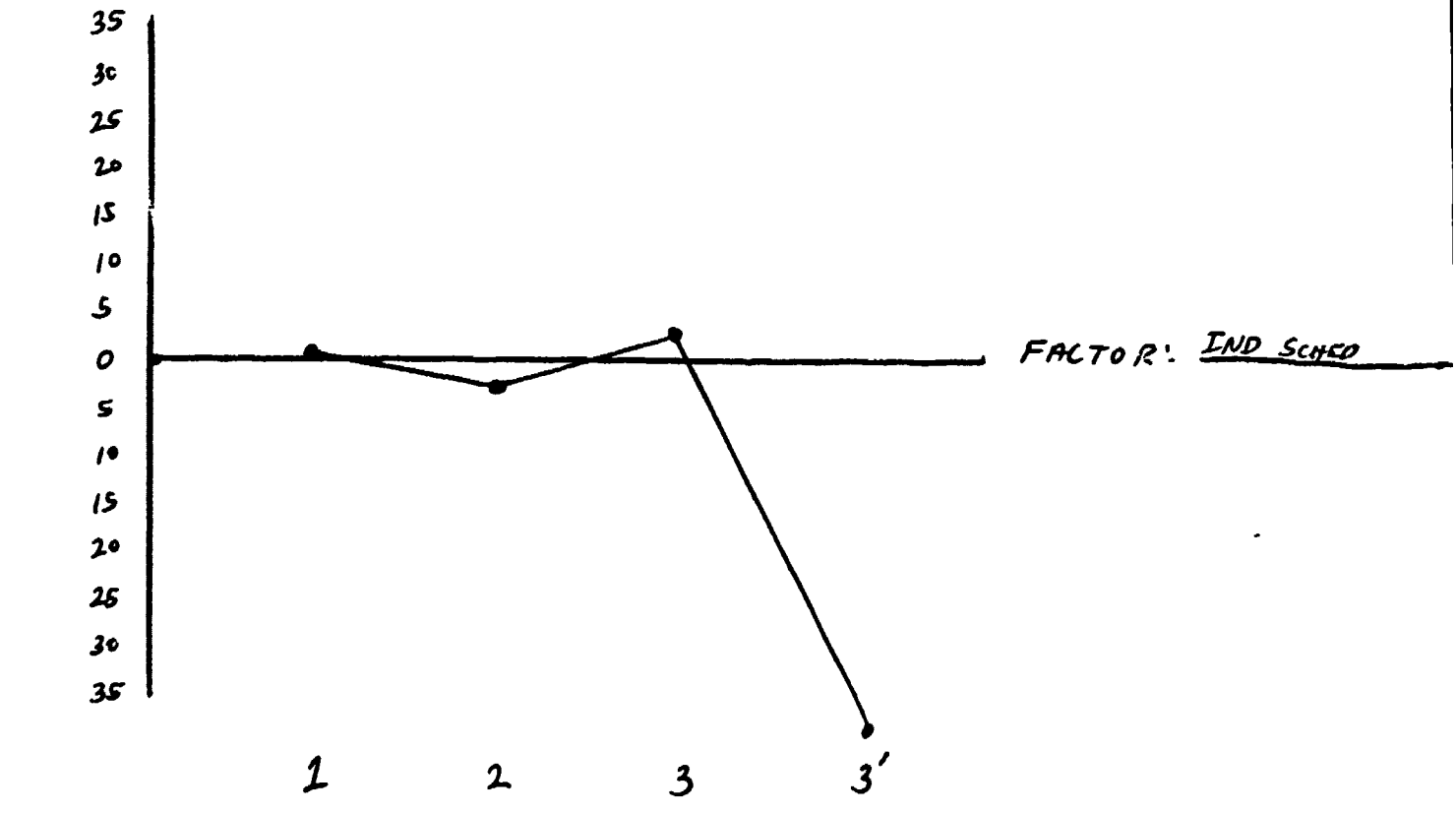
LEVEL INDUCTIONS CORRECTED FOR PRE-INDUCTION QUEUING:

$\overline{R_{(L)}} = 148.99$: $-(\bar{x} - \overline{R_{(L)}}) = -81.92$ Hours
-35.5%

NOTE: $R_{(L)}$ = AVG FLOW TIME − AVG WORK IN PROCESS QUEUE TIME

P/N: D8005A


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MAT PSS

TAGUCHI L_9 ARRAY

PCN: 08006A

EXP	TEST CAPACITY	ASSEMBLER ING	INDUCTION SCHED.	REJECT RATE	FLOW TIME	S/N db
1	AS IS	AS IS	FULL	10%	132.23	
2	AS IS	+7 TND	LEVEL	Ø	89.68	
3	AS IS	+7 UN TND	EMPTY	5%	96.96	
4	3 SFT/7 DAY	AS IS	LEVEL	5%	103.36	
5	3 SFT/7 DAY	+7 TND	EMPTY	10%	104.37	
6	3SFT/7DAY	+7 UNTND	FULL	Ø	90.05	
7	LEVEL 2 + NEW STANDS	AS IS	EMPTY	Ø	90.05	
8	LEVEL 2 + NEW STANDS	+7 TND	FULL	5%	103.86	
9	LEVEL 2 + NEW STANDS	+7 UNTND	LEVEL	10%	120.08	

$\overline{X} = 103.46$

O 8006A

REJECTION RATE

0%: $\overline{R_{(0)}} = 89.93$: $-(\bar{x} - \overline{R_{(0)}}) = -13.5$ Hours

-13.05% $\Omega = -8.24$

5%: $\overline{R_{(5)}} = 101.56$: $-(\bar{x} - \overline{R_{(5)}}) = -1.9$ Hours

-1.8% $\Omega = -17.28$

10%: $\overline{R_{(10)}} = 118.89$: $-(\bar{x} - \overline{R_{(10)}}) = 15.43$ Hours

14.9% $\Omega = 7.56$

INDUCTION SCHEDULE

FULL: $\overline{R_{(F)}} = 108.71$: $-(\bar{x} - \overline{R_{(F)}}) = 5.25$ Hours

5.07% $\Omega = +17.72$

EMPTY: $\overline{R_{(E)}} = 97.$: $-(\bar{x} - \overline{R_{(E)}}) = -6.33$ Hours

-6.2% $\Omega = -11.8$

LEVEL: $\overline{R_{(L)}} = 104.54$: $-(\bar{x} - \overline{R_{(L)}}) = 1.08$ Hours

1.04% $\Omega = +19.77$

NOTE: THERE WERE NO 08006A PARTS WAITING IN THE WIP QUEUE DURING THESE RUNS.

NOTE: $\Omega = -10\left[\log_{10}\left(\frac{100}{\%} - 1\right)\right]$

08006A

TEST CAPACITY

AS IS : $\overline{R_{(1)}} = 106.29$: $-(\bar{x} - \overline{R_{(1)}}) =$ 2.83 Hours
2.7% $\Omega = 15.51$

3 SHFT : $\overline{R_{(2)}} = 99.43$: $-(\bar{x} - \overline{R_{(2)}}) =$ -4.03 Hours
-4% $\Omega = -13.92$

3SHFT + EQ : $\overline{R_{(3)}} = 104.66$: $-(\bar{x} - \overline{R_{(3)}}) =$ 1.20 Hours
1.2% $\Omega = 19.3$

NOTE: EQUIPMENT ADDED IN LEVEL 3 DOES NOT AFFECT THIS PCN

ASSEMBLER TRAINING

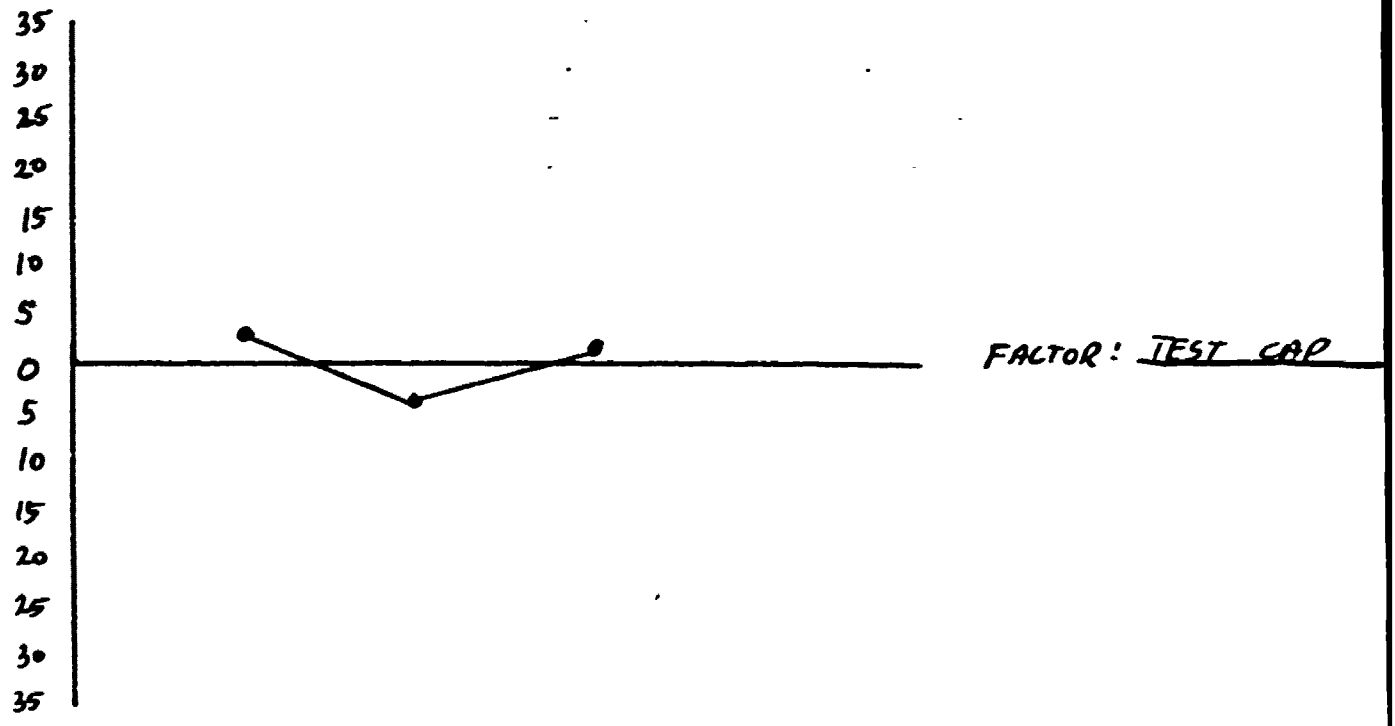
AS IS : $\overline{R_{(1)}} = 108.71$: $-(\bar{x} - \overline{R_{(1)}}) =$ 5.25 Hours
5.07% $\Omega = 17.72$

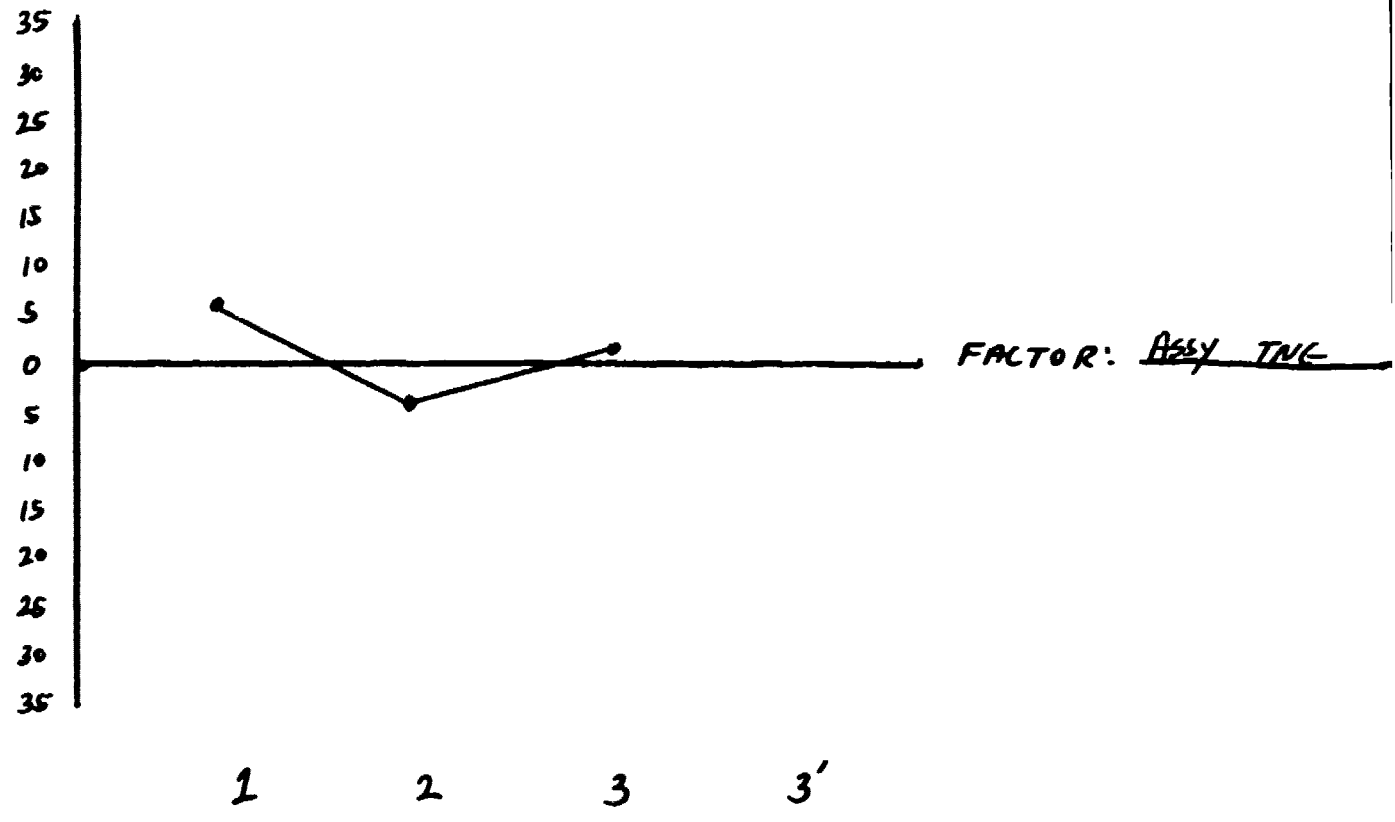
+ 7 TND : $\overline{R_{(2)}} = 99.30$: $-(\bar{x} - \overline{R_{(2)}}) =$ -4.16 Hours
-4.02% $\Omega = -13.78$

+7 UN TND : $\overline{R_{(3)}} = 102.36$: $-(\bar{x} - \overline{R_{(3)}}) =$ -1.1 Hours
1.06% $\Omega = -19.69$

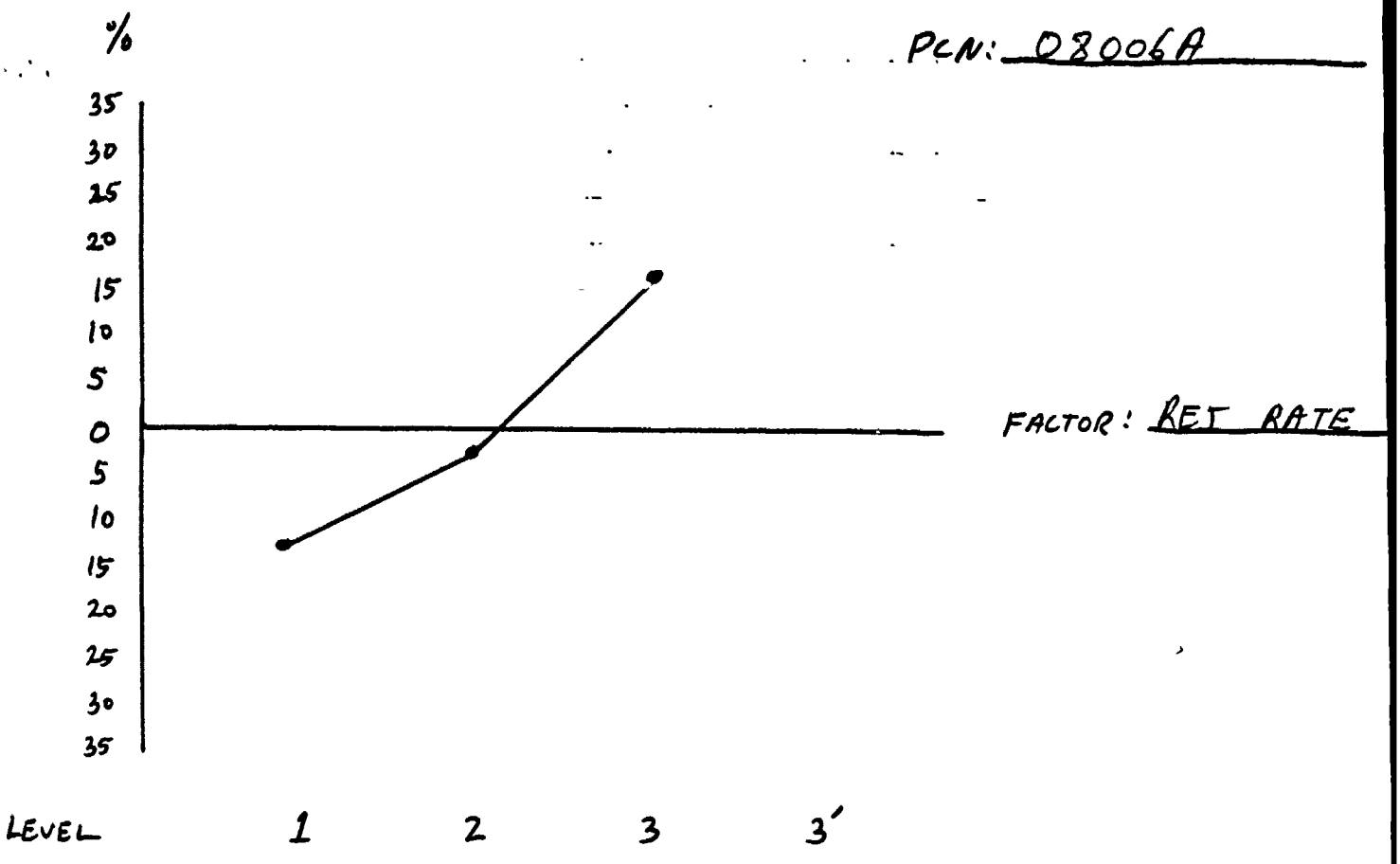
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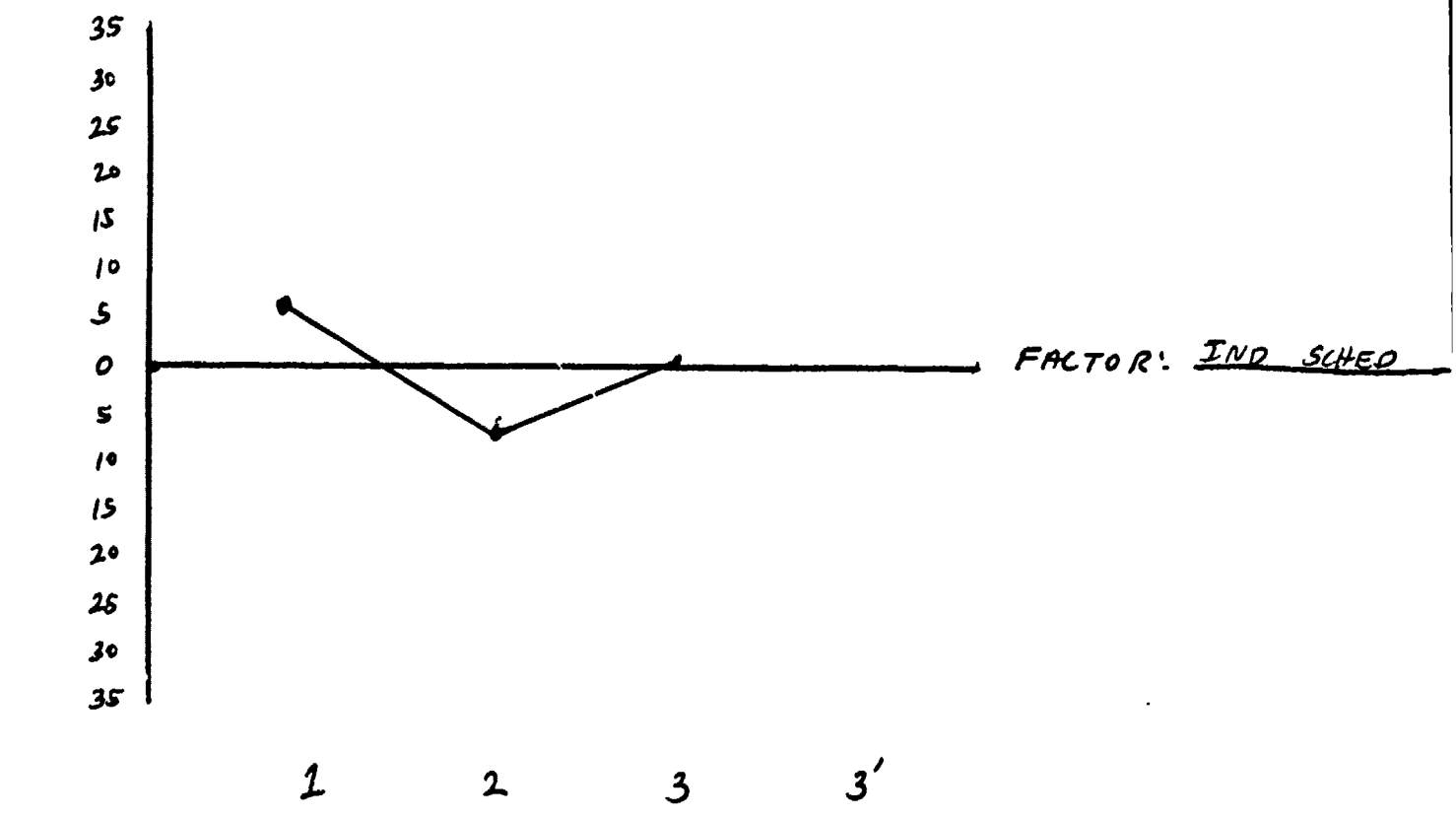
PCN: 08006A


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PCN: 08006A


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MATPSS

TAGUCHI L_9 ARRAY

PCN: 03007A

EXP	TEST CAPACITY	ASSEMBLER ING	INDUCTION SCHED.	REJECT RATE	FLOW TIME	S/N db
1	AS IS	AS IS	FULL	10%	376.28	-25.76
2	AS IS	+7 TND	LEVEL	Ø	344.70	-25.37
3	AS IS	+7 UN TND	EMPTY	5%	328.44	-25.16
4	3 SFT/7 DAY	AS IS	LEVEL	5%	348.31	
5	3 SFT/7 DAY	+7 TND	EMPTY	10%	334.57	-25.24
6	3SFT/7DAY	+7 UNTND	FULL	Ø	314.95	-24.98
7	LEVEL 2 + NEW STANDS	AS IS	EMPTY	Ø	314.95	-24.98
8	LEVEL 2 + NEW STANDS	+7 TND	FULL	5%	348.31	
9	LEVEL 2 + NEW STANDS	+7 UNTND	LEVEL	10%	376.57	-25.76

$\bar{X} = 343.01$

08007A

TEST CAPACITY

AS IS: $\overline{R_{(1)}} = 349.81$: $-(\bar{x} - \overline{R_{(1)}}) =$ 6.80 Hours

2%

3 SHIFT: $\overline{R_{(2)}} = 332.61$: $-(\bar{x} - \overline{R_{(2)}}) =$ −10.4 Hours

3%

3SHIFT/ EXTRA EQ.: $\overline{R_{(3)}} = 346.61$: $-(\bar{x} - \overline{R_{(3)}}) =$ 3.6 Hours

1.05%

NOTE: THE EXTRA TEST EQUIPMENT USED IN LEVEL 3 DOES NOT AFFECT THIS PCN.

ASSEMBLER TRAINING

AS IS: $\overline{R_{(1)}} = 346.51$: $-(\bar{x} - \overline{R_{(1)}}) =$ 3.5 Hours

1.02%

+7 TRAINED: $\overline{R_{(2)}} = 342.53$: $-(\bar{x} - \overline{R_{(2)}}) =$ −.5 Hours

N/A

+7 UNTRAINED: $\overline{R_{(3)}} = 339.99$: $-(\bar{x} - \overline{R_{(3)}}) =$ −3.02

.9%

080074

REJECTION RATE

0% : $\bar{R}_{(0)} = 324.87$: $-(\bar{x} - \bar{R}_{(0)}) = -18.14$ hours (-5.3%)

5% : $\bar{R}_{(5)} = 341.69$: $-(\bar{x} - \bar{R}_{(5)}) = -1.3$ hours ($-.4\%$)

10% : $\bar{R}_{(10)} = 362.47$: $-(\bar{x} - \bar{R}_{(10)}) = 19.46$ hours (5.7%)

INDUCTION SCHEDULE

FULL SHOP : $\bar{R}_{(F)} = 346.51$: $-(\bar{x} - \bar{R}_{(F)}) = 3.5$ hours (1.02%)

EMPTY SHOP : $\bar{R}_{(E)} = 330.57$: $-(\bar{x} - \bar{R}_{(E)}) = -12.44$ hours (-3.6%)

LEVEL INDUCTIONS : $\bar{R}_{(L)} = 356.52$: $-(\bar{x} - \bar{R}_{(L)}) = 13.52$ hours (3.9%)

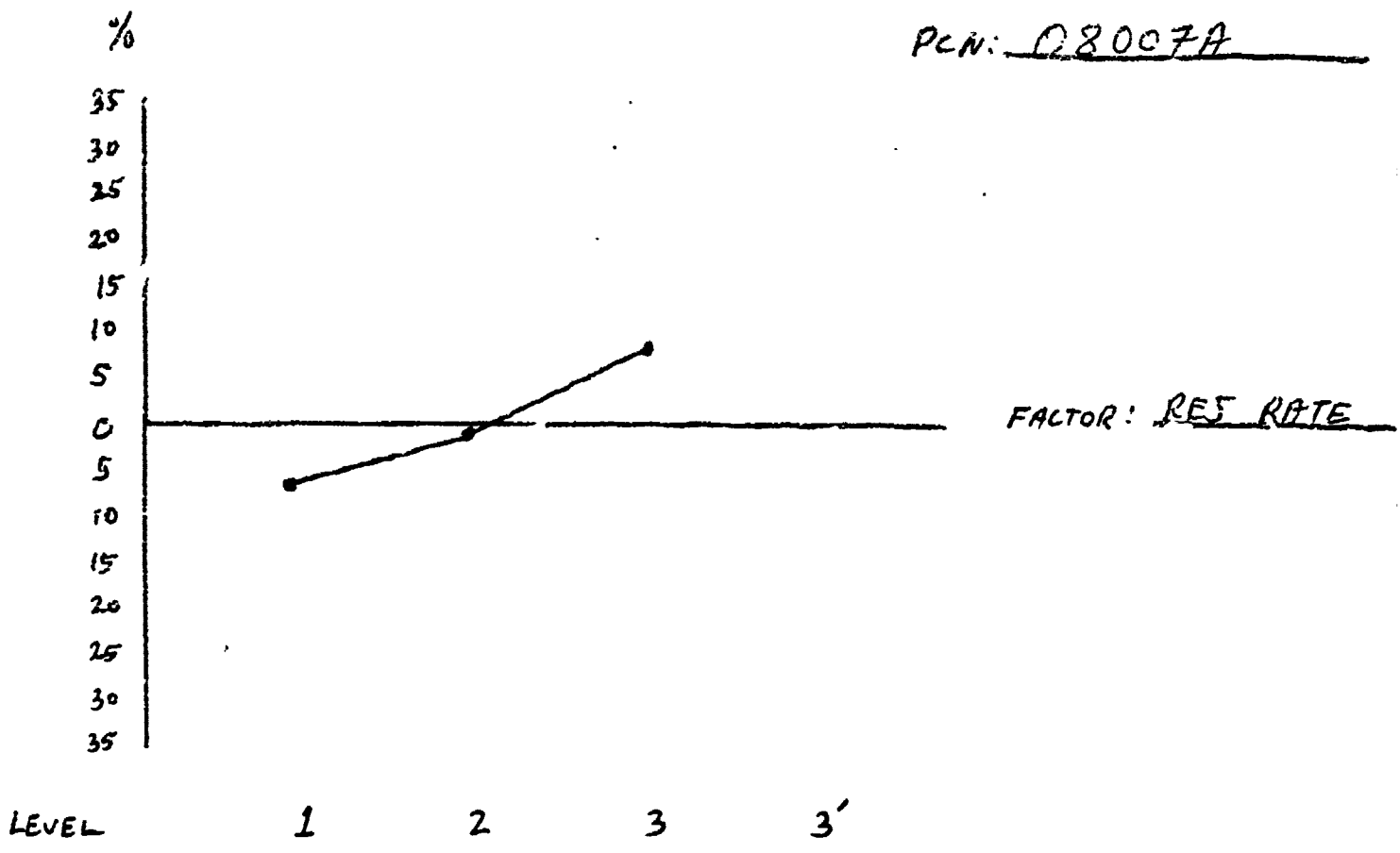
LEVEL INDUCTIONS CORRECTED FOR RRE-INDUCTION QUEUEING:

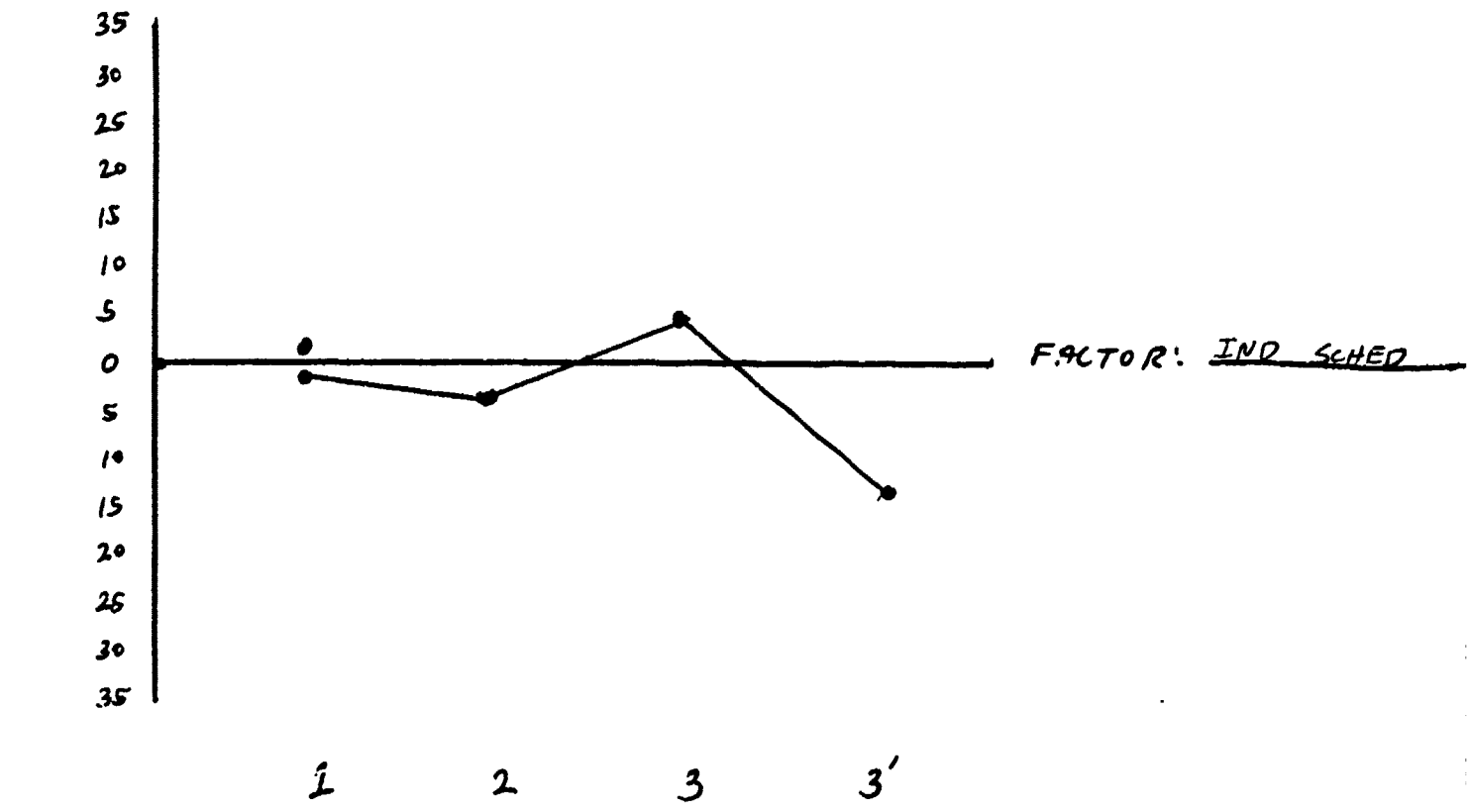
$\bar{R}_{(LC)} = 301.48$: $-(\bar{x} - \bar{R}_{(LC)}) = -41.52$ hours (-12.1%)

NOTE: $R_{(LC)}$ = MAX FLOW TIME − AVG WORK-IN-PROCESS WAITING TIME

MAX FLOW TIME WAS USED INSTEAD OF AVERAGE FLOWTIME BECAUSE WIP WAIT TIMES IN EXP #9 Actually exceeded Avg FLOW TIMES.

PCN: 02007A


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FACTOR: IND SCHED
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MAT PSS

TAGUCHI L_9 ARRAY

PLN: 04542A

EXP	TEST CAPABILITY	DISEMBLER TNG	INJECTION SCHED.	REJECT RATE	FLOW TIME	S/N db
	AS IS	AS IS	FULL	10%	47.77	
2	AS IS	+7 TND	LEVEL	∅	43.68	
3	AS IS	+7 UN TND	EMPTY	5%	46.03	
4	3 SFT/7 DAY	AS IS	LEVEL	5%	45.49	
5	3 SFT/7 DAY	+7 TND	EMPTY	10%	46.69	
6	3SFT/7DAY	+7 UNTND	FULL	∅	43.62	
7	LEVEL 2 + NEW STANDS	AS IS	EMPTY	∅	43.62	
8	LEVEL 2 + NEW STANDS	+7 TND	FULL	5%	45.43	
9	LEVEL 2 + NEW STANDS	+7 UNTND	LEVEL	10%	47.13	

$\bar{X} = 45.49$

04542A

TEST CAPACITY

AS IS : $\overline{R_{(1)}} = 45.83$: $-(\bar{x} - \overline{R_{(1)}}) = .34$ Hours (.7%)

3 SHFT : $\overline{R_{(2)}} = 45.25$: $-(\bar{x} - \overline{R_{(2)}}) = -.24$ Hours (.5%)

3 SHFT + EQ : $\overline{R_{(3)}} = 45.39$: $-(\bar{x} - \overline{R_{(3)}}) = -.10$ Hours (.2%)

NOTE: THE EQUIPMENT ADDED IN LEVEL 3 DID NOT AFFECT THIS PCN.

ASSEMBLER TRAINING

AS IS : $\overline{R_{(1)}} = 45.61$: $-(\bar{x} - \overline{R_{(1)}}) = .12$ Hours (.3%)

+7 TND : $\overline{R_{(2)}} = 45.27$: $-(\bar{x} - \overline{R_{(2)}}) = -.22$ Hours (.5%)

+7 UNTND : $\overline{R_{(3)}} = 45.59$: $-(\bar{x} - \overline{R_{(3)}}) = .10$ Hours (.2%)

04542A

REJECTION RATE

0% : $\overline{R_{(0)}}$ = 43.64 : $-(\bar{x} - \overline{R_{(0)}})$ = -1.85 Hours
-4.1%

5% : $\overline{R_{(5)}}$ = 45.63 : $-(\bar{x} - \overline{R_{(5)}})$ = .14 Hours
.3%

10% : $\overline{R_{(10)}}$ = 47.28 : $-(\bar{x} - R_{(10)})$ = 1.71 Hours
3.8%

INDUCTION SCHEDULE

FULL : $\overline{R_{(F)}}$ = 45.61 : $-(\bar{x} - \overline{R_{(F)}})$ = .12 Hours
.3%

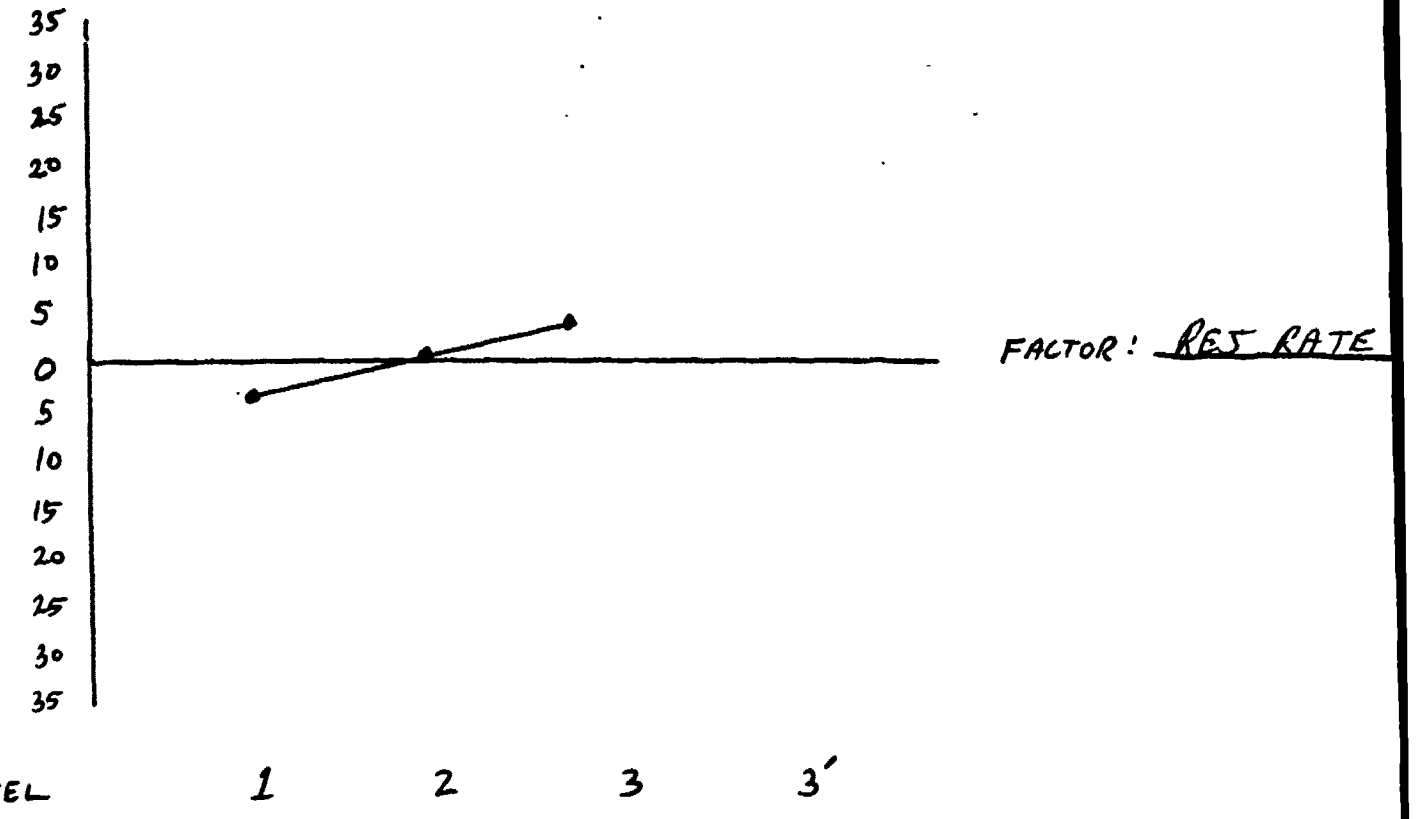
EMPTY : $\overline{R_{(E)}}$ = 45.45 : $-(\bar{x} - \overline{R_{(E)}})$ = -.04 Hours
N/A

LEVEL : $\overline{R_{(L)}}$ = 45.41 : $-(\bar{x} - \overline{R_{(L)}})$ = -.08 Hours
N/A

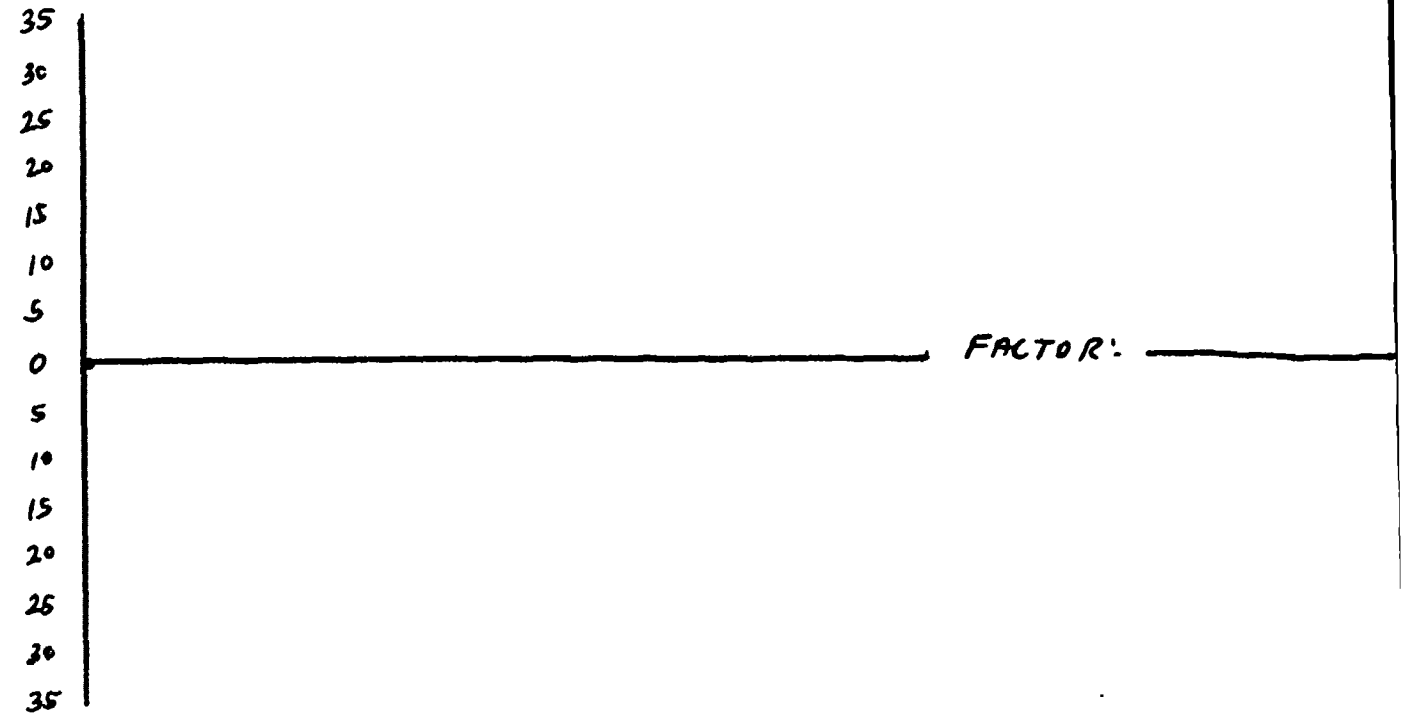
NOTE: THERE WERE NO 04542A PARTS IN THE WIP QUEUE DURING THESE RUNS

%

PCN: 04542A



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1 2 3 3′

MAT PSS

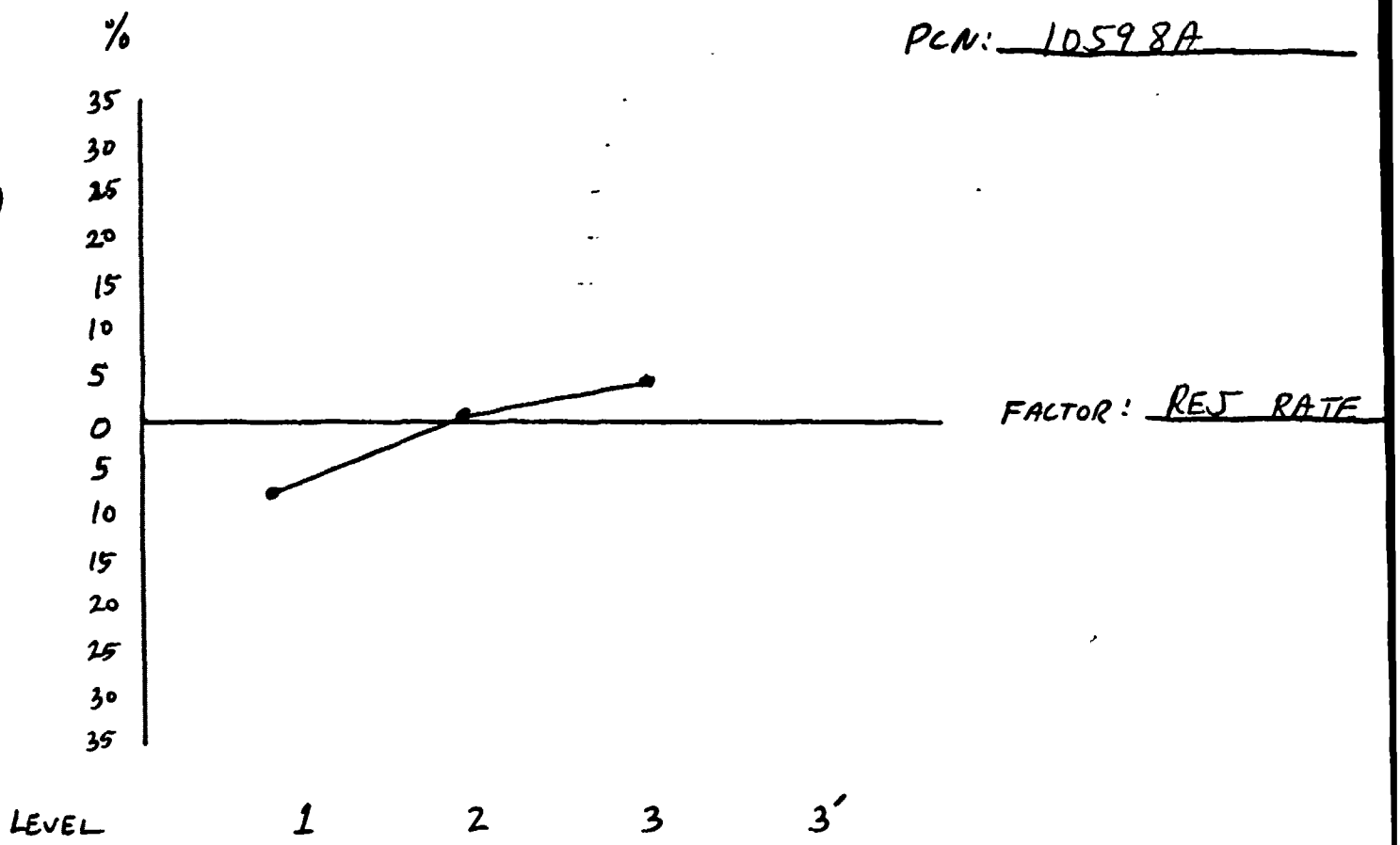
TAGUCHI L_9 ARRAY

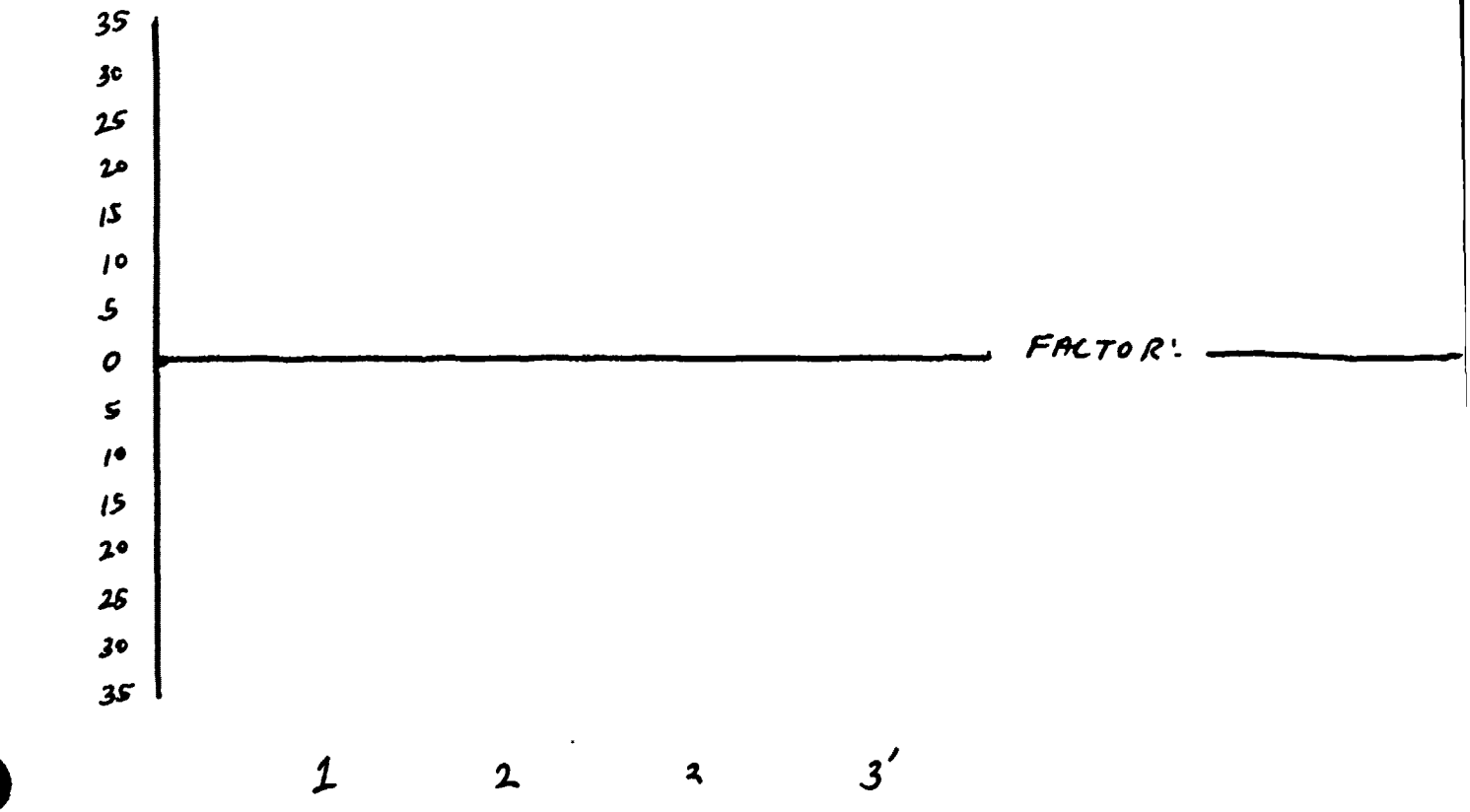
PCN: 10588A

EXP	TEST CAPACITY	ASSEMBLER TNG	INJECTION SCHED.	REJECT RATE	FLOW TIME	S/N db
1	AS IS	AS IS	FULL	10%	~~41.93~~	
2	AS IS	+7 TND	LEVEL	0	38.21	
3	AS IS	+7 UN TND	EMPTY	5%	42.22	
4	3 SFT/7 DAY	AS IS	LEVEL	5%	39.60	
5	3 SFT/7 DAY	+7 TND	EMPTY	10%	43.64	
6	3SFT/7DAY	+7 UNTND	FULL	0	36.96	
7	LEVEL 2 + NEW STANDS	AS IS	EMPTY	0	36.96	
8	LEVEL 2 + NEW STANDS	+7 TND	FULL	5%	39.60	
9	LEVEL 2 + NEW STANDS	+7 UNTND	LEVEL	10%	43.99	

$\bar{X} = 40.35$

PCN: 10598A


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FACTOR: REJ RATE
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FACTOR:
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10598 A

TEST CAPACITY

AS IS	: $\overline{R_{(1)}}$ =	40.79	: $-(\bar{x} - \overline{R_{(1)}})$ = .44 Hours 1.1 %
3 SHFT	: $\overline{R_{(2)}}$ =	40.07	: $-(\bar{x} - \overline{R_{(2)}})$ = -.28 Hours .7 %
3 SHFT + EQ.	: $\overline{R_{(3)}}$ =	40.18	: $-(\bar{x} - \overline{R_{(3)}})$ = -.17 Hours .4 %

NOTE: THE EQUIPMENT ADDED IN LEVEL 3 DOES NOT AFFECT THIS PLAN

[redacted]

ASSEMBLER TRAINING

AS IS	: $\overline{R_{(1)}}$ =	39.5	: $-(\bar{x} - \overline{R_{(1)}})$ = -.85 Hours 2.1 %
+7 TND	: $\overline{R_{(2)}}$ =	40.48	: $-(\bar{x} - \overline{R_{(2)}})$ = .13 Hours .3 %
+7 UNTND	: $\overline{R_{(3)}}$ =	41.06	: $-(\bar{x} - \overline{R_{(3)}})$ = .71 Hours 1.8 %

10598A

REJECTION RATE

0%: $\overline{R_{(0)}} = 37.38$: $-(\bar{x} - \overline{R_{(0)}}) = -2.97$ Hours
-7.4%

5%: $\overline{R_{(5)}} = 40.47$: $-(\bar{x} - \overline{R_{(5)}}) = .12$ Hours
$.3\%$

10%: $\overline{R_{(10)}} = 43.19$: $-(\bar{x} - \overline{R_{(10)}}) = 2.84$ Hours
7.03%

INDUCTION SCHEDULE

FULL: $\overline{R_{(F)}} = 39.5$: $-(\bar{x} - \overline{R_{(F)}}) = -.85$ Hours
2%

EMPTY: $\overline{R_{(E)}} = 40.94$: $-(\bar{x} - \overline{R_{(E)}}) = .59$ Hours
1.5%

LEVEL: $\overline{R_{(L)}} = 40.6$: $-(\bar{x} - \overline{R_{(L)}}) = .25$ Hours
$.62\%$

NOTE: No 10598A PARTS WAITED IN THE WIP QUEUE DURING THESE RUNS.

MAT PSS

TAGUCHI L_9 ARRAY

PCN: 10718A

EXP	TEST CAPACITY	ASSEMBLER TNG	INJECTION SCHED.	REJECT RATE	FLOW TIME	S/N db
1	AS IS	AS IS	FULL	10%	75.87	
2	AS IS	+7 TND	LEVEL	Ø	56.56	
3	AS IS	+7 UN TND	EMPTY	5%	68.04	
4	3 SFT/7 DAY	AS IS	LEVEL	5%	66.92	
5	3 SFT/7 DAY	+7 TND	EMPTY	10%	74.37	
6	3SFT/7DAY	+7 UNTND	FULL	Ø	58.75	
7	LEVEL 2 + NEW STANDS	AS IS	EMPTY	Ø	58.75	
8	LEVEL 2 + NEW STANDS	+7 TND	FULL	5%	66.92	
9	LEVEL 2 + NEW STANDS	+7 UNTND	LEVEL	10%	75.27	

$\bar{X} = 66.83$

10718A

TEST CAPACITY

AS IS : $\overline{R_{(1)}} = 66.82$: $-(\bar{x} - \overline{R_{(1)}}) = -.01$ Hours

~~N/A~~

3 SHFT : $\overline{R_{(2)}} = 66.68$: $-(\bar{x} - \overline{R_{(2)}}) = -.15$ Hours

.2%

3 SHFT + EQ : $\overline{R_{(3)}} = 66.98$: $-(\bar{x} - \overline{R_{(3)}}) = .15$ Hours

.2%

NOTE: THE EQUIPMENT ADDED IN LEVEL 3 DOES NOT AFFECT THIS PLN

ASSEMBLER TRAINING

AS IS : $\overline{R_{(1)}} = 67.18$: $-(\bar{x} - \overline{R_{(1)}}) = .35$ Hours

.5%

+7 IND : $\overline{R_{(2)}} = 65.95$: $-(\bar{x} - \overline{R_{(2)}}) = -.88$

1.3%

+7 UNIND : $\overline{R_{(3)}} = 67.35$: $-(\bar{x} - \overline{R_{(3)}}) = .53$

.8%

10718A

REJECTION RATE

0% : $\overline{R_{(0)}} = 58.02$: $-(\bar{x} - \overline{R_{(0)}}) = -8.81$ Hours

-13.2%

5% : $\overline{R_{(5)}} = 67.29$: $-(\bar{x} - \overline{R_{(5)}}) = .47$ Hours

$.7\%$

10% : $\overline{R_{(10)}} = 75.17$: $-(\bar{x} - R_{(10)}) = 8.34$ Hours

12.48%

INDUCTION SCHEDULE

FULL: $\overline{R_{(F)}} = 67.18$: $-(\bar{x} - \overline{R_{(F)}}) = .35$ Hours

$.5\%$

EMPTY: $\overline{R_{(E)}} = 67.05$: $-(\bar{x} - \overline{R_{(E)}}) = .23$ Hours

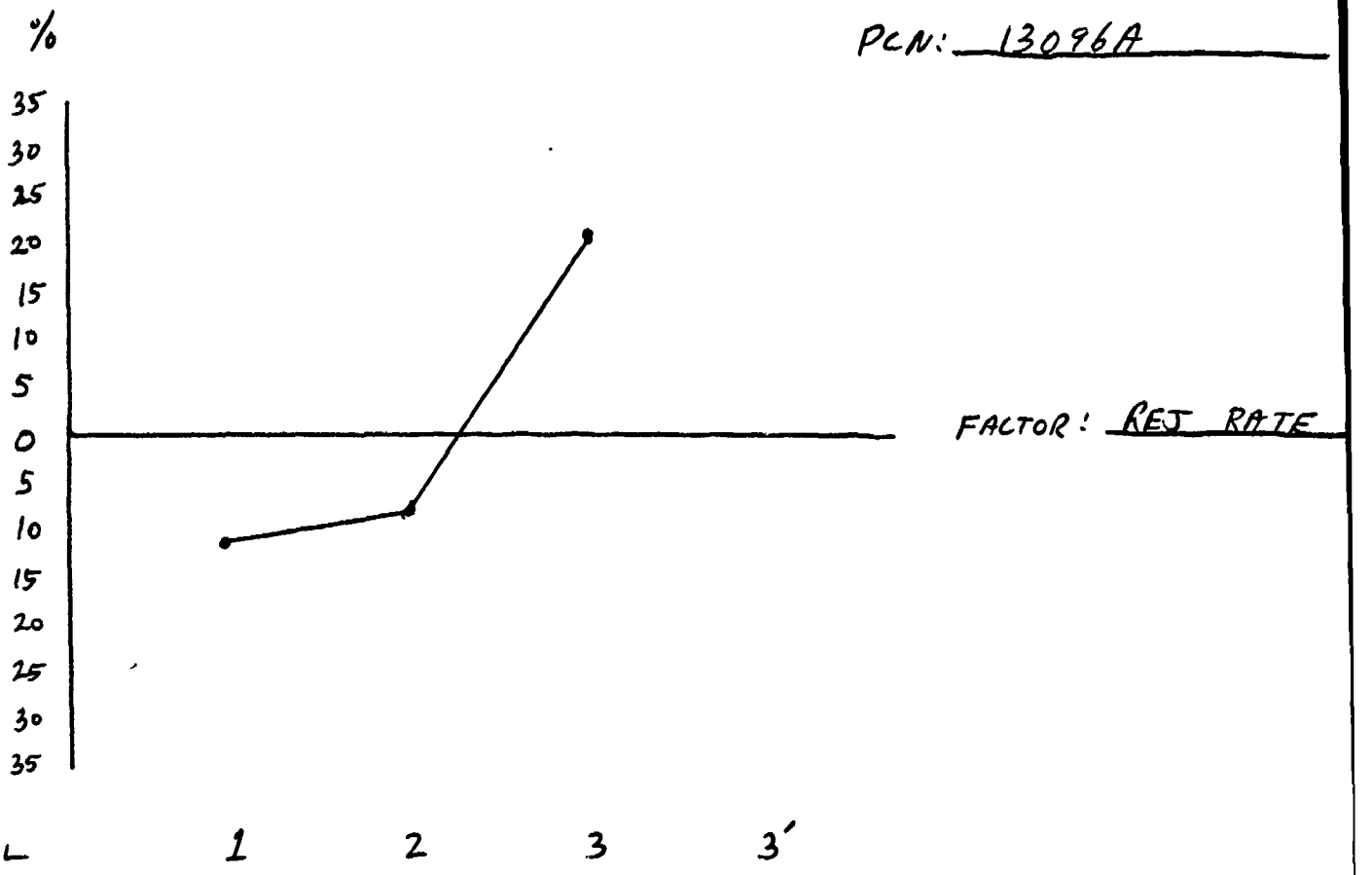
$.3\%$

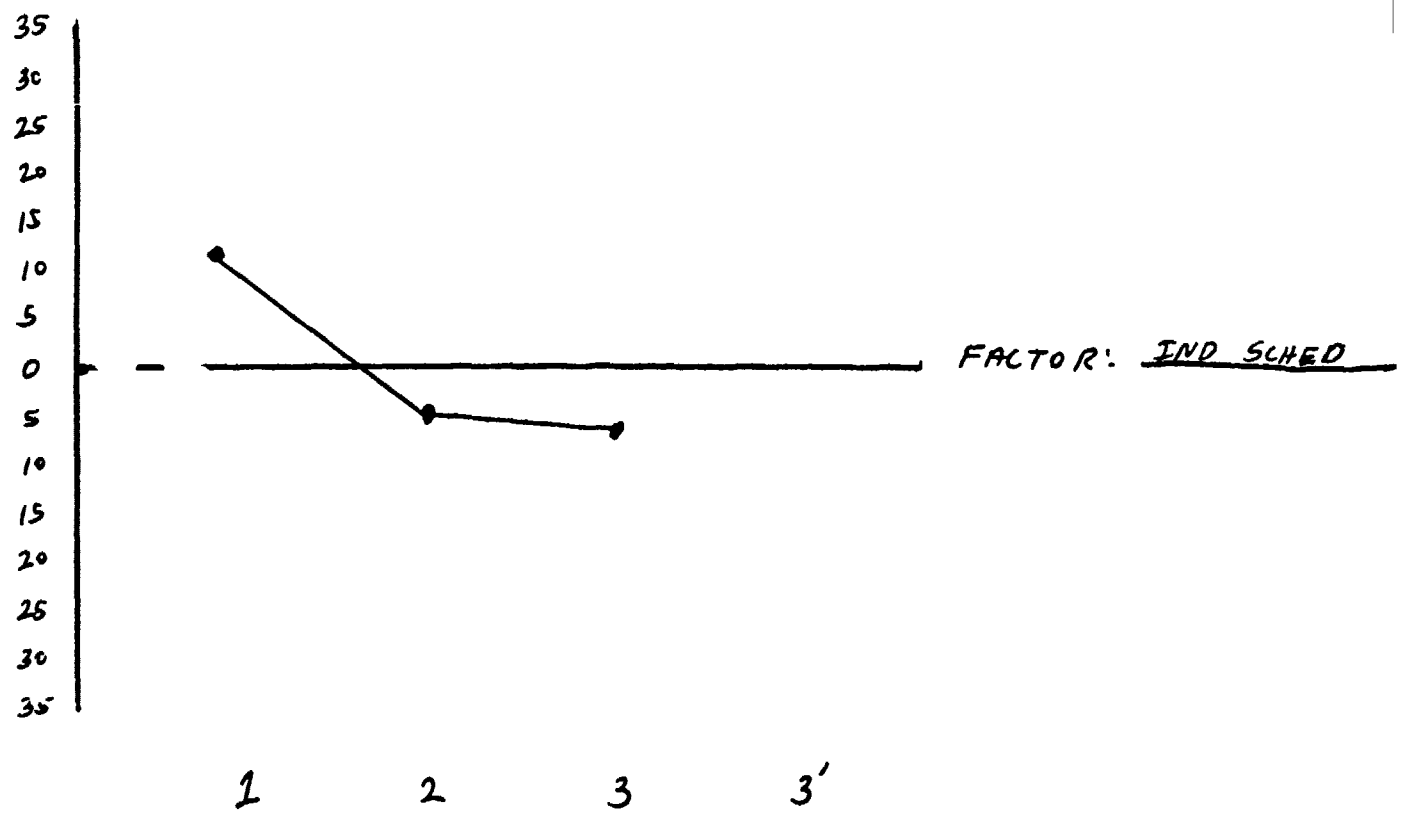
LEVEL: $\overline{R_{(L)}} = 66.25$: $-(\bar{x} - \overline{R_{(L)}}) = .58$ Hours

$.9\%$

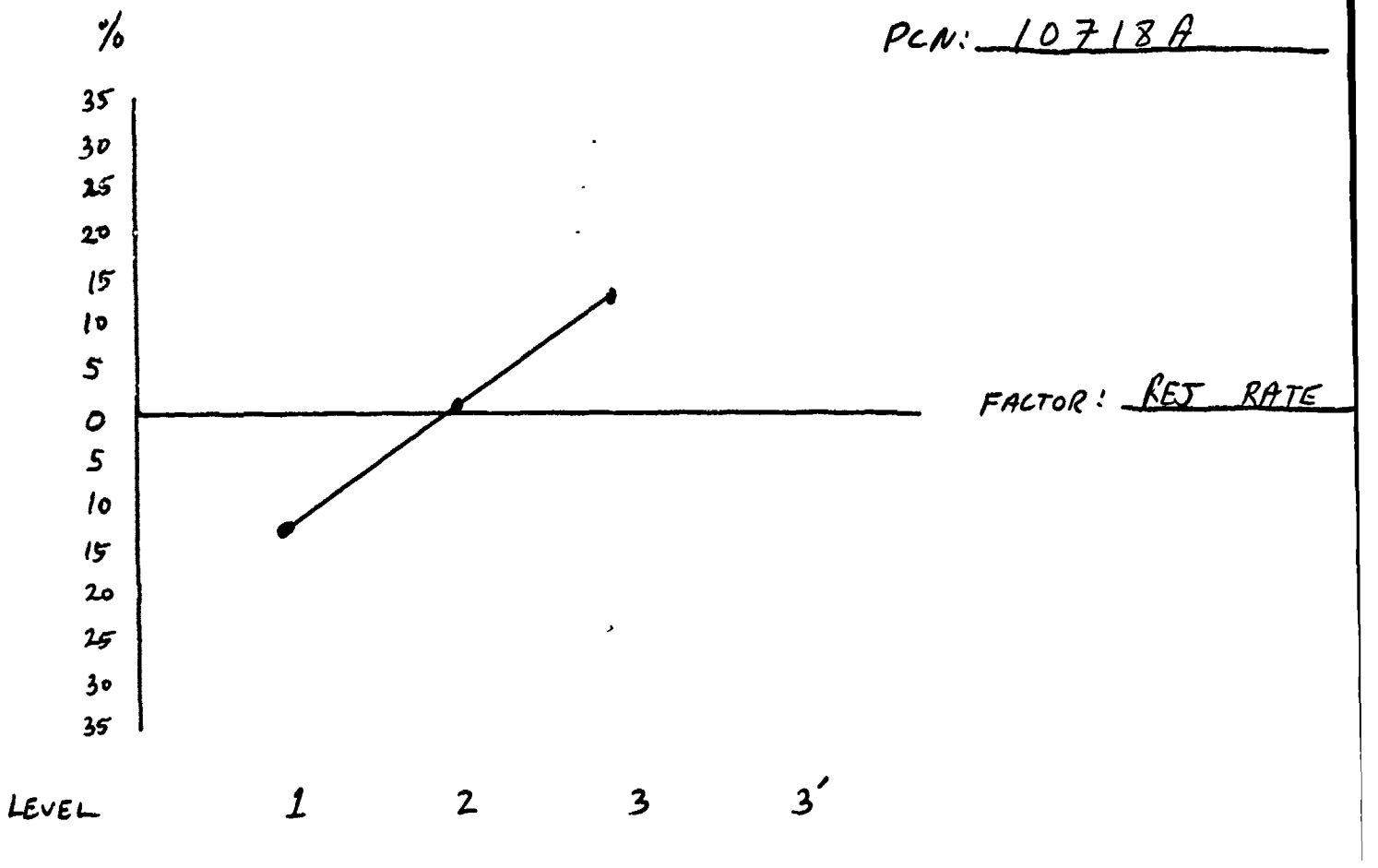
NOTE: NO 10718A PARTS WAITED IN THE WIP QUEUE DURING THESE RUNS.

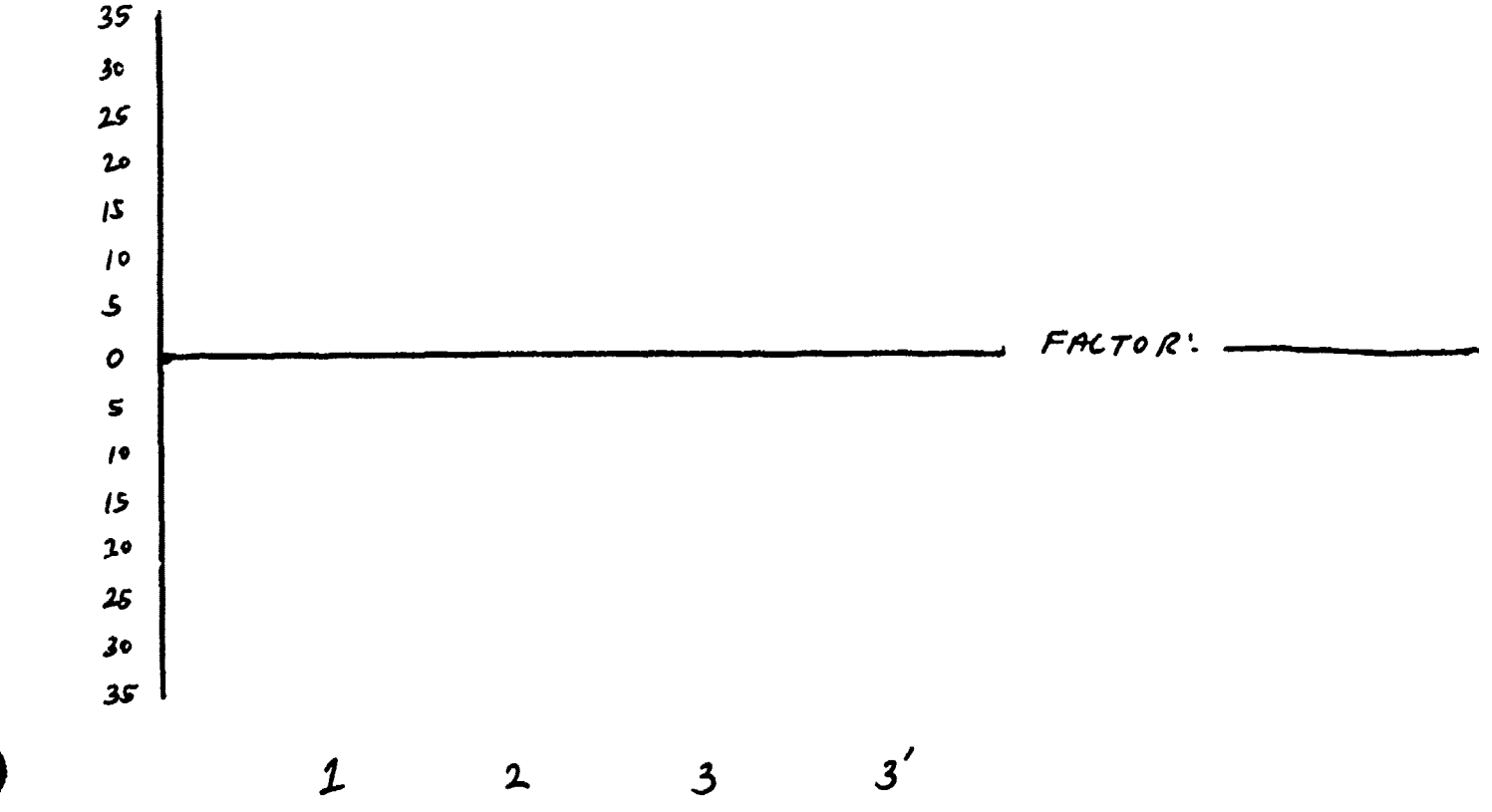
PCN: 13096A


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FACTOR: REJ RATE
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FACTOR: IND SCHED
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PCN: 10718A


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FACTOR: REF RATE
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FACTOR:
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MAT PSS

TAGUCHI L_9 ARRAY

PCN: 12712A

EXP	TEST CAPACITY	ASSEMBLER TNG	INDUCTION SCHED.	REJECT RATE	FLOW TIME	S/N db
1	AS IS	AS IS	FULL	10%	285.56	
2	AS IS	+7 TND	LEVEL	Ø	236.21	
3	AS IS	+7 UN TND	EMPTY	5%	261.43	
4	3 SFT/7 DAY	AS IS	LEVEL	5%	256.95	
5	3 SFT/7 DAY	+7 TND	EMPTY	10%	282.27	
6	3SFT/7DAY	+7 UNTND	FULL	Ø	235.73	
7	LEVEL 2 + NEW STANDS	AS IS	EMPTY	Ø	235.73	
8	LEVEL 2 + NEW STANDS	+7 TND	FULL	5%	256.95	
9	LEVEL 2 + NEW STANDS	+7 UNTND	LEVEL	10%	271.41	

$\bar{X} = 258.03$

12712A

REJECTION RATE

0%: $\overline{R_{(0)}} = 235.89$: $-(\bar{x} - \overline{R_{(0)}}) = -22.14$ Hours
-8.6%

5%: $\overline{R_{(5)}} = 258.44$: $-(\bar{x} - \overline{R_{(5)}}) = .42$ Hours
$.2\%$

10%: $\overline{R_{(10)}} = 279.75$: $-(\bar{x} - \overline{R_{(10)}}) = 21.72$ Hours
8.4%

INDUCTION SCHEDULE

FULL : $\overline{R_{(F)}} = 259.41$: $-(\bar{x} - \overline{R_{(F)}}) = 1.39$ Hours
$.5\%$

EMPTY : $\overline{R_{(E)}} = 259.81$: $-(\bar{x} - \overline{R_{(E)}}) = 1.78$ Hours
$.7\%$

LEVEL : $\overline{R_{(L)}} = 254.86$: $-(\bar{x} - \overline{R_{(L)}}) = -3.17$ Hours
1.2%

LEVEL INDUCTIONS [redacted] CORRECTED FOR PRE-INDUCTION QUEUING:

: $\overline{R_{(L)}} = 219.32$: $-(\bar{x} - \overline{R_{(L)}}) = -38.70$ Hours
-15%

NOTE: $R_{(L)}$ = AVG FLOWTIME − AVG WORK IN PROCESS QUEUE TIME

12712A

TEST CAPACITY

AS IS: $\overline{R_{(1)}} = 261.07$: $-(\bar{x} - \overline{R_{(1)}}) = 3.04$ Hours
1.2%

3 SHFT: $\overline{R_{(2)}} = 258.32$: $-(\bar{x} - \overline{R_{(2)}}) = .29$ Hours
.1%

3 SHFT + EQ: $\overline{R_{(3)}} = 254.70$: $-(\bar{x} - \overline{R_{(3)}}) = -3.33$ Hours
-1.3%

NOTE: THE EQUIPMENT ADDED IN LEVEL 3 DOES AFFECT THIS RUN

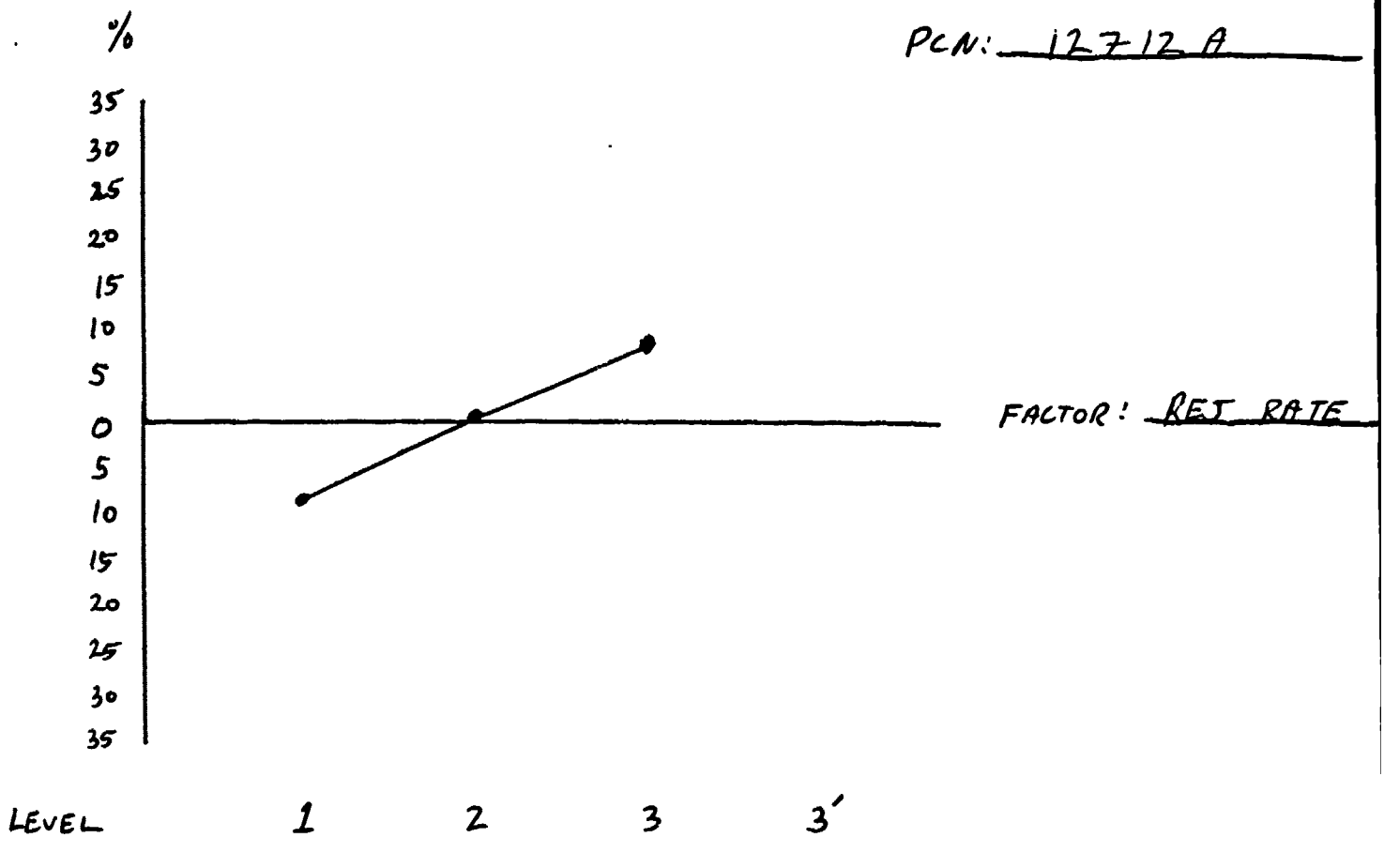
ASSEMBLER TRAINING

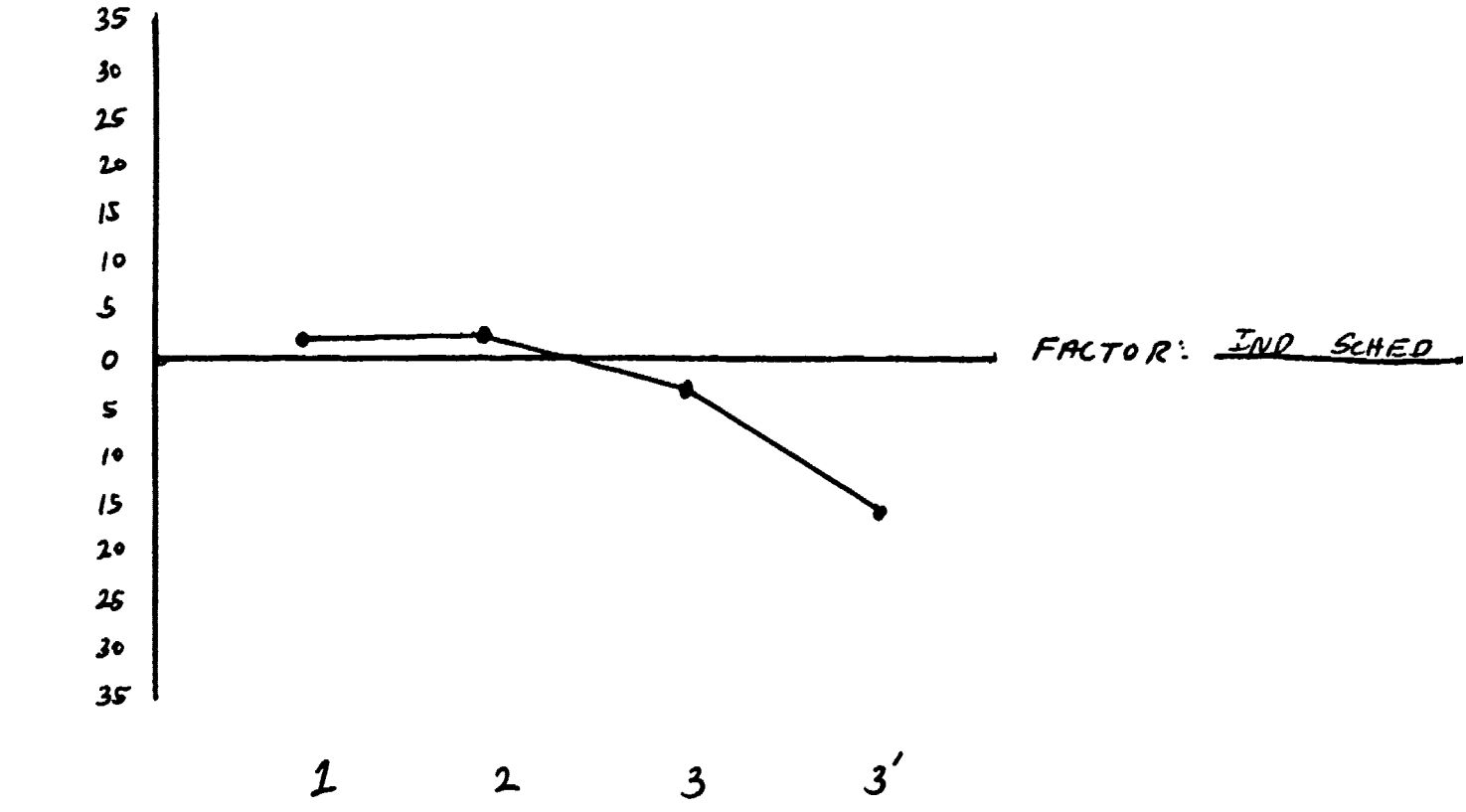
AS IS : $\overline{R_{(1)}} = 259.41$: $-(\bar{x} - \overline{R_{(1)}}) = 1.39$ Hours
.5%

+7 TND : $\overline{R_{(2)}} = 258.48$: $-(\bar{x} - \overline{R_{(2)}}) = .45$ Hours
.2%

+7 UNTND: $\overline{R_{(3)}} = 256.19$: $-(\bar{x} - \overline{R_{(3)}}) = -1.84$ Hours
-.7%

PCN: 12712A


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FACTOR: REJ RATE
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FACTOR: IND SCHED
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MAT PSS

TAGUCHI L; ARRAY

PCN: 13096A

EXP	TEST CAPACITY	ASSEMBLER ING	INDUCTION SCHED.	REJECT RATE	FLOW TIME	S/N db
1	AS IS	AS IS	FULL	10%	105.19	-20.02
2	AS IS	+7 TND	LEVEL	Ø	62.28	-17.94
3	AS IS	+7 UN TND	EMPTY	5%	64.08	-18.06
4	3 SFT/7 DAY	AS IS	LEVEL	5%	61.72	
5	3 SFT/7 DAY	+7 TND	EMPTY	10%	70.30	-18.47
6	3SFT/7DAY LEVEL 2 +	+7 UNTND	FULL	Ø	~~42.60~~ 59.47	-16.29
7	NEW STANDS LEVEL 2 +	AS IS	EMPTY	Ø	59.47	-17.74
8	NEW STANDS LEVEL 2 +	+7 TND	FULL	5%	61.72	
9	NEW STANDS	+7 UNTND	LEVEL	10%	66.83	-18.25

$\bar{X} = 67.90$

13096A

TEST CAPACITY

AS IS : $\overline{R_{(1)}} = 77.18$: $-(\bar{x} - \overline{R_{(1)}}) = 9.28$ Hours
13.7%

3 SHFT : $\overline{R_{(2)}} = 63.83$: $-(\bar{x} - \overline{R_{(2)}}) = -4.07$ Hours
-6%

3SHFT+ EQ. : $\overline{R_{(3)}} = 62.67$: $-(\bar{x} - \overline{R_{(3)}}) = -5.23$ Hours
-8%

NOTE: THE EQUIPMENT ADDED IN LEVEL 3 AFFECTS THIS PCN.

ASSEMBLER TRAINING

AS IS: $\overline{R_{(1)}} = 75.46$: $-(\bar{x} - \overline{R_{(1)}}) = 7.56$ Hours
11.1%

+7 TND: $\overline{R_{(2)}} = 64.77$: $-(\bar{x} - \overline{R_{(2)}}) = -3.13$ Hours
-4.6%

+7 UNTND: $\overline{R_{(3)}} = 63.46$: $-(\bar{x} - \overline{R_{(3)}}) = -4.44$ Hours
-6.5%

13076A

REJECTION RATE

0%: $\overline{R_{(0)}} = 60.41$: $-(\bar{X} - \overline{R_{(0)}}) = -7.49$ Hours
-11%

5%: $\overline{R_{(5)}} = 62.51$: $-(\bar{X} - \overline{R_{(5)}}) = -5.39$ Hours
-7.9%

10%: $\overline{R_{(10)}} = 80.77$: $-(\bar{X} - \overline{R_{(10)}}) = 12.87$ Hours
19%

INDUCTION SCHEDULE

FULL: $\overline{R_{(F)}} = 75.46$: $-(\bar{X} - \overline{R_{(F)}}) = 7.56$ Hours
11.1%

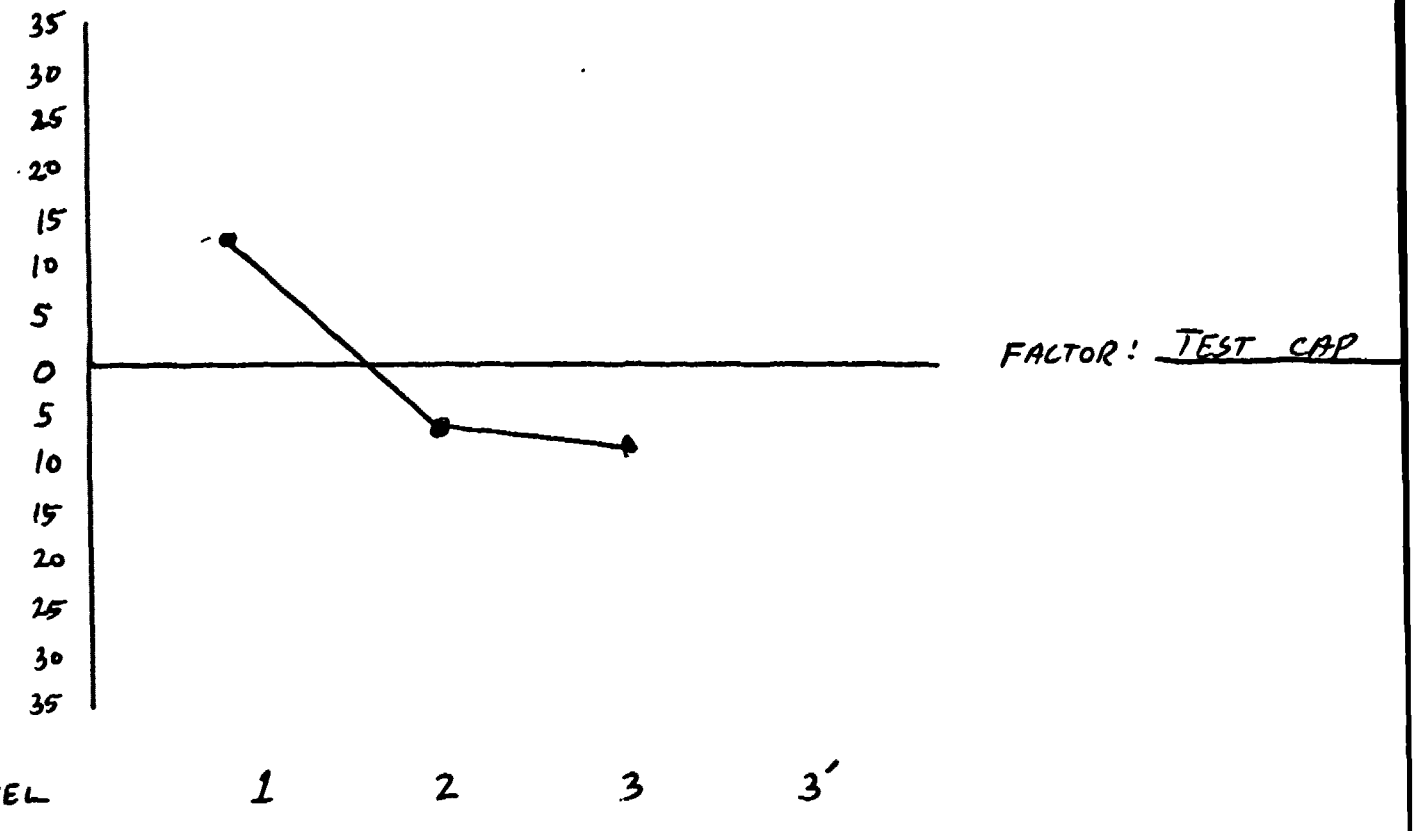
EMPTY: $\overline{R_{(E)}} = 64.62$: $-(\bar{X} - \overline{R_{(E)}}) = -3.28$ Hours
-4.8%

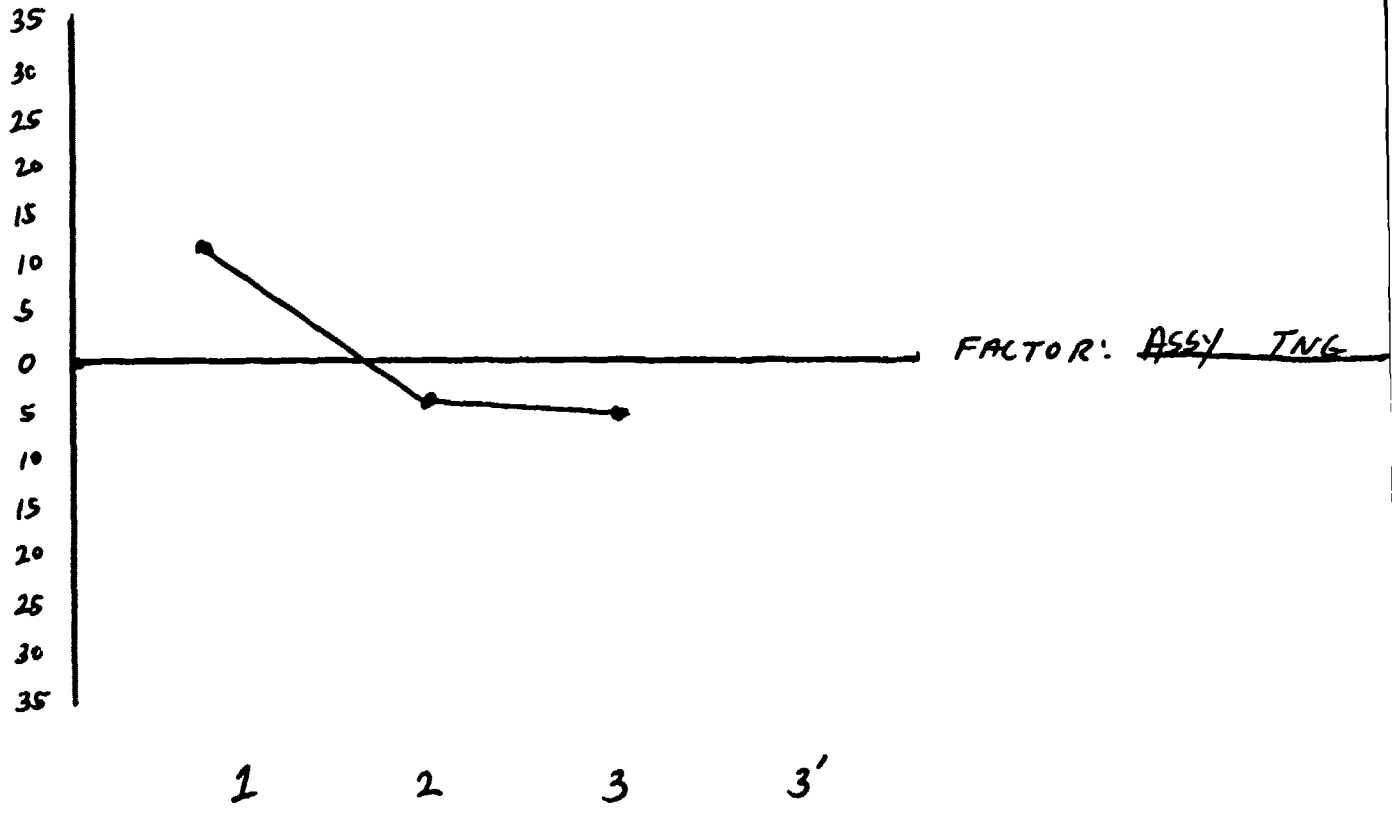
LEVEL: $\overline{R_{(L)}} = 63.61$: $-(\bar{X} - \overline{R_{(L)}}) = -4.29$ Hours
-6.3%

NOTE: THERE WERE NO 13076A PARTS WAITING IN THE WIP QUEUE DURING THESE RUNS.

%

PCN: 13096A


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FACTOR: TEST CAP
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FACTOR: ASSY ING
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10.0 EXPERIMENTATION

The factors and levels developed in the Brainstorming session were fitted into a Taguchi L(9) orthogonal array for model experimentation. The use of this array reduced the number of runs required from 81 to 9.

10.1 ORTHOGONAL ARRAY

10.1 Table # 10.1 is the orthogonal array used to design the experimentation for this ACL.

TAGUCHI L(9) ARRAY
FACTORS

EXPERIMENT #	1 TEST CAPACITY	2 ASSEMBLER TRAINING	3 INDUCTION SCHEDULE	4 TEST REJECTION
1	AS IS	AS IS	RANDOM IND. FULL SHOP	10% (AS IS)
2	AS IS	+7 ASSEMBLERS TRAINED	LEVEL INDUCTIONS	0% REJECTS
3	AS IS	+7 ASSEMBLERS UNTRAINED	RANDOM IND. EMPTY SHOP	5% REJECTS
4	3 SHIFTS - 7 DAYS/WK	AS IS	LEVEL INDUCTIONS	5% REJECTS
5	3 SHIFTS - 7 DAYS/WK	+7 ASSEMBLERS TRAINED	RANDOM IND. EMPTY SHOP	AS IS 10% REJECTS
6	3 SHIFTS - 7 DAYS/WK	+7 ASSEMBLERS UN TRAINED	RANDOM IND FULL SHOP	0% REJECTS
7	3 SHIFT/7 DAYS + 2 TEST STANDS	AS IS	RANDOM IND. EMPTY SHOP	0% REJECTS
8	3 SHIFT/ 7 DAYS + 2 TEST STANDS	+7 ASSEMBLERS TRAINED	RANDOM IND FULL SHOP	5% REJECTS
9	3 SHIFT / 7 DAYS + 2 TEST STANDS	+7 ASSEMBLERS UN TRAINED	LEVEL INDUCTIONS	AS IS 10% REJECTS

TABLE # 10.1

10.2 CONDUCT OF THE EXPERIMENTS

The experimental runs described in Table 10-1 were conducted on the UDAS 2.0 model. under normal (AS IS) workload conditions. APPENDIX — provides the detailed results of these runs, including response charts and a table of results by PCN. Table 10-2 shows the optimal RCC configuration. It should be noted that only Factor 4 - Rejection Rate - showed significant effects on PCN flowtime. ONLY Factor 3 - INDUCTION SCHEDULE - showed significant effect on PCN Throughput. No signal-to-Noise calculations were performed as no noise factors were incorporated into the array.

OPTIMAL CONFIGURATION

FACTOR:	1	2	3	4
LEVEL:	3	2	3	2

TABLE 10-2

10.2.1 SURGE

The RCC was modeled under surge workload conditions as well as normal. Surge figures for PCN inductions were based on data provided by HQ-AFLC. Given the extremely flat responses from factors 1 and 2, and the linear response of factor 4, no orthogonal array was deemed necessary for surge experiments. Three surge runs were conducted; one at optimal configuration, one at optimal with factor 3 - INDUCTION SCHEDULE - SET AT LEVEL 1 (to test the effect on throughput) and one at the AS IS (Baseline) configuration. The results are detailed in appendix —.

10.3 RESULTS SUMMARY - NORMAL WORKLOAD

- FLOW TIME WAS LARGELY UNAFFECTED BY CHANGES IN TEST CAPACITY OR ASSEMBLER TRAINING. IN SPITE OF THE INTUITIVE FEELING OF MATRSS SUPERVISION - THESE AREAS ARE NOT BOTTLENECKS IN THE 'AS IS' PROCESS.

- REJECTION RATE HAD A MAJOR, LINEAR AFFECT ON FLOW TIME FOR ALL PARTS. Any reduction in Reject RATE OR OPERATION TIMES WILL RELIABLY PRODUCE A CORRESPONDING REDUCTION IN FLOWTIME FOR THAT PCN.

- THE INDUCTION SCHEDULE HAD VERY LITLE EFFECT ON OVERALL PCN FLOW TIME. WHEN PRE-INDUCTION QUEUE TIMES WERE SUBTRACTED, HOWEVER, FLOWTIMES FOR SEVERAL PCNS DROPPED DRAMATICALLY UNDER LEVEL INDUCTIONS. ADDITIONALLY, THROUGH-PUT (UNAFFECTED BY ANY OTHER FACTOR) WAS SIGNIFICANTLY IMPROVED UNDER LEVEL INDUCTIONS. PARTS MOVED THROUGH THE SYSTEM MUCH MORE QUICKLY AND RELIABLY UNDER LEVEL INDUCTIONS.

- ALTHOUGH NO INTERACTIONS WERE SPECIFICALLY MODELED, A MILD INTERACTION APPEARS TO EXIST BETWEEN TEST CAPACITY - LEVEL 2 (SHIFT WORK) AND REJECTION RATES. USE OF EXTENDED SHIFTS, COUPLED WITH A REDUCTION IN REJECT RATE CAN BE EXPECTED TO CAUSE A DECREASE IN FLOW TIME GREATER THAN THE SUM OF THE CHANGES.

10.4 RESULTS SUMMARY – SURGE WORKLOAD.

- UNDER SURGE WORKLOAD, FLOW TIMES INCREASED FOR ALL PCNs. Small but significant queues formed at a variety of operations. While test stands were critical for most parts, manpower appeared to be the most critical resource. The tight manpower situation tended to exacerbate queues for each piece of equipment.

- The Taguchi optimum configuration performed better than the AS IS configuration under surge workloads. The additional manpower, equipment and reduced rejection rate produced significant improvements in both flowtime and throughput. Even the Taguchi configuration, however, was overloaded under the surge workload.

- Using the same maximum work-in-progress (MWIP) figures (Leveled Inductions) as were applied to the AS IS workload, resulted in problems. While flowtimes remained at their AS IS levels, throughput dropped from 96.8% (Taguchi optimum with unleveled inductions) to 92.3% (Taguchi optimum with leveled inductions). These MWIP levels, selected to approximate process capacity at normal work loads, are too restrictive to handle surge. A more detailed experiment using various MWIP levels would be necessary to gain the full benefit of leveled inductions at surge.

10.5 Conclusions & Recommendations

While improvements in RCC operation can be obtained by adding additional equipment and/or manpower, the most attractive improvements can be obtained by adjusting the induction schedule. If further experimentation were performed, the UOOS 2.0 model could be used to determine the exact capacity of the RCC in the AS IS configuration. If inductions were adjusted to meet this capacity, a more [illegible] line would result. If the induction line were [illegible]

10.5 Cont.

a Just-In-Time (JIT) parts flow could be developed. This would result in an optimum flowtime and throughput, with a minimum amount of inventory and work in process, thus, giving a substantial decrease in cost with no requirement for capital investment. If the overall capacity under this method is still not sufficient, shift work and additional manpower should be added before new capital equipment is purchased.

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APPENDIX

EXPERIMENTATION RESULTS SUMMARY ~~FABLER~~
(FLOW HOURS PER PCN)

EXPERIMENTAL RUN. NUM.	08004A	08005A	08006A	08078A	04542A	10598A	10718A	12712A	13096A	THROUGH PUT
1	266.93	256.17	132.23	376.28	47.77	41.93	75.87	285.56	105.19	98.1%
2	212.57	220.60	89.68	344.70	43.68	38.21	56.56	236.21	62.28	101%
3	226.39	225.28	96.96	328.44	46.03	42.22	68.04	261.43	64.08	97.3%
4	237.89	239.06	103.86	348.31	45.43	39.60	66.92	256.95	61.72	102%
5	242.37	245.13	104.37	334.57	46.69	43.64	74.37	282.27	70.30	96.9%
6	214.24	201.04	90.05	314.95	43.62	36.96	58.75	235.73	59.47	97.5%
7	214.24	201.04	90.05	314.95	43.62	36.96	58.75	235.73	59.47	97.5%
8	237.89	239.06	103.86	348.31	45.43	39.60	66.92	256.95	61.72	102%
9	252.14	260.82	120.08	376.57	47.13	43.99	75.27	271.41	66.83	101%
SURGE 1	280.25	293.24	112.05	359.94	47.97	46.66	61.48	273.65	105.58	92.3%
SURGE 2	964.92	1534.35	247.80	529.03	49.74	48.99	62.12	346.61	191.82	96.2%
SURGE 3	1492.87	2550.16	750.18	1109.63	67.02	69.68	92.21	532.33	292.93	93.5%

MAT PSS

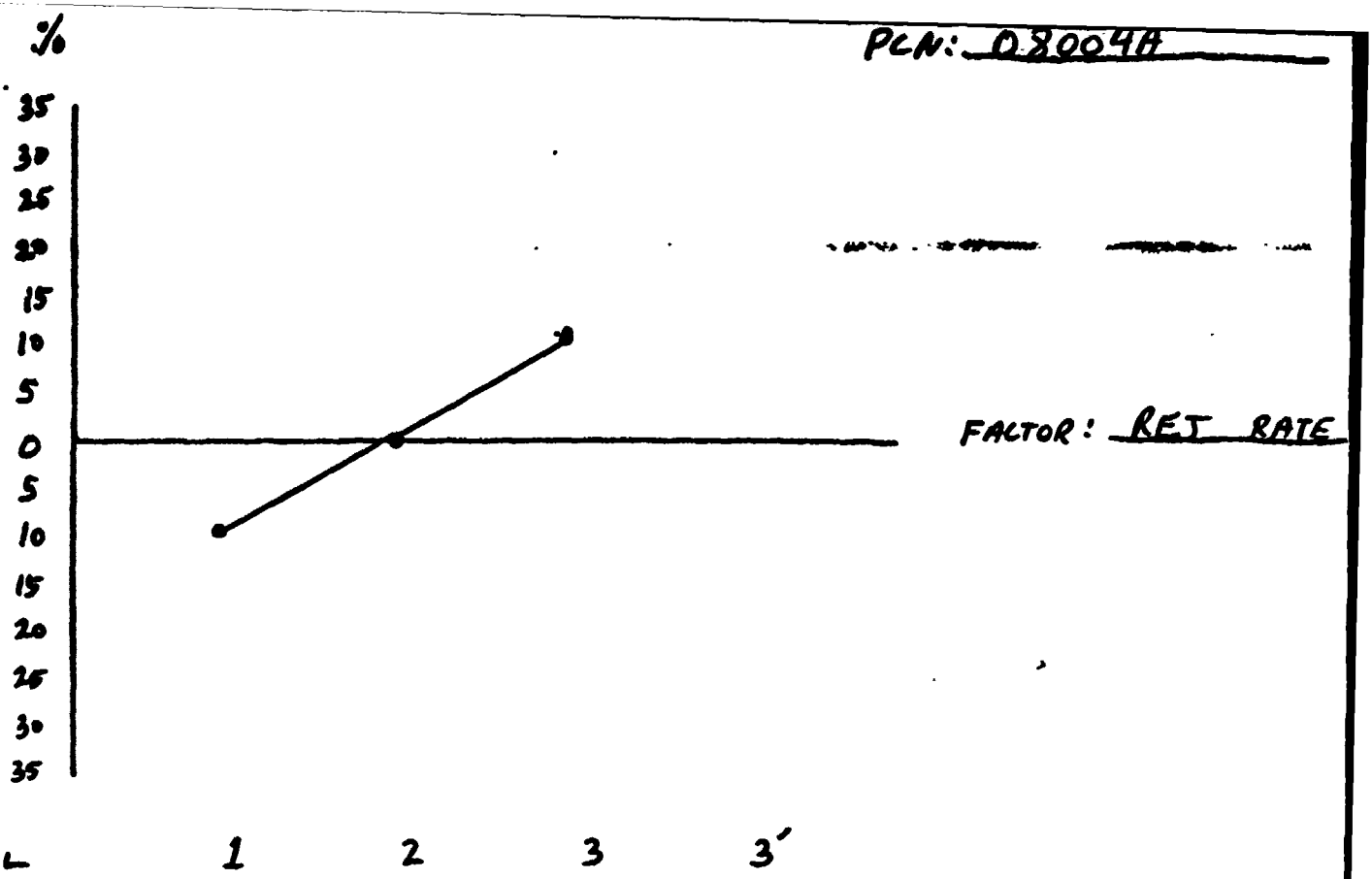
TAGUCHI L_9 ARRAY

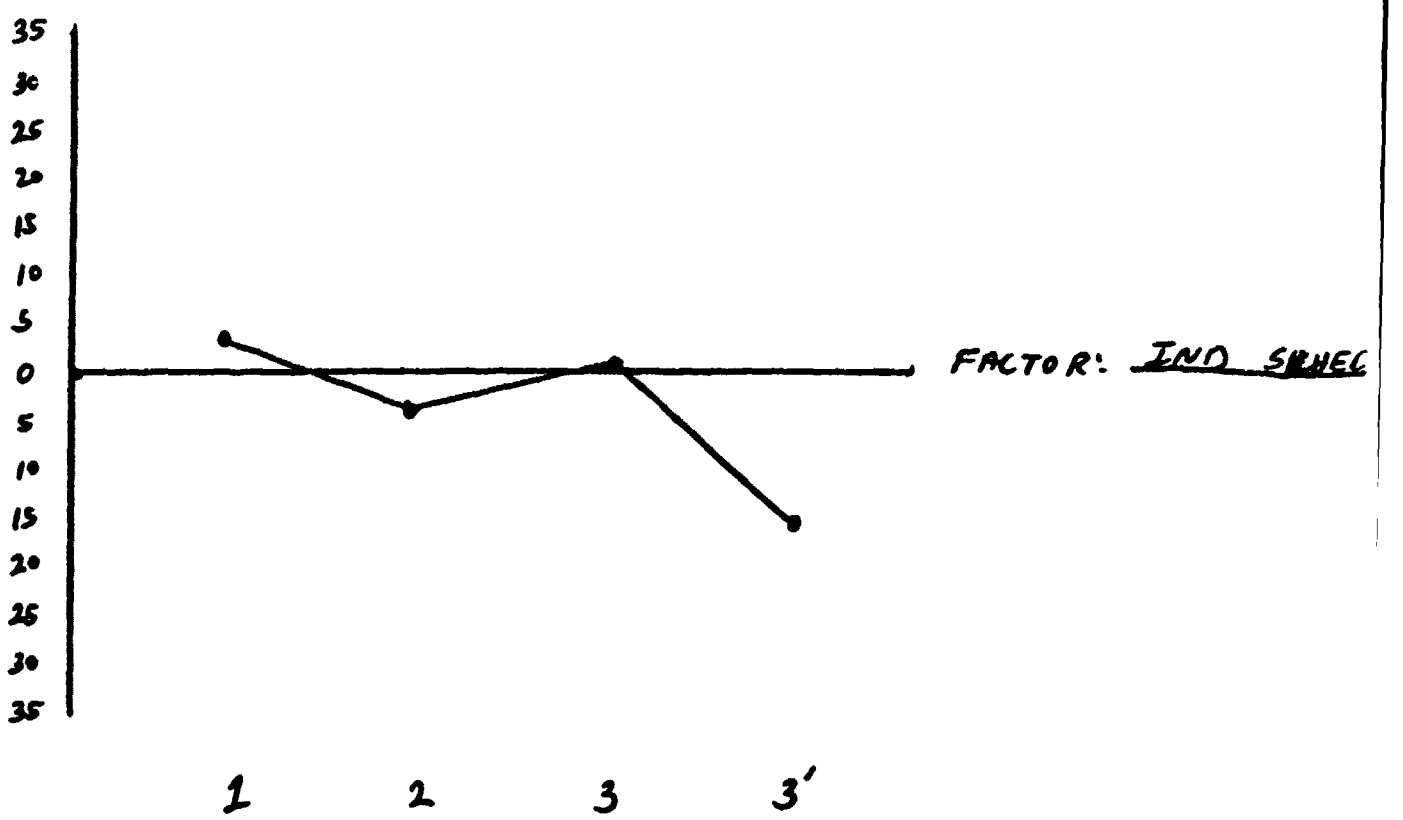
PCN: 08004A

EXP	TEST CAPACITY	ASSEMBLER TNG	INDUCTION SCHED.	REJECT RATE	FLOW TIME	S/N db
1	AS IS	AS IS	FULL	10%	266.93	
2	AS IS	+7 TND	LEVEL	Ø	212.57	
3	AS IS	+7 UN TND	EMPTY	5%	226.39	
4	3 SFT/7 DAY	AS IS	LEVEL	5%	237.89	
5	3 SFT/7 DAY	+7 TND	EMPTY	10%	242.37	
6	3SFT/7DAY	+7 UNTND	FULL	Ø	214.24	
7	LEVEL 2 + NEW STANDS	AS IS	EMPTY	Ø	214.24	
8	LEVEL 2 + NEW STANDS	+7 TND	FULL	5%	237.89	
9	LEVEL 2 + NEW STANDS	+7 UNTND	LEVEL	10%	252.64	

$\bar{X} = 233.91$

PCN: 030048


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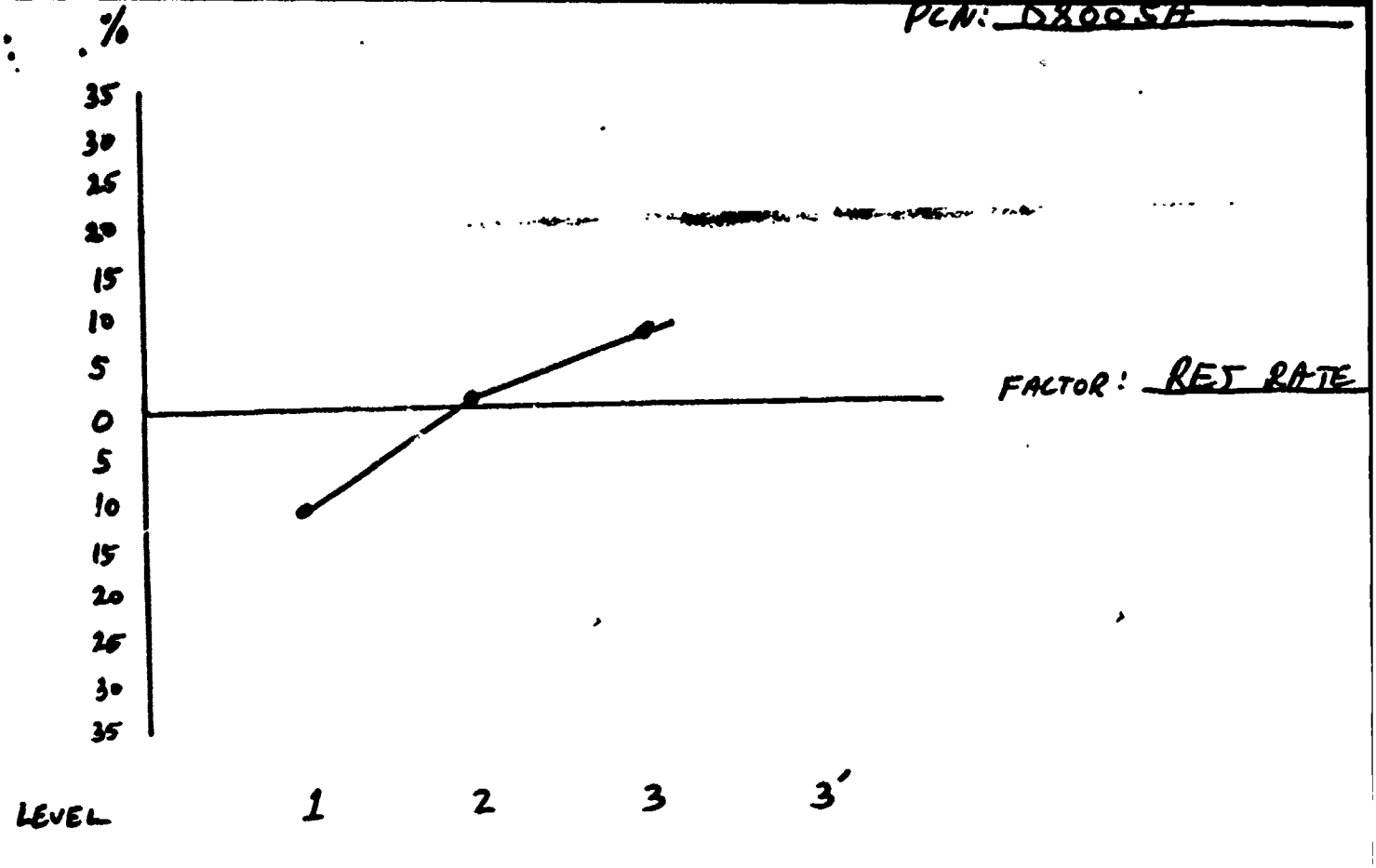
TAGUCHI L_9 ARRAY

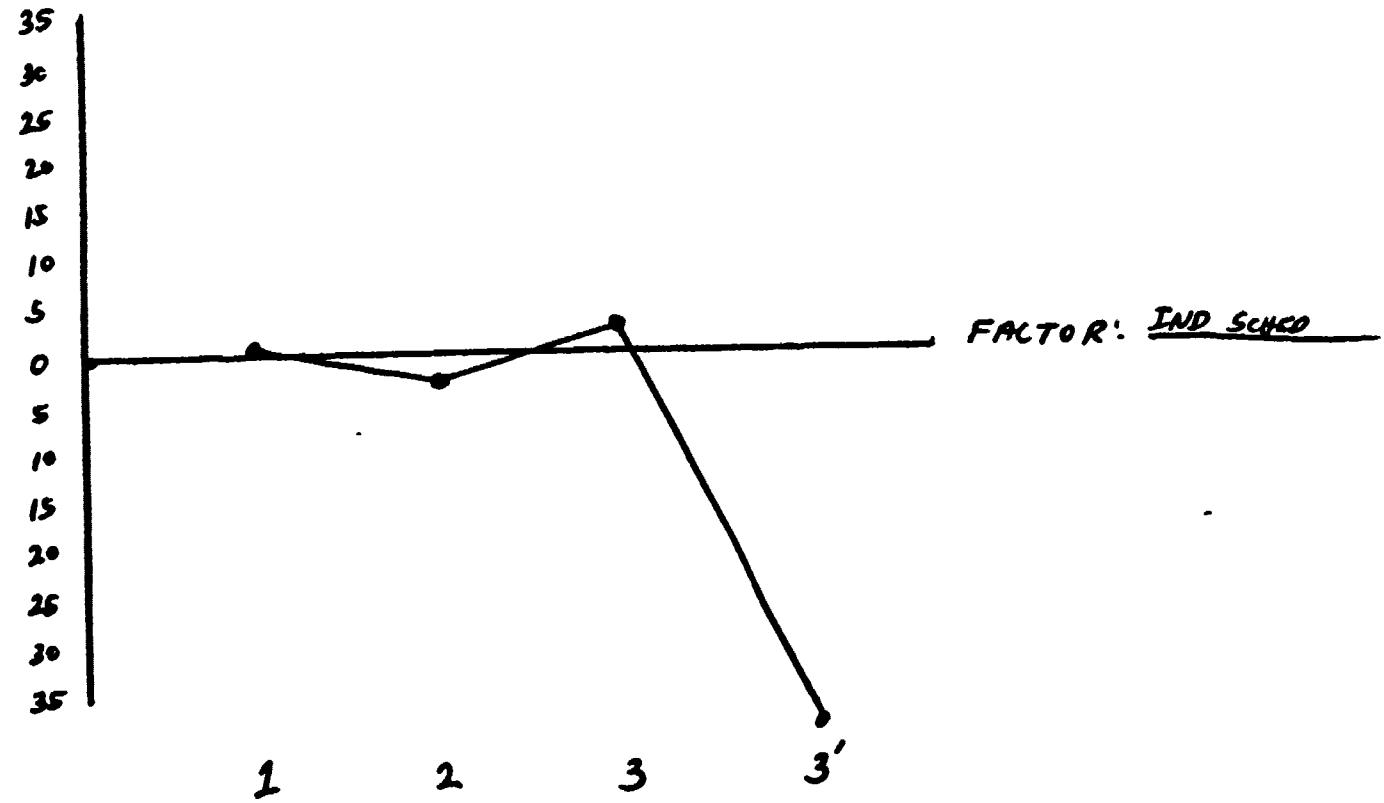
PCN: 0800SA

EXP	TEST CAPACITY	ASSEMBLER TNG	INDUCTION SCHED.	REJECT RATE	FLOW TIME	S/N db
1	AS IS	AS IS	FULL	10%	256.17	
2	AS IS	+7 TND	LEVEL	Ø	220.60	
3	AS IS	+7 UN TND	EMPTY	5%	225.28	
4	3 SFT/7 DAY	AS IS	LEVEL	5%	239.06	
5	3 SFT/7 DAY	+7 TND	EMPTY	10%	245.13	
6	3SFT/7DAY	+7 UNTND	FULL	Ø	201.04	
7	LEVEL 2 + NEW STANDS	AS IS	EMPTY	Ø	201.04	
8	LEVEL 2 + NEW STANDS	+7 TND	FULL	5%	239.06	
9	LEVEL 2 + NEW STANDS	+7 UNTND	LEVEL	10%	250.82	

$\bar{X} = 230.91$

PCN: 5X00SA


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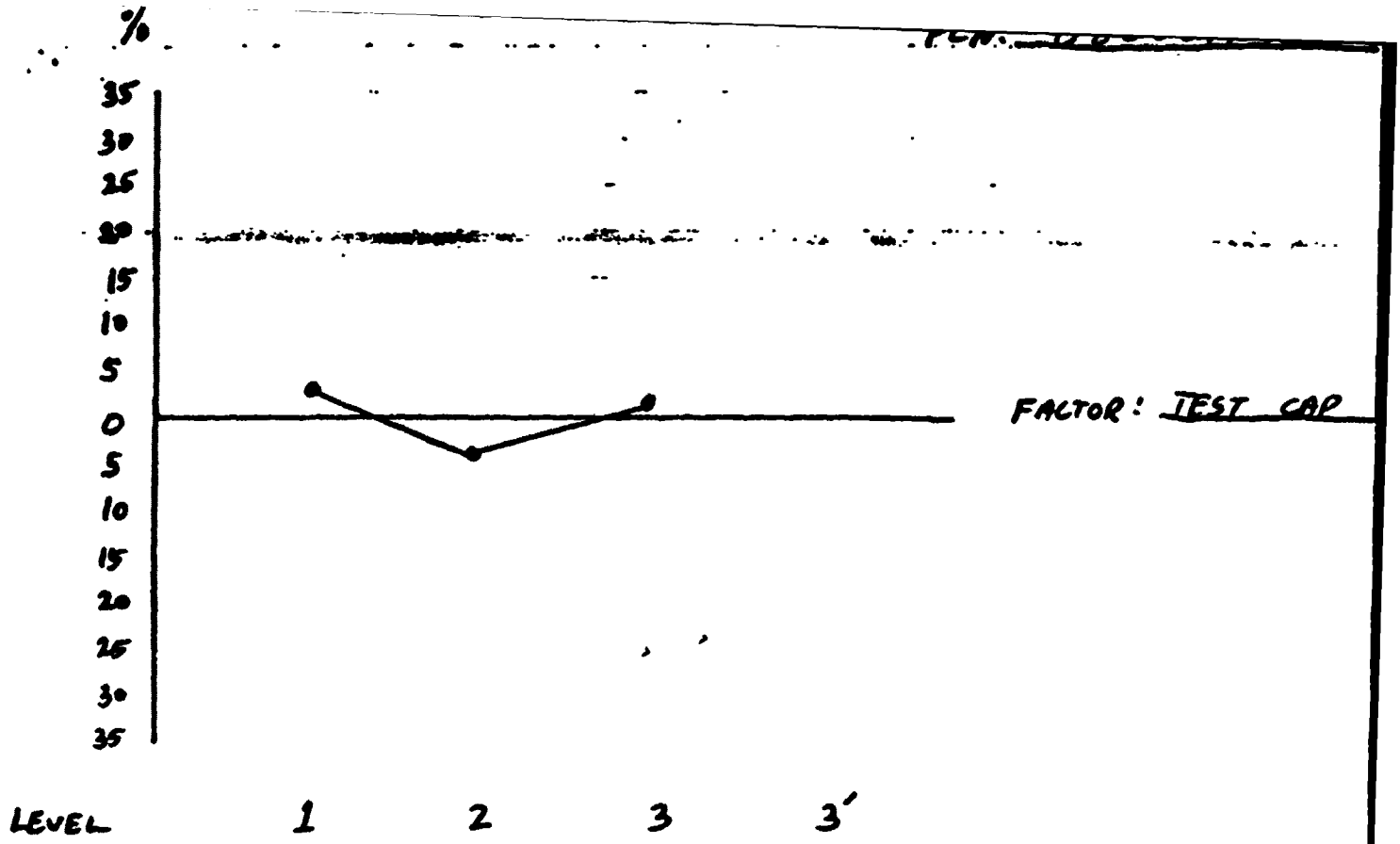
MATPSS

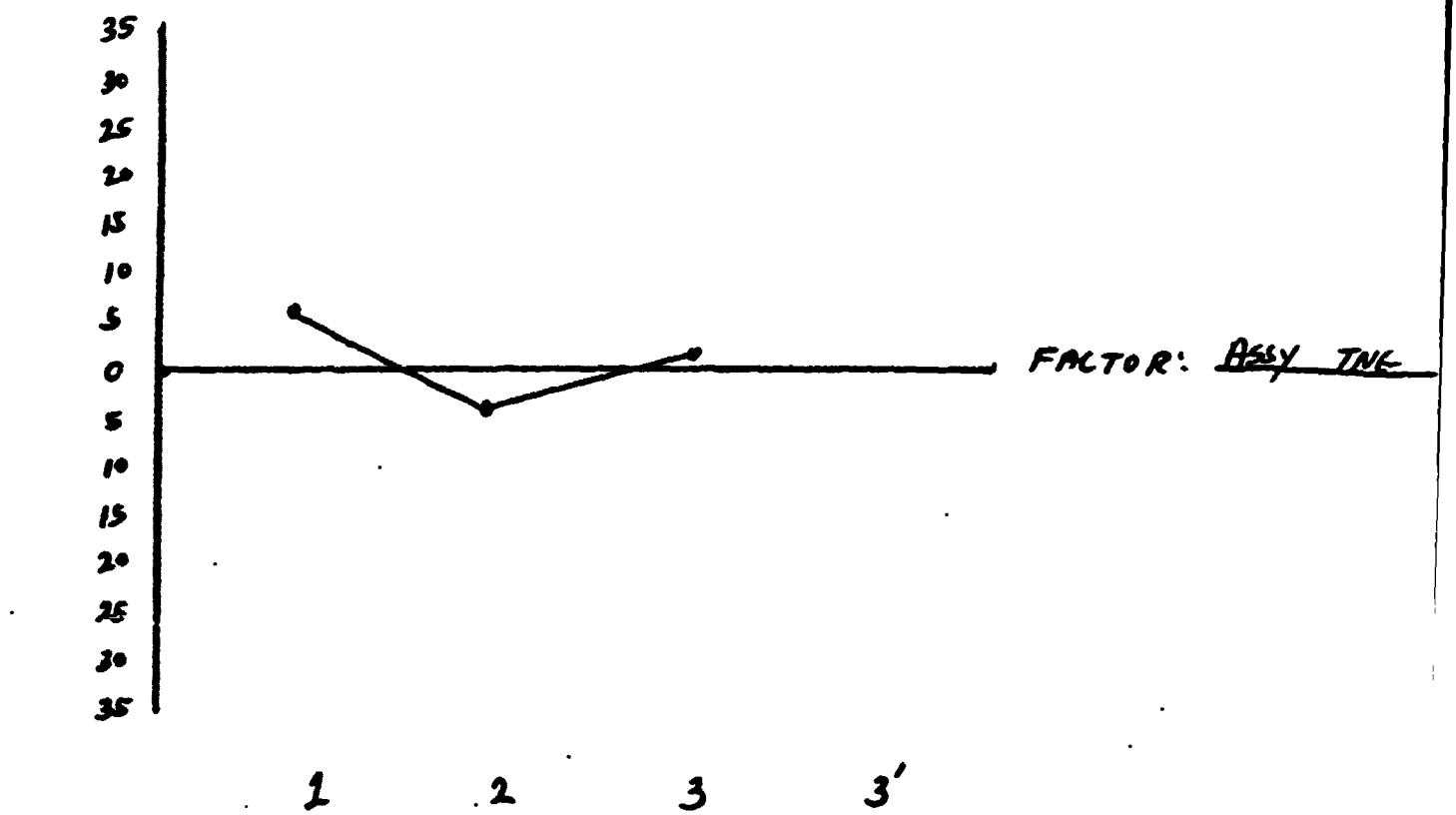
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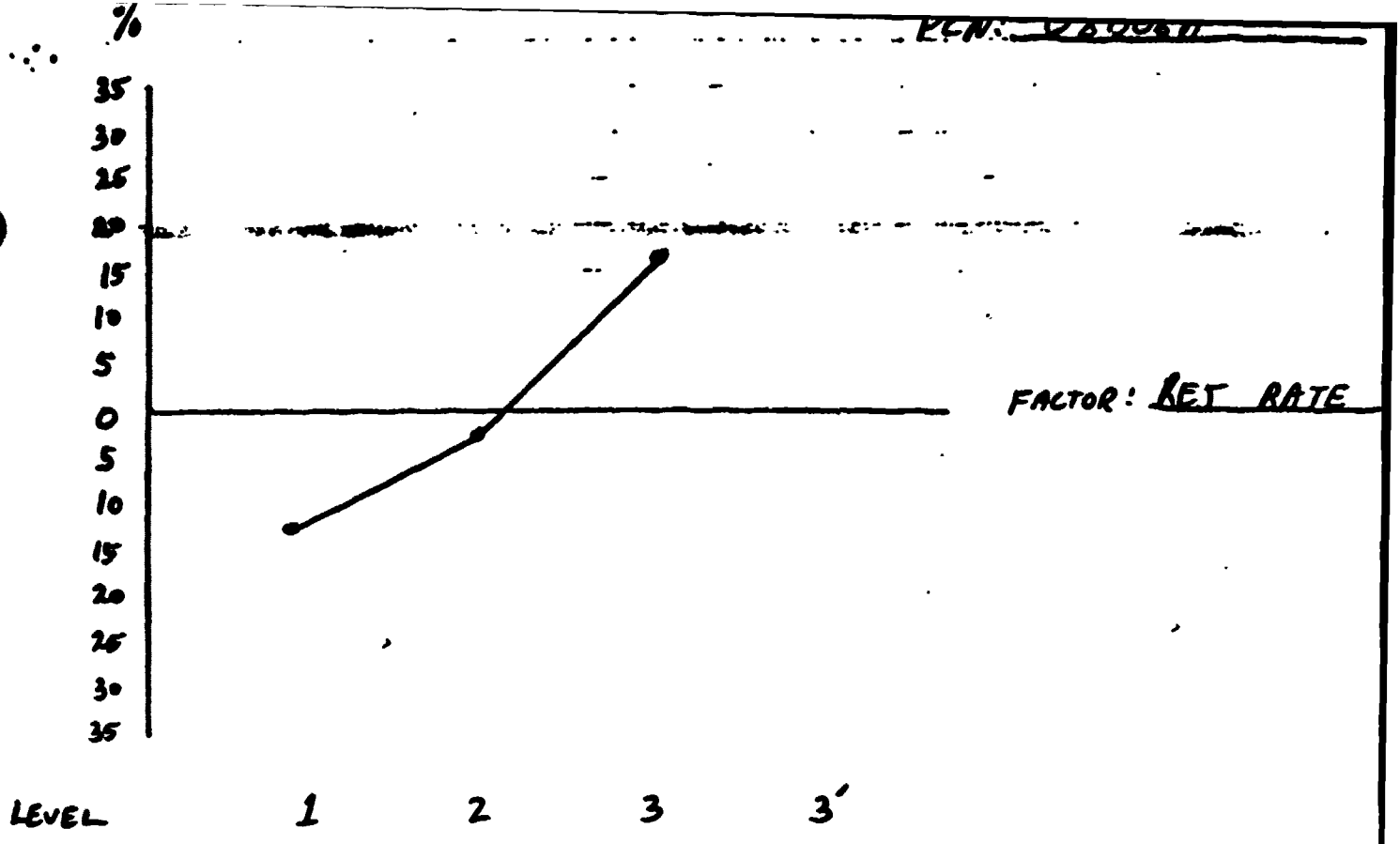
PCN: 08006A

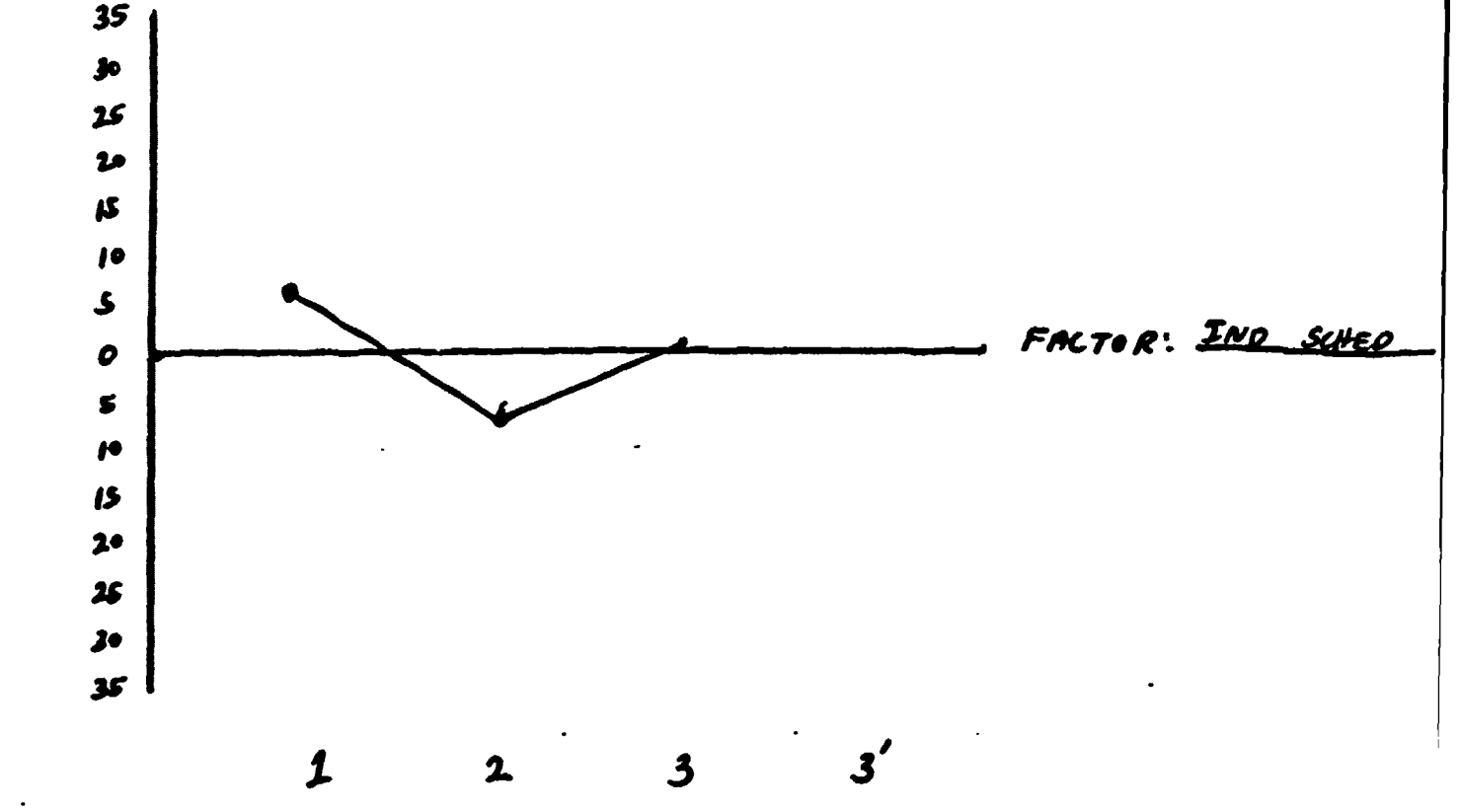
EXP	TEST CAPACITY	ASSEMBLER TNG	INDUCTION SCHED.	REJECT RATE	FLOW TIME	S/N db
1	AS IS	AS IS	FULL	10%	132.23	
2	AS IS	+7 TND	LEVEL	Ø	89.68	
3	AS IS	+7 UN TND	EMPTY	5%	96.96	
4	3 SFT/7 DAY	AS IS	LEVEL	5%	103.86	
5	3 SFT/7 DAY	+7 TND	EMPTY	10%	104.37	
6	3SFT/7DAY	+7 UNTND	FULL	Ø	90.05	
7	LEVEL 2 + NEW STANDS	AS IS	EMPTY	Ø	90.05	
8	LEVEL 2 + NEW STANDS	+7 TND	FULL	5%	103.86	
9	LEVEL 2 + NEW STANDS	+7 UNTND	LEVEL	10%	120.08	

$\bar{X} = 103.46$


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FACTOR: REF RATE
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FACTOR: IND SCHED
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MAT PSS

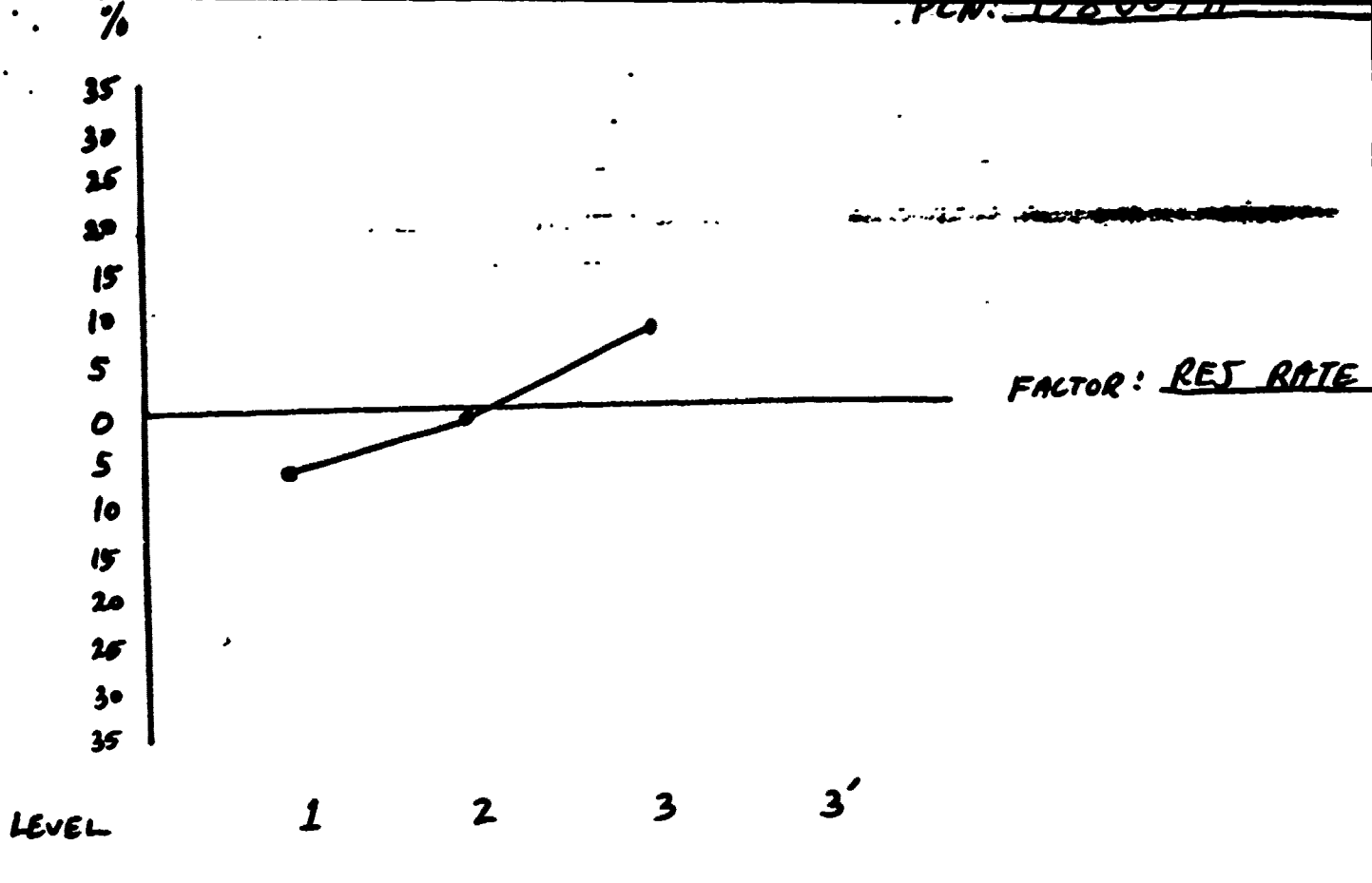
TAGUCHI L9 ARRAY

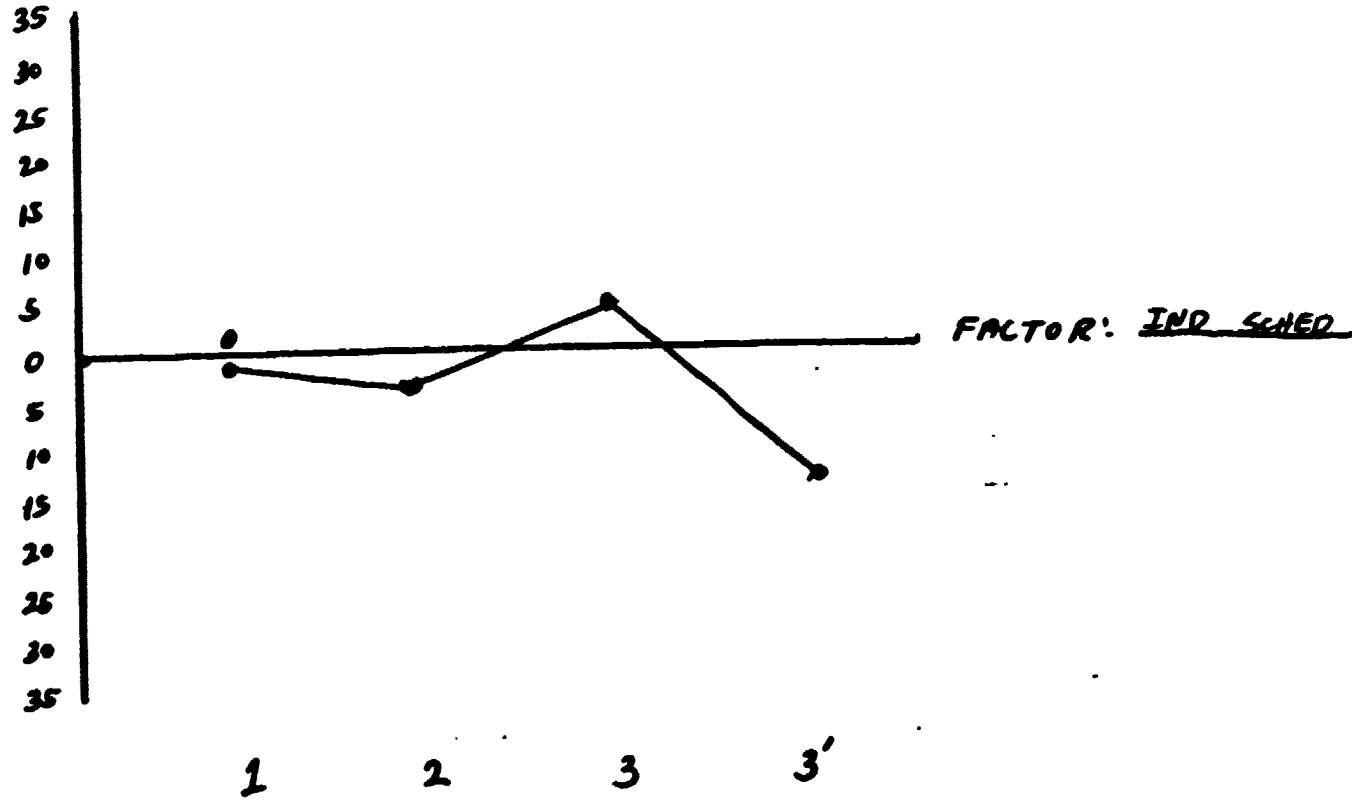
PCN: 0800 7A

EXP	TEST CAPACITY	ASSEMBLER TNG	INDUCTION SCHED.	REJECT RATE	FLOW TIME	S/N db
1	AS IS	AS IS	FULL	10%	376.28	-25.76
2	AS IS	+7 TND	LEVEL	0	344.70	-25.37
3	AS IS	+7 UN TND	EMPTY	5%	328.44	-25.16
4	3 SFT/7 DAY	AS IS	LEVEL	5%	348.31	
5	3 SFT/7 DAY	+7 TND	EMPTY	10%	334.57	-25.24
6	3SFT/7DAY	+7 UNTND	FULL	0	314.95	-24.98
7	LEVEL 2 + NEW STNDS	AS IS	EMPTY	0	314.95	-24.98
8	LEVEL 2 + NEW STNDS	+7 TND	FULL	5%	348.31	
9	LEVEL 2 + NEW STNDS	+7 UNTND	LEVEL	10%	376.57	-25.76

$\bar{X} = 343.01$

PCN: [redacted]





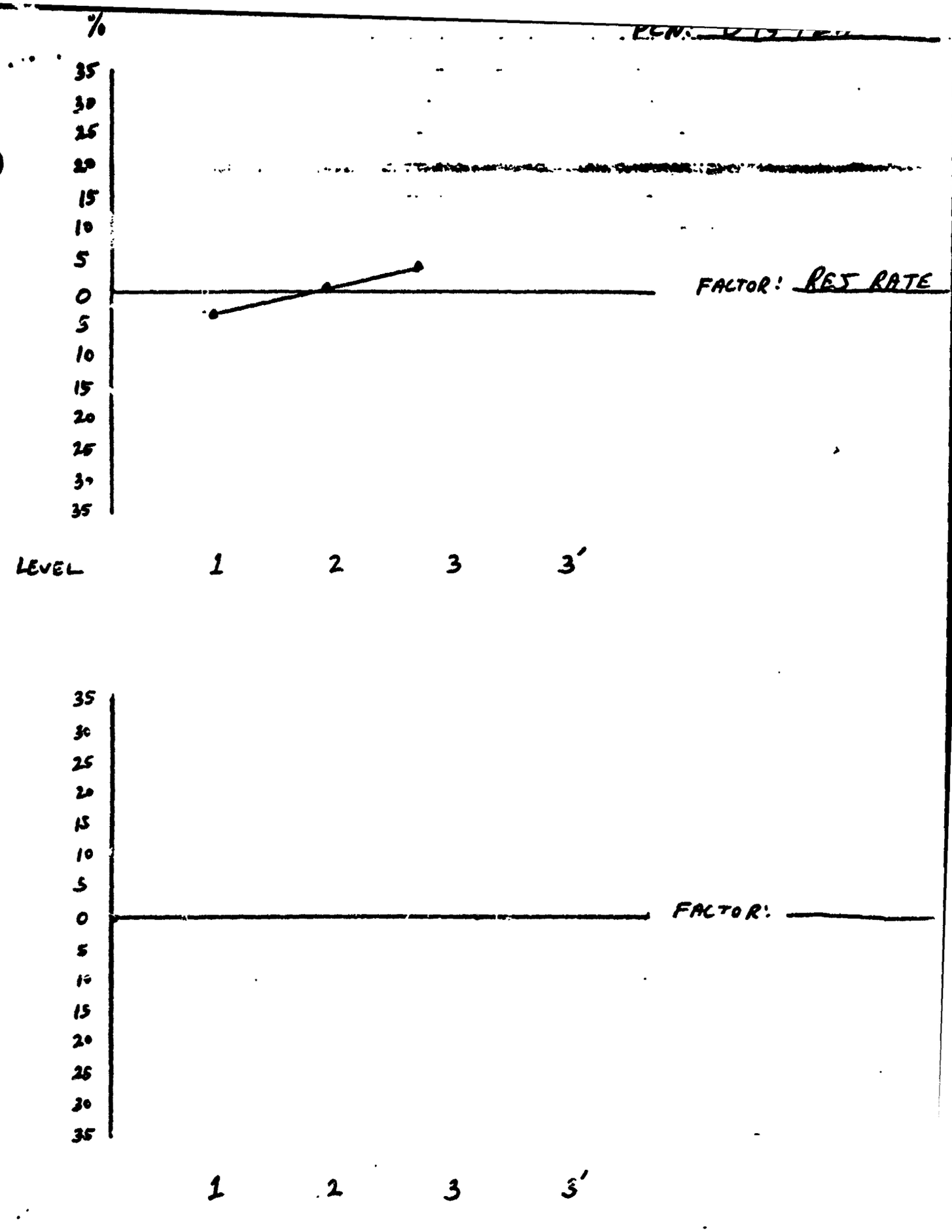
MATPSS

TAGUCHI - L_9 ARRAY

PCN: 04542A

EXP	TEST CAPABILITY	ASSEMBLER TNG	INSPECTION SCHED.	REJECT RATE	FLOW TIME	S/N db
1	AS IS	AS IS	FULL	10%	47.77	
2	AS IS	+7 TND	LEVEL	∅	43.68	
3	AS IS	+7 UN TND	EMPTY	5%	46.03	
4	3 SFT/7 DAY	AS IS	LEVEL	5%	45.49	
5	3 SFT/7 DAY	+7 TND	EMPTY	10%	46.69	
6	3SFT/7DAY	+7 UNTND	FULL	∅	43.62	
7	LEVEL 2 + NEW STANDS	AS IS	EMPTY	∅	43.62	
8	LEVEL 2 + NEW STANDS	+7 TND	FULL	5%	45.43	
9	LEVEL 2 + NEW STANDS	+7 UNTND	LEVEL	10%	47.13	

$\bar{X} = 45.49$


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FACTOR: RES RATE
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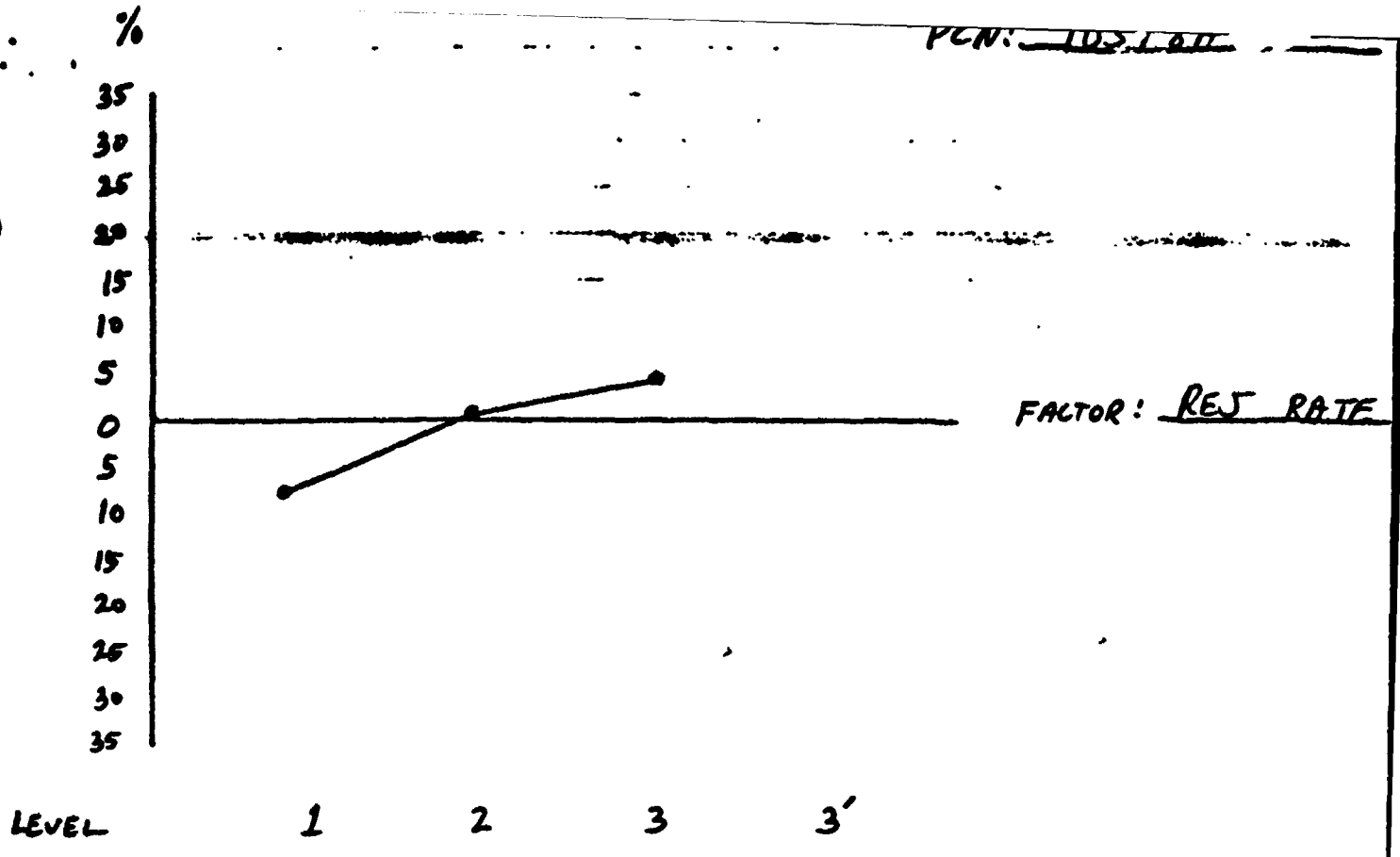
TAGUCHI L9 ARRAY

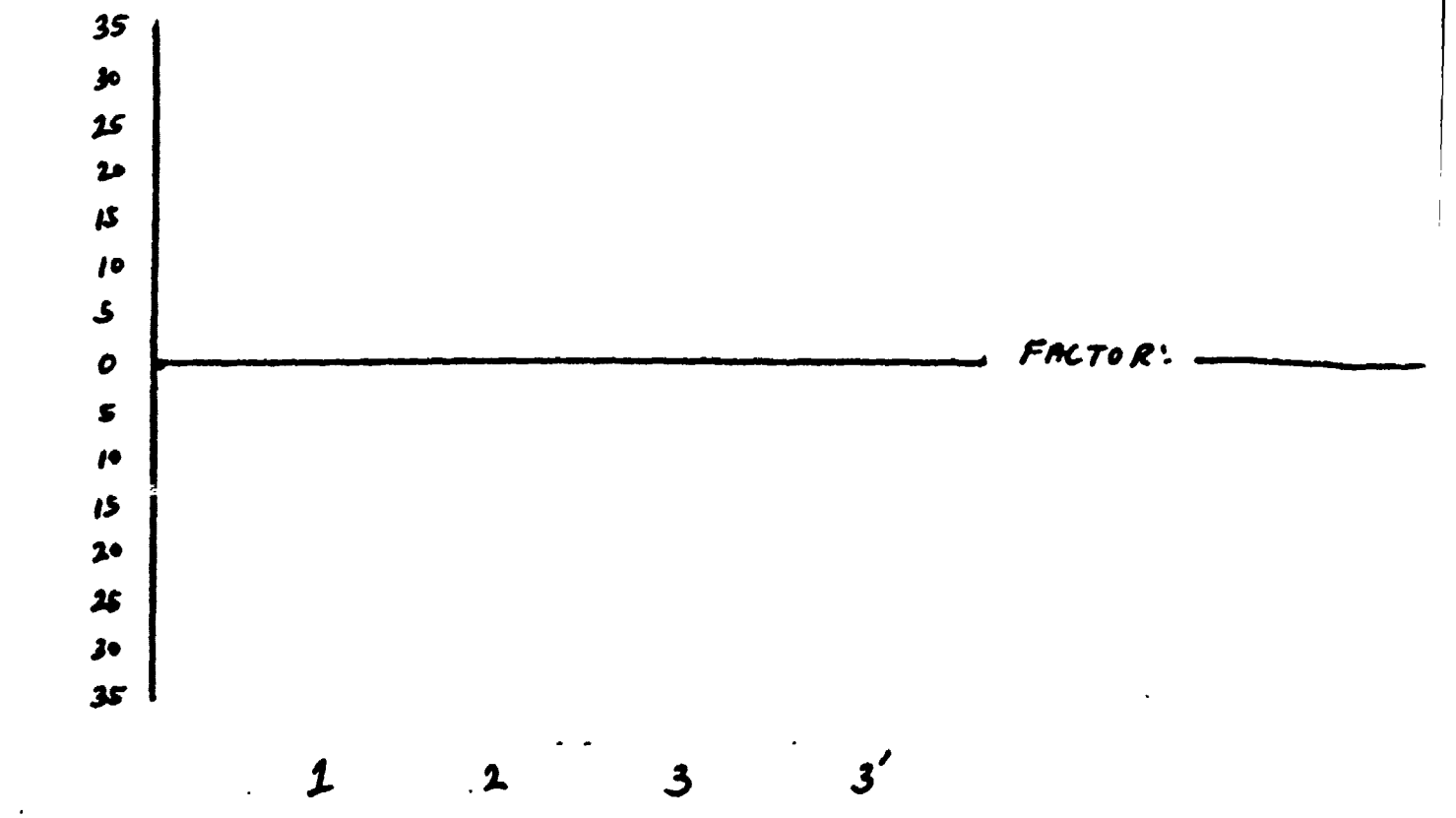
PCN: 10588A

EXP	TEST CAPACITY	ASSEMBLER TNG	INDUCTION SCHED.	REJECT RATE	FLOW TIME	S/N db
1	AS IS	AS IS	FULL	41.93 ~~39.87~~		
2	AS IS	+7 TND	LEVEL	Ø	38.21	
3	AS IS	+7 UN TND	EMPTY	5%	42.22	
4	3 SFT/7 DAY	AS IS	LEVEL	5%	39.60	
5	3 SFT/7 DAY	+7 TND	EMPTY	10%	43.64	
6	3SFT/7DAY	+7 UNTND	FULL	Ø	36.96	
7	LEVEL 2 + NEW STANDS	AS IS	EMPTY	Ø	36.96	
8	LEVEL 2 + NEW STANDS	+7 TND	FULL	5%	39.60	
9	LEVEL 2 + NEW STANDS	+7 UNTND	LEVEL	10%	43.99	

$\bar{X} = 40.35$

PCN: 105101


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FACTOR:
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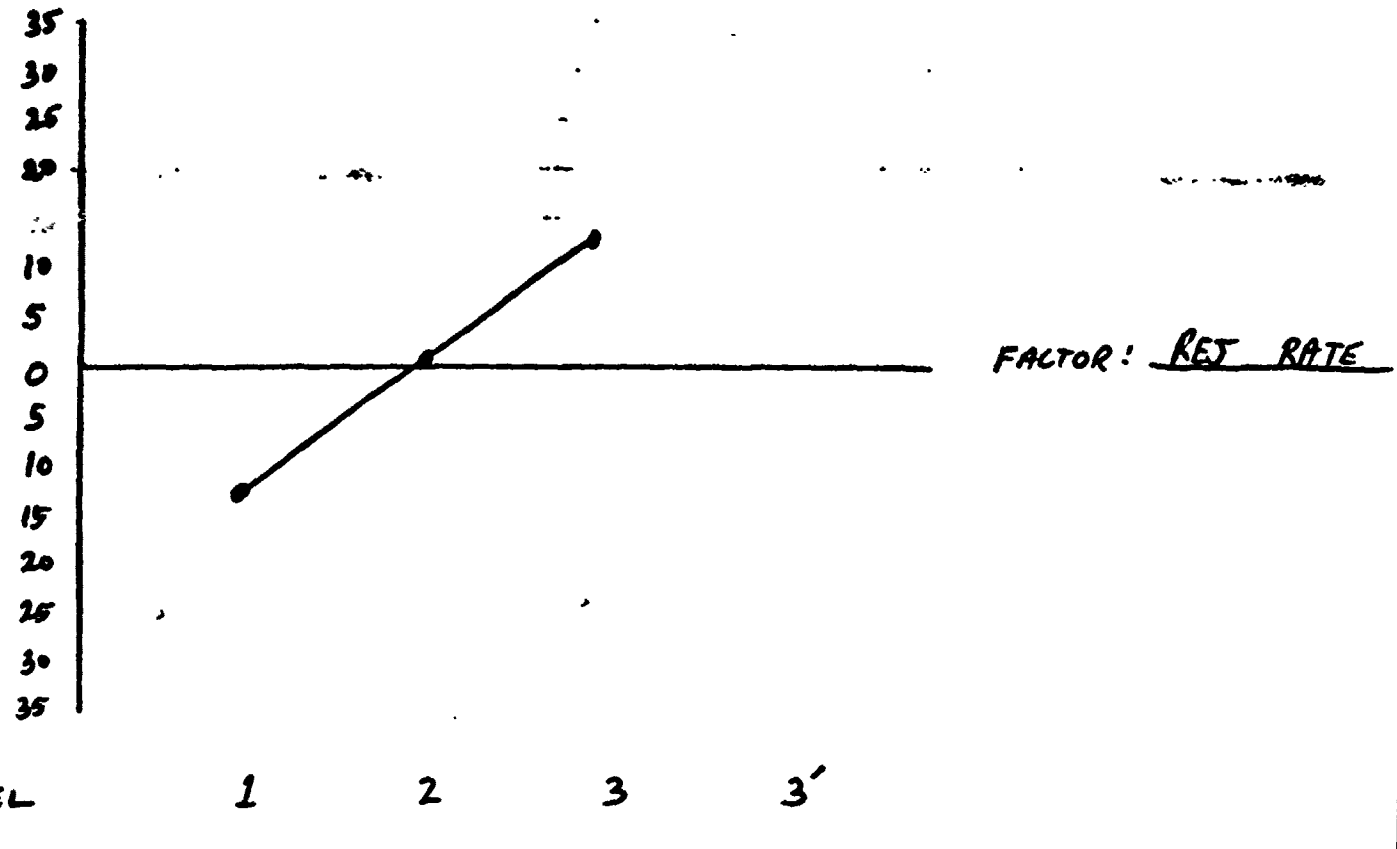
TAGUCHI L9 ARRAY

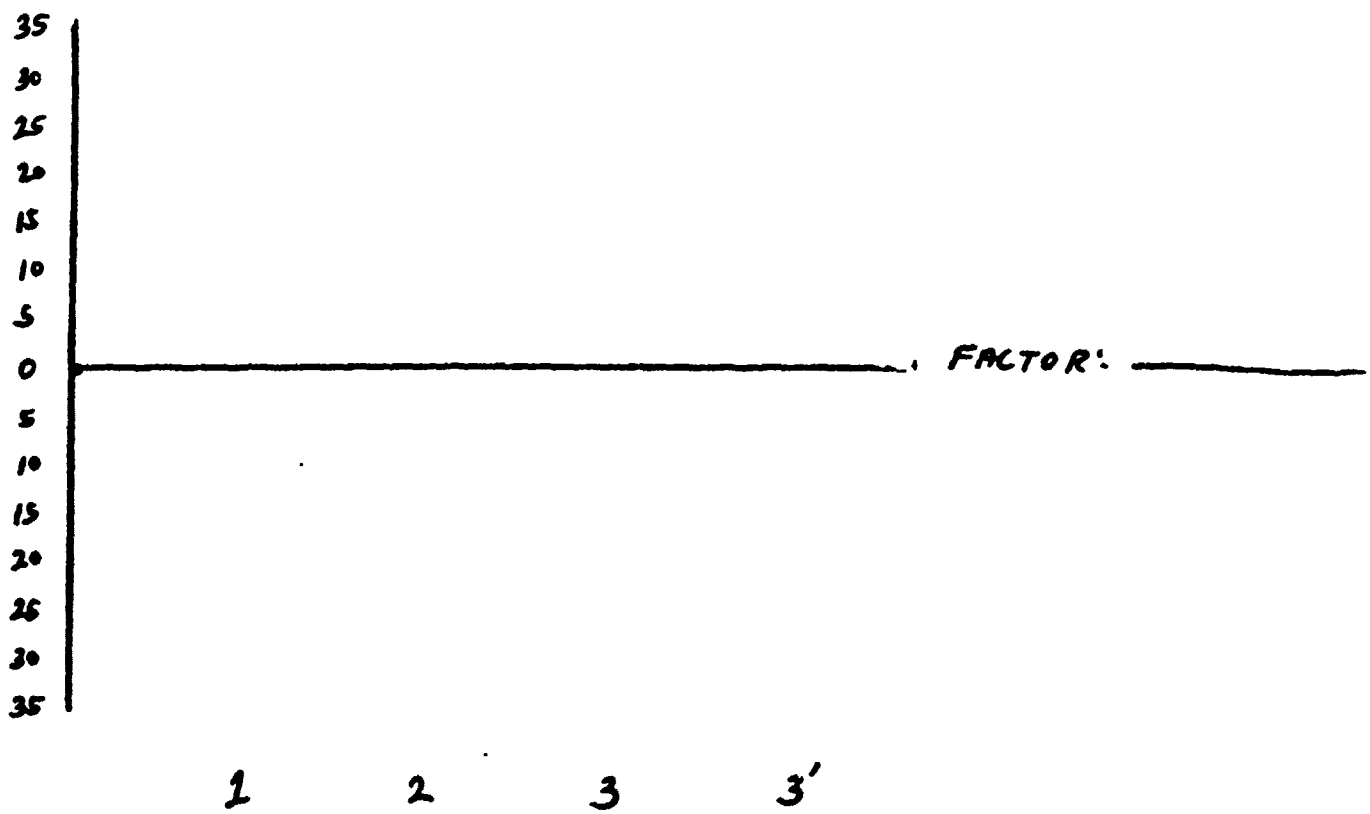
PCN: 10718A

EXP	TEST CAPABILITY	ASSEMBLER TNG	INDUCTION SCHED.	REJECT RATE	FLOW TIME	S/N db
1	AS IS	AS IS	FULL	10%	75.37	
2	AS IS	+7 TND	LEVEL	Ø	56.56	
3	AS IS	+7 UN TND	EMPTY	5%	68.04	
4	3 SFT/7 DAY	AS IS	LEVEL	5%	66.92	
5	3 SFT/7 DAY	+7 TND	EMPTY	10%	74.37	
6	3SFT/7DAY	+7 UNTND	FULL	Ø	58.75	
7	LEVEL 2 + NEW STANDS	AS IS	EMPTY	Ø	58.75	
8	LEVEL 2 + NEW STANDS	+7 TND	FULL	5%	66.92	
9	LEVEL 2 + NEW STANDS	+7 UNTND	LEVEL	10%	75.27	

$\bar{X} = 66.83$

PCN: 107184


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FACTOR: REF RATE
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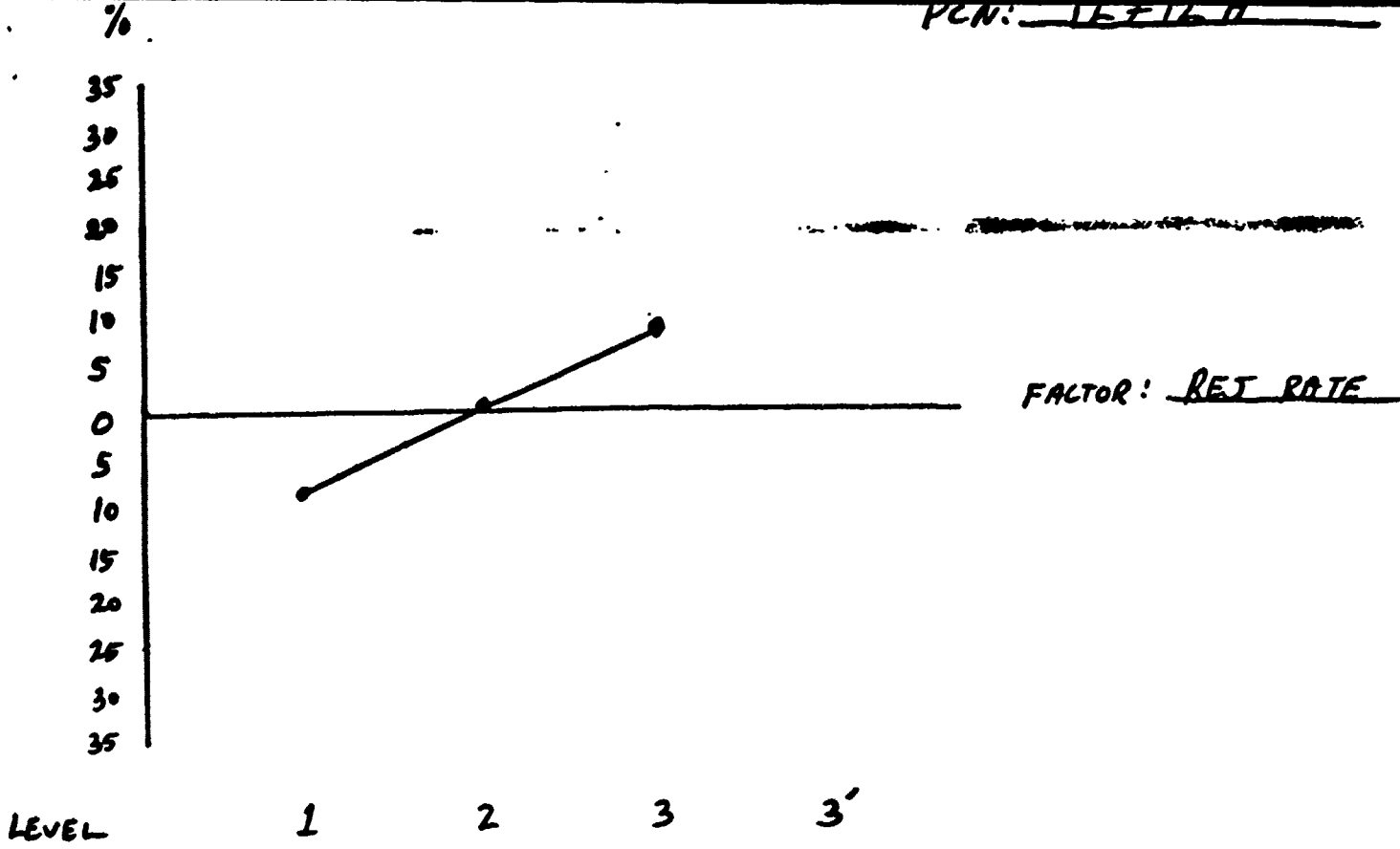
TAGUCHI L_9 ARRAY

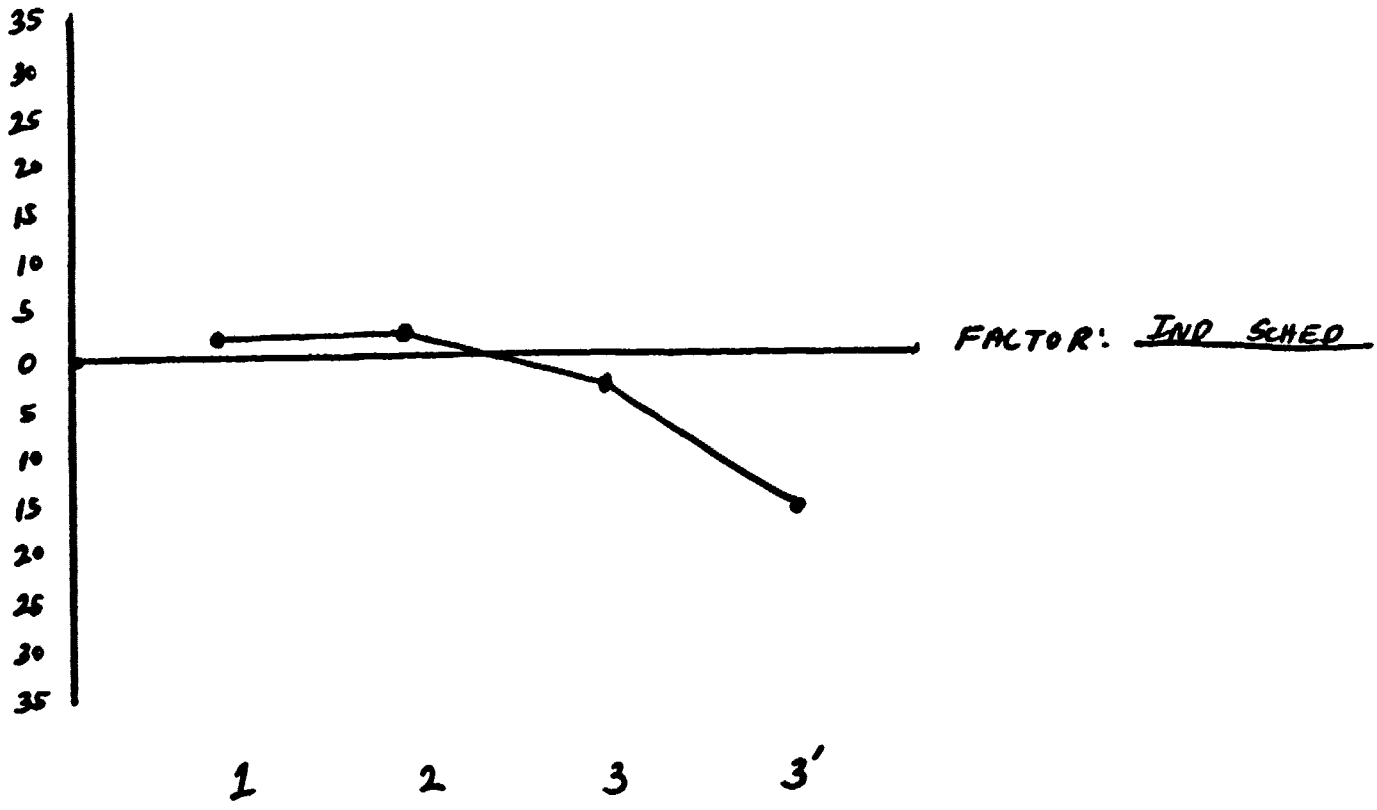
PCN: 12712A

EXP	TEST CAPABILITY	ASSEMBLER TNG	INDUCTION SCHED.	REJECT RATE	FLOW TIME	S/AL db
1	AS IS	AS IS	FULL	10%	285.56	
2	AS IS	+7 TND	LEVEL	∅	236.21	
3	AS IS	+7 UN TND	EMPTY	5%	~~261.43~~	
4	3 SFT/7 DAY	AS IS	LEVEL	5%	256.95	
5	3 SFT/7 DAY	+7 TND	EMPTY	10%	282.27	
6	3SFT/7DAY	+7 UNTND	FULL	∅	235.73	
7	LEVEL 2 + NEW STANDS	AS IS	EMPTY	∅	235.73	
8	LEVEL 2 + NEW STANDS	+7 TND	FULL	5%	256.95	
9	LEVEL 2 + NEW STANDS	+7 UNTND	LEVEL	10%	271.41	

$\bar{X} = 258.03$

PCN: 1EF16.0


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FACTOR: IND SCHED
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MAT PSS

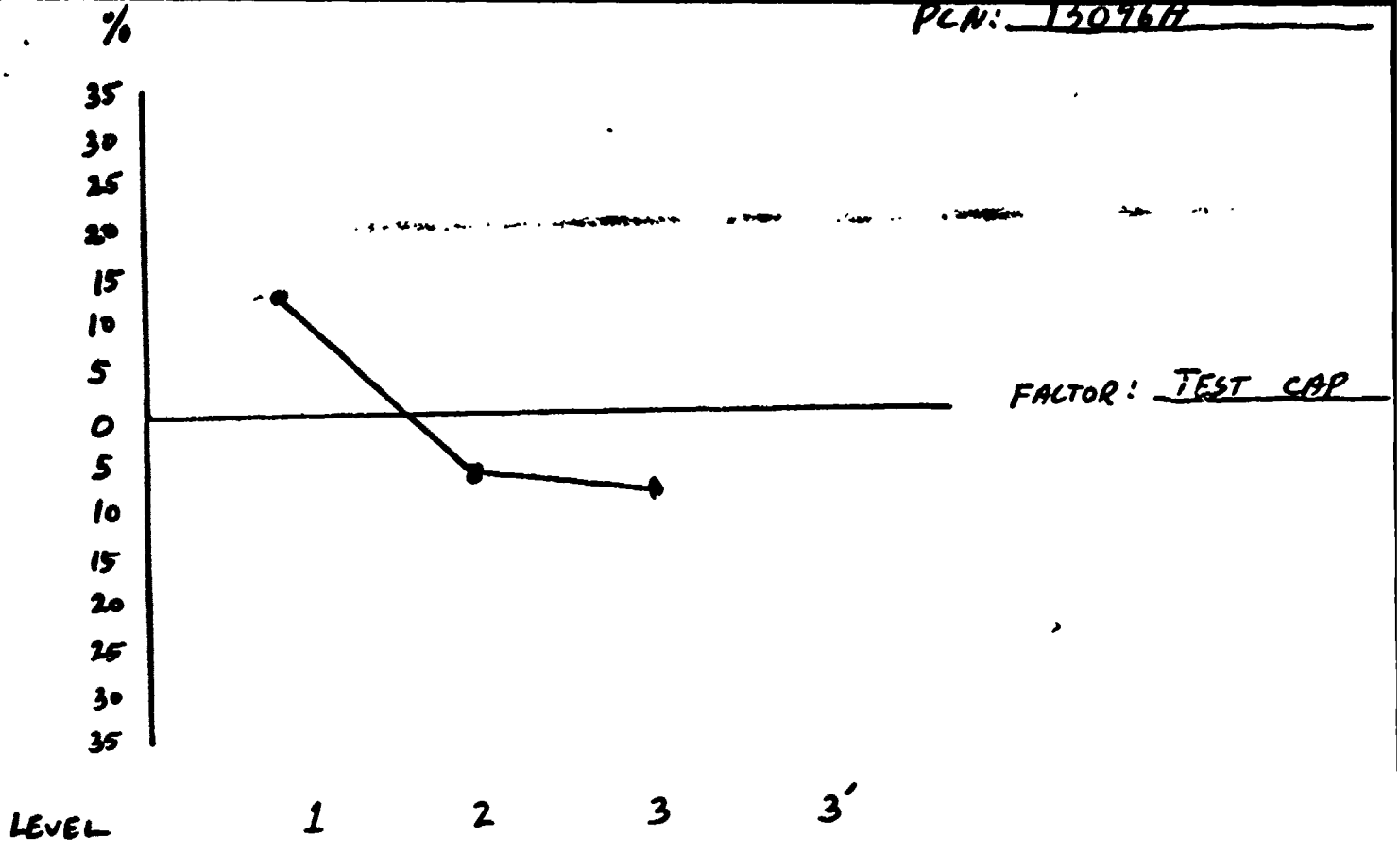
TAGUCHI L_9 ARRAY

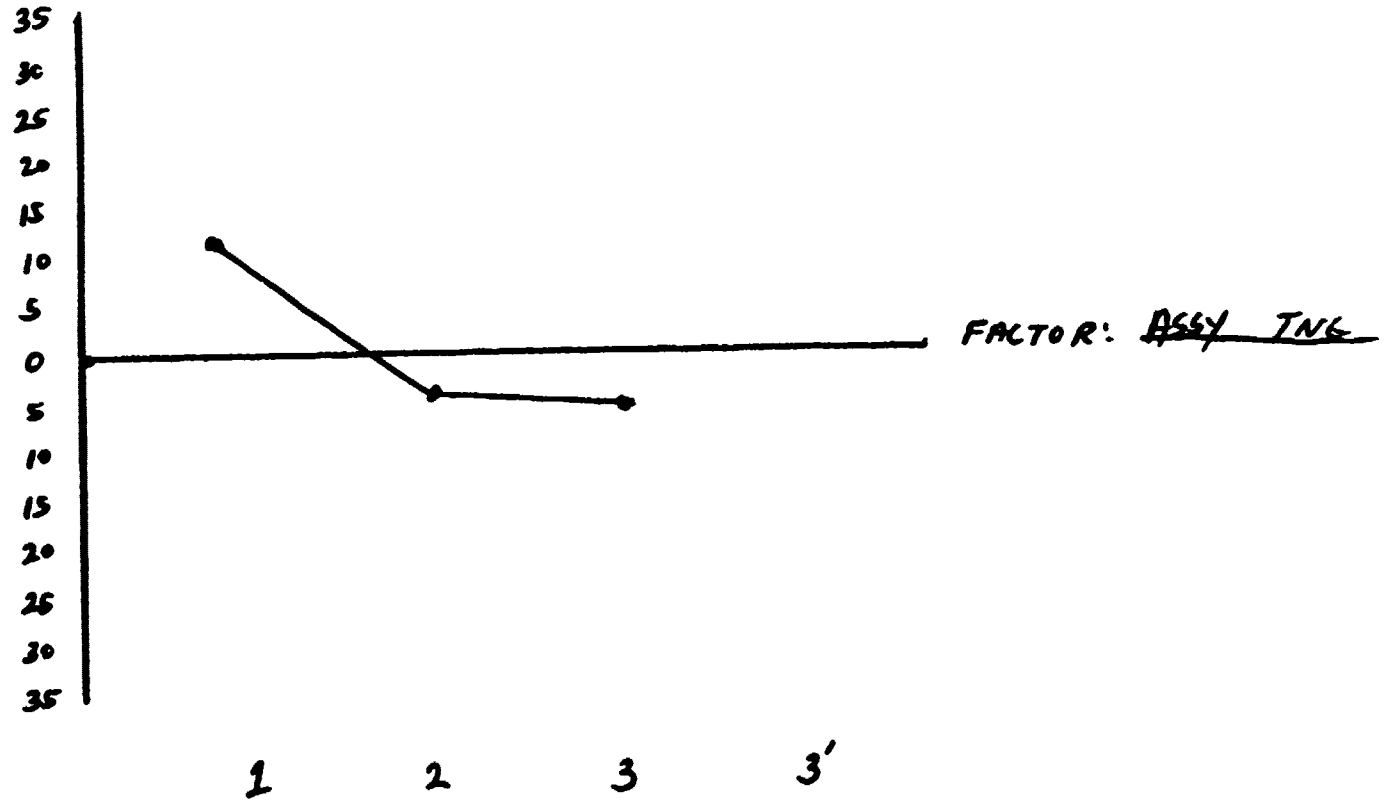
PCN: 13096A

EXP	TEST CAPACITY	ASSEMBLER ING	INJECTION SCHED.	REJECT RATE	FLOW TIME	S/N db
1	AS IS	AS IS	FULL	10%	105.19	-20.02
2	AS IS	+7 TND	LEVEL	Ø	62.28	-17.94
3	AS IS	+7 UN TND	EMPTY	5%	64.08	-18.06
4	3 SFT/7 DAY	AS IS	LEVEL	5%	61.72	
5	3 SFT/7 DAY	+7 TND	EMPTY	10%	70.30	-18.47
6	3SFT/7DAY	+7 UNTND	FULL	Ø	~~42.60~~ 54.47	-16.29
7	LEVEL 2 + NEW STANDS	AS IS	EMPTY	Ø	54.47	-17.74
8	LEVEL 2 + NEW STANDS	+7 TND	FULL	5%	61.72	
9	LEVEL 2 + NEW STANDS	+7 UNTND	LEVEL	10%	66.83	-18.25

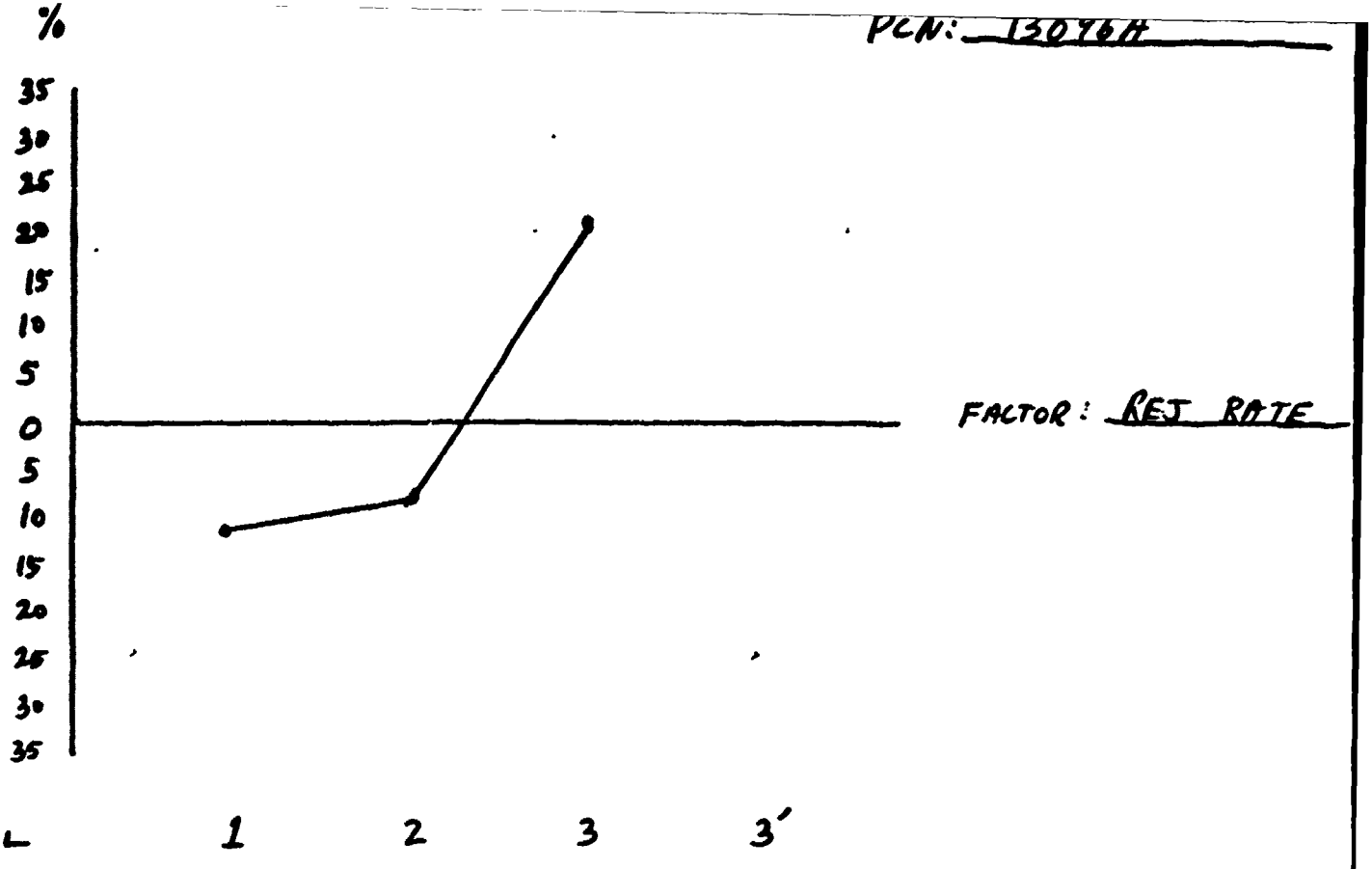
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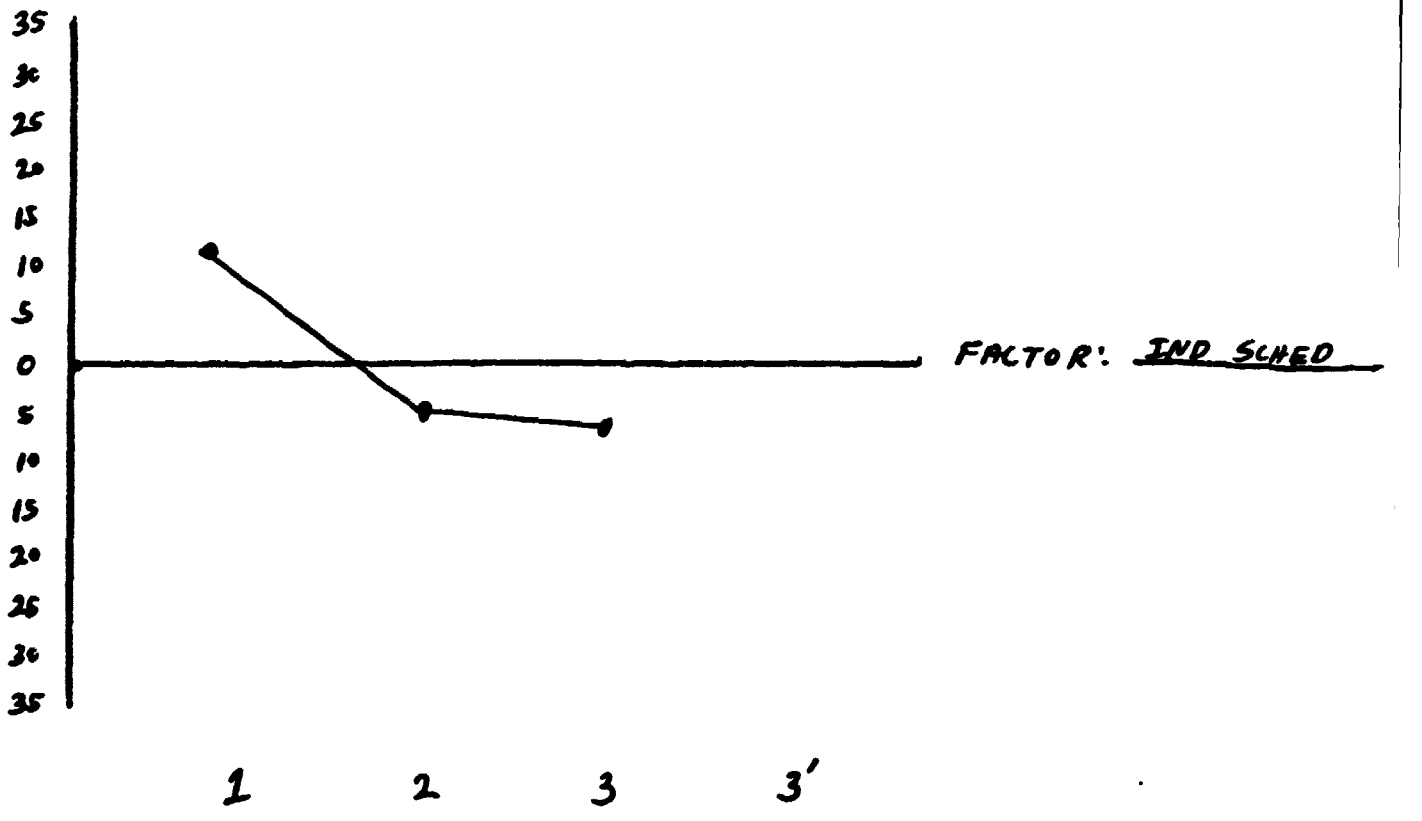
PCN: 13096H


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PCN: 13076A


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TECHNOLOGY INSERTION ENGINEERING SERVICES PROGRAM

/KAMAL ATTARIA

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

CONTROL NO. _____

TYPE PROPOSAL

- ☐ QUICK FIX
- ☐ FOCUS STUDY
- ☐ OTHER _____

ALC SA **DATE** 5/17/89
RCC MATPSS **ITEM NO.** 08007A, 04542A, 10598A, 10718A.
NOUN PARTS Pool .

CURRENT METHOD

THE CENTRAL GEAR BOX AND THE THREE STARTERS . ASSEMBLY AREA HAVE BEEN EXPERIENCING PROBLEMS WITH THE KITS SENT FROM PARTS Pool. PARTS Pool IN BUILDING 329 ASSEMBLES THE KITS AFTER THE DISASSEMBLED PARTS ARE RECEIVED FROM INSPECTION AND CLEANING. CURRENTLY THE ASSEMBLY MECHANICS MAKE SEVERAL TRIPS TO PARTS Pool AREA TO EXCHANGE OR EXPEDITE PARTS.

PROPOSED METHOD

THE WORKERS IN THE PARTS Pool AREA ARE SKILL LEVEL FIVE AND SEVEN COMPARE TO NINE AND TEN IN THE ASSEMBLY AREAS. TO SOLVE THE PROBLEM, AN EXPERIENCED ASSEMBLY MECHANIC SKILL LEVEL NINE OR TEN SHOULD HELP THE WORKERS IN THE PARTS Pool AREA TO MAKE ONE KIT FOR EACH ASSEMBLY.

BENEFIT OF CHANGE

SAVING OF TWO HOURS PER ASSEMBLY ON THE STARTERS AND CENTRAL GEAR BOX CAN BE ACHIEVED IF THIS PROBLEM IS ELIMINATED.

PRODUCTIVITY IMPROVEMENT SUMMARY

THE PRODUCTIVITY OF 31 ASSEMBLY MECHANICS WOULD BE IMPROVED BY ONE HOUR PER DAY.

LSC 20131A

TECHNOLOGY INSERTION ENGINEERING SERVICES PROGRAM

KAMAL ATTARIA

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

CONTROL NO. _____

TYPE PROPOSAL

- ☐ QUICK FIX
- ☐ FOCUS STUDY
- ☐ OTHER _____

ALC SA **DATE** 5/19/89
RCC 0ATPSS **ITEM NO.** 08007A & 04542A, 10598A, 10718A
NOUN MATERIAL HANDLING.

CURRENT METHOD

DURING ASSEMBLY AND TESTING OF THE CENTRAL GEAR BOX AND THE THREE CONVENTIONAL STARTERS THE COMPONENTS ARE MOVED BACK AND FORTH BETWEEN THE BUILDINGS SEVERAL TIMES. CURRENTLY THE ASSEMBLY AND TEST MECHANICS ARE TRANSPORTING THE COMPONENTS BACK AND FORTH BETWEEN THE BUILDINGS. TOTAL TIME SPENT TO TRANSPORT EACH COMPONENT BETWEEN THE VARIOUS SHOPS IS AVERAGING TWO HOURS PER ASSEMBLY.

PROPOSED METHOD

TRANSPORTATION OF PARTS, COMPONENTS AND ASSEMBLIES SHOULD BE ACCOMPLISHED BY THE TRANSPORTATION GROUP.

NOT AN APPROPRIATE ALTERNATIVE METHOD

BENEFIT OF CHANGE

TWO TO THREE MECHANICS PER DAY WOULD BE FREE TO PERFORM ASSEMBLY JOBS INSTEAD OF DOING LOW SKILL WORK.

PRODUCTIVITY IMPROVEMENT SUMMARY

THE OUTPUT OF THE CENTRAL GEAR BOX AND THE CONVENTIONAL STARTERS ASSEMBLY WOULD IMPROVE BY SEVEN TO TEN PERCENT.

LSC 20131A

5/22/89

BILL MORL[illegible] 643 645

TECHNOLOGY INSERTION ENGINEERING
SERVICES PROGRAM

CONTROL NO. SA 07

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

TYPE PROPOSAL

- ☐ QUICK FIX
- ☒ FOCUS STUDY
- ☐ OTHER _____

ALC SA DATE 5-19-89
RCC MATPSS ITEM NO. _____
NOUN _____

CURRENT METHOD REPAIR PART KITS (FOR GEAR BOX ASSEMBLY) FREQUENTLY HAVE PARTS MISSING. THIS CAUSES A LINE STOPPAGE AND A HEAVY LOSS OF MANHOURS. THE MECHANICS REPORT PART SHORTAGES THEIR #1 PROBLEM IN GEAR BOX ASSEMBLY.

PROPOSED METHOD

A COMPLETE REVIEW OF THE INVENTORY CONTROL PROCEDURES RELATED TO PART KITS.

BENEFIT OF CHANGE

INCREASED PRODUCTION.

PRODUCTIVITY IMPROVEMENT SUMMARY

LSC 20131A

5/22/89

TECHNOLOGY INSERTION ENGINEERING
SERVICES PROGRAM

(also 631 ?.)

BILL [illegible]

CONTROL NO. SA. 28

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

ALC SA DATE 5-19-89
RCC MATPSS ITEM NO. _____
NOUN _____

TYPE PROPOSAL

- [x] QUICK FIX
- [ ] FOCUS STUDY
- [ ] OTHER _____

CURRENT METHOD

WORKSTANDS IN THE GEARBOX ASSEMBLY AREA HAVE VERY LIMITED MOVEMENT REQUIRING THE MECHANIC TO BEND AND SQUAT TO ACHIEVE ACCESS AND VISION INSIDE THE GEARBOX.

PROPOSED METHOD

REPLACE PRESENT WORKSTANDS WITH DOUBLE SWIVEL WORKSTANDS.

BENEFIT OF CHANGE

INCREASED PRODUCTION AND DECREASED MANPOWER FATIGUE.

PRODUCTIVITY IMPROVEMENT SUMMARY

LSC 70131A

5/22/89

C.10

TECHNOLOGY INSERTION ENGINEERING
SERVICES PROGRAM

CONTROL NO. SA-011

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

TYPE PROPOSAL
- [x] QUICK FIX
- [ ] FOCUS STUDY
- [ ] OTHER _____

ALC SA DATE 5-15-89
RCC MATPS ITEM NO. 08004A & 08005A
NOUN F15 AMAD LH & RH

AP Holm

CURRENT METHOD

The assembly WCD's presently call for operation no. 55 which assembles the LAY shaft and then installs it in operation 60. Epoxy is used to repair/replace a seal in operation and must be allowed to set before the parts can be handled.

PROPOSED METHOD

The work called for in operation 55 should be the first operation of the WCD's so the LAY shaft assembly can be set aside and allowed to set before it is needed in the assembly process.

BENEFIT OF CHANGE

Delay time is eliminated waiting for the epoxy to set enough to permit the safe handling of the LAY shaft. Revision of the WCD's will assure that the knowledge of the more experienced mechanics is incorporated into the process.

PRODUCTIVITY IMPROVEMENT SUMMARY

LSC 20171A

5/22/89

632

CONTROL NO. SA 012

TECHNOLOGY INSERTION ENGINEERING SERVICES PROGRAM

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

TYPE PROPOSAL
- [x] QUICK FIX
- [ ] FOCUS STUDY
- [ ] OTHER _____

ALC E7 DATE 5-15-89
RCC MATPSS ITEM NO. 08004A + 08005A
NOUN F15 AMAD LH + RH

APHolm

CURRENT METHOD

The disassembly WCD's have an operation no. 40 which is approximately ½ hour into the process. This operation calls for an examination of the unit to determine if it has been exposed to excessive heat and should therefore be condemned.

PROPOSED METHOD

Perform the examination call for in operation 40 first and condemn those units which have been overheated immediately.

BENEFIT OF CHANGE

Labor will not be wasted on units which are condemned by the examination now done in operation 40.

PRODUCTIVITY IMPROVEMENT SUMMARY

LSC 20131A

TECHNOLOGY INSERTION ENGINEERING
SERVICES PROGRAM
KAMAL ATTARIA

CONTROL NO. SA-020

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

TYPE PROPOSAL
- ☐ QUICK FIX
- ☐ FOCUS STUDY
- ☐ OTHER _____

ALC SA DATE 5/23/89
RCC MAIPSS ITEM NO. 08007A
NOUN CENTRAL GEAR BOX ASSEMBLY SHOP

CURRENT METHOD

THE CENTRAL GEAR BOX ASSEMBLY AREA HAS TWO VISES MOUNTED ON TWO WORK BENCHES. EACH MECHANIC USES A VISE 20 TO 30 TIMES DURING THE ASSEMBLY OF EACH CENTRAL GEAR BOX. CURRENTLY THE 18 MECHANICS HAVE TO HAUL THE PARTS AND TOOLS ACROSS THE ASSEMBLY SHOP.

PROPOSED METHOD

FIVE NEW VISES SHOULD BE ADDED TO THE CENTRAL GEAR BOX ASSEMBLY SHOP.

BENEFIT OF CHANGE

EACH MECHANIC WILL HAVE A VISE CLOSE TO HIS WORK BENCH

PRODUCTIVITY IMPROVEMENT SUMMARY

ELIMINATION OF TWO AND THREE MECHANICS STANDING IN LINE TO USE A VISE.
SAVING OF ONE HOUR PER CENTRAL GEAR BOX ASSEMBLY.

LSC 20131A

E. R. MARY

CONTROL NO. S -032

TECHNOLOGY INSERTION ENGINEERING
SERVICES PROGRAM

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

TYPE PROPOSAL
- [x] QUICK FIX
- [ ] FOCUS STUDY
- [ ] OTHER _____

ALC SA DATE 5/8/89
RCC MATDSS ITEM NO. _____
NOUN INSPECTION

CURRENT METHOD APPROXIMATELY 25% OF ALL DETAIL PARTS FLOW FROM DISASSEMBLY THRU CLEANING, BY-PASS INSPECTION AND GO DIRECTLY TO THE PARTS POOL. THESE PARTS ARE PRIMARILY HARDWARE ITEMS AND ARE MAINTAINED AS A KIT AND ARE DISBURSED BY PARTS POOL ALONG WITH THE ASSEMBLY PARTS KITS. THE FIRST THING THE ASSEMBLY MECHANIC (WG-9's AND 10's) IS REQUIRED TO DO IS VISUALLY INSPECT THE HARDWARE KIT. REMOVE NICKS AND BURRS AND CORROSION TREAT PER A WCD.

PROPOSED METHOD ESTABLISH ONE OR MORE INSPECTION STATIONS WHERE THIS INSPECTION AND REWORK WOULD BE ACCOMPLISHED BY LOWER GRADE INSPECTORS WITHIN THE INSPECTION AREA.

(THESE ARE SAME INSPECTION STATIONS RECOMMENDED BY QUICK FIX SA-001.)

BENEFIT OF CHANGE WOULD ELIMINATE THESE PARTS FROM BEING INSPECTED BY HIGHER GRADE/HIGHER SKILL LEVEL/HIGHLY TRAINED MECHANICS. WOULD REMOVE THIS TYPE INSPECTION AND REWORK FROM THE ASSEMBLY STATIONS. WOULD ELIMINATE BAD PARTS GETTING TO THE ASSEMBLY STATIONS WHICH REQUIRES THE ASSEMBLY MECHANIC TO REPLACE. WILL INCREASE THE THRU-PUT CAPACITY OF THE ASSEMBLY STATIONS.

PRODUCTIVITY IMPROVEMENT SUMMARY

WILL REDUCE COST AS A RESULT OF LOWER LABOR CLASSIFICATIONS, INCREASE THRU-PUT CAPACITY AND ELIMINATE BAD PARTS GETTING TO THE ASSEMBLY STATIONS.

LSC 20131A

TECHNOLOGY INSERTION ENGINEERING SERVICES PROGRAM

CONTROL NO. SA 029

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

TYPE PROPOSAL

- ☐ QUICK FIX
- ☒ FOCUS STUDY
- ☐ OTHER _____

ALC SA-ALC DATE 24MAY89
RCC COMMAND WIDE ITEM NO. _____
NOUN WARRANTY OF NEW PARTS

CURRENT METHOD: SUPPLY RECEIVES AND STORES NEW SUPPLIER PARTS FOR SUBSEQUENT DISTRIBUTION FOR ALC USE. PARTS ARE DISTRIBED RANDOMLY WITHOUT REGARD TO WARRANTY DATES. DISTRIBUTED

PROPOSED METHOD: FOCUS STUDY TO DETERMINE A WAY TO DATE STAMP EVERY PART (OR PACKAGE THAT CONTAINS A PART) AS IT IS RECEIVED. DETERMINE HOW PARTS SHOULD BE STORED IN SUCH A WAY THAT THE OLDEST DATE STAMPED PART IS ISSUED FIRST (FIFO).

BENEFIT OF CHANGE: SIGNIFICANT COST SAVINGS IN RECEIVING FULL SUPPLIER CREDIT FOR DEFECTIVE PARTS STILL UNDER WARRANTY. INCREASE CONTROL OVER SUPPLIER PROBLEMS QUICKLY. SUPPLIER CORRECTIVE ACTION BECOMES MORE TIMELY, RESPONSIVE AND EFFECTIVE AT THEIR COST.

PRODUCTIVITY IMPROVEMENT SUMMARY

(1) LESS DOWNTIME DUE TO REMOVAL OF DISCREPANT PARTS FROM SUPPLY. (2) ONCE NEW SYSTEM IS IN PLACE AND OPERATING A MORE EFFICIENT OPERATION WILL INSUE.

LSC 70131A

C/C: BUTLER 'B'

TECHNOLOGY INSERTION ENGINEERING SERVICES PROGRAM

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

CONTROL NO. SA-035

TYPE PROPOSAL

- [X] QUICK FIX
- [ ] FOCUS STUDY
- [ ] OTHER _____

ALC ALL **DATE** 13 JUN 89
RCC ALL **ITEM NO.** 6
NOUN SCRAP

CURRENT METHOD

PRODUCTION OPERATIONS GENERATE SCRAP THROUGH A VARIETY OF CAUSES. THIS SCRAP IS ORDINARILY REMOVED FROM THE RCC FOR DISPOSAL, ALONG WITH THE ACCOMPANYING WCD.S

PROPOSED METHOD

EACH RCC SHOULD MAINTAIN A SCRAP LOGBOOK THAT LISTS EACH PART AS IT IS SCRAPPED AND THE CAUSE FOR SCRAPPING THE PART.

BENEFIT OF CHANGE

A PERIODIC REVIEW OF AN RCC'S SCRAP LOGBOOK COULD BE USED TO DETERMINE HOW TO REDUCE EXCESSIVE SCRAP BY IMPLEMENTING METHODS TO ELIMINATE, OR REDUCE, THE REPETATIVE CAUSES FOR SCRAPPING PARTS.

PRODUCTIVITY IMPROVEMENT SUMMARY

PRODUCTIVITY IMPROVEMENT IS DIRECTLY RELATED TO REDUCING SCRAP BY CORRECTLY REPAIRING A PART OVER THE SAME TIME PERIOD THAT A PART PREVIOUSLY WAS INCORRECTLY REPAIRED. ALSO, MATERIAL WASTE IS REDUCED BY NOT HAVING TO DISPOSE OF THE SCRAPPED PART.

LSC-20131A

ccf Buttry

TECHNOLOGY INSERTION ENGINEERING
SERVICES PROGRAM

CONTROL NO. SA 137

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

TYPE PROPOSAL

- ☐ QUICK FIX
- ☒ FOCUS STUDY
- ☐ OTHER _____

COMMAND
ALC WIDE DATE 18 MAY 89
RCC _____ ITEM NO. _____
NOUN TECHNICAL ORDERS

CURRENT METHOD: THE TECH ORDERS USED BY THE MECHANICS ARE USUALLY UNAUTHORIZED AND UNCONTROLLED COPIES. THE COPIES MAY ALSO BE OUT OF DATE. AT TIMES "WORD OF MOUTH" INFORMATION IS USED AS TECH ORDER REVISIONS OR UPDATES.

PROPOSED METHOD: REPLACE TECH ORDER MANUALS WITH COMPUTER GENERATED, ELECTRONICALLY UPDATED TECH ORDERS. TRAIN MECHANICS TO USE THE COMPUTER GENERATED TECH ORDERS. THIS WAY THE MOST CURRENT PROCEDURES CAN BE FOLLOWED AS THEY BECOME AVAILABLE.

BENEFIT OF CHANGE: CURRENT TECH ORDERS ALWAYS EASILY ACCESSIBLE
DECREASE IN TIME SPENT IN REWORK.

PRODUCTIVITY IMPROVEMENT SUMMARY: PRODUCTIVITY WILL IMPROVE DUE TO THE DECREASE OF REWORK RATE CAUSED BY IMPROPER NONCURRENT PROCEDURES BEING USED.

LSC 20131A

Same as 5-4 CW C.E. B.
A. Holm

TECHNOLOGY INSERTION ENGINEERING SERVICES PROGRAM

CONTROL NO. SA-040

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

TYPE PROPOSAL
- [x] QUICK FIX
- [ ] FOCUS STUDY
- [ ] OTHER _____

ALC SA **DATE** 05-15-91
RCC 31771 **ITEM NO.** PCN 4000-00-00 #108 USA
NOUN WCD TACOSK # TA2766K

CURRENT METHOD Experienced mechanics allow time for the epoxy to cure enough so the parts can be handled before performing operation #60 on the WCD's. Operation #55 starts the use of the epoxy.

PROPOSED METHOD Revision of the AMAD order of operations to place operation #55 before operation #10. This is a more logical place for it to occur.

BENEFIT OF CHANGE When done at this time, the epoxy which may be needed in operation #55 has time to cure before the part is handled during installation in operation #60. The experienced mechanics are aware of this problem and the WCD needs to reflect this so all operators will avoid waste of time waiting for epoxy to cure enough so the parts can be safely handled.

PRODUCTIVITY IMPROVEMENT SUMMARY

LSC-20131A

A. Helm

TECHNOLOGY INSERTION ENGINEERING SERVICES PROGRAM

CONTROL NO. SA-041

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

TYPE PROPOSAL
- [x] QUICK FIX
- [ ] FOCUS STUDY
- [ ] OTHER _____

ALC SA **DATE** 4-17-89
RCC MATRIX **ITEM NO.** PCN #08[illegible]6A & #130[illegible]6A / WCD #TA101H & TA032Q
NOUN F16 & F16 Jet Fuel Starters

CURRENT METHOD Jet Fuel Starter assembly mechanics have devel. a cardboard assembly aid to store the bolts used in build up of the assemblies. They select the proper bolts for each location and place them on this template before they begin the assembly operation. This helps to prevent errors and speed up the process.

PROPOSED METHOD This template is made of ordinary corrugated cardboard and has to be replaced regularly. More durable materials could be used and scaled labels put on the template to further assist in error-free work.

BENEFIT OF CHANGE Other uses for this may well be found by a review of similar equipment. Advantage would be reduction in labor and less error.

PRODUCTIVITY IMPROVEMENT SUMMARY

LSC-20131A

A. Holm

TECHNOLOGY INSERTION ENGINEERING SERVICES PROGRAM

CONTROL NO. SH-D42

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

TYPE PROPOSAL
- [x] QUICK FIX
- [ ] FOCUS STUDY
- [ ] OTHER _____

ALC SA DATE 11/20/81
RCC MATPS ITEM NO. Various
NOUN F15, F16 & Starters

CURRENT METHOD THE PARTS THAT NEED TO BE HEATED OR COOLED [illegible] ARE NOT STARTED UNTIL NEEDED TO BE WORKED.

PROPOSED METHOD Wherever possible the heating and/or cooling should be started far enough in advance of the operation where the parts are to be assembled or disassembled so that wait time can be eliminated. A review of WCD's which call for parts to be heated and/or cooled to facilitate assembly or disassembly should be started.

BENEFIT OF CHANGE Adding an operation to start the heating and/or cooling where it is possible to do so will reduce wait time as much as possible. Some mechanics seem to do this already, but others may need to have direct instructions put into the WCD's to get this benefit.

PRODUCTIVITY IMPROVEMENT SUMMARY

LSC-20131A

EARL MAY

CONTROL NO. SA- 50

TECHNOLOGY INSERTION ENGINEERING
SERVICES PROGRAM

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

ALC SA DATE 8/13/89
RCC MATPC & MATRLS ITEM NO. _____
NOUN STANDARDIZE FORMAT & CONTENT OF WCD'S

TYPE PROPOSAL

- [X] QUICK FIX
- [ ] FOCUS STUDY
- [ ] OTHER _____

CURRENT METHOD No consistent standard exists or is used to ensure that WCD's are written using a consistent format and content. Since many different planners prepare WCD's, different sequences and process steps result for similar parts and addi...

PROPOSED METHOD Develop standards for writing WCD's. Make it mandatory that planners use the standard procedures.

BENEFIT OF CHANGE More consistent planning for mechanics to follow. Would ensure that all info. information is included and that sequences are correct.

PRODUCTIVITY IMPROVEMENT SUMMARY

The benefits from this recommendation will result in intangible savings which are not directly quantifiable. Improved quality and reduction in rework will result from having high quality and consistent WCD's. The total time spent in writing could be reduced considerably once a well-defined standard is established and implemented.

LSC-20131A

PIO-QF

HOLM

DATE: 4-20-89

ENGINEERING DATA (PID)

PRODUCT: F15+F16+ Starters
RCC CODE: MATPSS
WCD: Various
PCN: Various
DISP./FS STATION:

A review of WCD's which call for parts to be heated and/or cooled to facilitate assembly or disassembly should be started. Where ever possible the heating and/or cooling should be started far enough in advance of the operation where the parts are to be assembled or disassembled so that wait time can be eliminated. Adding an operation to start the heating and/or cooling where it is possible to do so will reduce wait time as much as possible. Some mechanics seem to do this already but others may need to have direct instructions put into the WCD's to get this benefit.

AFH

6.2.5

SA-ALC/MATPSS
BILL MORGAN

TCC-- MATPSS

AMAD & ADG GEAR BOX ASSEMBLY

TROBLEM: MANPOWER FATIGUE

GEAR BOX ASSEMBLY REQUIRES EXTENSIVE VISUAL INSPECTION BY THE MECHANIC PERFORMING THE ASSEMBLY.

PRESENT WORKSTANDS HAVE LIMITED MOVEMENT REQUIRING THE MECHANIC TO SQUAT & BEND HIS BODY TO ACHIEVE VISION INSIDE THE GEARBOX.

RECOMMEND A DOUBLE SWIVAL WORK STAND

Bill Morgan

PIO 0F

DATE: 4-17-89

ENGINEERING DATA (PIO)

PRODUCT: F15 & F16 Jet Fuel Starters
RCC CODE: MATPSS
WCD: TA101H & TA032Q
PCN: 08006A & 13096A
DISP./FS STATION:

Jet Fuel Starter assembly mechanics have developed a card board assembly aid to store the bolts used in build ups of the assemblies. They select the proper bolts for each location and place them on this template before they begin the assembly operation. This helps to prevent errors and speed ups the process. This template is made of ordinary corrugated card board and has to be replaced regularly. More durable materials could be used and sealed labels put on the template to further assist in error free work. Other uses for this may will be found by a review of similar equipment. Advantage would be reduction in labor and less error.

APH

GENERAL: BLDG 329 & 375

QF #4

1. Operations of fork lift equipment needs to be reviewed for safety reasons.

Observed careless and imprudent operation. Provide additional mirrors at aisle (blind) intersections.

Pedestrian traffic aisles should be provided and marked to allow efficient flow of traffic for both employees and vehicular traffic.

2. WCD's are based on the TO Manuals and don't necessarily reflect what actually is being done in Production.

- TO should be used as a reference document only when WCD is being written but Planner needs to review floor operations to establish proper sequence of operations and proper tool usage.
- Tools should be called out on WCD to aide operator and eliminate unnecessary research of TO's by operators.
- "Planner is responsible for accomplishing the think time so that operator only has to read and do."
- In some cases, TO's are out of date calling for non-existent tools and processes and do not agree with tools that are being used.
- WCD's are responsibility of Planners and do not appear to be dedicated to accurracy and reliability. WCD's are inconsistant in detail from Planner to Planner. One calls out tool and other will refer to TO by paragraph.

3. Mechanics time observed to be not fully utilized.

- Allowed to spend too much time away form work station.
- Chasing parts they need.
- Long discussions between operators that didn't pertain to work (non-related subjects to work).
- If they didn't have an item to work on they sat around.

Opinion: Most supervision has been elevated from mechanics force/ranks and continue to foster above problems; due to lack of management training or "don't rock the boat syndrome".

4. WCD - Inaccurate History - When an operation was completed the operator didn't stamp it off as complete at that time but waited until job was complete and then stamped operations at that time. Would give a false reading as to when work was actually completed.

43 5. Inspection Area -- Large backlog of work stored in tote boxes.

6. Parts System -

- While in building 329, part of the Parts Pool was relocated. (STATE PARTS)
- Generally, parts storage and retrieval systems appeared to be antiquated and very inefficient. Many tote boxes sitting around.
- Appeared to have very little organization.
- Did not spend much time investigating this area therefore above observations are first impressions.
- In all ROC's it was mentioned that part shortages are one of their biggest problems.
- Many kits supplied to production with part shortages and shortages not identified and weren't discovered until mechanic started assembly.
- THIS AREA WOULD MAKE A GOOD FOCUS STUDY.
- Have plans for carousel but don't think funding approved at this time.

7. WCD's should specify labor grades by operation. WCD's do not specify lowest labor grade required to perform an operation. Therefore, many instances observed where highest mechanic grade is performing the lowest labor grade work.

± 1 8. Improper handling and kitting of parts by material system has caused damage to parts therefore, mechanic inspects all parts before using part in assembly.

IS #3 9. Cleaning of Parts - Even though parts are sent to Building 360 for cleaning, many parts are recleaned in Building 329. Either provide Building 329 with their own total cleaning facility or make sure parts are cleaned thoroughly in Building 360 and eliminate cleaning facility in Building 329.

10. Sheltered work shops could be used to sort small expensive parts and also do simple inspections.

11. Training - It appears there are Journeymen Mechanics that are not fully qualified to perform all aspects of their job classification. There seems to be a perponderance of WG-10's verses other labor grades. Is there justification for this situation?

FSB ✓ 12. Tools - Mechanics stated that bad/worn tools are turned in to tool crib and replacement tools issued are just as bad/worn as tools turned in. Its quite a hassle to get a good/useable tool.

- Many tools are poor quality.
- Operators prohibited from bringing own tools in.

13. Facility Layout - Each major part has its own room/area (air conditioned). It appears better utilization of space and manpower could be achieved if some of these were combined.

- Not overly impressed with general flow and movement of material.

14. Setting up equipment and room with new equipment for purpose of doing their own balancing of rotating components. Is this redundant with existing capabilities?

QF #5 15. There's a lot of material movement accomplished by WG-10 mechanics that could by handled by a lower grade material handling personnel if these people existed.

16. Time Standards - In most cases observed, standards are in gross terms and can not be identified by operation sequence.

17. Parts Pool - Observed material personnel kitting parts. Totes boxes on floor and personnel was placing parts in each tote box. This area appears to need investigation to improve productivity. (Comments made about carousels, reference paragraph 6).

18. Material - Engineer responsible to review rejected parts for possible rework of rejected parts. This area is understaffed, therefore there appears to be a large number of parts in this area. This is area Bin C Condemned Parts. MM Engineer can disposition to rework in house, send outside for rework or condemn.

RCC MATPSS (AMAD) (CENTRAL GEAR BOX) (ACCESSORY GEAR BOX)

BLDG 329

1. Mechanics time observed to be not fully utilized.
2. Special tools cabinet located inconveniently. Too many trips back and forth to get tools and/or put them away. Same applies to the standard tool cabinet. All tools get inventoried and locked up every night.
3. If work stand were modified to provide trays to hold tools and parts, travel back and forth to tool cabinets would be eliminated. Need methodization of work stations.
4. Survey standard tools provided to ascertain that adequate and proper tools are available to accomplish the task.
5. Utilization of Air Driven/Pneumatic tools would reduce fatigue and improve productivity.
6. Incoming and outg ing material supporting AMAD area could be a potential safety problem due to storage on main aisle.
7. WCD Operations not followed sequentially by operators because they see shortcuts in many cases.
8. Before mechanic starts assembly he must first take AMAD housing outside of room and clean with air and freon. This is necessary because housings has not been properly maintained/stored after cleaning and inspection. Operator must wear ear muffs and safety glasses. Cleaning area and equipment is located in the aisle which is a hazard to any passerby.
9. Completed WCD's for AMAD disassembly were not saved therefore no history available.
10. Testing - (2) test stands available but only one capable of testing because parts missing from other one.

° Much mechanic time is idle time waiting for temperature to drop on part so that part can be handled.

11. AMAD Work Stand design modified five (5) years (?) ago. One (1) stand has been modified to add rotating device and five (5) stands still waiting to be modified.

RCC MATPSS (JET FUEL STARTER F15 & F16)

12. Balancing - Mechanic takes the Gas Generator and Power Turbine to a balancing room (100 ~~years~~ YARDS away) plus associated/required special tools to balance these items. While tools are gone from shop they are not available for use by other mechanics. The assembly and balancing areas should be adjacent to one another. Balancing equipment is common to and used for other assemblies.
13. WCD does not reflect the actual disassembly and assembly sequences as performed by mechanic.
14. Need to provide modified fixtures/work stands to eliminate use of wooden holding fixture/garbage can to perform assembly sequence. AMAD could receive serious damage if knocked off of fixture.

RCC (MATPSS) F16 Jet Fuel Starter

1. Disassembly of Combuster Housing and Turbine Housing homemade 3'x3' stand bolted to floor with a wood fixture bolted to the stand to accomplish this disassembly. Physical effort required to separate these items. There should be a better way with better fixturing to perform this task. Requires mechanics to BEND bond over fixture.

HNOLOGY INSERTION ENGINEERING SERVICES
INEERING NOTES

PAGE 1

RCC: GONDEK

NAME: E R MART

ALC

1. 3/31/89
Toured Bldg 329 with TTI team members for their familiarization of the facility.

2. Requested Workload requirements for FY 88 and latest facility layouts available from Juan Barraza and Dan Gonzales MATEA. (X54662)

3. 4/3/89
Conducted TI Program briefing requested by Don Pyfer MAT Division Chief at 3:00 PM. He wanted to know what the purpose of our trip and what was to be accomplished.

Conway gave a synopsis of what has happened with the contract to date from the ALC point of view.

I gave my presentation as to what had transpired from HDMSCC point of view and a detailed run down of the effort we are to put forth.

Attendees: Don Pyfer - Division Chief - MAT
Col. Blackwell - Deputy to Division Chief - MAT-L
Vern Jones - Deputy Chief - MAT
Jerry Kaar - Engineering Branch Chief - MATE
John Pike - Section Chief - MATEA
Angelo Perez - Deputy Production - MATP
Juan Barraza - Unit Chief Planning - MATEA/G
Danny Gonzales - Engineer - MATEA/G
Bill Conway - TI Liaison - MANET

Karl Marx - Site Leader - MDMSC
Allen Holden - I.E.
Kamal Attaria I.E.
Pat Chambers I.E.
Bill Morgan I.E.

4. We have been provided a Conference Room to set up as our offices in the sub-assembly area of MATPGB.
A/C allocant work.

A phone installed but doesn't have an outside line. We have to go thru operator or use Class A phone in Danny Gonzales' office.

4/5/89
Ed Bill, Planner, MAATEA came to office and informed us that he was assigned by Mike Beres, Function Chief, MATEA to support MATPSI and MATPSS.

4/5/89 (Continued)
I gave him a brief indoctrination about the TI Program.

First info I requested from Ed Bill was info about skill codes and level.

6. 4/6/89
Problem with Badges for Restricted Area Bldg 375. CPI people and R. Attaria do not have Secret Clearances. It won't be a problem for A Holm and Al Buttry because their Secret Clearances have been forwarded to Kelly AFB Security. Conway and Judy Garcia working on this problem.

Jim Briers, Security Manager x54876.

7. 4/10/89
Get Contractors badge processed.

Have to fill out Form 496 again. Original can't be found. This form is required to get Base Badges.

Form 1199 Badges which permit access to Restricted Area Bldg 375 will not be issued to Morgan, Attaria and Chambers.

8 Requested G017 & G011 reports for MTTR and MTBF from Don Douglas.

9 4/10/89
Triple Brown, Bill Conway and Earl Mary met with Ray Ramgan Section Chief Planning MATEA Bldg 375.

Triple briefed Ramgan on TI Program.

Ray stated he has people vs workload problems.

Ed Himes as candidate for support Taguchi and Simulation and Modeling.

Hon Jandra took Triple on tour of MABPSA, SB, SC & SP.

Triple Brown briefed Ed Vandler Pointer Branch Chief MATEA & solicite his support for I. Program.

10 4/21/89
The lack of a Class A telephone is creating a hardship.

11 6/10/89
General Observation for Bldg 329 material handling and Parts Pool.

- Mechanics chase own parts shortages.
- Mechanics move parts and assemblies
- Carts in tote boxes stacked on one another and in disorder.
- Some areas have racks for tote boxes and other areas don't.
- Some parts and tote boxes setting around and don't appear to have a home.
- Mechanics spend much time inventorying bits to ascertain if they have all parts and to identify part shortages before starting work.
- Parts Pool doesn't appear to be neat and orderly or organized and leads you to doubt the efficiency and accuracy of the work that is being accomplished.
- Without exception, all Mechanics interviewed stated that their biggest problem is part shortages.
- A Carousel material storage system would greatly enhance the Parts Pool operation. More parts could be concentrated in much less floor space and make parts retrieval/kitting less labor intensive. It would also provide a simple "First In - First Out" system if so desired.

Note: Comments have been made by ALC personnel that a Carousell system has been considered for Bldg 329.

- Conditions as described above would require extensive analysis to validate and should be considered for a Focus Study.

PIO K. ATTARIA MATPSS 4/10/89 644

SA-ALC

1- CENTRAL GEAR BOX TESTING (MATPSS)

REJECT AND REWORK COST

The testing area of Central Gear Box (CGB) shows high percentage of rejects during the last 12 months.

Using the testing station Log book I found

total CGB tested	1070
" " held	851
" " rejected	219
percent reject in 12 months	21%

TIME LOST

17.2 hours average time to test a CGB

8.0 " " " " repair a CGB

0.5 " " " " transport a CGB

25.7 hours total time to repair and retest a CGB.

cont P2

1- cont

APPROVED FY 89 MATPSS REC $ RATES

$38.69 basic labor rate/hr

$157.70 direct material/hr.

$196.39 Rec total rate/hr.

TOTAL REWORK COST

219 x 25.7 x 196.39 = $1,10534/years

80% of the rejects due to high Vibration of the fan and Adapter P/N 367614-1, stated by the inspector and mechanic.

TO SOLVE THE PROBLEM

* Need to double the inspection on Vital parts, like fan and Adapter P/N 367614-1.
* Need to calibrate the testing and inspection equipments more often.
* Need to retrain inspectors and mechanics periodicly.

cont 93

PIO

1 - cont * Need to pinpoint the cause of the problem so it can be reduced.

Investigating and reducing this problem should improve the throughput throughout the RCC.

x x x x x x x x x

Kamal Attaria
5/17/89

MATPSS

PARTS POOL

The Central Gear Box and the three Starters assembly areas have been experiencing problems with the kits sent from parts pool.

Parts Pool in building 329 assembles the kits after the disassembled parts are recalled from inspection and cleaning. During the time I spent in the assembly area of the Central Gear Box and Starters I observed, most of the kits are incomplete or miscounted. The assembly mechanic has to make several trips to the Parts Pool area during the assembly of each kit to exchange or expedite parts to complete the assembly. This problem is common in both assembly areas of the Central Gear Box and the conventional Starters which effecting

mechanics at a cost of two hours each mechanic per assembly.

The workers in the Parts Pool area are skill level five and seven compare to nine and ten in the assembly areas. Skill level five and seven have no experience nor familiar in the assembly of the Central Gear Box and Starters. To solve the problem. an experienced assembly mechanic skill level nine or ten should help the workers in the Parts Pool area to make one kit for each assembly.

PIO # 4

Kamal Attarzia
5/17/89

637

11

MATPSS & MATPSI

ATSC 100-97-97A STARTER

An additional operation number 25 should be added to PCN 10718, WCD number TA043T to show the routing of parts from Rcc-MATPSI disassembly and inspection to Rcc MATPSS assembly area for visual inspection by the assembly mechanic.

PIO # 5

638

ATSC 100-87 STARTER

An additional operation number 15 should be added to PCN 10598A, WCD number TA001A to show the routing of parts from Rcc-MATPSI disassembly and inspection to Rcc MATPSS assembly area for visual inspection by the assembly mechanic.

Kamal Attaria
5/17/89

MATPSS

MATERIAL HANDLING

The Central Gear Box and the three Starters are assembled and painted in building 329 and tested in building 340.

During assembly and testing the components are moved back and forth between the buildings several times. Currently the assembly and test mechanics are transporting the components back and forth between the buildings. Total time spent to transport each component between the Various shops is three hours. Transportation of parts or assemblies should be accomplished by the transportation group.

When a part or assembly have to be expedited from other building it should be accomplished by labor grad five, not by labor grad nine and ten.

Kamal Attaria
MATPSS

5/22/89

16

CENTRAL GEAR BOX ASSEMBLY SHOP

THE CENTRAL GEAR BOX ASSEMBLY AREA HAVE TWO VISES MOUNTED ON TWO WORK BENCHES.

EACH MECHANIC NEED TO USE A VISE 20 TO 30 TIMES DURING THE ASSEMBLY OF EACH CENTRAL GEAR BOX.

CURRENTLY THE 18 CENTRAL GEAR BOX ASSEMBLY MECHANICS HAVE TO HAUL THE PARTS AND TOOL ACROSS THE ASSEMBLY SHOP TO USE THE ONLY TWO VISES. DURING THE TIME I SPENT IN THE ASSEMBLY SHOP I OBSERVED TWO AND THREE MECHANICS STANDING IN LINE TRYING TO USE a VISE.

THE SHORTAGE OF VISES IS CAUSING A DELAY OF ONE HOUR PER CENTRAL GEAR BOX ASSEMBLY.

TO AVOID THE DELAY AND TO IMPROVE PRODUCTIVITY FIVE VISES SHOULD BE ADDED TO THE CENTRAL GEAR BOX ASSEMBLY SHOP.

ENGINEERING NOTES 17

5/25/89
MATPSS

K. ATTARIA

CENTRAL GEAR BOX

THE LAST FEW OPERATIONS ON FINAL ASSEMBLY AND TEST WCD'S ARE CALLING FOR THE SAME WORK TO BE PERFORMED ON THE CENTRAL GEAR BOX FOLLOWING THE TEST PROCESS. THE CENTRAL GEAR BOX IS ASSEMBLED AND SENT TO BE TESTED, IT IS RETURNED TO FINAL ASSEMBLY SHOP AFTER TEST FOR FINAL CHECK, REMOVAL OF PARTS, SAFTY WIRE AND TAGS.

OPERATIONS # 116, 121, 126 AND 127 ARE ADDED TO WCD TA14HR CENTRAL GEAR BOX FINAL ASSEMBLY, THESE FOUR OPERATIONS REMOVED FROM WCD TA136R CENTRAL GEAR BOX TEST OPERATIONS 243 AND 290.

OPERATIONS # 243, 245, 247, 248, 250, 260, 270, 280 AND 290 ARE DELETED FROM WCD TA136R CENTRAL GEAR BOX TEST, THESE TIME OPERATIONS ARE COVERED ON THE FINAL ASSEMBLY WCD TA1H4R.

THE REQUIRED CHANGE WAS MENTIONED TO THE AREA PLANNER EDWARD GARZA ph # 925-4323.

ENGINEERING NOTE

6/7/89

MATPSS
K. ATTARIA

TEST CELL #2C

CELL NUMBER 2C IS SETUP TO TEST THE CPS02 MOD CARTRIDGE STARTER IN BUILDING 340.

THE EXHAUST SYSTEM IN THE CELL IS IN NEED OF REPAIR AND IN IMPROPER WORKING CONDITION, THE EXHAUST PIPES ARE HANGING IN DISARRAY OVER THE TEST STAND. THE PIPES ARE CORRODED AND DO NOT HAVE THE SUCTION POWER TO REMOVE THE GUN POWDER SMOKE AFTER THE CARTRIDGE IS FIRED. AS A RESULT OF THIS CONDITION THE ROOM AND EQUIPMENT ARE COVERED WITH RESIDUE FROM THE FIRING OF CARTRIDGE. THE OPERATOR HAS TO WAIT OVER ONE HOUR TO BE ABLE TO ENTER THE TEST CELL TO FINISH THE TEST.

BECAUSE OF THIS PROBLEM THE EXHAUST SYSTEM SHOULD BE OVERHAULED OR REPLACED AS SOON AS POSSIBLE TO ALLOW THE TESTING OPERATION TO BE PERFORMED EFFICIENTLY.

THE INFORMATION AND OBSERVATION OF THE TEST CELL WAS DISCUSSED WITH ADOLFO PENE THE SECOND SHIFT SUPERVSOR.

ENGINEERING NOTE

6/6/89

MATPSS
K. ATTARIA

ADG FINAL ASSEMBLY

THE F16 ACCESSORY DRIVE GEARBOX (ADG) FINAL ASSEMBLY SHOP LOCATED ALONG WITE THE F15 CENTRAL GEARBOX (CGB) IN THE EAST SIDE OF BUILDING 329.

THERE ARE FOUR ASSEMBLY STANDS ARE USED BY THE MECHANICS TO COMPLETE THE ACCESSORY DRIVE GEARBOX ASSEMBLY. TWO OF THE FOUR STANDS ARE TOO HIGH OFF THE FLOOR FOR THE ASSEMBLY MECHANICS TO PERFORM THE ASSEMBLY. CURRENTLY THE MECHANICS ARE USING BOXES AND ~~AND~~ OTHER OBJECTS TO STAND ON SO THEY CAN REACH ON TOP TO COMPLETE THE ASSEMBLY.

TO IMPROVE THE WORKERS PERFORMACE, NEW STANDS SHOULD BE PURCHASED OR REBUILT THE EXISTING STANDS TO MEET THE WORKFORCE ERGONOMICS IN THE ASSEMBLY SHOP.

THIS INFORMATION AND OBSERVATION OF THE ADG ASSEMBLY SHOP WAS DISCUSSED WITH THE ASSEMBLY MECHANICS.

ENGINEERING NOTES

MATPSS

KATTARIA

6-7/89

TEST CELL # 15A

TEST CELL NUMBER 15A IS SETUP TO TEST THE F15 JET FUEL STARTER AND CENTRAL GEARBOX IN BUILDING 340.

THE TEST MECHANIC HAS BEEN EXPERIENCING PROBLEMS WITH THE TEST STAND ENGAGEMENT AND DISENGAGEMENT GEAR MECHANISM FOR THE SLAVE UNIT USED TO ACCOMPLISH THE TEST. SEVERAL REQUESTS WERE MADE BY THE TESTERS TO OBTAIN PARTS TO REPAIR THE GEAR MECHANISM. THE EQUIPMENTS IN THE TEST CELL ARE OLD AND OBSOLETE WHICH MAKES IT HARD AND TIME CONSUMING TO OBTAIN REPLACEMENT PARTS.

MAINTENANCE SHOULD BE TASKED TO FABRICATE THE REPLACEMENT PARTS FOR THE EQUIPMENTS BEFORE BREAKDOWN. PERIODIC OVERHAULS OF THE EQUIPMENTS IN THE CELL SHOULD BE PERFORMED.

THE INFORMATION AND OBSERVATIONS OF THE TEST EQUIPMENTS MENTIONED ABOVE WERE DISCUSSED WITH ADOLFO PENE THE SECOND SHIFT SUPERVISOR.

c)

VA-18MAY89

FOCUS STUDY

~~QUICK FIX~~

#4

COMMAND WIDE T.O. #1: PROCESS CHARACTERIZATION

QUICK FIX PLAN OUTLINE

BOB BUTRY – QUALITY & SAFETY

SITE REVIEW, DURING JAN 89

QUICK FIX OPPORTUNITY TO ELIMINATE UNAUTHORIZED AND UNCONTROLLED COPIES OF TECHNICAL ORDERS ON THE PRODUCTION FLOOR.

1. CURRENT OPERATION: MECHANICS WORK TO THE REQUIREMENTS OF THE TECH ORDERS AS REFERENCED PER THE INSTRUCTIONS IN THE WCDs. THE TECH ORDERS BEING USED BY THE MECHANICS ARE USUALLY UNAUTHORIZED AND UNCONTROLLED COPIES THAT THEY KEEP HANDY AT THEIR WORK STATIONS. THESE COPIES MAY ALSO BE OUT-OF-DATE. THE MECHANICS MAKE NEW, UNAUTHORIZED TECH ORDERS FROM WHICH TO WORK WHEN "WORD OF MOUTH" INFORMATION INFORMS THEM THAT A TECH ORDER REVISION HAS BEEN ISSUED.

SA-037

2. OVERALL ASSESSMENT OF CURRENT OPERATION:

UNDER THE PRESENT PRODUCTION METHOD, SHOP MECHANICS MAY BE REFURBISHING/REPAIRING ELECTROMECHANICAL PARTS TO OUTDATED TECH ORDERS.

3. RATIONALE LEADING TO CHANGE:
PARTS SHOULD BE REFURBISHED TO THE INTENDED (MOST RECENT) CONFIGURATION. FAILURE FOR THIS TO OCCUR WILL RESULT IN A DEFICIENCY IN THE MODERNIZING AND UPDATING OF FLIGHT READY EQUIPMENT AS IT ROTATES THROUGH THE ALC. THE SAFETY, RELIABILITY, AND READINESS OF REFURBISHED FLIGHT HARDWARE MAY BECOME COMPROMISED AS A RESULT OF CONDONING REFURBISHMENT/REPAIR PROCEDURES TO OUTDATED TECH ORDERS.

4. DESCRIPTION OF NEW PROCESS:
REPLACE ALL TECHNICAL ORDER MANUALS WITH COMPUTER GENERATED, ELECTRONICALLY UPDATED, CRT-AVAILABLE TECH ORDERS. LOCATE CRTS THROUGHOUT THE RCCS AT THE ALCS SO THAT OPERATOR ACCESSIBILITY TO THE CRT IS CONVENIENT. TRAIN THE OPERATORS HOW TO CALL-UP ANY DESIRED TECH ORDER IN ORDER TO FOLLOW THE MOST CURRENT PROCEDURES, AND KEEP PROCEDURES CURRENT AS THEY BECOME REVISED/APPROVED.

5. BENEFITS/TRADEOFFS (REF. PARA. 11):
BESIDES REPAIRING A PART TO THE RIGHT CONFIGURATION, TECH ORDER MANUALS WILL NOT REQUIRE PERIODIC UPDATING SINCE AN ELECTRONIC (PAPERLESS) MANUAL WILL BE AUTOMATICALLY UPDATED INSTANTLY THROUGHOUT ALL RCCS AS SOON AS THE AMENDMENT OR NEW RELEASE IS APPROVED. THE PERSONNEL NOW DESIGNATED TO UPDATE THE MANUALS COULD BE PRODUCTIVELY USED

TO FULFILL OTHER ALC FUNCTIONS AT A SIGNIFICANT COST SAVINGS.

6. IMPLEMENTATION COST/IMPACT (REF. PARA. 11):

A. THE AFLC WOULD HAVE TO INCUR THE COST OF THE SOFTWARE TO CONTAIN THE TECHNICAL ORDERS WITH SUBSEQUENT UPDATING CAPABILITIES.

B. DATA PROCESSING PERSONNEL WILL BE REQUIRED TO ENTER AND SUBSEQUENTLY UPDATE THIS INFORMATION.

C. ENOUGH CRTS WILL NEED TO BE PURCHASED AND LOCATED FOR OPERATOR AVAILABILITY THROUGHOUT THE ALC.

D. NO SCHEDULE IMPACT SHOULD OCCUR IF THE CURRENT TECH ORDER MANUALS ARE MAINTAINED AS USUAL UNTIL THE ELECTRONIC MANUAL INFORMATION IS WELL INTO ON-LINE CAPABILITY, AND ALL ALC PERSONNEL ARE TRAINED IN USING THE CRTS FOR TECH ORDER RETREVAL.

7. SAFETY: (NOT APPLICABLE)

8. ENVIRONMENTAL: (NOT APPLICABLE)

9. RELIABILITY/MAINTAINIBILITY:
THE ELECTRONIC TECH ORDER MANUAL WILL BE TOTALLY RELIABLE AND CAN BE EASILY MAINTAINED.

—

10. HUMAN FACTORS DESIGN CRITERIA:
THIS EFFORT IS DIRECTED TOWARD INSTILLING CONFIDENCE IN THE MECHANICS THAT THE PROCEDURES TO WHICH THEY MUST OPERATE ARE READILY ACCESSIBLE AND CURRENT. NO DOUBT SHOULD EXIST IN THEIR MINDS WHETHER OR NOT THEY ARE PERFORMING THEIR TASKS TO THE CORRECT INSTRUCTIONS.

A/ 11. COST IMPROVEMENT DATA:

PRESENT CONDITION COST

- REWORK AND SCRAP COSTS ASSOCIATED WITH MECHANICS REPAIRING PARTS TO UNAUTHORIZED/UNCONTROLLED COPIES OF TECHNICAL ORDERS FOR THE LAST 12 MONTHS = _____.

- COST TO PRINT, DISTRIBUTE, AND INCORPORATE ALL CHANGES TO THE TECHNICAL ORDERS OVER THE LAST 12 MONTHS = _____.

PROPOSED IMPLEMENTATION COST

- COST INVOLVED TO INSTALL CRTs ON THE PRODUCTION FLOOR SO THAT ALL MECHANICS WILL HAVE CONVENIENT ACCESS TO ONE = _____.

- THE SPECIAL DATA PROCESSING COSTS REQUIRED TO INITIATE/IMPLEMENT THIS SYSTEM = _____.

ANNUAL COST SAVINGS (FIRST YEAR):

[PRESENT CONDITION COST] - [PROPOSED IMPLEMENTATION COST] = _____.

Ref: TECHNOLOGY INSERTION ENGINEERING SERVICES PROGRAM 28 Jun 1989

FOCUS STUDY CONTROL NO. SA-037

Unauthorized, outdated, and uncontrolled copies of technical orders is a problem that can be easily solved.

There are three avenues for creating a change to a T.O.: (a) AFTO Form 22 requesting a change, (b) one generated by an AFLC Form 103, Nonconforming Technical Assistance Request and Reply, (c) Self generated AFLC Form 252 by the Equipment Specialist (ES).

Under (a), the AFTO 22 is evaluated by the ES and if the requested change is approved an AFLC 252 is submitted. The formal change to the T.O. is sent to all the 'satellites' in Maintenance that are on distribution for that particular T.O. in the quantities specified.

Under (c), the AFLC 252 is generated by the ES and forwarded for printing and distribution. Usually the changes are minor in nature and not critical. The T.O. editor will turn in accumulated AFLC 252's (routine) and have them printed and distributed. Again, the satellites in Maintenance will receive the changes based on the number of T.O.'s credited to their account.

Under (b), the AFLC Form 103 is received by the ES. It is either approved or disapproved. If approved, the ES has 2 options. He may authorize the deviation from the T.O. for a specified length of time not to exceed 120 days or initiate a Special Handling AFLC 252. The copy of the approved AFLC 103 and/or SH AFLC 252 is returned to MATEG personnel. The approved AFLC 252 copies are distributed by MAATA to the different satellites for posting in their respective T.O.'s.

From the description of the T.O. changes procedures stated above, there is no reason for unauthorized or outdated T.O.'s. The new work package concept breaks out the T.O. into 12 different sections (assembly, disassembly, inspection, repair, etc.). This allows the different work stations the opportunity to order one complete set (12 work pkgs) for their T.O. file and as many of the specific work packages required in their area. This can be done even to the point of one T.O. per mechanic. In the past, all changes to the T.O. had to be filed regardless of what section of the T.O. was changed. Supervisors tended to have as few T.O.'s as possible to preclude having to post all the changes generated. Now, the supervisor receives only those changes pertaining to the books in his area plus only one set of changes to the other set of books. The SH AFLC 252's are controlled by a project number and copies are provided to the different satellites by MAATA according to the number of work packages in that area. The AFLC 103's and SH 252's are then easily posted. These forms are removed and discarded when the formal changes are received covering the information requested.

POC: Gilbert Maldonado/SA-ALC-MMPETB/(512) 925-6001

WR)

REV. A - 18 MAY 89
REV. B - 24 MAY 89

COMMAND WIDE T.O. # 1: PROCESS CHARACTERIZATION

QUICK FIX PLAN OUTLINE

COMMAND WIDE QUICK FIX #1

BOB BUTRY - QUALITY & SAFETY

SITE REVIEW DURING JAN 89

FOCUS STUDY ~~QUICK FIX~~ OPPORTUNITY TO ELIMINATE THE COSTS DUE TO SCRAPPING OR REPAIRING OUT-OF-

3/ WARRANTY NEW PARTS.

SA029

1. CURRENT OPERATION: SUPPLY RECEIVES AND STORES NEW SUPPLIER PARTS FOR SUBSEQUENT DISTRIBUTION FOR SHOP ALC USAGE. NO STOCK ROTATION METHOD IS USED TO ASSURE A "FIRST IN - FIRST OUT" DISTRIBUTION FOR THESE PARTS.

2. OVERALL ASSESSMENT OF CURRENT OPERATION:

SUPPLY ISSUES PARTS TO THE SHOP ALCS THAT MAY HAVE BEEN IN STORAGE FOR MANY YEARS. THIS PRACTICE USUALLY VOIDS TH

8/ WARRANTY ON PARTS HELD IN STORAGE THIS LONG, RESULTING IN THE ALCS HAVING TO SCRAP DEFECTIVE PARTS OR TO SCREEN AND REPAIR THEM AT THEIR OWN EXPENSE.

3. RATIONALE FOR CHANGE: (A) THE SUPPLIER OF DISCREPANT PARTS WILL BE REQUIRED TO REPLACE OR REPAIR DEFECTIVE PARTS, AT NO COST TO THE ALCs, IF THE PARTS ARE STILL UNDER WARRANTY.

B/ (B) THE DISCOVERY OF SOME DISCREPANT PARTS WITHIN A

B/ CONTRACT LOT, BEFORE THE WARRANTY HAS EXPIRED, WILL USUALLY ALLOW THE RETURN OF THAT ENTIRE LOT TO THE SUPPLIER FOR PART SCREENING AND SUBSEQUENT REPLACEMENT OR REPAIR AT THE SUPPLIER'S EXPENSE.

4. DESCRIPTION OF NEW PROCESS: SUPPLY SHOULD DATE STAMP EVERY PACKAGE AS IT IS RECEIVED. THESE PARTS SHOULD THEN BE STORED IN SUCH A WAY THAT THE OLDEST DATE-STAMPED PACKAGE IS ISSUED FIRST.

A) PRODUCTIVITY IMPROVEMENTS
- LESS DOWNTIME DUE TO REMOVAL OF DISCREPANT LOTS FROM SUPPLY, IN A TIMELY MANNER, FOR SUPPLIER SCREENING, REPAIR, AND REPLACEMENT.

B) QUALITY IMPROVEMENTS
- SUPPLIER CORRECTIVE ACTION BECOMES MORE TIMELY, RESPONSIVE, & EFFECTIVE.
- UNRELIABLE SUPPLIERS ARE IDENTIFIED AND ELIMINATED BEFORE

B/ OUT-OF-WARRANTY LOTS HAVE TO BE SCRAPPED OR REPAIRED AT THE EXPENSE OF THE ALC.

C) RESOURCE UTILIZATION
- FEWER PARTS HAVE TO BE SCRAPPED.

5. BENEFITS/TRADEOFFS (REF. PARA. 11):

A) THERE WILL BE A SIGNIFICANT COST SAVINGS BENEFIT IN RECEIVING FULL CREDIT FOR DEFECTIVE PARTS STILL UNDER WARRANTY.

B/

B) MORE TIMELY CONTROL OVER SUPPLIER PROBLEMS WILL REDUCE REPETATIVE PROBLEMS QUICKLY AND SIGNIFICANTLY.

6. IMPLEMENTATION COST/SCHEDULE (REF. PARA. 11)

A) DATE STAMPS WILL HAVE TO BE PURCHASED AND USED.

B) SUPPLY'S STOCK WILL HAVE TO BE REVIEWED, WHE ISSUED, TO RELEASE THE OLDEST PARTS FIRST.

C) THERE WILL BE NO SCHEDULE IMPACT.

7. SAFETY IMPROVEMENTS: (NONE)

8. ENVIRONMENTAL HAZARDS/IMPROVEMENTS: (NO

9. RELIABILITY/MAINTAINABILITY CHARACTERISTICS:

A) PARTS FROM SUPPLY WILL BECOME MORE RELIABLE DUE TO QUICKER SUPPLIER CORRECTIVE ACTION RESPONSES FOR NEW PART DISCREPANCIES.

10. HUMAN FACTORS DESIGN CRITERIA:

A) HIGHER SHOP MORALE AS PARTS FROM SUPPL BECOME MORE RELIABLE AT INSTALLATI

B) LESS FRUSTRATION BY ELIMINATIVE REPETATIVE PARTS PROBLEMS FROM SUPPLY.

~~R~~ A/ 11. COST IMPROVEMENT DATA:

PRESENT CONDITION COST

- COST OF ALL NEW PURCHASED PARTS THAT WERE SCRAPPED OVER THE LAST 12 MONTHS AT THE EXPENSE OF THE A/C DUE TO EXPIRED
B/ WARRANTIES = _____.

- COST OF REPAIRING ALL NEW PARTS PURCHASED OVER THE LAST 12 MONTHS AT THE EXPENSE OF THE A/C DUE TO
B/ EXPIRED WARRANTIES = _____.

PROPOSED IMPLEMENTATION COST

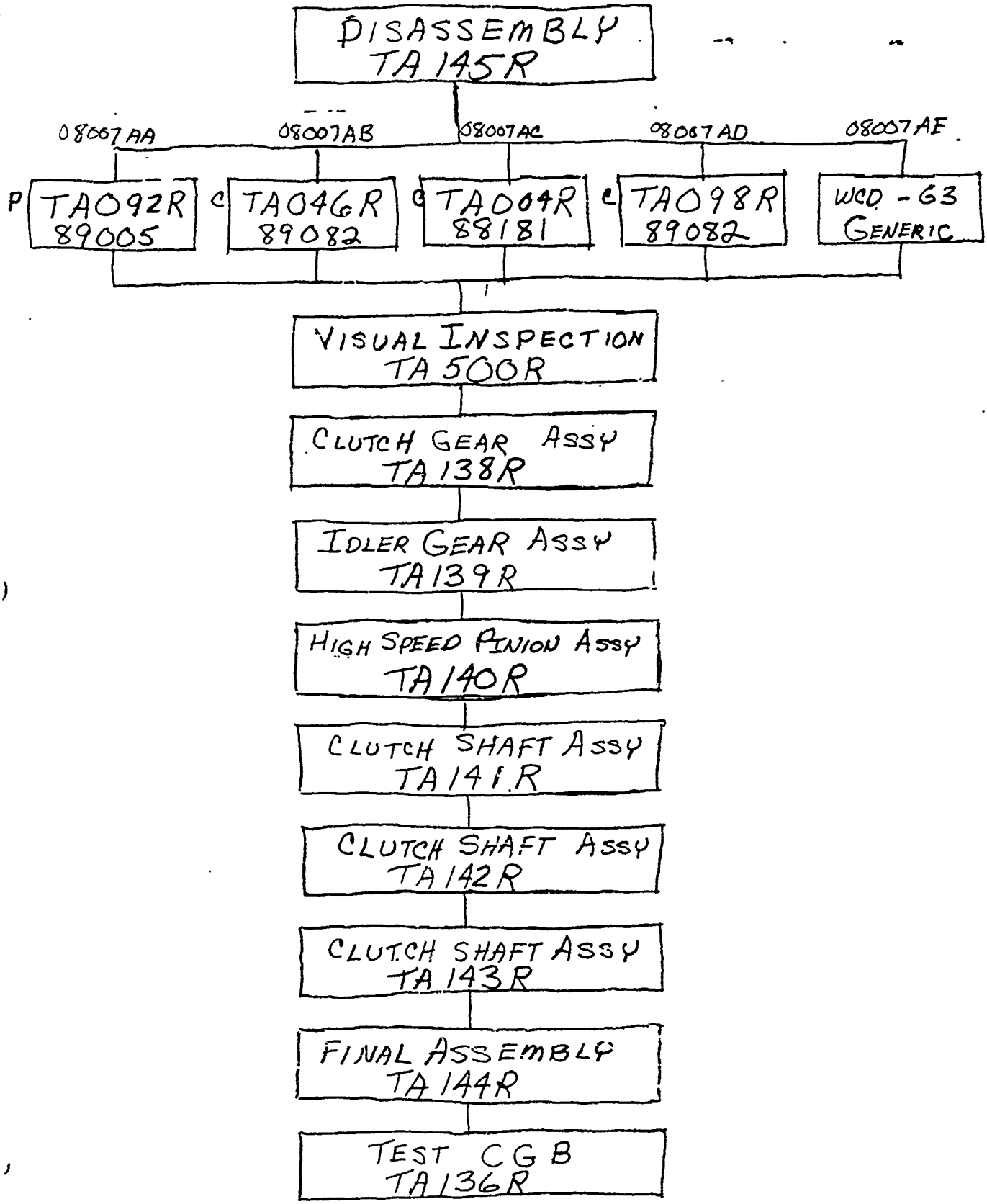
- LABOR COSTS INVOLVED TO DATE STAMP THE NEW PURCHASED PARTS AND ROTATE THE OLDEST STOCK STOCK FORWARD DURING THE STORAGE OF NEW PARTS = _____.

ANNUAL COST SAVINGS (FIRST YEAR):

[PRESENT CONDITION COST] - [PROPOSED IMPLEMENTATION COST] = _____.

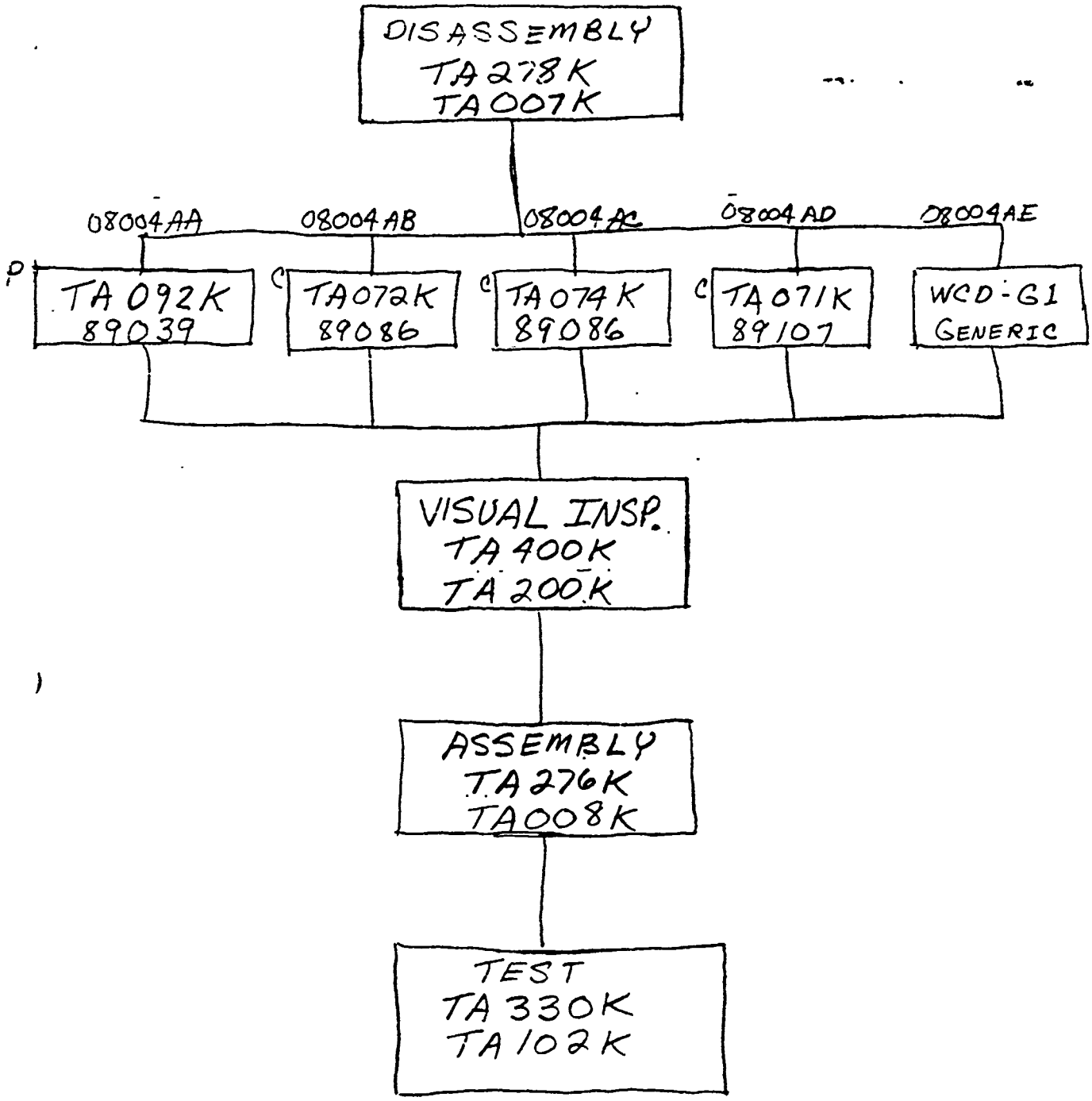
SA ALC WCD FLOW CHART 5-10-89

PCN 08007A F15 CGB
CENTRAL GEAR BOX



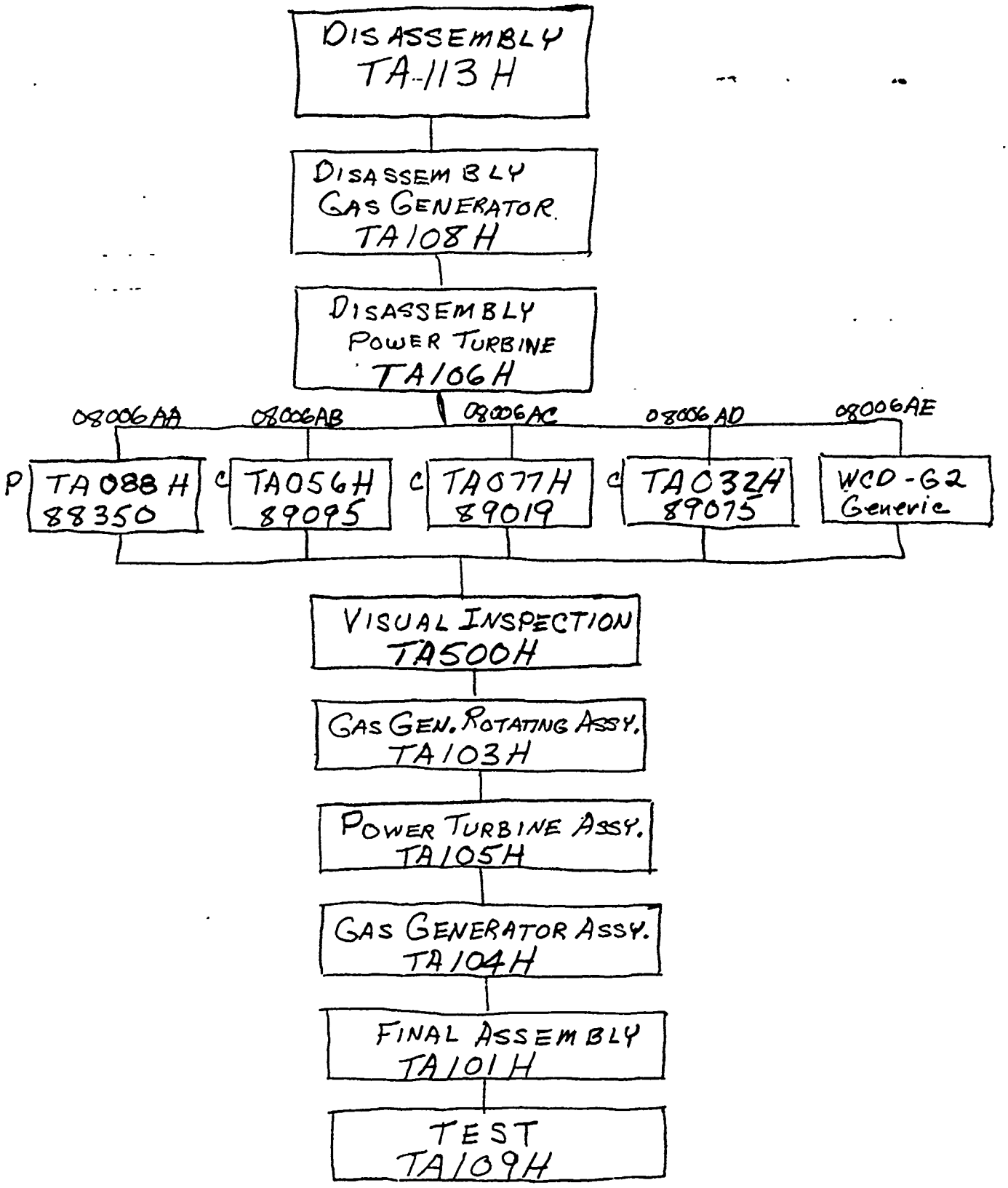
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PCN 08005 A — R.H. AMAD
08004 A — L.H. AMAD



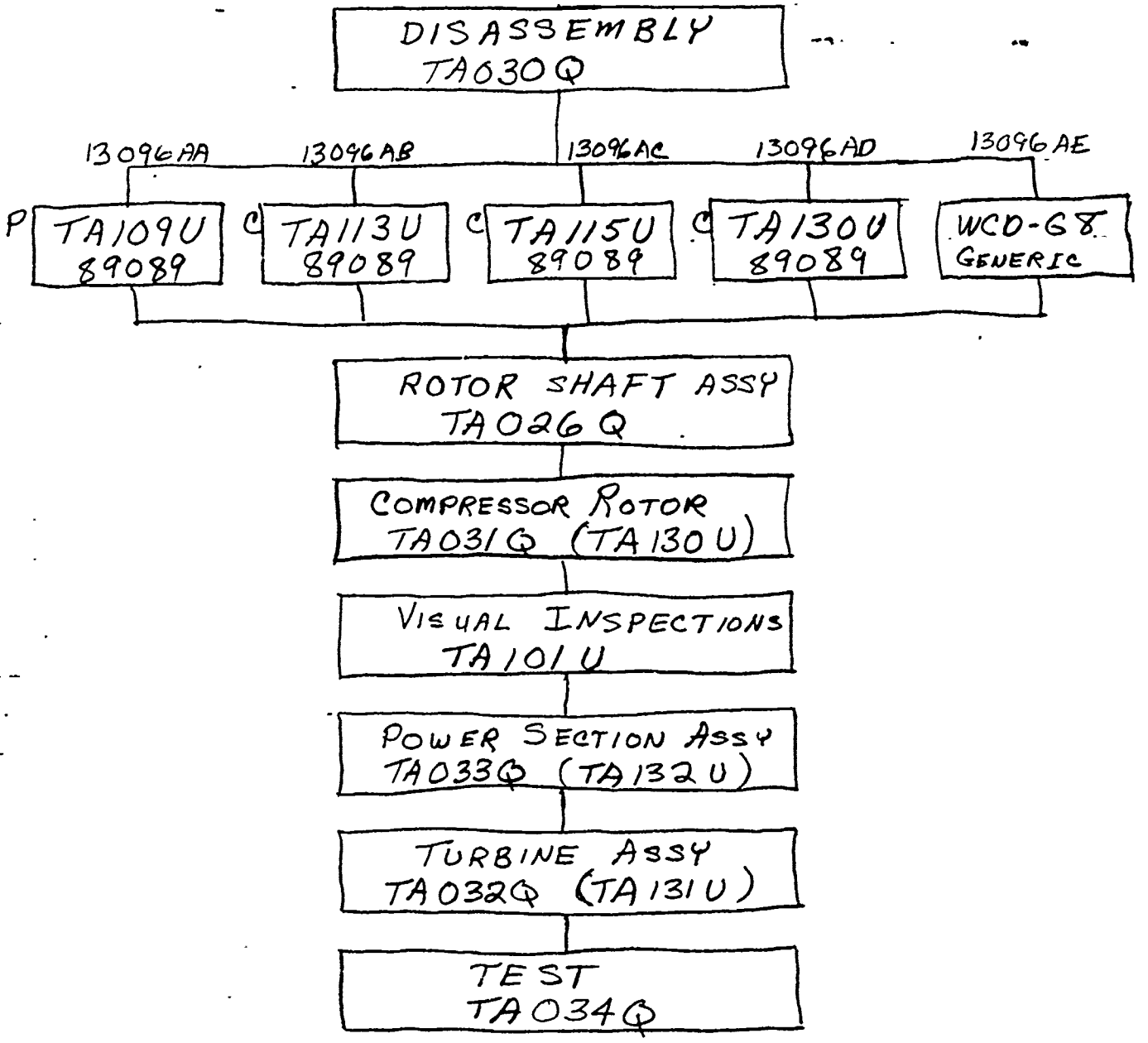
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PCN 08006A F15 JFS



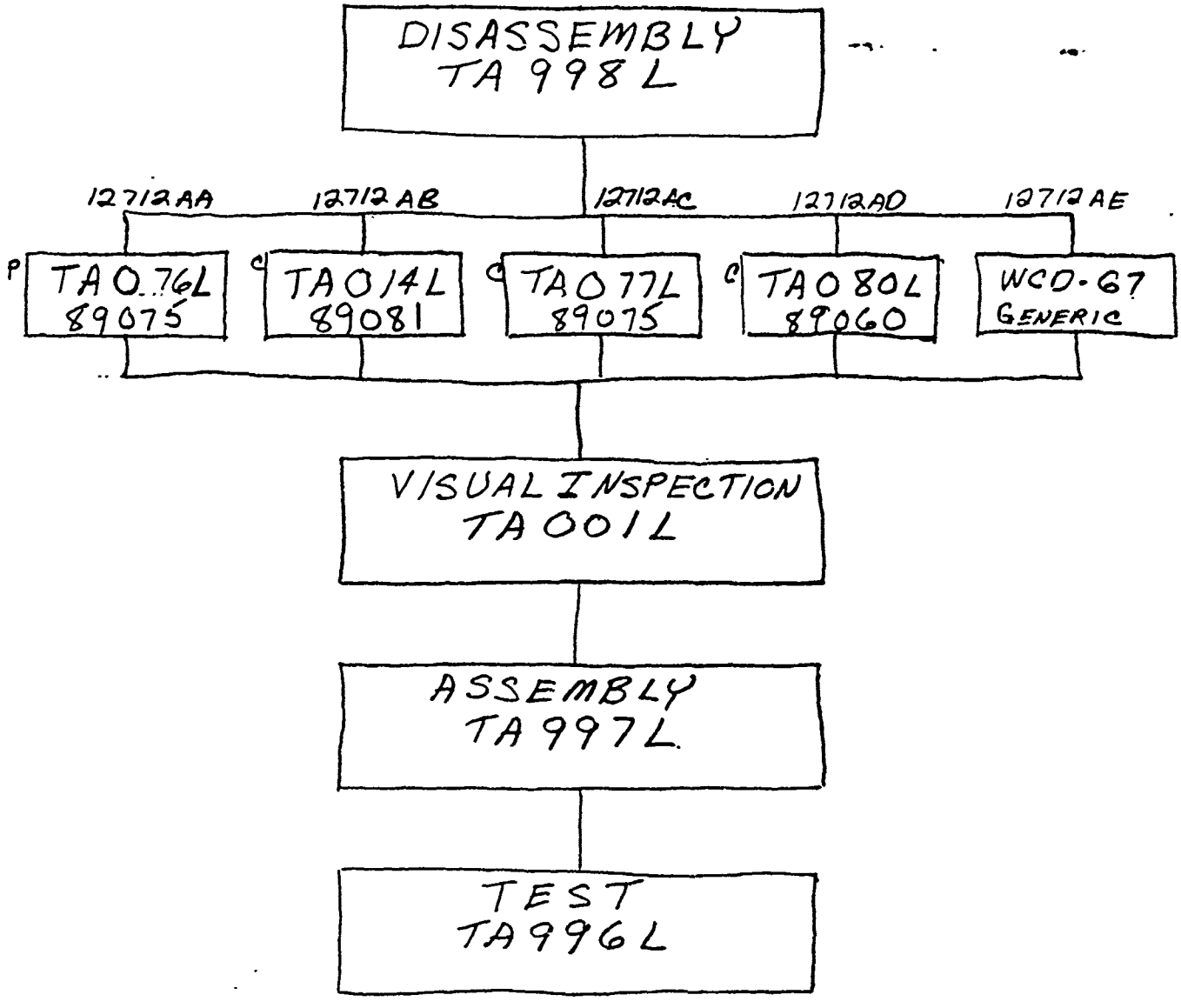
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PCN 13096A FIG JFS

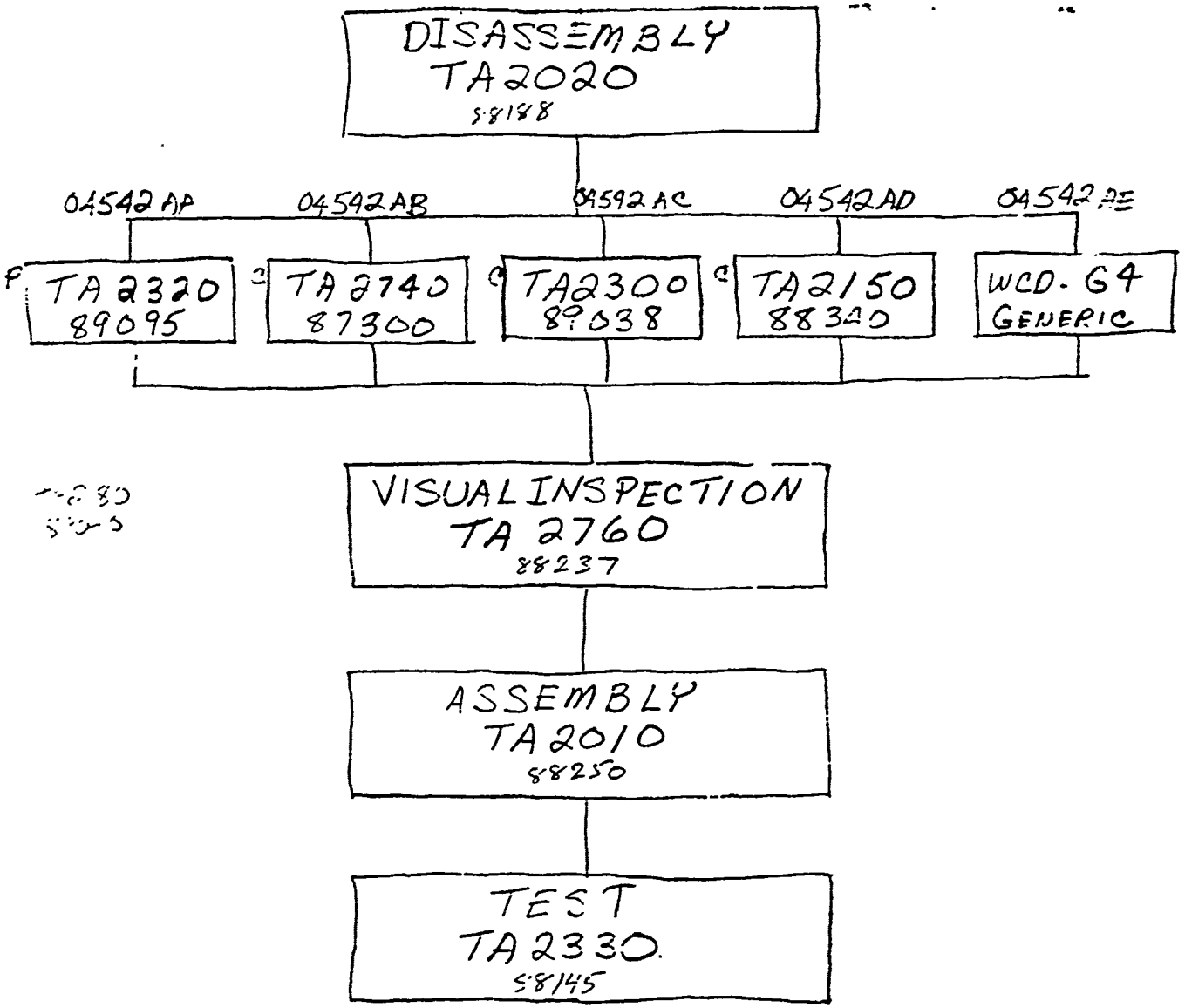


5-16-89

PCN 12712A F/6 ADG

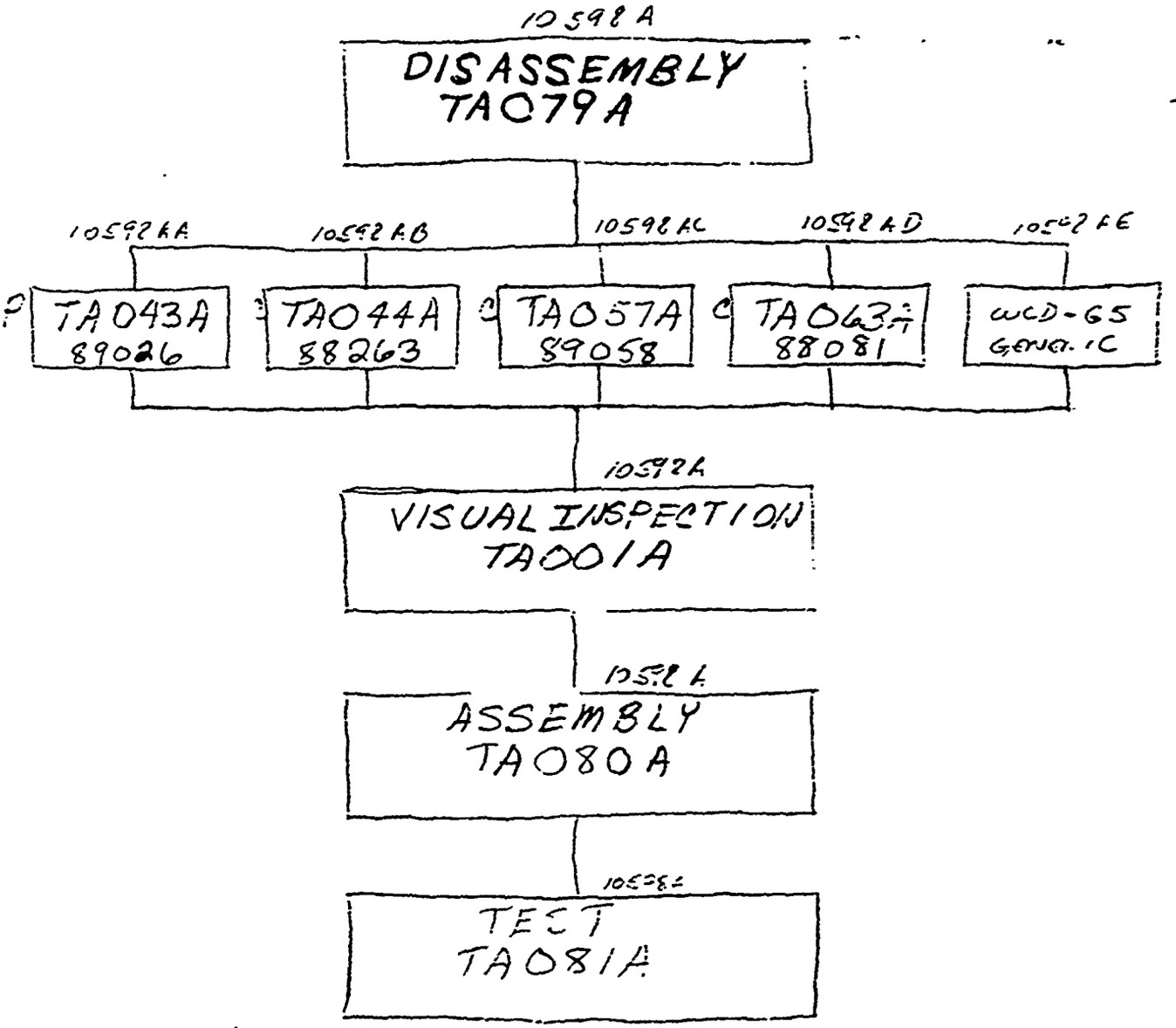


PCN 04542A CPSO2MOD STARTER



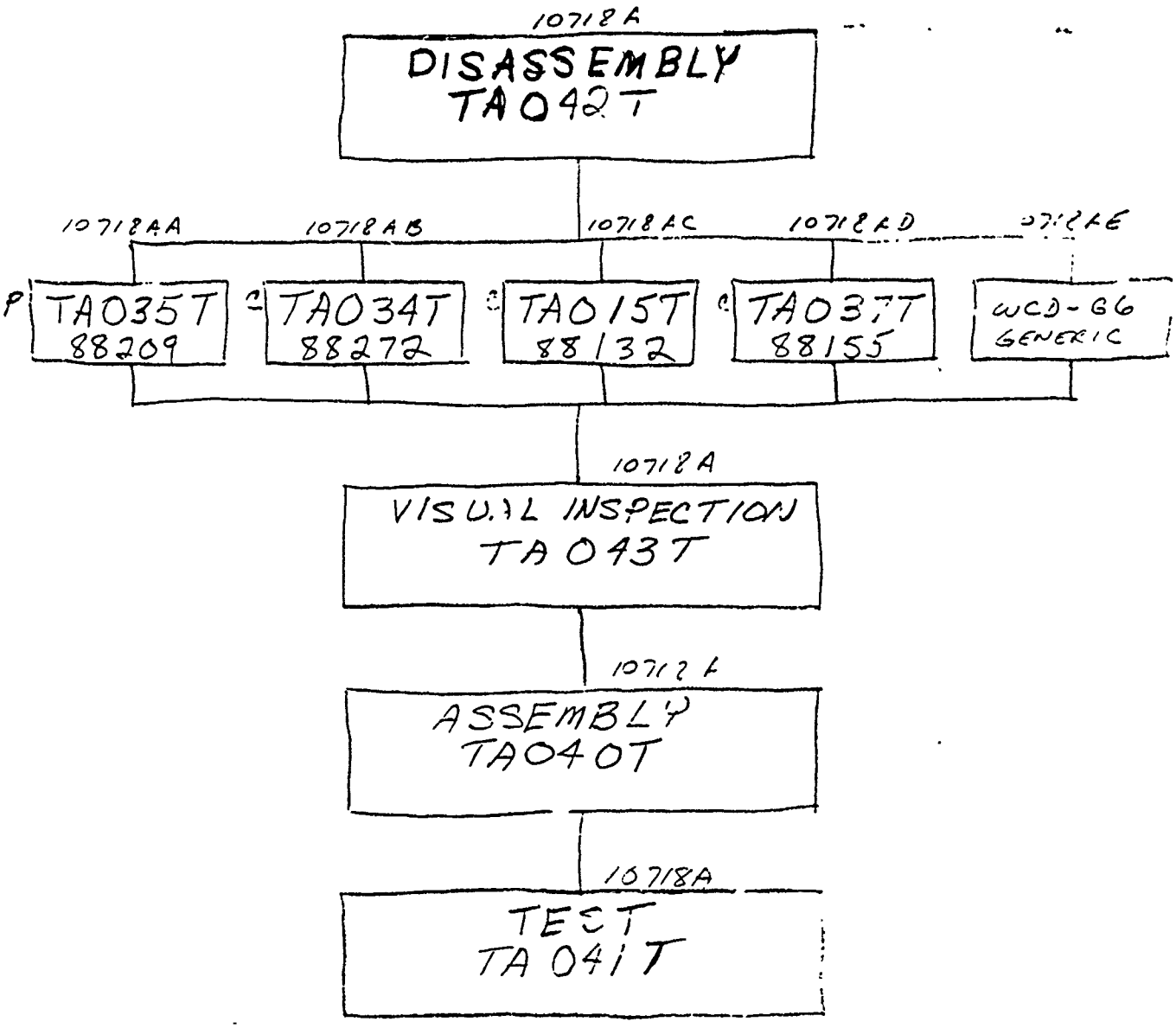
SA ALC WCD FLOW CHART 5-16-87

PCN 10598A ATSC 100-87 STARTER



SA ALC WCD FLOW CHART 5-16-89

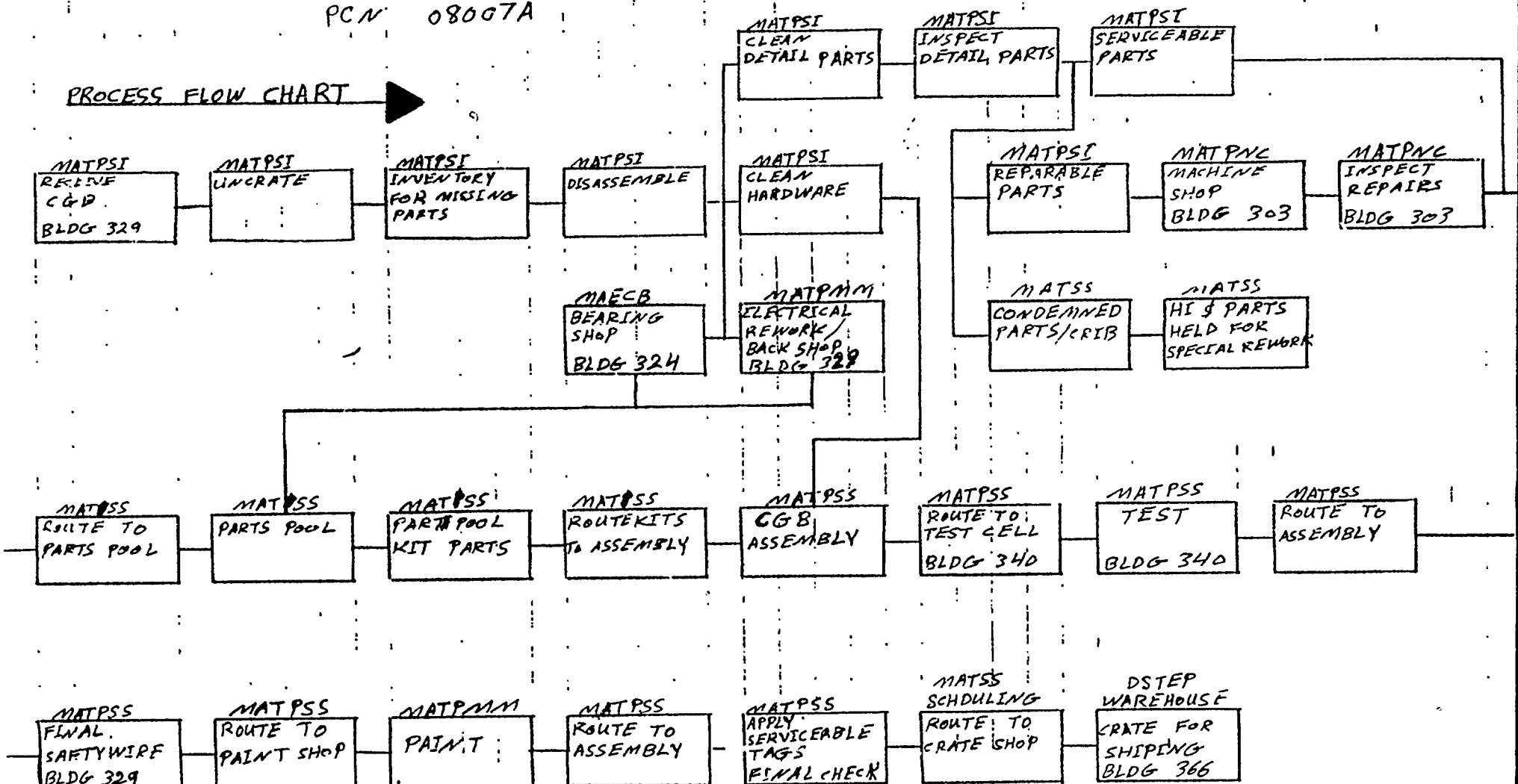
PCN 10718A ATSC 100-97 ÷ 97A STARTER



CENTRAL GEAR BOX (CGB)
ASSEMBLY AND DISASSEBLY
PCN 08007A

RCC MATPSS AND MATPSI
BUILDING 329

PROCESS FLOW CHART



EDWARD GARZA (ALC)

KAMAL ATTARIA (ADPSC)

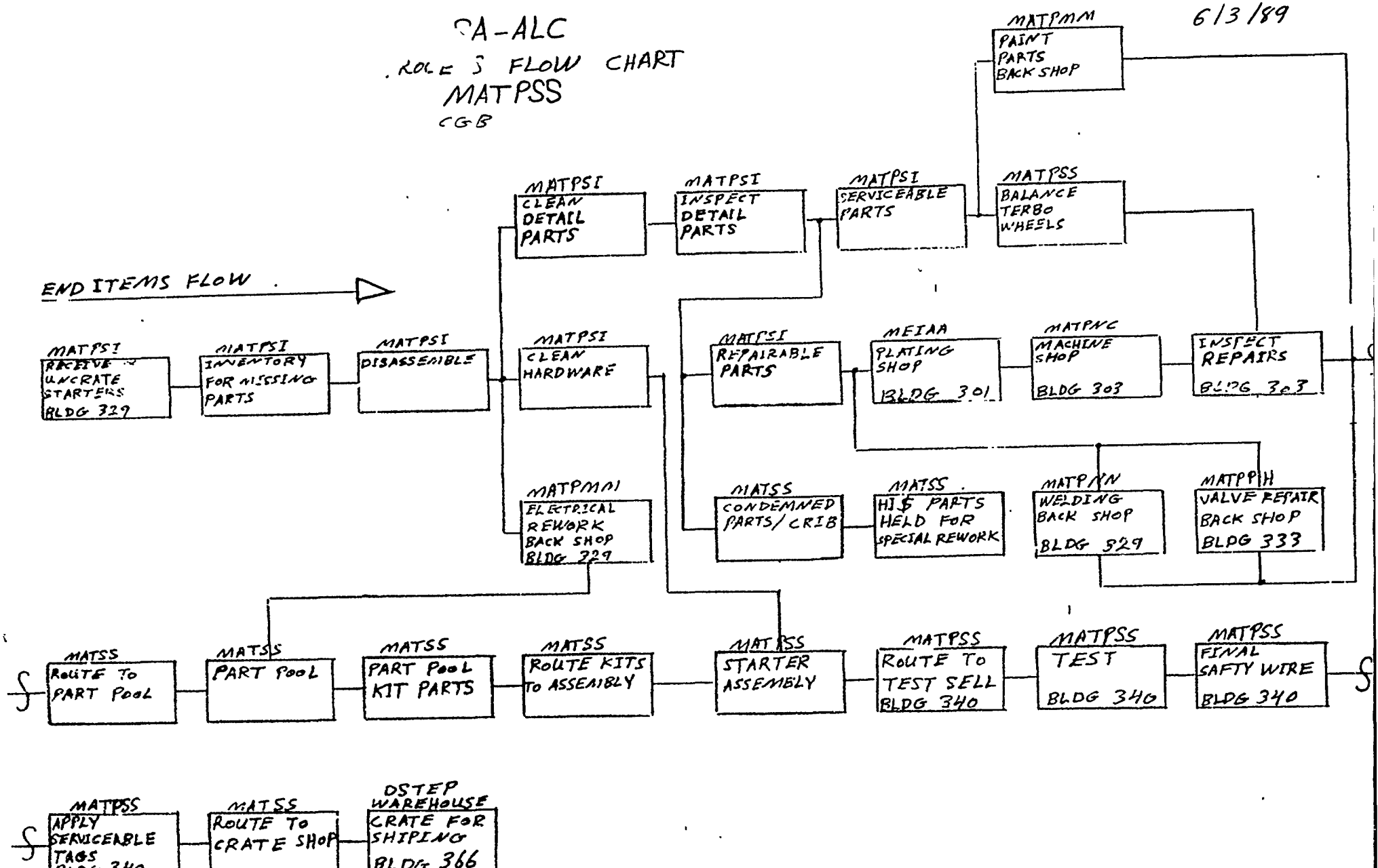
SA-ALC

ROLE'S FLOW CHART

MATPSS

CGB

6/3/89



EDWARD GARZA (SA-ALC)
925-4323

KAMAL ATTARIA (MDMSC)

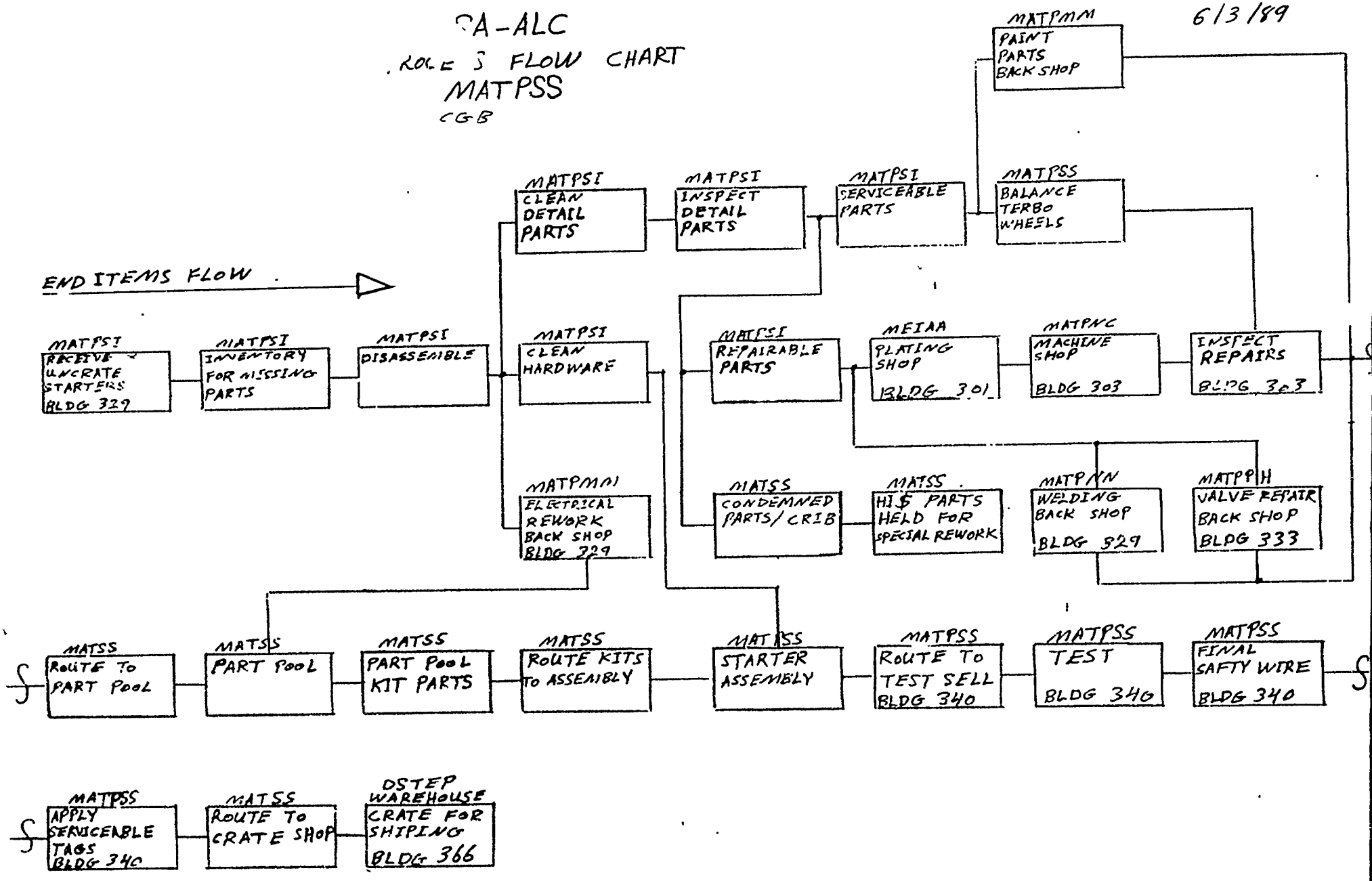
SA-ALC

ROLE'S FLOW CHART

MATPSS

CGB

6/3/89



EDWARD GARZA (SA-ALC)
925-4323

KAMAL ATTARIA (MDMSC)