

**END-ITEM DATA PACKAGE – LAT-DS-01643; Serial Number: GT117 GLAT1844**

*Fill in blanks ( ) with required information and check block ( ) when complete...*

ξ (a) Certificate of Compliance for each TEM/TPS LAT-DS-01643 assembly

ξ (b) Copy of travelers for each comprising a TEM/TPS unit:

Top Level: TEM/TPS LAT-DS-01643 WO# 113236 : S/N (above SN)

TPS Unit: LAT-DS-01482 WO# 113218 : S/N GT118 GLAT1826

TPS CCA: LAT-DS-02388 WO# 112071 : S/N GT118 GLAT1788

TPS O/P Cable: LAT-DS-02831-01 WO# 112044 : S/N N/A

TPS I/P Cable: LAT-DS-02830-01 WO# 112043 : S/N N/A

TEM Unit: LAT-DS-01481 WO# 113110 : S/N GT109 GLAT1798

TEM CCA: LAT-DS-01646 WO# 112009 : S/N GT109 GLAT1760

TEM I/P Cable: LAT-DS-02588 WO# 112026 : S/N N/A

ξ (c) Non-Conformance Reports (Indicate NCR # and applicable assy / part no.)

( LAT-DS-02388 / 2305, 2323, 2294 )

ξ (d.1) AS-BUILT Drawing and Parts List Configuration Record

LAT-DS-01643; Rev No. (Dwg/PL - 53 )

LAT-DS-01481; Rev No. (Dwg/PL - 54 )

LAT-DS-01482; Rev No. (Dwg/PL - 55 )

LAT-DS-01646; Rev No. (Drawing - 57 )

LAT-TD-02230; Rev No. (PL - 54 )

LAT-DS-02388; Rev No. (Drawing - 58 )

LAT-TD-02391; Rev No. (PL - 56 )

LAT-DS-02830; Rev No. (Dwg/PL - 53 )

LAT-DS-02831; Rev No. (Dwg/PL - 52 )

LAT-DS-02588; Rev No. (Dwg/PL - 51 )

END-ITEM DATA PACKAGE – LAT-DS-01643; Serial Number: 6T177 6LAT1844

ξ (d.2) AS-BUILT Parts List (Work Order / Part-Lot number report) {✓}

Top Level: TEM/TPS LAT-DS-01643 {✓}

TPS Unit: LAT-DS-01482 {✓}

TPS CCA: LAT-DS-02388 {✓}

TPS O/P Cable: LAT-DS-02831-01 {✓}

TPS I/P Cable: LAT-DS-02830-01 {✓}

TEM Unit: LAT-DS-01481 {✓}

TEM CCA: LAT-DS-01646 {✓}

TEM I/P Cable: LAT-DS-02588 {✓}

ξ (e.1) SPEA Test Reports (TR generated only when defect noted – indicate TR #) { }

TR# vs. TEM CCA LAT-DS-01646: \_\_\_\_\_

TR# vs. TPS CCA LAT-DS-02388: \_\_\_\_\_

ξ (g) In-process Inspection Reports (Indicate report # and applicable assy number) {✓}

( LAT-DS-02388/29664, 31565 LAT-DS-01646/29342, 30430, 32145 )

(h) Connector Mate/Demate logs (primarily SLAC - check for GTC logs) { }

ξ (i) Digital photos on CD ROM (final views, seven total, 2 Meg min.res.) {✓}

TEM CCA LAT-DS-01646 Bottom Side {✓} Top Side {✓}

TPS CCA LAT-DS-02388 Bottom Side { } Top Side {✓}

¼ view of TEM LAT-DS-01481 {✓} ¼ view of TPS Unit LAT-DS-01482 {✓}

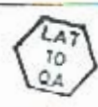
¾ view of TEM/TPS Unit LAT-DS-01643 {✓}

Completed by: Cecilia Mustang

Date: 6-28-05

GTC QA Acceptance:  \_\_\_\_\_

Date: 6-28-05

SLAC QAR Acceptance:  \_\_\_\_\_

Date: 7.8.05

GENERAL TECHNOLOGY CORP.  
450 MISSION AVENUE NE  
ALBUQUERQUE NM 87107  
SO# 61666

SHIPPER  
SHIPPER NUMBER F17301.13  
SALES ORDER NUMBER F17301  
SHIP DATE 06/28/05  
PAGE 1

S 15356  
O SLAC  
L ACCOUNTS PAYABLE  
D 2575 SAND HILL RD M/S85  
MENLO PARK, CA 94025  
T  
O

B 15356  
I SLAC  
L ACCOUNTS PAYABLE  
L 2575 SAND HILL RD M/S85  
MENLO PARK, CA 94025  
T  
O

-----  
FOB: DEST TERMS: NET 30 DAYS FRT: PREPAID AND ADD

-----  
CUSTOMERS PO: 0000053627 RESALE NO:

-----  
LI# ORDER/QTY UM PART/DESCRIPTION UNITS/PKG SHIP QTY LOT NO  
-----

Special Inspection is required.

LI#	ORDER/	QTY	UM	PART/DESCRIPTION	UNITS/PKG	SHIP	QTY	LOT NO
1.1	12	EA		LAT-DS-01643 ASSY, UNIT-TEM/TPS S/N: GT117 GLAT1844. QTY DUE...: 5	52	1.00	1	131639

SHIP VIA: UPSR  
WAYBILL#:

-----  
Certificate of Conformance

General Technology Corporation hereby certifies that all items in this shipment have been produced, inspected, and found to be in compliance with all applicable customer/military specifications and standards, drawings, and purchase order requirements. All documents utilized were to the latest revision in effect on the date of this order, and/or as specified by the buyer. Substantiating records are on file subject to review upon request.

*L. J. Smith (SIC) 6/28/05*

SHIP TO: SLAC  
2575 SAND HILL ROAD  
MENLO PARK, CA 94025

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NIM

PAGE 1

ASSY. P/N: LAT-DS-01643  
ASSY. UNIT: TEM/TPS

WO# 113236  
DATE: 05-06-05  
DATE: 01-04-06-05  
P/N: 0000153227

CUST. P# 1  
REV 1  
PROJECT# P17301  
CUST# 15322

SERIAL NUMBER -----  
GT17 GLAT1844

APPROVAL:-----  
PRD: 5-3-05  
5-3-05

MEMBERSHIP -----  
IPC/ETA-J-STD-001C CLASS 3; WITH \*CS\* SPACE SUPPLEMENT  
SLAC QAR MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE  
OF ANY STEP OF THE TRAVELER/WORK ORDER. SLAC QAR MAY  
INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP.

910 02 02 05 -----

LINE DEPT MACH# OP# DESCRIPTION..... SET-UP RUN... HOURS LINE-PACK ST-LOT



1 000 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000

\*\*\*\*\* CONFIGURATION DOCUMENTS \*\*\*\*\*  
DOCUMENT NUMBER REV FD/PL OUTSTANDING EC'S  
LAT-DS-01643 53 NONE  
LAW# (SAMS - CN - 2ND)  
CONF ROW: LAT-PS-02615/01078 01 NONE  
VIBS/TC: (NOT APPLICABLE); WAS SW-043; ROW DELETED GTC NO. ....  
AGGY AID: LAT-DS-01643 (RELEASED PER EC 2475)  
CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)  
\*\*\*\*\* BUILD DOCUMENTS \*\*\*\*\*  
Use... WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS.  
\*\*\*\*\*  
\* SEE LAST PAGE OF WO (FOOTER) FOR TRAVELER REV/CHG RECORD.\*

DATE	QTY	REMARKS	STATUS
<u>5-3-05</u>			<u>[Signature]</u>



2 001 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000

\* PROCESS MATERIAL PER CMA STEP 2

DATE	QTY	REMARKS	STATUS
<u>5/17/05</u>	<u>1</u>		<u>[Signature]</u>



WORK TRAIL: 1-813 RUNNER

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

PC# 1PNE LAT-15-01643  
ASSY UNIT-TEM/TPS

WO# 1113256  
REQ# 1113256  
SOL# 1113256  
PUB# 0100083627

CUST PN  
PROJECT 917301  
CUST# 19356

LINE DEPT MACH# OP# DESCRIPTION HOURS  
SET-UP RUN... LINE-MACH ST-LOT



3 210 00 CCA/BLACK BOX ASSY AREA  
INSTALL SCREWS JOINING  
THE TEM & TPS BOX ASSYS.

PROCESS ASSY PER CAA STEP 3

DATE... QTY... REMARKS... STATUS  
06/27/05 1 \_\_\_\_\_ Byp(1288)



4 210 00 CCA/BLACK BOX ASSY AREA  
TORQUE FASTENERS.

PROCESS ASSY PER CAA STEP 4.  
ALERT SLAC QAR TO WITNESS TORQUE PROCESS...  
RECORD ASSIGNED TOOL# USED, AND CAL DUE DATE, BELOW:  
TORQUE TOOL # GTC-A-977  
GTC-E-944 CAL DUE DATE: 08/05

DATE... QTY... REMARKS... STATUS  
06/27/05 1 \_\_\_\_\_ Byp(1288)  
02.2705 1 WITNESS TORQUE



5 210 00 CCA/BLACK BOX ASSY AREA  
STAKE BOLT HEADS

PROCESS ASSY PER CAA STEP 5.  
RECORD MATERIAL DATA BELOW:  
ADHSV 0161 GTC P0# 31403 EXPIRATION DATE 01/31/07  
CURE DATE/TIME: START 06/27/05 11:15 AM STOP 1:15 PM

DATE... QTY... REMARKS... STATUS  
06/27/05 1 \_\_\_\_\_ Byp(1288)

3M 3  
1 210 00 CCA/BLACK BOX ASSY AREA  
ASSY MARKING AW

PROCESS ASSY PER CAA STEP 7.  
RECORD MATERIAL DATA BELOW:  
INK 17-101R GTC P0# 31201 EXPIRATION DATE 04/27/07  
LOT # (PT A) 200409080033  
LOT # (PT B) 200407020071  
MIN RECORD (PT A) 10gr (PT B) 0.6gr  
MARKING DATE/TIME: 06/27/05 11:15 AM - 1:15 PM  
MISE OCCURS AT STAKING STEP 13.

DATE... QTY... REMARKS... STATUS  
06/27/05 1 \_\_\_\_\_ Byp(1288)

3M 3  
1 210 00 CCA/BLACK BOX ASSY AREA  
ASSY MARKING AW

WORK CELL: 1-300 RINNER

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

ASSEMBLY UNIT-TEM/123

WOP 112236  
REQ DATE 05-06-05  
REQ DATE 04-21-05  
SOC F17401  
PO# 0000039627

CUST #:  
CITY: 1  
PROJECT# F17401  
CUSTA 15186

LT# DEPT MACH# QTY DESCRIPTION..... HOURS  
SET-UP RUN LINE MACH ST-LOT



010 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000  
CPE SLDA-0 ASSY-112

\* PROCESS ASSY PER CAA STEP 6.

RECORD DEFECT REPORT NO. IF APPLICABLE: \_\_\_\_\_

DATE	QTY	REMARKS	STATUS
6/23/05	1		
_____	_____	_____	_____
_____	_____	_____	_____



00 SOURCE INSPECTION 0.0000 0.0000 0.0000  
EXAMINE BOX JOINING  
AND EID PACKAGE

\* PROCESS ASSY PER CAA STEP 7.

RECORD DEFECT REPORT NO. IF APPLICABLE: \_\_\_\_\_

\* UPON ACCEPTANCE, ADDITIONALLY INDICATE BY STAMPING THE  
END-ITEM-DATA PACKAGE ON THE CHECKSHEET (FORM GOC-1291).

DATE	QTY	REMARKS	STATUS
6/27/05	1	CALL AT 1844	
_____	_____	_____	_____
_____	_____	_____	_____



00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000  
CPE SLDA-0 ASSY-37

\* PROCESS ASSY PER CAA STEP 8.

- COLLECT AND ROUTE COPIES OF END-ITEM DATA PACKAGE  
WITH UNITS FOR DELIVERY TO SHIPPING.

RECORD DEFECT REPORT NO. IF APPLICABLE: \_\_\_\_\_

DATE	QTY	REMARKS	STATUS
6/28/05	1		
_____	_____	_____	_____
_____	_____	_____	_____

WORK ORDER . 1323A  
 ACTIVITY : LAG-05-01643  
 P... LOCATION: R02

NEW

WORK ORDER PICK LIST  
 BY LINE ITEM

PAGE 1

EFFECTIVITY DATE: 08-04-11  
 RELEASE DATE: 01-04-11  
 DATE PRINTED: 08-19-09

DATE FILLED: \_\_\_\_\_

FILLED BY: \_\_\_\_\_

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	STAT	REQUIREMENTS		ASSY IN LOT #	INVOIC NUMBER	LOT	INVENTORY DETAIL		
					QUANTITY	STATUS				QUANTITY	LOT DATE	BIN
1	LAG-05-01687 BUSH, STND CAP, 3/16X 5/8 ORIGINAL QUANTITY ..	EA	40.00	ASVD	40.00	100007		SNCF2 FN-03	100007	40	18-11-07	IN ASSY ✓
2	1194 ADHESIVE, NYLON, 400 KIT ORIGINAL QUANTITY ..	CC	1.00	SO	1.00			SNCF2 FN-04		C		

JOB: 4 TELL: 1-BIG RUNNER

CUSTOMER: SLAC

STEP 3: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

PN# LAT-DS-01482  
BLAST. DAO. 199

WO# 113218  
REQ DATE 05-06-05  
REL DATE 04-30-05  
SQ# F17300  
PQE 0000048800

CUST P#  
QTY 1  
PROJECT# F17300  
CUST# 19359

=SERIAL NUMBER -----  
GT118 GLAT1826

====APPROVAL:====  
PROD: LAT 5-3-05  
DATE: 5/3/05

WORKMANSHIP:-----  
IPC/EIA J-STD-001C CLASS 3; WITH 'CS' SPACE SUPPLEMENT  
SLAC QAR MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE  
OF ANY STEP OF THE TRAVELER/WORK ORDER SLAC QAR MAY  
INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP.

\*qth: 05.08.04-----

LINE DEPT MACH# OP# DESCRIPTION..... HOURS  
SET-UP RUN... LINE-MACH ST-LOT.



1 000 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000  
CONFIG

\*\*\*\*\* CONFIGURATION DOCUMENTS \*\*\*\*\*  
DOCUMENT NUMBER REV PD/PL OUTSTANDING EO'S  
AGSY DWG: LAT-DS-01482 00 NONE  
BOM PL: 15846 - ON DWG)  
CUST BOM: LAT-PS-03078 03 NONE  
ESS TEST: (N/A THIS LEVEL)  
ASSY AID: LAT-DS-01482 (RELEASED PER EC 2477)  
CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)  
BUILD DOCUMENTS  
USE... WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS.  
\*\*\*\*\*  
SEE FOOTER OF WORK ORDER FOR REV HISTORY

DATE	QTY	REMARKS	STATUS
5/3/05			<i>Wm</i>



2 201 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000  
KITTING

\* PROCESS MATERIAL PER CAA STEP 2.

DATE	QTY	REMARKS	STATUS
5/17/05	1		LINDA 2004





PRODUCTION

WORK ORDER TRAVELLER - NEW

PN# 127-DS-01483  
GLASS, DAO, TFS

WO# 112218  
REQ DATE 05-06-05  
REL DATE 04-20-05  
SOS F17300  
POS 0000048800

CUST #  
QTY 1  
PROJECT# F17300  
CUSTY 13358

LINE DEPT MACH# OP# DESCRIPTION..... SET-UP RUN. HOURS LINE-MACH ST LOT



3 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
APPLY ADHESIVE

- PROCESS ASSY PER CAA STEP 1.
- RECORD ADHESIVE DATA BELOW:

OTC PO# 32131 EXP. DATE 10/01/05  
 LOT #'S: (PT A) 32775 (PT B) 32775  
 MIX RECORD (PART A WGT) 15g (PART B WGT) 1g

DATE	QTY	REMARKS	STATUS
06/24/05	1		By (1288)



4 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
LOG CCA SN TO WORK ORDER  
INSTALL CCA TO BOX

- PROCESS ASSY PER CAA STEP 4.
- INSTALLED CCA SERIAL NUMBER- GT118

DATE	QTY	REMARKS	STATUS
06/24/05	1		By (1288)



5 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
TORQUE FASTENERS

- PROCESS ASSY PER CAA STEP 5.
- ALERT SLAC QAR TO WITNESS TORQUE PROCESS.--
- RECORD ASSIGNED TOOLS USED, AND CAL DUE DATE, BELOW.

TOOL # GTC-E-951 1/2 CAL DUE DATE 08/05  
 GTC-E-944 CAL DUE DATE 08/05

DATE	QTY	REMARKS	STATUS
06/24/05	1		By (1288)
6-24-05	1	WITNESS TORQUE	



PRODUCTION

WORK ORDER TRAVELLER - NEW

JY/PN# LAT-DG-01682  
SSY, GLAST. LAD. 799

MOS 113218  
REQ DATE 08-06-05  
REQ DATE 04-20-05  
PC# 1173112  
PO# 0000048800

CUST PB  
QTY 1  
PROJECT# 173300  
COST# 15385

LINE DEPT MACH# CP# DESCRIPTION..... HOURS  
SET-UP RUN... LINE-MACH ST-LOC



6 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
INSTALL J2

- PROCESS ASSY PER CAA STEP 6.
  - ALERT SLAC CAR TO WITNESS TORQUE PROCESS...
  - RECORD ASSIGNED TOOLS USED, AND CAL DUE DATE, BELOW.
- TOOL # GTC-E-95 1/2 CAL DUE DATE 08/05  
GTC-E-944 CAL DUE DATE 08/05

DATE	QTY	REMARKS	STATUS
06/24/05	1		BYP (1288)

06/24/05 1 WITNESS TORQUE



7 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
SECURE J2 HARNESS

- PROCESS ASSY PER CAA STEP 7.
  - ALERT SLAC CAR TO WITNESS TORQUE PROCESS...
  - RECORD ASSIGNED TOOLS USED, AND CAL DUE DATE, BELOW.
- TOOL # GTC-E-95 1/2 CAL DUE DATE 08/05  
GTC-E-944 CAL DUE DATE 08/05

DATE	QTY	REMARKS	STATUS
06/24/05	1		BYP (1289)



8 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
INSTALL J1 TO LID

- PROCESS ASSY PER CAA STEP 8.
  - ALERT SLAC CAR TO WITNESS TORQUE PROCESS...
  - RECORD ASSIGNED TOOLS USED, AND CAL DUE DATE, BELOW.
- TOOL # GTC-E-95 1/2 CAL DUE DATE 08/05  
GTC-E-944 CAL DUE DATE 08/05

DATE	QTY	REMARKS	STATUS
06/24/05	1		BYP (1288)

06/24/05 1 WITNESS TORQUE



1-BIG RUNNER

CUSTOMER: SLAC

ADDUCTION

WORK ORDER TRAVELLER - NEW

PAGE 4

NS CAT DS 0182  
GLAST. DAO. TPS

WOP 112116  
REQ DATE 03-06-05  
REL DATE 04-20-05  
SO# F17300  
PO# 0000048800

CUST P# 1  
CITY 1  
PROJECT# F17300  
CUST# 15350

LINE DEPT MACH# OP# DESCRIPTION..... HOURS  
SET-UP RUN... LINE-MACH ST-LOT



09 010 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
STAKE BOLT HEADS @ CCA

- PROCESS ASSY PER CAA STEP 9.
- RECORD MATERIAL DATA BELOW:

ADHSV 0151: GTC POW 31403 EXPIRATION DATE 01/31/07

CURE DATE/TIME: START-06/24/05 1:00 PM STOP-

DATE	QTY	REMARKS	STATUS
<u>06/24/05</u>	<u>1</u>		<u>RYP(1288)</u>



10 010 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
STAKE 02 HARDWARE

- PROCESS ASSY PER CAA STEP 10.
- RECORD MATERIAL DATA BELOW:

ADHSV 0151: GTC POW 31403 EXPIRATION DATE 01/31/07

CURE DATE/TIME: START-06/24/05 1:00 PM STOP-

DATE	QTY	REMARKS	STATUS
<u>06/24/05</u>	<u>1</u>		<u>RYP(1288)</u>



11 010 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
STAKE 02 CABLE TIES

- PROCESS ASSY PER CAA STEP 11
- RECORD MATERIAL DATA BELOW:

ADHSV 0151: GTC POW 31403 EXPIRATION DATE 01/31/07

CURE DATE/TIME: START-06/24/05 1:00 PM STOP-

DATE	QTY	REMARKS	STATUS
<u>06/24/05</u>	<u>1</u>		<u>RYP(1288)</u>

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 5

PN: LAT-DS-01482  
LAST, DAQ. PPS

WO# 113216  
REQ DATE 05-08-05  
REL DATE 04-20-05  
CO# P17300  
PO# 0000048800

CUST #  
QTY 1  
PROJECT# P11300  
CJST# 10000

LINE DEPT MACH# QTY DESCRIPTION EST-UP RUN HOURS LINE-MACH ST-LOC



12 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
STAKE J1 HARDWARE

- PROCESS ASSY PER CAA STEP 12.
- RECORD MATERIAL DATA BELOW

ADSV 0181. GTC PO# 31403 EXPIRATION DATE 01/31/07  
CURE DATE/TIME: START-06/24/05 1200PM STOP-

DATE	QTY	REMARKS	STATUS
06/24/05	1		BYP (1288)



13 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
MARKING (SN LABEL)

- PROCESS ASSY PER CAA STEP 13.

DATE	QTY	REMARKS	STATUS
06/24/05	1		BYP (1288)



14 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000  
CPE: SLDR-0 ASSY-157

- PROCESS ASSY PER CAA STEP 14.

RECORD DEFECT REPORT NO. IF APPLICABLE: \_\_\_\_\_

DATE	QTY	REMARKS	STATUS
6/24/05	1		



15 280 00 SOURCE INSPECTION 0.0000 0.0000 0.0000  
EXAMINE ASSY PRE-CLOSE

- PROCESS ASSY PER CAA STEP 15.

RECORD DEFECT REPORT NO. IF APPLICABLE: \_\_\_\_\_

DATE	QTY	REMARKS	STATUS
6-24-05	1	GLAT 1826	

WORK CELL: 1-BIG RIGGER

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 7

PNs LAT DS-01482  
ASSY GLAT, MAG, TPA

WO# 112219  
REQ DATE 05-06-05  
REL DATE 04-20-05  
SO# F17300  
PO# 0000018600

CUST FR  
CUST# 15356  
PROJECT# F17300  
CUST# 15356

LINE MACH# OP# DESCRIPTION SET-UP RUN... HOURS LINE-MACH ST-LOT



19 210 00 CCA/BLACK BOX ASSY AREA  
STAKE BOLT HEADS 0.0000 0.0000 0.0000

- \* PROCESS ASSY PER CAA STEP 19:
- \* RECORD MATERIAL DATA BELOW:

ADHSV 0151; GTC POW 31403 EXPIRATION DATE 01/31/07  
CURE DATE/TIME: START 06/24/05 1:00 PM STOP 3:00 PM

DATE	QTY	REMARKS	STATUS
06/24/05	1		BYP (1288)



20 290 00 QUALITY ASSURANCE AREA  
CPE: SLDK-0 ASSY-40 0.0000 0.0000 0.0000

- \* PROCESS ASSY PER CAA STEP 20

RECORD DEFECT REPORT NO. IF APPLICABLE: \_\_\_\_\_

DATE	QTY	REMARKS	STATUS
06/27/05	1		



21 290 00 SOURCE INSPECTION  
CUSTOMER SOURCE INSP 0.0000 0.0000 0.0000

- \* PROCESS ASSY PER CAA STEP 21.

RECORD DEFECT REPORT NO. IF APPLICABLE: \_\_\_\_\_

DATE	QTY	REMARKS	STATUS
6-27-05	1	GLAT 1826	

\*\*\*\*\* TRAVELER REVISION HISTORY RECORD \*\*\*\*\*  
 CREATED BY: FOR ASSY REV: DATE: 042505  
 WORK# 44  
 ASSY CPO CMC  
 REV BY DATE CHANGE DETAIL  
 01 GJR 042505 RELEASED AT REV 05, AND CAA AT REV \*

\*\*\*\*\*END OF TRAVELER REVISION RECORD\*\*\*\*\*

WORK ORDER 100104  
 ASSEMBLY 1 LAT-09-11422  
 FACILITY: 1  
 LOCATION: W02

NEW  
 WORK ORDER PICK LIST  
 BY LINE ITEM

EFFECTIVITY DATE: 08-31-04  
 RELEASED BY: 08-19-04  
 REVISION: 08-19-04

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS QUANTITY	RECV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL			
									QUANTITY	LOT DATE	BIN	QUANTITY
1	LAT-09-00995 BASE BOX TPS ORIGINAL QUANTITY 1.00	EA	1.00	RSVD	1.00	101025	SKCF2 FN-1	101025	10.00	09-30-07	SLAC	
2	LAT-09-00994 BASE BOX TPS ORIGINAL QUANTITY 1.00	EA	1.00	RSVD	1.00	101024	SKCF2 FN-2	101024	10.00	09-30-07	SLAC	
3	LAT-09-02384 PLA PLAST TPS ORIGINAL QUANTITY 1.00	EA	1.00	BO	1.00		SKCF2 FN-3		0.00			
4	NA1352N01-6 SCREEN ORIGINAL QUANTITY 30.00	EA	30.00	RSVD	30.00	115012	SKCF2 FN-4	115012 (WAS FN-4 10 EA) PULLED	30.00	09-19-04	LOT 115	
							FN-4	120281 (WAS FN-4 20 EA) PULLED	100.00	04-10-05	IN ASSY	
5	NA821004 WARNER PLAT BR 115*10.2 ORIGINAL QUANTITY 32.00	EA	32.00	BO	32.00		SKCF2 FN-5	(WAS FN-6 10 EA) PULLED	0.00			
6	NA1352N01-4 SCREEN ORIGINAL QUANTITY 20.00	EA	20.00	RSVD	20.00	115010	SKCF2 FN-6	115010 (WAS FN-8 22 EA) PULLED	50.00	07-04	F11300	
							FN-6	120100 (WAS FN-8 22 EA) PULLED	64.00	12-16-01	IN ASSY	
7	115* ADHESIVE NYLON 400 K10 ORIGINAL QUANTITY 1.00	02	1.00	BO	1.00		SKCF2 FN-7	(WAS FN-9) PULLED	0.00			
8	CV-3516 RTV NYLON TACH ORIGINAL QUANTITY 1.00	02	1.00	BO	1.00		SKCF2 FN-8	(WAS FN-10) PULLED	0.00			
9	ZCT1K-C76 RTG GASKET LOCKING PANCAKE ORIGINAL QUANTITY 5.00	EA	5.00	BO	5.00		SKCF2 FN-9	(WAS FN-11) PULLED	0.00			
10	M2-1143-04 RTG GASKET LOCKING BOLDS W ORIGINAL QUANTITY 4.00	EA	4.00	BO	4.00		SKCF2 FN-10		0.00			
11	DCB-1104 RESISTOR ORIGINAL QUANTITY 0.01	02	0.01	BO	0.01		SKCF2 FN-11	(WAS FN-15) PULLED	0.00			
12	LAT-09-00995 BASE BOX ORIGINAL QUANTITY 1.00	EA	1.00	BO	1.00		SKCF2 FN-12		0.00			

WORK ORDER : 111116

( NEW )

WORK ORDER PICK LIST

PAGE : 1

ASSEMBLY # : LAT-08-01403  
PLANT : 1  
LOCATION: W01

BY LINE ITEM

EFFECTIVITY DATE: 08-18-09  
RELEASE DATE : 08-18-09  
DATE PRINTED : 08-18-09

QTY: PULLED: \_\_\_\_\_

PULLED BY: \_\_\_\_\_

LINE	PART NUMBER AND DESCRIPTION	UOM	REQUIREMENTS			REQ IN LOT #	INVLOC NUMBER	INVENTORY DETAIL		
			REQUIRED QUANTITY	CUR STATUS	STAT QUANTITY			QTY	LOT DATE	BIN
11	8703-08-0440 CALIPERS, W.F. 110X128 31 ORIGINAL QUANTITY	EA	2000	80	1 00		8XCF1 FN-11			
			2000				PULLED			







WORK CELL: 4-MIXED

CUSTOMER: #LAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

ASSY/ENG: LAT-06-02368  
CIA, CLAST, TFS

WC# 112071  
REQ DATE 02-10-05  
REQ DATE 12-01-04  
PO# 0100048800

CUST #  
PROJECT #  
CUST #  
CUST #

LINE DEPT MACH# OP# DESCRIPTION..... HOURS  
SET-UP RID... LINE-MACH ST-LOT



3 210 00 CCA/BLACK BOX ASSY AREA  
MARK QPC ON 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 3:

DATE	QTY	REMARKS	STATUS
2-10-05	1		PF 228



4 210 00 SMT ASSY LINE  
TSS-SMT BAKEDOUT 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 4

RECORD BAKE DATE-TIME START/STOP BELOW:

BAKE DATE: 2-11-05 START: 11:15 AM STOP: 12:12 PM

DATE	QTY	REMARKS	STATUS
2-11-05	1		22



5 210 00 SMT ASSY LINE  
STENCIL BOTTOM SIDE 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 5:

RECORD SOLDER PASTE DATA BELOW

STC NO: 31728 EXPIRATION DATE 7-14-05

DATE	QTY	REMARKS	STATUS
2/17/05	1		PF 114



6 210 00 SMT ASSY LINE  
PICK-N-PLACE PARTS 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 6:

DATE	QTY	REMARKS	STATUS
2-17-05	1	10.0	PF

- 01 - 1077
- 02 - 1077
- 03 - 1077
- 04 - 1077
- 05 - 1077
- 06 - 1077
- 07 - 1077
- 08 - 1077
- 09 - 1077
- 10 - 1077

Super Data  
 Name: 10607  
 MV: 10075  
 RA: 10005

Measurements  
 taken by  
 IJR 156  
 2/17/05

WORK CELL: 4-MIXED

CUSTOMER: SLAC

1 PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

ASSY EN# LAT-DG-02019  
CDA, GLAS, 179

WC# 112071  
DATE 02-13-04  
DATE 10-01-04  
PO# 0000044800

CUST #  
QTY  
PROJECT# 1  
CUST# 517300  
15356

U# DEPT MACH# U# DESCRIPTION ..... HOURS  
SET-UP RUN LINE-MACH ST-LOT



7 013 00 SMT ASSY LINE  
SOLDER REFLOW 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 7.

DATE	QTY	REMARKS	STATUS
2/1/04	1		PF



8 013 00 SMT ASSY LINE  
AQUEOUS CLEAN 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 8.

DATE	QTY	REMARKS	STATUS
2/1/04	1		PF



9 00 QUALITY ASSURANCE AREA  
SPE: SLDR-1255 ASSY-1445 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 9

\*\* RECORD DEFECT ABOARD REPORT NUMBER(S) BELOW.

DEF#(S)

DATE	QTY	REMARKS	STATUS
2/1/04	1		STC 18

x CDA  
ANSWER BY DATE



10 013 00 SMT ASSY LINE  
SOLDER PASTE STENCIL 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 10.

\* RECORD SOLDER PASTE DATA BELOW.

LOT # 31859 EXPIRATION DATE 2/1/05

DATE	QTY	REMARKS	STATUS
2/2/04			PF

040-0000  
- D500-0072  
41504-0072  
41660-0070  
15-0040

WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/TNS/LAT/DS-12299  
CNA/SLAST/799

WOB 11307  
SLOT 08-10-05  
SLOT DATE 10-01-04  
PUB 000048800

CUST #  
PROJ QTY 1  
CUST# 113300  
CUST# 10329

PAGE 4

LINE DEPT MACH# OP# DESCRIPTION..... SET-UP H O U R S  
SET-UP AUN... LINE-MACH ST-LIN



11 003 00 SMT ASSY LINE PICK-N-PLACE 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 11.

DATE	QTY	REMARKS	STATUS
2/22/05	1	Test	PS



12 013 00 SMT ASSY LINE SOLDER REFLUX 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 12.

DATE	QTY	REMARKS	STATUS
2/22/05	1		PS



13 00 00 SMT ASSY LINE ACIDBUS CLEAN 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 13.

DATE	QTY	REMARKS	STATUS
2/22/05	1		PS



14 000 00 QUALITY ASSURANCE AREA OFF: SLDX-1401 ASSY-799 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 14.

\*\* RECORD DEFECT RECORD REPORT NUMBER(S) BELOW.

DATE	QTY	REMARKS	STATUS
2/22/05	1		

2/22/05 1 CTNS Test PCB

less DS05  
DS05

\* Missing 2000 of DS05  
 \* Missing 2000 of DS07  
 \* Missing DS05, DS07 of 4000  
 \* Missing DS05, DS07, DS08, DS09  
 of 2000 each, DS07, DS08  
 of 2000 each

03/15/05 filled shortages of  
 DS00, DS01, DS04, DS07, DS08,  
 DS09, DS10, DS11 & DS12.  
 03/15/05 Installed CR2 from  
 previous page (123) by  
 03/15/05

3/28/05

OT: TELL. & MIXED

CUSTOMER: SLAC

Yr. PRODUCTION

WORK ORDER TRAVELLER - NEW

ISSY/PN# 127-03-02388  
COA CLASST. 025

WC# 112071  
REC DATE 02-10-05  
REL DATE 12-01-04  
PC# 0100048800

CUST #  
PROJECT# P17300  
DUST# 15356

PAGE 5

LINE DEPT MACH# OP# DESCRIPTION  
SET-UP SUN... HOURS LINE-MACH SI-LOT



15 210 00 COA/BLACK BOX ASSY AREA  
PIN THRU-HOLE PARTS 0.0000 0.0000 0.0000

- PROCESS PER COA STEP 15
- SPECIAL IN-PROCESS QA EXAMINATION OF IC LEAD PREP AND SHORT WIRE PREP.
- RECORD DEFECT RECORD REPORT NUMBER (S) BELOW.

DRR#(S)

DATE	QTY	REMARKS	STATUS
3/15/05	1	Tinned	Final 10/2
3/14/05		Trimmed leads	Final 10/2

03/15/05 stripped wires (35) MV  
 3/15/05 comp. stripped wires (35)  
 03/15/05 Tinned wires (35) MV  
 3/15/05 comp. Tinned wires (35)



16 210 00 COA/BLACK BOX ASSY AREA  
MECH ASSY - HTSINKS/VRS 0.0000 0.0000 0.0000

- PROCESS PER COA STEP 16.
- RECORD ADHESIVE DATA BELOW.
- RECORD ASSIGNED TOOLS USED, AND CAL DUE DATE, BELOW.

GTC PO# 31450 EXPIRATION DATE 05/17/05  
 TOOL # GTC-A-985 CAL DUE DATE 06/28/05

DATE	QTY	REMARKS	STATUS
04/04/05	1	Installed Heat sinks	Final 10/2
04/12/05	1	Installed VRS (GTC-A-976)	Final 10/2

GTC-A-985  
 Final 10/2  
 Final 10/2



17 010 00 COA/BLACK BOX ASSY AREA  
TERMINATE VRS 0.0000 0.0000 0.0000

- PROCESS PER COA STEP 17.

DATE	QTY	REMARKS	STATUS
03/22/05	5	stripped wires	MV
03/22/05	5	tinned wires	MV
04-12-05	1	Installed wires on VRS W.D.	Final 5/2

← Special in-process QA Examination of wires.  
 ME 4-2-05  
 Included wires for VRS steps

FORM CELL: 4-MIXED

CUSTOMER: SLAC

DESCRIPTION

WORK ORDER TRAVELLER - NEW

ASSY/OPS LAT-16 02888  
COP. BLAS-11 100

MO# 112071  
MFG DATE 02-10-05  
MPL DATE 12-31-04  
SOW  
PO# 0000048900

CUST #  
PROJECTS 1  
QTY 217000  
CUSTS 10300

PAGE 9

LINE DEPT MACH# QTY DESCRIPTION..... HOURS  
SET-UP RUN... LINE-MACH ST-DOT



18 210 00 CCA/BLACK BOX ASSY AREA  
INSTALL/SOLDER R1, R2 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 18

DATE... QTY... REMARKS... STATUS

*moved to install + solder to  
STEP 26.  
ME 4-7-05*



19 210 00 CCA/BLACK BOX ASSY AREA  
INSTALL/SOLDER IC WIRES 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 19

DATE... QTY... REMARKS... STATUS

04/12/05 1 installed wires **ByP**



20 000 10 QUALITY ASSURANCE AREA  
QFE: R1DR-70 ASSY-41 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 20

\*\* RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

DEF#(S)

DATE... QTY... REMARKS... STATUS

4/12/05 1 **ByP**



21 010 00 CCA/BLACK BOX ASSY AREA  
MACH ASSY-BOTTOM ICS 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 21

\*\* RECORD ADHESIVE DATA BELOW

UCC PO# 31450 EXPIRATION DATE 05/17/05

\*\* RECORD ASSIGNED TOOLS USED, AND CAL DUE DATE, BELOW

TOOL = GTC-A-985 CAL DUE DATE 06/29/05

DATE... QTY... REMARKS... STATUS

04/13/05 1 **ByP**

WORK CELL: 4-MIXED

CUSTOMER: STAD

PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY EN# LAI-26-02366  
CCA BLAST: TPS

WU# 112071  
REQ DATE 02-10-05  
REQ DATE 10-01-04  
SC#  
PC# 0001048800

CUST PR  
QTY  
PROJECT# 717900  
CUST# 15956

PAGE 7

LINE DEPT MACH# CDE DESCRIPTION..... HOURS  
SET-UP RUN... LINE-MACH ST-LOT



22 217 00 CCA/BLACK BOX ASSY AREA  
INSTALL/SOLDER WIASS-7CS 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 22.

DATE... QTY... REMARKS..... STATUS  
04-14-05 1 11A



23 220 00 QUALITY ASSURANCE AREA  
CPE: SLDW-26 ASSY-29 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 23.

\*\* RECORD DEFECT RECORD REPORT NUMBER(S): BELOW.

DEFECT#

DATE... QTY... REMARKS..... STATUS  
7/14/05 1



24 210 00 CCA/BLACK BOX ASSY AREA  
INSTALL/SOLDER Q504, Q604 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 24.

\* RECORD ADHESIVE DATA BELOW:

UIC PC# 31450 EXPIRATION DATE 05/17/05

DATE... QTY... REMARKS..... STATUS  
~~7/14/05~~ 7/14/05

04-15-05 1 install & solder Q504, Q604



25 210 00 CCA/BLACK BOX ASSY AREA  
INSTALL/SOLDER CAPS 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 25

DATE... QTY... REMARKS..... STATUS  
3/16/05 1 Prep caps SC-1587  
4-16-05 1 Install & Solder caps

WORK CELL 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

ASSY/ENH LAT-05-02388  
CCA GLAST TFS

W# 21071  
REQ DATE 03-10-05  
CUST PR  
PROJ# 1  
CUST# 16155

0000048000

11 DEPT MACH# QTY DESCRIPTION... HOURS  
SET-UP RUN LINE-MACH ST/LOT



26 210 00 CCA/BLACK BOX ASSY AREA  
INSTALL/SOLDER P. R. T 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 06

AI + R3 ME 4-7-05

DATE	QTY	REMARKS	STATUS
04-16-05	1	M.D.	870 582



27 210 00 QUALITY ASSURANCE AREA  
CPE SLD-74 ASSY-34 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 17.

\*\* RECORD DEFECT RECORD REPORT NUMBER(S) BELOW.

ERR#(S)

DATE	QTY	REMARKS	STATUS
4/18/05	1		70 582



28 205 00 SPCA INT  
SPCA TEST 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 08

\*\* RECORD TEST DEFECT RECORD REPORT NUMBER(S) BELOW.

ERR#(S)

DATE	QTY	REMARKS	STATUS
04/18/05	1	GT118 Greg Poiri authorized the assembly be tested without DSOS and DSOS.	passed



29 210 00 CCA/BLACK BOX ASSY AREA  
INSTALL/SOLDER P. R. T 0.0000 0.0000 0.0000

SLDR 1/P-ROW 1-CHECK 04-19-05 M.D.  
SLDR 1/P-ROW 2-CHECK 04-20-05 M.D.

\* PROCESS PER CAA STEP 06

DATE	QTY	REMARKS	STATUS
04-09-05	1	Installed wires on Row 2 wires.	870 582
04-25-05	1	Installed wires on Row 2 wires.	870 582
04-20-05	1	Installed wires on Row 3 wires.	870 582

DIRECTORY: LAT-05-02388  
TFS  
S-S  
04-16-05 16:55:21

SN: 07118

DSOS missing  
DENOTES THE VALUE OF  
VALUE.

DSOS missing  
DENOTES THE VALUE OF  
VALUE.

04-02-05 17:02:50

WALK CELL, 4-MIXED

CUSTOMER: RLAC

PRODUCTION

WALK ORDER TRAVELLER - NEW

PAGE 3

ASSY/PN# CAT DS-02388  
CLA, GLAST, TPS

NO# 112071  
REQ DATE 04-10-05  
REL DATE 12-01-04  
PC# 000048800

CUST PR  
QTY  
PROJECT#  
CUST#

P17303  
10150

LINE DEPT MACH# OP# DESCRIPTION..... H C U B S  
SET-UP RUN LINE-MACH ST-DCT



30 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
INSTALL/SOLDER O/P CABLE  
SLDR O/P-ROW 1-CHECK (4-20-05 MD) 4-20-05  
SLDR O/P-ROW 2-CHECK (4-20-05 MD) 4/20/05  
SLDR O/P-ROW 3-CHECK (4-20-05 MD) 4/20/05  
SLDR O/P-ROW 4-CHECK (4-20-05 MD) 4/20/05

\* PROCESS PER CAA STEP 30

DATE..... QTY... REMARKS.....  
04-20-05 1 Installed 4 solder wires on  
Board



31 220 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000  
OPE: SLDR-98 ASSY-107

\* PROCESS PER CAA STEP 31.

\*\* RECORD DEFECT RECORD REPORT NUMBER(S) BELOW.

DRR#(S):

DATE..... QTY... REMARKS..... STATUS  
4/20/05 1



32 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
HANDS CLEAN

\* PROCESS PER CAA STEP 32.

DATE..... QTY... REMARKS..... STATUS  
4/22/05 1 Washed m-1357



WORK CELL: 4-MIXED

CUSTOMER: RLAP

PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/OPS LAT-05-01388  
CAA GLASS-179

WCR# 112072  
MFGO DATE 02-10-05  
MFGO DATE 12-01-04  
POM 000004800

CUST #  
QTY  
PROJECT# 817300  
CUST# 15355

PAGE 10

LINE DEPT MACHINE QTY DESCRIPTION..... HOURS  
SET-UP RUN LINE-MACH ST LOT



33 250 00 COATING/POTTING AREA  
PCC WITH RTV - CABLE  
DC6-1104 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 33.

RTV DC6-1104; GTC POF # 31695 EXPIRATION DATE 8-21-05

SEE ADHESIVE 0151 APPLICATION FOR CURE DATA.

DATE	QTY	REMARKS	STATUS
4/29/05	1		PO 1746



34 210 00 CCA/BLACK BOX ASSY AREA  
STAKE WITH RTV - VRS  
DC6-1104 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 4.34 ME 3-14-05

~~KNOW EFFECT RECORD REPORT NUMBER(S) BELOW~~

RTV DC6-1104 POF# 31695

EXP Date 8-21-05  
ME 3-14-05

DATE	QTY	REMARKS	STATUS
4/29/05	1		PO 1746



35 211 00 CCA/BLACK BOX ASSY AREA  
POTTING/STAKING ICS 0.0000 0.0000 0.0000

\* PROCESS CAA PER CAA STEP 4.35 ME 3-14-05

OWN MFG DATE / POF# 31403

1-31-07  
Date ~~8-21-05~~  
ME 3-14-05

DATE	QTY	REMARKS	STATUS
4/29/05	1		PO 1746

ME 3-14-05

RTV DC6-1104

ME 3-14-05

WORK CELL 4-MYER

CUSTOMER: SLAC

FAILOCCION

WORK ORDER TRAVELLER - NEW

PAGE 11

ASSY/PN: LAV-26-04299  
CAA: CLAST. TFS

NO# 112807  
REV# 112807  
REL. DATE 02-11-15  
SUS 11-01-04  
PC# 0000048600

CUST # 4  
CITY 4  
PROCESS# 117107  
CUST# 10301

LINE BENT MACH# OP# DESCRIPTION..... SET-UP RUN... LINE-MACH ST-LOT:



36 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
STAKE HARDWARE - NUTS,  
WASHERS, STUDS SCREWS

\* PROCESS PER CAA STEP 36.

ADHESIVE 0151; GTC PO# 31403 EXPIRATION DATE 1/31/07

CURE DATE 4/29/05 START 1:05pm STOP 3:05pm

DATE... QTY... REMARKS..... STATUS  
4/29/05 1 ..... P.O.1946



37 310 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
INSTALL/STAKE SUPPORTS

\* PROCESS PER CAA STEP 37.

ADHESIVE 0151; GTC PO# 31403 EXPIRATION DATE 1/31/07

CURE DATE 4/29/05 START 1:05pm STOP 3:05pm

DATE... QTY... REMARKS..... STATUS  
4/29/05 1 ..... 348(1288)



38 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
STAKE COMPONENTS - C880,  
C880, F2-F5

\* PROCESS PER CAA STEP 38.

ADHESIVE 0151; GTC PO# 31403 EXPIRATION DATE 1/31/07

CURE DATE 4/29/05 START 1:05pm STOP 3:05pm

DATE... QTY... REMARKS..... STATUS  
4/29/05 1 ..... P.O.1946

WORK CELL: 4-MIXED

CUSTOMER: SLAC

7 PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSEMBLY: LAT-06-02388  
PLA: 00000000

WIP NO: 112071  
DATE: 12-10-05  
DATE: 12-01-04  
PC # 0000046800

CUST #  
CITY  
PROJECT #  
CUST #

PAGE 10

LINE DEPT MACH# OP# DESCRIPTION..... H O U R S  
SET-UP RUN LINE-MACH ST-LOG



10 010 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
STAKE INDUCTIONS

\* PROCESS PER CAA STEP 10.

ADHESIVE 0151; GTC POF 31403 EXPIRATION DATE 1/31/07  
CURE DATE 4/29/05 START 1:05pm STOP 3:05pm

DATE 4/29/05 QTY 1 REMARKS STATUS PD 1946



11 010 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
STAKE CAPACITORS AND R22, R1 & R2

\* PROCESS PER CAA STEP 10.

ADHESIVE 0151; GTC POF 31403 EXPIRATION DATE 1/31/07  
CURE DATE 4/29/05 START 1:05pm STOP 3:05pm

DATE 4/29/05 QTY 1 REMARKS STATUS PD 1946

GAF 4-28-05

05/06/05 filled shortage  
of D505 & D605. By  
05/04/05  
inspection of D525 & D605  
5/12/05



12 010 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000  
OFF: SLAC-0 ASSY-07

\* PROCESS PER CAA STEP 41.

\*\* RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

CAR#(S) 31565

DATE 5/12/05 QTY 1 REMARKS STATUS

WCAF CELL - 4-MIXED

CUSTOMER: SLAC

T PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 13

ASSY/PK# LAT-DS-00388  
CTA: GLAST. TPS

WOB# 112071  
WROD DATE 03-10-06  
WORLD DATE 13-01-04  
WOB# 0000048800

CUST PA  
CITY 1  
PROJECT# 107300  
COST# 10354

LINE DEPT MACH# OP# DESCRIPTION..... SET-UP RUN HOURS LINE-MACH ST-LOT



42 290 00 SOURCE INSPECTION  
SLAC CAR INSPECTION - MIP 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 42  
(SOW MANDATORY INSPECTION POINT - MIP)

DATE... QTY... REMARKS..... STATUS  
5/30/05 1 GLAT 1788



43 299 00 PACKAGING/SHIPPING INSP  
PACKAGE & SHIP CCA FOR  
TEST @ CUSTOMER. 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 43.

DATE... QTY... REMARKS..... STATUS  
5/19/05 1



44 290 00 QUALITY ASSURANCE AREA  
RECEIVING INSPECTION 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 44

\*\* RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

DRR#(S)

DATE... QTY... REMARKS..... STATUS  
6/17/05 1



45 291 00 SOURCE INSPECTION  
SLAC CAR PRE-COAT INSP.  
MANDATORY INSPECTION  
POINT (TEST POINT) 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 45

DATE... QTY... REMARKS..... STATUS

WORK ORDER: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 14

ASSY/TNS: LAT-05-02363  
CCA: SLAST: TFS

WOB# 112071  
SIB# 112071  
SIB# DATE 02-10-05  
SIB# DATE 12-01-04  
WOB# 000018800

CUST BR  
PROJ  
COST#  
100000  
100000

LINE DEPT MACH# OP# DESCRIPTION..... REP-UP RUN... H O U S L I N E - M A C H S T - L A T



46 311 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
HAND CLEAN AND TEST  
THE CLEANLINESS OF CCA.  
ATTACH RESULTS REPORT TO  
THE TRAVELLER/WO

- PROCESS CAA PER CAA STEP 46.
- ATTACH CLEANLINESS TEST RECORD TO WORK ORDER.

DATE	QTY	REMARKS	STATUS
6/20/05	1	Wash	App 12.05
6/20/05	1	cleaness test	1-1-1



47 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000  
OP# 5LDR-2 ASSY-7

- PROCESS PER CAA STEP 47
- RECORD DEFECT RECORD REPORT NUMBER(S) BELOW.

DEF#(S):

DATE	QTY	REMARKS	STATUS
6/21/05	1		67C 12 05



48 260 00 COATING/POTTING AREA 0.0000 0.0000 0.0000  
BAKE-OUT AND MASK

- PROCESS CAA PER CAA STEP 48.

RECORD BAKE DATE/TIME START/STOP BELOW

BAKE DATE: 6/21/05 START: 8:00AM STOP: 9:30AM

DATE	QTY	REMARKS	STATUS
6/21/05	1	BAKE / Bake	57B

WORK CELL: 4-MIXED

CUSTOMER: SLAC

T. PRODUCTION

WORK ORDER: TRAVELLER - NEW

ECO: 208 127-DS-02388  
CAA: GLAST, T98

NO: 1112071  
DATE: 02-10-05  
DATE: 12-01-04  
JOB#: 0000148800

COST: 1  
COST: 1  
COST: 13350  
COST: 13350

PAGE: 18

LINE DEPT MACH# QTY DESCRIPTION..... SET-UP RUN HOURS LINE-MACH ST-LOT.



49 250 00 COATING/POTTING AREA CONFORMAL COATING 0.0000 0.0000 0.0000

\* PROCESS CAA PER CAA STEP 49

CONFORMAL COATING PO# 31201 EXPIRATION DATE 6/30/05  
ALK CURE DATE 6/21/05 START 10:30 AM STOP 12:30 PM

DATE... QTY... REMARKS..... STATUS  
6/21/05 1 COAT DM



50 250 00 COATING/POTTING AREA OPEN CURE/TOUCHUP 0.0000 0.0000 0.0000

\* PROCESS CAA PER CAA STEP 50

OVEN CURE DATE 6/21/05 START 12:30 PM STOP 2:10 PM  
OVEN CURE DATE 6/21/05 START 3:00 STOP 4:00 PM

DATE... QTY... REMARKS..... STATUS  
6/21/05 1 4112456 170 COAT SAL-11W



51 250 00 QUALITY ASSURANCE AREA OPE: SLDK-1 ASSY-7 0.0000 0.0000 0.0000

\* PROCESS CAA PER CAA STEP 51

REFER TO CAA FOR DOCUMENTATION REQUIREMENTS TO ATTACH OR ADVANCE WITH THIS WORK ORDER. ITEMS MAY, OR WILL, INCLUDE THE FOLLOWING:

- COPIES OF CERTIFICATIONS...
- SPFA TEST REPORTS
- INSPECTION REPORTS
- NON-CONFORMANCE REPORTS
- END ITEM DATA PACKAGE FORMS
- DIGITAL PHOTOGRAPHS, RECORDED ONTO CD

DATE... QTY... REMARKS..... STATUS  
6/22/05 1 \_\_\_\_\_



WORK CELL 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

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ASSEMBLY LAL-08-01482  
C/A: SLAC, TPS

NO: 112771  
VEND DATE: 08-10-08  
VEND DATE: 10 01-08  
QTY: 000048800

CUST #  
PROJ #  
COST #  
COST #

LINE IDENT MACH# QTY DESCRIPTION SET-UP HOURS  
RUN... LINE-MACH ST-LOT



50 280 00 SOLAGE INSPECTION 0.0000 1.0000 0 0000

\* PROCESS C/A PER C/A STEP 50.  
NOTE NEXT ASSEMBLY IS LAL-08-01482.

DATE: 6/27/09 QTY: 1 REMARKS: GLAT 1780

STATUS



SERIAL NUMBER APPROVAL  
PROD: /  
CA: /

WORKSHOPS  
1P0/SLA-C-STD-0010 CLASS 3; WITH "08" SPACE SUPPLEMENT  
SLAC CAR MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE  
OF ANY STEP OF THE TRAVELER/WORK ORDER. SLAC CAR MAY  
INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP  
91h 02:08 08\*\*\*\*\*

WORK ORDER : 112071

WORK ORDER PICK LIST

PAGE : 1

WGLY # : LAT-DS-02388  
PLANT :  
LOCATION : W02

BY LINE ITEM

EFFECTIVITY DATE : 02-10-06  
REVISION DATE : 02-04-06  
DATE PRINTED : 02-11-06

DATE PULLED: \_\_\_\_\_

PULLED BY: \_\_\_\_\_

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS		INVLOC	LOT NUMBER	INVENTORY DETAIL		
					RSVD	REQD IN			LOT	QUANTITY	LOT DATE
1	LAT-DS-02189 PWR. CLAST. TBS ORIGINAL QUANTITY...	EA	1.00				SK2 FN-D1		0.00		
			1.00		RSVD	1.00	120305	SKCP2	120305	15.00	09-11-07
2	LAT-DS-02910-01 ASSY. CABLE. TBS I/P PWR ORIGINAL QUANTITY...	EA	1.00	BO		1.00	SK2 FN-D2	15 J2	0.00		
			1.00					SKCP2		0.00	
3	LAT-DS-02485 HEAT SINK. TBS ORIGINAL QUANTITY...	EA	4.00				SK2 FN-D3		0.00		
			4.00		RSVD	4.00	115014	SKCP2	115014	66.00	06-23-07
4	LAT-DS-02831-01 ASSY. CABLE. TBS O/P PWR ORIGINAL QUANTITY...	EA	1.00	BO		1.00	SK2 FN-D4	15 J1	0.00		
			1.00					SKCP2		0.00	
	LAT-DS-01698 SUPPORT CABLE HARNESS ORIGINAL QUANTITY...	EA	2.00				SK2 FN-D21		0.00		
			2.00		RSVD	2.00	120308	SKCP2	120308	23.00	09-11-07
										14.00	09-27-04
6	LAT-DS-05535 LABEL. SN ORIGINAL QUANTITY...	EA	1.00	BO		1.00	SK2 FN-D22		0.00		
			1.00					SKCP2		0.00	
7	NAS1149CN492R WASHER ORIGINAL QUANTITY...	EA	4.00				SK2 FN-D5	59293	0.00	07-31-01	A47
			4.00		RSVD	4.00	115016	SKCP2	115016	136.00	09-27-04
8	NAS6710G WASHER ORIGINAL QUANTITY...	EA	19.00	RSVD		19.00	122955	SK2 FN-5	122955	545.00	02-02-05

12



TRAY # : LAT-DS-02388  
QUANTITY : 1  
LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE: 02-10-05  
RELEASE DATE : 12-11-04  
DATE PRINTED : 04-11-05

DATE PULLED: \_\_\_\_\_

FULLED BY: \_\_\_\_\_

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RSVD IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL					
			QUANTITY	STAT				QUANTITY	LOT	LOT DATE	BIN	LOT LIFE	BINLOC
8	NAS87106 NUT, #6, SM, PAT Cont from prior page	EA	15.00				117403	57.00	11-04-04	D0H			
						FN-6	FULLED:						
						122960	FULLED:	510.00	02-02-05				
						FN-6	FULLED:						
						122986	FULLED:	500.00	02-03-05				
						FN-6	FULLED:						
						122987	FULLED:	500.00	02-02-05				
						FN-6	FULLED:						
						SKCF2 44571	FULLED:	28.00	08-19-03	CF3D			
						116770	FULLED:	423.00	10-28-04				
							FULLED:						
9	NAS1152N06-6 SCREEN ORIGINAL QUANTITY...	EA	7.00				SK2 FN-D7	0.00					
						RSVD	7.00 115011						
							SKCF2 115011	101.00	09-27-04				
							FULLED:						
10	NAS1152N04-6 SCREW ORIGINAL QUANTITY...	EA	4.00				SK2 FN-D8	0.00					
						RSVD	4.00 114832						
							SKCF2 114832	11.00	09-23-04	LOT 115			
							FULLED:						
							115012	711.00	05-27-04	IN ASSY			
							FULLED:						
11	NAS1146CN632R WASHER ORIGINAL QUANTITY...	EA	19.00				SK2 FN-D9	0.00					
						RSVD	19.00 115010						
							SKCF2 115010	327.00	02-27-04				
							FULLED:						
12	NAS87104 NUT, HEX, SS, PASS, 4-40TRD ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	122091	SK2 FN-D10	133.00	01-20-05	HW7			
							FULLED:						
						122142	FULLED:	64.00	01-20-05				
						FN-D10	FULLED:						
						122180	FULLED:	251.00	01-21-05				
						FN-D10	FULLED:						
						123198	FULLED:	3000.00	02-04-05				
						FN-D10	FULLED:						
						123384	FULLED:	320.00	02-07-05				
						FN-D10	FULLED:						

W# ORDER : 112071

( NEW )

WORK ORDER PICK LIST

PAGE: 3

A: LY # : SAC-DG-02388  
WO QUANTITY : 1  
WIP LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE : 02-10-05  
RELEASE DATE : 12-01-04  
DATE PRINTED : 02-11-05

DATE PULLED: \_\_\_\_\_

PULLED BY: \_\_\_\_\_

LT#	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STAT	REQUIREMENTS QUANTITY	RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL				
									QUANTITY	LOT DATE	LOT LIFE	BINLOC	BIN QUANTITY
12	NAG57104 NUT, HEX, SS, PASS, 4-40THERD Cont from prior page.	EA	4.00				FN-D10	123357 PULLED:	610.00	02-07-05			
							FN-D10	123512 PULLED:	80.00	02-07-05			
							FN-D10	123521 PULLED:	155.00	02-07-05			
							FN-D10	123532 PULLED:	160.00	02-07-05			
							FN-D10	123591 PULLED:	700.00	02-07-05			
							SKCF2	115009 PULLED:	31.00	09-27-04	LOT 115		
13	CV-2948 RTV MUSIL TECH ORIGINAL QUANTITY ...	OZ	1.00	BO	1.00		SK2 FN-D11		0.00				
							SKCF2		0.00				
14	0151 ADHESIVE; HYSOL.40Z KIT ORIGINAL QUANTITY...	OZ	1.00	BO	1.00		SK2 FN-D12		0.00				
							SKCF2		0.00				
15	PL11M-076 TIE CABLE LOCKING PANDUIT ORIGINAL QUANTITY...	EA	5.00	BO	5.00		SK2 FN-D15		0.00				
							SKCF2		5.00				
16	5750 CONFORMAL COATING URELANE ORIGINAL QUANTITY ...	OZ	1.00	BO	1.00		SK2 FN-D17		0.00				
							SKCF2		0.00				
17	DC6-1104 ADHESIVE ORIGINAL QUANTITY ...	OZ	1.00	BO	1.00		SK2 FN-D18		3.00				
							SKCF2		3.00				
18	MS0759/11-24-9 WIRE BAWG, WHITE ORIGINAL QUANTITY ...	TN	1.00	BSVD	1.00	48190	SK2 FN-D19	40100 FOR TERMINATING VAS PULLED	1250.00	09-14-00	SK2 R4		

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WORK ORDER : 112071

( NEW )

WORK ORDER PICK LIST

PAGE: 4

7 BLY # : LAC-DS-02188  
1 QUANTITY : 1  
1 LOCATION: MO2

BY LINE ITEM

EFFECTIVITY DATE: 02-10-05  
RELEASE DATE : 12-01-04  
DATE PRINTED : 02-11-05

DATE PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UOM	REQUIREMENTS			INVLOC NUMBER	INVENTORY DETAIL						
			REQUIRED QUANTITY	CURR STATUS	RESV IN LOT #		LOT QUANTITY	LOT DATE	LOT LIFE	BIN	LOC QUANTITY		
	WIRE, 24AWG, WHITE CONT from prior page	IN				SKCF2 115299	17716	00	10-01-04	LOT1152			
19	LAC-DS-04101 HEATSINK ORIGINAL QUANTITY...	EA	2.00			SK2 FN-D20					2.00		
				RSVD	2.00 120304	SKCF2 120304					<del>34.00</del>	<del>09-11-05</del>	
20	ARP461 IC SILVER ORIGINAL QUANTITY...	EA	1.00			SK2 FN-34 VRS					0.00		
				RSVD	1.00 114959	SKCF2 114959					<del>17.00</del>	<del>09-27-04</del>	
21	MAX724ECK IC ORIGINAL QUANTITY...	EA	7.00			SK2 FN-36 U6 U7 U8 U10 U15 U17 U18					0.00		
				RSVD	7.00 114961	SKCF2 114961					<del>149.00</del>	<del>09-22-04</del>	
22	8962R9663501VXC IC ORIGINAL QUANTITY...	EA	5.00			SK2 FN 35 U20 U559 U560 U559 U660					0.00		
				RSVD	5.00 120301	SKCF2 120301					<del>85.00</del>	<del>12-16-04</del>	<del>09-10</del>
23	88R10400TKV DIODE ORIGINAL QUANTITY...	EA	7.00			SK2 FN-19 D1 D2 D3 D4 D8 D19 D20					0.00		
				RSVD	7.00 114948	SKCF2 114948					<del>210.00</del>	<del>09-27-04</del>	
24	JANTXVIN4153UR-1 DIODE ORIGINAL QUANTITY...	EA	8.00			SK2 FN-20 D802 D803 D800 D899 D602 D601 D609 D699					0.00		
				RSVD	8.00 114949	SKCF2 114949					<del>124.00</del>	<del>09-27-04</del>	
25	JANTXVIN6806US DIODE 1N6806US ORIGINAL QUANTITY...	EA	8.00			SK2 FN 21 D801 D804 D807 D808 D801 D804 D807 D808					0.00		
				RSVD	8.00 114950	SKCF2 114950					<del>126.00</del>	<del>09-27-04</del>	
26	JANTXVIN6487US DIODE ORIGINAL QUANTITY...	EA	8.00			SK2 FN 23 CR1 CR3 CR4 CR6 CR8 CR9					0.00		



WIP # 1AT-DS-02388  
WIP LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE: 02-20-05  
RELEASE DATE: 12-01-04  
DATE PRINTED: 02-11-05

DATE PULLED:

PULLED BY:

LINE #	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS		RESV IN LOT #	INVOCC NUMBER	LOT NUMBER	INVENTORY DETAIL		
					STAT QUANTITY	LOT #				QUANTITY	LOT DATE	BIN
	DIODE CONT from prior page.	EA		RSVD	6.00		114952	SKCF2	114952	148.00	09-27-04	
27	JANTXV1N4104UR-1 DIODE ORIGINAL QUANTITY...	EA	4.00					SK2 FN-24	C85 D10 D505 D605	0.00		
				RSVD	4.00		114953	SKCF2	114953	61.00	09-27-04	
28	JANTXV1N4494US DIODE ORIGINAL QUANTITY...	EA	1.00					SK2 FN-26	D600	0.00		
				RSVD	1.00		114955	SKCF2	114955	14.00	09-27-04	
29	JANTXV1N4495US DIODE ORIGINAL QUANTITY...	EA	1.00					SK2 FN-22	CR2	0.00		
				RSVD	1.00		114951	SKCF2	114951	11.00	09-27-04	
30	JANTXV1N1439 TRANSISTOR ORIGINAL QUANTITY...	EA	4.00					SK2 FN-81	Q604 Q650 Q64 Q650	0.00		
				RSVD	4.00		118006	SKCF2	118006	42.00	09-27-04	
31	5962R95B2602VXC IC ORIGINAL QUANTITY...	EA	6.00					SK2 FN-38	U1 U2 U21 U22 U561 U661	0.00		
				RSVD	6.00		120302	SKCF2	120302	104.00	12-16-04	DRY-10
32	CR830BK103BKUS CAP 0.01UF 100V 10% ORIGINAL QUANTITY...	EA	22.00					SK2 FN-4	C1 C2 C5 C9 C11 C13 C15 C17 C24 C27 C46 C73 C76 C110 C114 C115 C165 C596 C596 C598 C604 C696 C696	0.00		
				RSVD	22.00		114937	SKCF2	114937	305.00	09-27-04	
33	CR090K106NCS CAPACITOR ORIGINAL QUANTITY...	EA	4.00					SK2 FN-6	C550 C597 C650 C697	0.00		
				RSVD	4.00		114936	SKCF2	114936	305.00	09-27-04	
34	M38206/22-0554H CAPACITOR ORIGINAL QUANTITY...	EA	30.00					SK2 FN-8	C113 C1 C5 C9 C11 C13 C15 C17 C24 C27 C46 C73 C76 C110 C114 C115 C165 C596 C596 C598 C604 C696 C696	0.00		



WORK ORDER : 112371

NEW

WORK ORDER PICK LIST

PAGE 6

1 WLY # : CAT-DS-02188  
2 WLY # : 1  
3 WLY # : W02

BY LINE ITEM

EFFECTIVITY DATE: 02-10-04  
RELEASE DATE : 12-01-04  
DATE PRINTED : 02-11-05

DATE FULLED: \_\_\_\_\_ FULLED BY: \_\_\_\_\_

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS		KEYS IN	INVLOC	LOT NUMBER	INVENTORY DETAIL			
					STAT QUANTITY	LOT #				QUANTITY	LOT DATE	BIN	QUANTITY
	CAPACITOR Cont from prior page.	EA		RSVD	30.00		114941	SKCF2	114941	484.00	09-27-04		
									PULLED:				
15	12108663K251YHM CAPACITOR	EA	12.00					SK2		0.00			
	ORIGINAL QUANTITY...		12.00					FN-13 C801 C808 C810 C811 C814 C840 C801 C808 C810 C811 C814 C840					
				RSVD	12.00		114902	SKCF2	114902	832.00	09-23-04		
									PULLED:				
16	RXK065 FUSE	EA	2.00					SK2		0.00			
	ORIGINAL QUANTITY...		2.00					FN-22 F2 F3					
				RSVD	2.00		114957	SKCF2	114957	2.00	09-27-04		
									PULLED:				
17	594218771002VXA IC	EA	2.00					SK2		0.00			
	ORIGINAL QUANTITY...		2.00					FN-37 U604 U604					
				RSVD	2.00		114962	SKCF2	114962	48.00	09-27-04		
									PULLED:				
18	12786-31 INDUCTOR	EA	12.00					SK2		0.00			
	ORIGINAL QUANTITY...		12.00					FN-19 L1 L2 L3 L4 L5 L6 L7 L10 L11 L12 L13 L14					
				RSVD	12.00		114964	SKCF2	114964	315.00	09-27-04		
									PULLED:				
19	12786-31 INDUCTOR	EA	2.00					SK2		0.00			
	ORIGINAL QUANTITY...		2.00					FN-40 L601 L601					
				RSVD	2.00		114965	SKCF2	114965	1.00	09-27-04		
									PULLED:				
40	180N1597034 TRANSISTOR	EA	3.00					SK2		0.00			
	ORIGINAL QUANTITY...		3.00					FN-41 Q10 Q11 Q12					
				RSVD	3.00		114966	SKCF2	114966	3.00	09-27-04		
									PULLED:				
41	H705CFX000 THICK FILM JUMPER	EA	15.00					SK2		0.00			
	ORIGINAL QUANTITY		15.00					FN-44 R23 R24 R117 R516 R518 R615 R645 R23 R23 R24 R24 R24 R24 R24 R24 R24 R24					
				RSVD	15.00		114817	SKCF2	114817	1618.00	09-23-04		
									PULLED:				
									114967	15.00	09-27-04		
									PULLED:				

ASSEMBLY # : LAT-DS-C2358  
WO QUANTITY : 1  
WIP LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE: 02-10-05  
RELEASE DATE : 12-01-04  
DATE PRINTED : 02-11-05

DATE PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	REQUIREMENTS		STAT QUANTITY	RESV IN LOT #	INVLDC NUMBER	INVTORY DETAIL			
				CURR STATUS	RESV IN				LOT	LOT QUANTITY	LOT DATE	WINLOC
42	M55342K06B1F00R RESISTOR ORIGINAL QUANTITY...	EA	2.00					SK2 FN-44 R550 R580 PULLED:	0.00			
			2.00	RSVD		2.00	114828	SKCF2 114828 PULLED: 114969 PULLED:	44.00	09-23-04		
43	M55342K06B1E21R RESISTOR ORIGINAL QUANTITY...	EA	3.00					SK2 FN-46 R5 K8 R21 PULLED:	0.00			
			3.00	RSVD		3.00	114971	SKCF2 114971 PULLED:	148.00	09-27-04		
44	M55342K06B1E37R RESISTOR ORIGINAL QUANTITY...	EA	4.00					SK2 FN-47 R23 R29 R51 R52 PULLED:	0.00			
			4.00	RSVD		4.00	114972	SKCF2 114972 PULLED:	151.00	09-27-04		
45	M55342K06B1E60R RESISTOR, CHIP, 100K, 1K OHM ORIGINAL QUANTITY...	EA	6.00	RSVD		6.00	91633	SK2 91633 FN-49 R17 R41 R49 R63 R552 R602 PULLED: SKCF2 114818 PULLED: 114976 PULLED:	150.00	09-20-03	560	
			6.00						1235.00	09-23-04		
									176.00	09-27-04		
46	M55342K06B1F00R RESISTOR, CHIP, 100K, 1K OHM ORIGINAL QUANTITY...	EA	6.00					SK2 FN-45 R505 R515 R554 R608 R615 R656 PULLED:	0.00			
			6.00	RSVD		6.00	114819	SKCF2 114819 PULLED: 114977 PULLED:	630.00	09-23-04		
									217.00	09-27-04		
47	M55342K06B2E00R SMD, CHIP, 2.20K, 1%, 01W ORIGINAL QUANTITY...	EA	1.00					SK2 FN-50 R330 PULLED:	0.00			
			1.00	RSVD		1.00	115091	SKCF2 115091 PULLED:	137.00	08-28-04		
48	M55342K06B2E74K RESISTOR, 1% ORIGINAL QUANTITY...	EA	3.00					SK2 FN-52 R71 R75 R77 PULLED:	0.00			
			3.00	RSVD		3.00	114960	SKCF2 114960 PULLED:	75.00	09-27-04		

DATE PULLED: \_\_\_\_\_ PULLED BY: \_\_\_\_\_

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS		WIP IN LOT #	INVLOC NUMBER	INVENTORY DETAIL				
					STAT QUANTITY	ASV #			LOT	QTY	EXP DATE	BIN/LOC	BIN QUANTITY
49	M55342K06R4S75R RESISTOR ORIGINAL QUANTITY...	EA	2.00					SK2 FN-53 R500 R500 PULLED: SKCF2 91326	0.00		S10A		
			2.00	RSVD	2.00		91326	SKCF2 91326 PULLED: 114981 PULLED:	61.00	09-24-03	CP2C		
50	M55342K06R5E67R RESISTOR ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00		114981	SK2 FN-54 R14 PULLED: SKCF2 114984 PULLED:	25.00	11-30-04	67E		
			1.00					SKCF2 114984 PULLED:	14.00	09-27-04			
51	M55342K06R6E25R RESISTOR ORIGINAL QUANTITY...	EA	2.00					SK2 FN-57 R9 R9 PULLED: SKCF2 114985 PULLED:	12.00	04-16-03	05D		
			2.00	RSVD	2.00		114985	SKCF2 114985 PULLED:	85.00	09-27-04			
52	M55342K06R10ECR RESISTOR,CHIP,100W,10K 0 ORIGINAL QUANTITY...	EA	21.00					SK2 FN-59 R85 R86 R87 R502 R518 R522 R590 R55: R603 R618 R623 R650 R651 ZR24 ZR26 ZR63 ZR88 ZR93 ZR96 ZR97 ZR98 PULLED: SKCF2 114987	0.00				
			21.00	RSVD	21.00		114987	SKCF2 114987 PULLED: 114930 PULLED: 01324 PULLED:	657.00	09-27-04			
									142.00	09-23-04	CP2C		
									58.00	09-24-03			
53	CDR04RX104AKUS CAP, .1uF,50V ORIGINAL QUANTITY...	EA	32.00					SK2 FN-5 C027 C102 C103 C104 C105 C106 C107 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C118 C119 C120 C201 C202 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C213 C214 C215 C216 C217 C218 C219 C220 PULLED: SKCF2 114935	0.00				
			32.00	RSVD	32.00		114935	SKCF2 114935 PULLED:	608.00	09-27-04			
54	CDR316X102BKUS CAPACITOR ORIGINAL QUANTITY...	EA	2.00					SK2 FN-3 C510 C510 PULLED: SKCF2 114936	0.00				
			2.00	RSVD	2.00		114936	SKCF2 114936 PULLED:	974.00	09-27-04			
55	CDR318P102BKUS CAPACITOR ORIGINAL QUANTITY...	EA	14.00					SK2 FN-5 C201 C202 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C213 C214 C215 C216 C217 C218 C219 C220 C301 C302 C303 C304 C305 C306 C307 C308 C309 C310 C311 C312 C313 C314 C315 C316 C317 C318 C319 C320 PULLED: SKCF2 114938	0.00				
			14.00	RSVD	14.00		114938	SKCF2 114938 PULLED:	34.00	09-27-04			

ADDER : 112071

( NEW )

WORK ORDER PICK LIST  
BY LINE ITEM

PAGE: 9

ASSEMBLY # : LAT-DS-02363  
WD QUANTITY : 1  
WIP LOCATION: W02

EFFECTIVITY DATE: 02-10-05  
RELEASE DATE : 02-01-04  
DATE PRINTED : 02-11-05

DATE PULLED: \_\_\_\_\_

PULLED BY: \_\_\_\_\_

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS			INVLOC NUMBER	INVENTORY DETAIL		
			REQUIRED QUANTITY	CURS STATUS	RESV IN LOT #		LOT QUANTITY	LOT DATE	BIN
56	CDR333K2233KUS CAPACITOR ORIGINAL QUANTITY...	EA	4.00			SK2 FN-7 C503 C551 C603 C651	0.00		
			4.00	RSVD	4.00 114940	SKCF2 114940	240.00	09-27-04	
						PULLED:			
57	CDR333K4733KUS CAPACITOR ORIGINAL QUANTITY...	EA	7.00			SK2 FN-9 C4 C7 C12 C16 C63 C74 C77	0.00		
			7.00	RSVD	7.00 114799	SKCF2 114799	1252.00	09-23-04	
						114942	333.00	09-27-04	
						PULLED:			
58	CDR318P4708KUS CAPACITOR ORIGINAL QUANTITY...	EA	4.00			SK2 FN-10 C102 C512 C561 C661	0.00		
			4.00	RSVD	4.00 115090	SKCF2 115090	950.00	09-28-04	
						PULLED:			
59	CHK09FC476KES CAPACITOR ORIGINAL QUANTITY...	EA	89.00			SK2 FN-11 C11 C12 C13 C14 C15 C16 C17 C18 C19 C20 C21 C22 C23 C24 C25 C26 C27 C28 C29 C30 C31 C32 C33 C34 C35 C36 C37 C38 C39 C40 C41 C42 C43 C44 C45 C46 C47 C48 C49 C50 C51 C52 C53 C54 C55 C56 C57 C58 C59 C60 C61 C62 C63 C64 C65 C66 C67 C68 C69 C70 C71 C72 C73 C74 C75 C76 C77 C78 C79 C80 C81 C82 C83 C84 C85 C86 C87 C88 C89 C90 C91 C92 C93 C94 C95 C96 C97 C98 C99 C100	0.00		
			89.00	RSVD	89.00 114943	SKCF2 114943	795.00	09-27-04	
						PULLED:			
60	CDR315P1018KUS CAPACITOR ORIGINAL QUANTITY...	EA	4.00			SK2 FN-12 C121 C507 C607 C612	0.00		
			4.00	RSVD	4.00 114944	SKCF2 114944	310.00	09-27-04	
						PULLED:			
61	JANTXV1N489US DIODE ORIGINAL QUANTITY...	EA	1.00			SK2 FN-25 D500	0.00		
			1.00	RSVD	1.00	SKCF2	10.00		
						PULLED:			
62	RXE110 FUSE, POLYSWITCH ORIGINAL QUANTITY...	EA	2.00			SK2 FN-23 F4 F5	0.00		
			2.00	RSVD	2.00 114958	SKCF2 114958	46.00	09-27-04	
						PULLED:			
63	R4R898A200FP RESISTOR ORIGINAL QUANTITY...	EA	1.00			SK2 FN-43 R22	0.00		
			1.00			PULLED:			





WC ORDER : 110071

( NEW )

WORK ORDER PICK LIST

PAGE: 10

AL Y : LAD-DS-03088  
WO QUANTITY : 1  
WIP LOCATION: M03

BY LINE ITEM

EFFECTIVITY DATE: 02-10-05  
RELEASE DATE : 02-01-04  
DATE PRINTED : 02-11-05

DATE PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS			INVLOC	LOT NUMBER	INVENTORY DETAIL		
			REQUIRED QUANTITY	CURR STAT	STATUS			RESV IN LOT #	LOT QUANTITY	LOT DATE
	RESISTOR Cont from prior page.	EA	RSVD	1.00	114958	SKCF2	114958	93.00	09-27-04	
64	M55342K06B1B21R RESISTOR ORIGINAL QUANTITY...	EA	4.00			SK2 FN-45 R40 R50 R58 R61		0.00		
			RSVD	4.00	114970	SKCF2	114970	222.00	09-27-04	4
65	M55342K06B2B21R RESISTOR ORIGINAL QUANTITY...	EA	6.00			SK2 FN-51 R17 R40 R64 R65 R66 R67		0.00		
			RSVD	6.00	114979	SKCF2	114979	443.00	09-27-04	6
66	M55342K06B10F0X RESISTOR ORIGINAL QUANTITY...	EA	4.00			SK2 FN-60 R543 R544 R643 R644		0.00		
			RSVD	4.00	114820	SKCF2	114820	54.00	09-23-04	4
							114928	212.00	09-27-04	
	M55342K06B10E0R RESISTOR ORIGINAL QUANTITY...	EA	3.00			SK2 FN-51 R18 R15 R46		0.00		
			RSVD	3.00	114989	SKCF2	114989	122.00	09-27-04	3
68	M55342K06B15E0R RESISTOR, CHIP, 100X, 15K C ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	SK2 4305 FN-62 R19		10.00	09-26-05	555
						SKCF2	114990	83.00	09-27-04	
69	M55342K06B18E0R RESISTOR ORIGINAL QUANTITY...	EA	2.00			SK2 FN-63 R231 R567		0.00		
			RSVD	2.00	114991	SKCF2	114991	132.00	09-27-04	
70	M55342K06B20E0R RESISTOR, 20KOhm ORIGINAL QUANTITY	EA	8.00	RSVD	8.00	SK2 17105 FN-64 R505 R507 R510 R525 R605 R607 R610 R625		300.00	09-26-05	597
							46972	1001.00	09-26-05	
							R625	8605	09-27-04	

W AD&K : 112071

NEW

WORK ORDER PICK LIST

PAGE: 11

A: JULY 8 LAT-DS-02388  
NO QUANTITY : 1  
WIP LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE: 02-11-08  
RELEASE DATE : 12-01-09  
DATE PRINTED : 02-11-08

DATE PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	EA	REQUIREMENTS		RESV IN	INVLOC	LOT NUMBER	INVENTORY DETAIL				
			UM	QUANTITY				STAT	QUANTITY	LOT	DATE	BIN
	RESISTOR, 20kOhms Cont from prior page.					SKCF2	114992	208.00	09-27-04			
							PULLED:					
71	M55342K06822D1R RESISTOR ORIGINAL QUANTITY...	EA	1.00			SK2 FN-69	R611	0.00				
			1.00				PULLED:					
			RSVD	1.00	114992	SKCF2	114992	130.00	09-27-04			
							PULLED:					
72	M55342K06822D1R RESISTOR ORIGINAL QUANTITY...	EA	5.00			SK2 FN-66	R650 R34 R42 R112 R568 R612	33.00	12-15-00	S92		
			5.00				PULLED:					
			RSVD	5.00	114994	SKCF2	114994	280.00	09-27-04			
							PULLED:					
							S0591	10.00	12-15-00	S00		
							PULLED:					
73	M55342K06822D1R RESISTOR ORIGINAL QUANTITY...	EA	1.00			SK2 FN-67	R666	0.00				
			1.00				PULLED:					
			RSVD	1.00	114995	SKCF2	114995	130.00	09-27-04			
							PULLED:					
	M55342K06849B9R RESISTOR, 49.9kOhms ORIGINAL QUANTITY...	EA	6.00	RSVD	6.00	SK2 FN-68	R352 R42 R596 R555 R698 R699	320.00	03-31-03	S12		
			6.00				PULLED:					
						SKCF2	114996	200.00	09-27-04			
							PULLED:					
75	M55342K06861E9R RESISTOR ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	SK2 FN-69	R667	17.00	04-15-03	S7H		
			1.00				PULLED:					
						SKCF2	114997	144.00	09-27-04			
							PULLED:					
76	M55342K068100D8 RESISTOR, CHIP, 100W, 100 OH ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	SK2 FN-70	R601 R590 R601 R630	240.00	04-27-04	S7H		
			4.00				PULLED:					
						SKCF2	114998	3400.00	09-23-04			
							PULLED:					
							114998	6.00	09-27-04			
							PULLED:					
77	M55342K068100D8 RESISTOR, CHIP, 100W, 100K ORIGINAL QUANTITY...	EA	13.00			SK2 FN-71	R6 R7 R000 R201 R202 R103 R204 R006 R207 R213 R597 R613 R007	0.00		S92		
			13.00				PULLED:					



WU MER : 112071

( NEW )

WORK ORDER PICK LIST

PAGE: 10

ASSEMBLY # : LAT-DS-02388  
NO QUANTITY : 1  
WIP LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE: 02-10-00  
RELEASE DATE : 02-01-04  
DATE PRINTED : 02-11-06

DATE PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	EA	REQUIRED QUANTITY	CURR STATUS	RESV IN QUANTITY	LOT #	INVLOC	NUMBER	INVENTORY DETAIL		
									QTY	DATE	SIN
11	RESISTOR CHIP .100W.100K Cont from price page	EA	RSVD	13.00	114823	SKCF2	114823		1316.00	09-23-04	S93
								PULLED:			
								114999	160.00	09-27-04	
								PULLED:			
								96596	40.00	01-08-04	
								PULLED:			
78	M55342K069101DR RESISTOR ORIGINAL QUANTITY...	EA	RSVD	1.00	50769	SK2	50769		39.00	12-30-00	S93
						FN-72	R5C				
						SKCF2	50769		64.00	09-24-03	CP1C
							115000		47.00	09-27-04	
								PULLED:			
79	D55342K078402EK RES. 422K, 1/4W, 1% ORIGINAL QUANTITY...	EA	RSVD	1.00	84272	SK2	84272		20.00	04-18-02	S20
						FN-73	R532				
							2714		10.00	09-26-04	
						FN-73	R532				
						SKCF2	115000		93.00	09-27-04	
								PULLED:			
80	D55342K078511ER RESISTOR ORIGINAL QUANTITY...	EA	RSVD	10.00	115002	SK2	R531 R553 R554 R555 R631 R632 R633 R653 R654 R655		306.00	09-27-04	
						SKCF2	115002				
								PULLED:			
81	M55342K069245DR RESISTOR ORIGINAL QUANTITY...	EA	RSVD	2.00	115003	SK2	R153 R142		0.00		
						SKCF2	115003		480.00	09-27-04	
								PULLED:			
82	S511718-099780 THERMISTOR, 30X ORIGINAL QUANTITY...	EA	RSVD	2.00	115004	SK2	R1 R2		0.00		
						SKCF2	115004		40.00	09-27-04	
								PULLED:			
83	JANTXV2N2222AUB TRANSISTOR NPN ORIGINAL QUANTITY...	EA	RSVD	21.00	120309	SK2	Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8 Q9 Q10 Q11 Q12 Q13 Q14 Q15 Q16 Q17 Q18 Q19 Q20 Q21 Q22 Q23 Q24 Q25 Q26 Q27 Q28 Q29 Q30 Q31 Q32 Q33 Q34 Q35 Q36 Q37 Q38 Q39 Q40 Q41 Q42 Q43 Q44 Q45 Q46 Q47 Q48 Q49 Q50 Q51 Q52 Q53 Q54 Q55 Q56 Q57 Q58 Q59 Q60 Q61 Q62 Q63 Q64 Q65 Q66 Q67 Q68 Q69 Q70 Q71 Q72 Q73 Q74 Q75 Q76 Q77 Q78 Q79 Q80 Q81 Q82 Q83 Q84 Q85 Q86 Q87 Q88 Q89 Q90 Q91 Q92 Q93 Q94 Q95 Q96 Q97 Q98 Q99 Q100		406.00	02-16-04	
						SKCF2	120309				
								PULLED:			

ALY # : LAT-06-02388  
NO. QUANTITY : 1  
WIP LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE: 02-10-05  
RELEASE DATE : 12-01-04  
DATE PRINTED : 02-11-05

DATE PULLED: \_\_\_\_\_ PULLED BY: \_\_\_\_\_

LINE #	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	REQUIREMENTS		RESV IN LOT #	INVLOC NUMBER	INVENTORY DETAIL						
				CURR STATUS	STAT QUANTITY			LOT	QUANTITY	LOT DATE	SIN	SINLOC	QUANTITY	
84	JANTXV2N2807AUB TRANSISTOR ORIGINAL QUANTITY ...	EA	2.00				SK2 FN-82 0699 0699		0.00					
			2.00	RSVD	2.00	115007	SKCF2 115007			32.00	09-27-04			
							PULLED:							
85	M55142K09B4E99R RESISTOR ORIGINAL QUANTITY ...	EA	2.00				SK2 FN-54 R519 R619		0.00					
			2.00	RSVD	2.00	114982	SKCF2 114982			219.00	09-27-04			
							PULLED:							
86	M55142K06B5E11R RESISTOR ORIGINAL QUANTITY ...	EA	2.00	RSVD	2.00	80870	SK2 60670 FN-55 R508 R608		44.00	09-07-01	89F			
			2.00				SKCF2 114829			204.00	09-23-04			
							114983			232.00	09-27-04			
							PULLED:							
87	M55142K09B1C0CR RESISTOR ORIGINAL QUANTITY ...	EA	1.00				SK2 FN-58 R611		0.00					
			1.00	RSVD	1.00	114986	SKCF2 114986			237.00	09-27-04			
							PULLED:							

# DEFECT RECORD REPORT

ID: 29664

PART NUMBER: LAT-DS-02388

INSPECTION TYPE: POST REFLOW

OPR SOLDIER: 1421

WORK ORDER: 112071

INSPECTION LEVEL: 1

OPR ASSEMBLY: 706

SALES ORDER: F17300

INSPECTOR: SANDOVAL

DATE: 2/24/2005


QUANTITY: 1 RW QTY: 1

WEEK CODE: 10

CUSTOMER: SIAC

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
GT118	2	1858	S401		POOR WETTING	D-11	
GT118	1	1858	S401		POOR WETTING	D-19	
GT118	1	1858	S407		NON SOLDERED CONNECTION	D-8	
GT118	1	1858	S427		FLUX RESIDUE	ALL	BOARD STILL COVERED WITH FLUX.

03/15/05 Rework done by <sup>1000</sup> <sup>848</sup> 03/15/05

 3/28/05

# DEFECT RECORD REPORT

ID 31565

PART NUMBER: LAT-OS-02388

INSPECTION TYPE: POTTING

OFF SOLDIER: 0

WORK ORDER: 112071

INSPECTION LEVEL: 1

OFF ASSEMBLY: 87

SALES ORDER: F17300

INSPECTOR: MARTINEZ

DATE: 5/12/05

QUANTITY: 1 RW QTY: 1

WEEK CODE: 21

CUSTOMER: SLAC

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
GT118	1	1946	A308	1-BIG RUNNER	MISSING COATING / POTTING / BONDING	G151	
GT118	6	1946	A361	1-BIG RUNNER	COATING NOT REQUIRED		C161,630,76,C5,R64,D19

*05/12/05 Rewent down by [signature] 05/13/05*

CCA PIN: LAT-D5-02388 GLAT 1788 GT118

W.O. #: 112071

CC Tech: DM/1035 (Initial / Employee #)

Date: 6/21/05

**MIX RATIOS**

Coating TYPE: ARATHANE Mfr: HUNTSMAN

Lot Number: AK4GB8013A Expiration Date: 6/30/05

MIX RATIOS: 18 PBW 5750-A TO 100 PBW 5750-B

AIR CURE: 6/21/05 START 10:30 AM STOP 12:30 <sup>PM</sup> AM

OVEN CURE: 6/21/05 START 12:30 PM

WESTEK

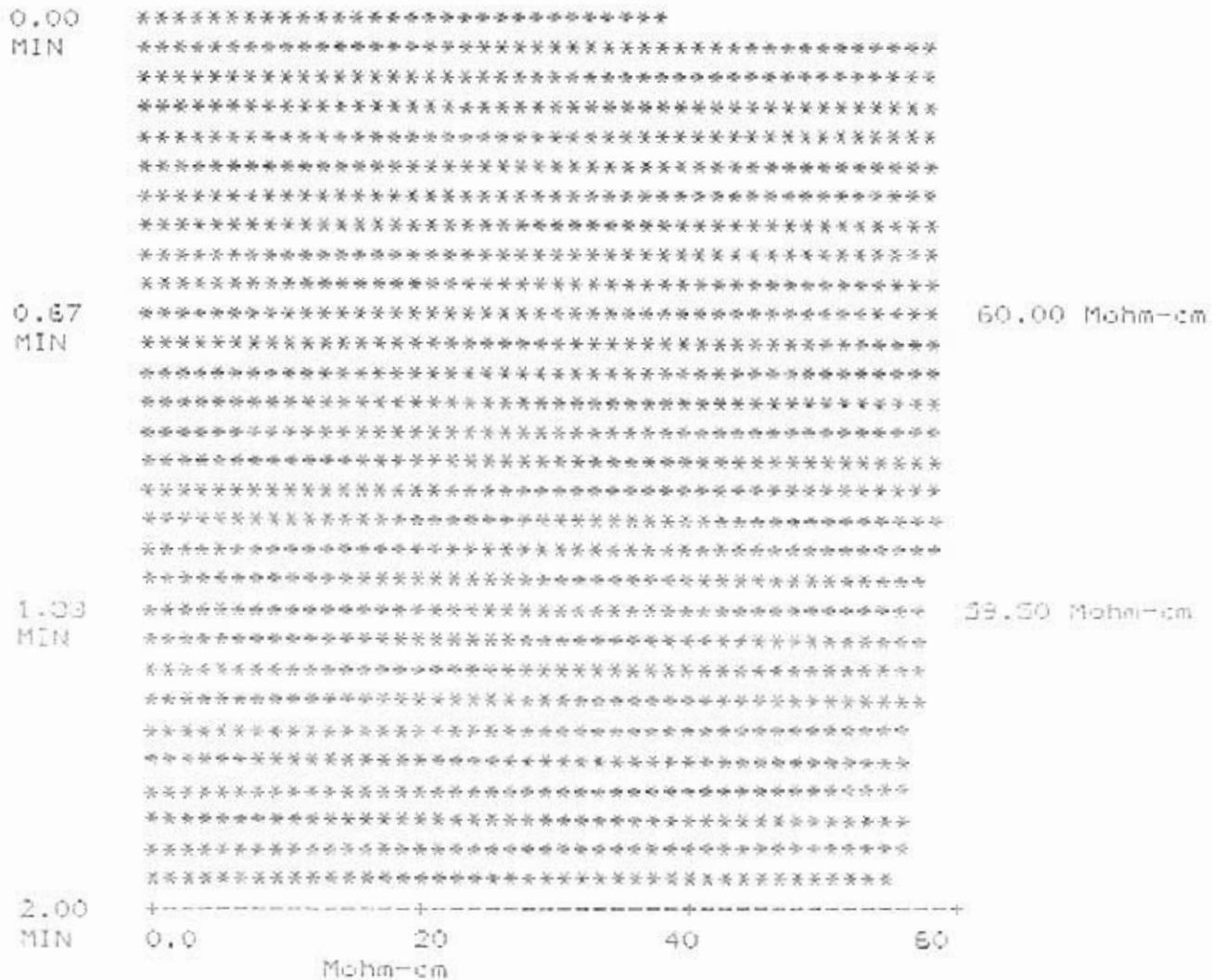
Operator : HANH  
06/18/05  
17:08:38

Test Type : Auto  
Test name : 'Manual Test'  
Board # GT118 has P A S S E D

TEST TIME : 2.00 min  
TEST VOLUME : 8820 ml  
BOARD AREA : 220.5 sq in  
COMP. AREA : 0.00 sq in  
VOL/SQ. IN : 40 ml/sq. in  
P/F LIMIT : 10.07 ug/sq in  
: 7.70 Mohm-cm

Initial Resistivity : 53.40 Mohm-cm  
NaCl Equivalence (Final) : 0.63 ug/sq in

TIME vs RESISTIVITY



Final Resistivity : 57.00 Mohm-cm  
NaCl Equivalence : 0.00 ug/sq in



# REWORK TRAVELER

SO NO: F17300	PART NO: SLAC LAT-DS-02388	REV: 57
---------------	----------------------------	---------

ASSEMBLY NAME: TPS CCA	QTY: 1
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(Original signed edition - RESERVES FOR COPYING) <i>[Signature]</i>							
APPROVAL	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
G. POZZI	4-18-05	G. HEFKIN	4-18-05	K. BERGTHOLDT	4/18/05	P. LUJAN	4-19-05
PREPARED BY	DATE	ENG MGR SUP.	DATE	QA MGR Eth.	DATE	SLAC SOURCE	DATE

STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	Record serial numbers: __ TPS LAT-DS-02388 SN GT- <u>118</u> GLAT- <u>1788</u>	<i>[Signature]</i>	04/23/05	
2	<b>OPERATOR: INSPECT FOR CLEANLINESS AND DEBRIS</b> USE A SOLUTION OF 75% ALCOHOL AND 25% DE-IONIZED WATER. PLACE BOARDS INTO SOLUTION AND USE A SOFT BRISTLE BRUSH TO REMOVE ALL SOLDER BALLS. VIEW BOARDS UNDER A 10X SCOPE AND RECLEAN UNTIL ALL SOLDER BALLS HAVE BEEN REMOVED. <b>NO SOLDER BALLS ALLOWED.</b>	<i>[Signature]</i>	05/04/05	
3	AQUEOUS CLEAN USING RECIPE #3	<i>[Signature]</i>	05/04/05	
4	<b>INSPECTION: INSPECT FOR BOARD CLEANLINESS. NO SOLDER BALLS ALLOWED.</b>		5/13/05	
5	SOURCE INSPECTION		5/13/05	






# REWORK TRAVELER

SO NO: F17300	PART NO: SLAC LAT-DS-02388	REV: 57
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ASSEMBLY NAME: TPS CCA	QTY: 1
------------------------	--------

APPROVAL			
G. POZZI <i>G. Pozzi</i>	G. HEFKIN	K. BERGTHOLDT <i>K. Bergtholdt to MKM</i>	P. LUJAN <i>P. Lujan</i>
PREPARED BY	DATE	ENG MGR	DATE
	<i>4-28-05</i>	<i>[Signature]</i>	<i>4/28/05</i>
		QA MGR	DATE
			<i>4/28/05</i>
		SLAC SOURCE	DATE
			<i>4-28-05</i>







STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	Record serial numbers: __ TPS LAT-DS-02388 SN GT- <u>118</u> GLAT- <u>1788</u>	 <i>[Signature]</i>	<i>04/01/05</i>	
2	OPERATOR: STAKE R22 PER CAA-LAT-DS-02388, STEP 40. CURE PER INSTRUCTION IN STEP 40	<i>P.D. 1946</i>	<i>4/29/05</i>	
3	INSPECTION: INSPECT FOR BOARD CLEANLINESS. NO SOLDER BALLS ALLOWED.		<i>5/16/05</i>	
	SOURCE INSPECTION		<i>5/13/05</i>	

# REWORK TRAVELER

SO NO: F17300	PART NO: LAT-DS-02388 TPS	REV: 57
---------------	---------------------------	---------

ASSEMBLY NAME: SLAC TPS	QTY: 19
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APPROVAL							
G. Pozzi <i>G. Pozzi</i>	4-25-05	G. Hefkin <i>G. Hefkin</i>	4-25-05	M. Mora <i>M. Mora</i>	4-25-05	P. Lujan <i>P. Lujan</i>	4-25-05
PREPARED BY	DATE	ENG MGR	DATE	QA MGR	DATE	Source Insp.	DATE









STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	RE - NCMR 2323. <i>run</i> Record serial numbers Affected: __ GT-104 Glat-1774 Thru GT-122 Glat-1792 __ Serial Number <u>GT118</u> <del>GLAT 1788</del>	 <i>Byf</i>	<i>04/25/05</i>	
2	REMOVE ALL CABLE TIE WRAPS ON HARNESSSES.	 <i>Byf</i>	<i>05/12/05</i>	
3	REPLACE ALL CABLE TIE WRAPS USING THE PANDUIT CABLE TIE WRAP TOOL ON SETTING "STANDARD", AT LEVEL "7".	 <i>Byf</i>	<i>05/12/05</i>	
4	TRIM CABLE TIES FLUSH TO THE STRAP HEAD ADD A DROP OF ADHESIVE TO THE CUT STRAP SO THAT THE ADHESIVE FLOWS DOWN INTO THE LOCKING MECHANISM. USE HYSOL 0151 ADHESIVE <i>REFER TO CAA LAT-DS-02388</i>	 <i>Byf</i>	<i>05/12/05</i>	
5	Hysol 0151 data:  DATE MIXED <u>05/12/05</u> Expiration Date <u>01/31/07</u> PO# <u>31403</u>	 <i>Byf</i>	<i>05/12/05</i>	
6	Inspection		<i>5/12/05</i>	
7	Source Inspection		<i>5/13/05</i>	

# REWORK TRAVELER

SO NO: F17300	PART NO: SLAC LAT-DS-02388 TPS	REV: 57
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SSEMBLY NAME: SLAC CCA'S	QTY: ALL
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<b>APPROVAL</b>							
G. POZZI	4-22-05	G. HEFKIN	4-22-05	BERGTHOLT	4/21/05	P. LUJAN	4-21-05
PREPARED BY	DATE	ENG MGR	QA MGR	PROD MGR	DATE	SOURCE	DATE

STEP	OPERATION	Operator	Date	Time spent
1	Record serial numbers: TPS LAT-DS-02388 SN's GT- <u>118</u> . GLAT- <u>1788</u>	BYP	04/22/05	
2	<p><b>OPERATOR:</b></p> <p>REMOVE Q10, Q11, AND Q12. USE THE HAKO FM202 PARALLET REMOVAL SOLDERING IRON WITH 5/16" BLADE TIPS</p> <p>PLACE PARTS INTO AN ESD BAG AND RECORD BOARD SERIAL NUMBER ON BAG.</p> <p>KEEP PARTS WITH REWORK TRAVELER THEN ROUT TO QUALITY ENGINEERING WITH A COPY OF THE REWORK TRAVELER.</p>	 MIP  MIP  MIP	4/25/05 4-28-05 4-28-05	
3	<p><b>OPERATOR:</b></p> <p>VERIFY PADS HAVE NO DAMAGE.</p>	 BYP 	05/02/05	
3	<p><b>OPERATOR:</b></p> <p>SOLDER Q10, Q11, AND Q12 ONTO BOARD</p> <p>USE THE METCAL SOLDERING IRON WITH A .5" BLADE TIP.</p>	 BYP	05/04/05	
4	<p><b>OPERATOR:</b></p> <p>HAND CLEAN BOARDS USING ALCOHOL.</p>	 BYP	05/04/05	
5	<p><b>INSPECTION:</b></p> <p>INSPECT PARTS FOR WORKMANSHIP AND BOARD CLEANLINESS</p>		5/12/05	
6	SOURCE INSPECTION		5/13/05	



4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

SSV/PNS LAT-DS-02831-01  
SSV, CABLE, TTS O/P PAR

WOB 113044  
REQ DATE 02-08-05  
REL DATE 02-02-05  
SOW  
PO# 0000048800

CUST #  
QTY 19  
PROJECT# T17300  
CUST# 19356

SERIAL NUMBER LISTING:.....

APPROVAL  
PROD: 2/19/05  
ON: 2-9-05

N/A

WORKMANSHIP:.....

ANSI Z-39-18 CLASS 3, OTHER:  
(DEFAULT WORKMANSHIP UNLESS INDICATED OTHERWISE)

LOT NO.	LOT QTY	SERIAL NUMBERS	SEQ NO	REASON	APPRV DATE
A <sup>1</sup>	18	N/A	3		mm 3/4/05
B	4	N/A	3	To mck.	mm 3/2/05
A <sup>2</sup>	2	N/A	6	To move	mm 3/18/05
A <sup>1B</sup>	2	N/A	7	To move	mm 3/23/05
A <sup>1A2</sup>	6	N/A	7	To move	mm 3/31/05

(Wobdr rev 05.19.04 gih)

LINE DEPT MACH# OP# DESCRIPTION..... HOURS  
SET UP RUN... LINE MACH ST LOT



1 200 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000  
CONFIG

\*\*\*\*\* CONFIGURATION DOCUMENTS \*\*\*\*\*  
 ASSY & PL: LAT-DS-02831 DOCUMENT NUMBER REV FD/PL OUTSTANDING EQ'S  
 (REFERENCE ASSY/PL LAT-DS-02388 FOR REV APPLICATION ROT)  
 TEST SPEC: N/A E2 NONE  
 ASSY AID: N/A  
 CUSTOMER NAME: SLAC  
 USE... TRAVELLER AND DRAWING  
 (REV D1/PREP'D BY: GH (DATE)DATE 02.03.05

DATE	QTY	REMARKS	STATUS
<u>2-9-05</u>			<u>mm</u>



KON: WLD: 4-MIXED

CUSTOMER: SLAC

DYF: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

ASSY/PNH LAT-DS-02831-01  
ASSY, CABLE, TPS O/P PWR

WO# 112044  
REQ DATE 02-08-05  
REL DATE 02-03-05  
SCH  
PO# 0000048600

CUST PY  
QTY 19  
PROJECT# F17100  
CUST# 15356

LI# DEST MACH# OP# DESCRIPTION..... H O U R S  
SET-UP RUN... LINE-MACH ST-LOT.



2 201 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000  
KIT PARTS/MATERIALS

\* WIRE, CRIMP PINS, CONNECTOR, AND RTV.

DATE	QTY	REMARKS	STATUS
2/19/05	19		

*[Handwritten signature]*

NO CALL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

ASSY/PN# LAT-DS-02831-01  
ASSY. CADLE, TPS D/P PWR

WO# 112044  
REQ DATE 02-08-05  
REL DATE 02-02-05  
SCH  
PO# 0000048800

CUST P#  
QTY 19  
PROJECT# P17300  
CUST# 15356

LINE DEPT MACH# OP# DESCRIPTION... HOURS  
SET-UP RUN... LINE-MACH ST-LOT



3 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
CUT WIRE, STRIP WIRE,  
CRIMP SOCKET CONTACTS,  
TIN LEADS.

\* CRIMP TEST SETUP \* GTC-2081.

CUT 6 PIECES OF WIRE 8" TO 9" LONG, FOR FULL TESTS.  
USE 3 PCS EACH FOR PRE-CRIMP AND POST-CRIMP TESTS.

\* STRIPPING METHOD -- ALL ASSEMBLY AND TEST ACTIVITY...

USE SCHEMATIC ENERGETIC WIRE STRIPPER SET UP WITH  
24 ANG STRIP BLADES, A STRIP LENGTH OF 1/16"  
AND LEAVES THE INSULATION SLUG IN PLACE.

350  
EUBANKS EM44LIMODEL #4900-CIM  
7/16 (.188)

\* PRE-ASSY CRIMP TEST...

STRIP AND CRIMP THREE CONTACTS USING TEST WIRE. TEST THE  
SAMPLE CRIMPS PER GTC-2081. RECORD RESULTS. IF FAIL,  
CONTACT ENGINEERING.

CRIMP TEST: BY: RM1970 DATE: 2/16/05 STATUS Pass Crimp Tensile strength proper attach  
Plus

\* ASSEMBLY ACTIVITY...

- 1) FEED WIRE DIRECTLY OFF THE SPOOL TO THE STRIPPER.
- 2) STRIP THE INSULATION LEAVING THE SLUG, ~~W/SLUG~~ 7/16 (.188) 2-15-05
- 3) CUT THE WIRE OFF AT THE INDICATED LENGTH, AND QUANTITY.  
\* CUT 78 WIRES TO 8-1/2" (8.50") LONG.
- 4) STRIP SECOND END USING THERMAL TWEEZERS, 1/4".
- 5) TIN SECOND END BY SOLDER DIP. CLEAN WITH ALCOHOL.
- 6) FULL INSULATION SLUG AND CRIMP CONTACT (22D) ONTO LEAD.  
USE M22520/2-01 CRIMPER W/ M22520-2-08 TURRET/LOCATOR.  
K-41

3.16.05 crimp test H.G.#1941 pre-assy  
3.17.05 crimp test H.G.#1941 pre-assy  
3.16.05 post assy crimp test H.G.#1941

\* POST-ASSY CRIMP TEST...

STRIP AND CRIMP THREE CONTACTS USING TEST WIRE. TEST THE  
SAMPLE CRIMPS PER GTC-2081. RECORD RESULTS. IF FAIL,  
CONTACT ENGINEERING.

CRIMP TEST: BY: RM1970 DATE: 2/16/05 STATUS Pass

DATE	QTY	REMARKS	STATUS
2/15/05	4	78 wires x 4 = 312	RM1970
3.17.05	2	156 wires	
3/16/05	1	4 tests	389

- 3.22.05 strip, tin, crimp H.G.#1941 (133)
- 3.27.05 strips H.G.#1941 (815)
- 3.23.05 crimp, tin, clean H.G.#1941 (492)
- 3.28.05 tin & clean H.G.#1941 (315)

ASSY/PWR LAT-DS-02831-01  
ASSY, CABLE, TFS O/P PWR

WOB 112044  
REQ DATE 02-08-05  
REL DATE 02-02-05  
SOW  
POB 0000048800

CUST PT  
QTY 19  
PROJECT# P17300  
CUST# 15356

DEPT MACHS OFF DESCRIPTION..... HOURS  
SET-UP RUN... LINE-MACH ST-LOT



4 290 00 QUALITY ASSURANCE AREA  
OFF: SLDR-78 ASSY-312 0.0000 0.0000 0.0000

- \* INSPECT WIRE COUNT, STRIPS, CRIMPS, TINNING, AND CLEANING.
- \*\* RECORD DEFECT RECORD REPORT NUMBER(S) BELOW.

DR#(S)

DATE	QTY	REMARKS	STATUS
2/17/05	4	78 wires x 4	
<del>2-17-05</del>	<del>23</del>	<del>156 wires</del>	
3/17/05	2	dup of crimps	



5 210 00 CCA/BLACK BOX ASSY AREA  
INSERT WIRE/CONTACTS TO CONNECTOR 0.0000 0.0000 0.0000

- \* INSERT TERMINATED WIRES TO CONNECTOR IN ALL POSITIONS. ASSURE CONTACT IS SEATED AND LOCKED INTO CONNECTOR.

DATE	QTY	REMARKS	STATUS
2/17/05	4		
3-17-05	2		
3-24-05	2		

H.G.#1441  
checked strips 375 wires 3/22/05  
+ 1140  
checked crimps & tin 3/24/05  
checked wires for tinning 315 Em 574  
492



6 290 00 QUALITY ASSURANCE AREA  
OFF: SLDR-0 ASSY-78 0.0000 0.0000 0.0000

- \* INSPECT LEAD AND CONTACT INSERTION TO CONNECTOR.
- \*\* RECORD DEFECT RECORD REPORT NUMBER(S) BELOW.

DR#(S)

DATE	QTY	REMARKS	STATUS
2/17/05	4	Inspect step 5	
3/17/05	2		
3/24/05	2		
3-25-05	6	check socket retention	
4/21/05	5	" " "	

RM 1970  
H.G.#1441  
H.G.#1441  
3-25-05 (6) H.G.#1441



NO LL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/PNS LAT-DS-02331-01  
ASSY, CABLE, TPS O/P PAR

WO# 112044  
REQ DATE 02-08-05  
REL DATE 02-02-05  
SQ#  
PO# 0000048800

CNST 26  
QTY 19  
PROJECT# 817300  
CUST# 15356

PAGE 5

LINE DEPT MACH# OP# DESCRIPTION..... HOURS  
SET-UP RUN... LINE-MACH ST-LOT



7 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0300 0.0000  
POT WIRES AT CONNECTOR.

- \* APPLY RTV, D06-1104, TO WIRES EXITING CONNECTOR SHELL, FROM THE SHELL DOWN THE WIRES 1/2" (.5").
- \* TRANSFER RTV TO AN EPD SYRINGE TUBE, OR PLUNGER TYPE SYRINGE, TO AID APPLICATION.
- \* ALIGN WIRES WITH KAPTON TAPE IN AN AREA ABOUT 2 TO 4 INCHES AWAY FROM THE CONNECTOR. THIS IS INTENDED TO KEEP WIRES COMING STRAIGHT OUT OF THE CONNECTOR, AS AN AID FOR LATER TERMINATION TO THE CCA.
- \* APPLY RTV TO CONNECTOR BACKSHELL SURFACE, AT INSIDE ROWS, FIRST, WORKING OUT, AND UP, TO THE APPROXIMATE 1/2" POINT.
- \* RECORD RTV MATERIAL PO# AND EXPIRATION DATE BELOW:  
PO# 31695 EXP DATE 07/10/05
- \* CURE APPLIED RTV IN OVEN FOR 2 HOURS AT 170 DEG F (60 C).
- \* RECORD CURE DATE, START/STOP TIME BELOW:

DATE \_\_\_\_\_ START \_\_\_\_\_ STOP \_\_\_\_\_

DATE	QTY	REMARKS	STATUS
3/24/05	2		Am 12/2
3/28/05	6	same lot of RTV used as above	V.6-1941
4/23/05	6		12/12/05



8 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000  
OP#: SLDR-3 ASSY-7

- \* INSPECT POITING/CURING OF LEAD ASSEMBLY.
- \*\* RECORD DEFECT RECORD REPORT NUMBER(S) BELOW.
- DRR#(S) \_\_\_\_\_
- \* ROUTE FOR WO CLOSURE AND NEXT ASSY - LAT-DS-02388.

DATE	QTY	REMARKS	STATUS
4/23/05	5		



NO. ORDER : 112044

( NEW )

WORK ORDER PICK LIST

PAGE: 1

ASSEMBLY # : LAT-DS-02831-01  
WO QUANTITY : 19  
WIP LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE: 02-09-05  
RELEASE DATE : 02-02-05  
DATE PRINTED : 02-09-05

DATE PULLED: \_\_\_\_\_

PULLED BY: \_\_\_\_\_

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RESV IN	INVLOC	LOT NUMBER	INVENTORY DETAIL				
			QUANTITY	STAT				QUANTITY	LOT	LOT DATE	BIN	QUANTITY
1	206507-1 CONN (21P407-SS-B-15) ORIGINAL QUANTITY...	EA	100	RSVD	19.00		SKCF2 FN-1	0.00				
<p>The following parts have been defined as alternates for 206507-1:            Line 1.1 311P407-SS-B-15 1 PER            Partial quantity replacements are allowed.</p> <p><i>5 JBLAT-DS-02831 107 # 114947</i></p>												
2	M22259/11-24-9 WIRE 24AWG, WHITE ORIGINAL QUANTITY...	IN	16340.00	RSVD	16340.00	115299	SKCF2 FN-3	16340.00	11-01-04	LOT1152		
3	206071-1 CONTACT (206071-1) ORIGINAL QUANTITY...	EA	26.84	RSVD	510.00		SKCF2 FN-2	0.00				
<p>The following parts have been defined as alternates for 206071-1:            Line 3.1 G0881 1 PER            Partial quantity replacements are allowed.</p>												
3.1	G0881 CONTACT (206071-1) ORIGINAL QUANTITY...	EA	51.16	RSVD	972.00	115021	SKCF2 FN-2	972.00	09-27-04			
<p>This line is an alternate part for line 3 G0881 is used in a 1 to 1 ratio to 206071-1. Partial quantity replacements are allowed.</p>												
4	DC6-1104 ADHESIVE ORIGINAL QUANTITY...	OZ	1.00	RSVD	19.00		SKCF2 REQUIREMENT SHOWS ON LAT-DS-02831. APPLY HERE.	0.00				

0710

## CRIMP TENSILE STRENGTH LAT-05-02831-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Rhonda Marlow 1970	TEST DATE
CONTACT PN:	206071-1	2-16-05
WIRE PN:	M22759/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A830)	Rhonda Marlow
DIE/LOCATOR PN (GTC Tool #):	M22520/2-06 (GTC-A834)	WORK ORDER NO.
SELECTOR VALUE:	3	112044
TEST EQUIP # (Last CAL date):	ALPHA T200 MP 2004 (6.17.04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

## OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.5	13.8	13.6
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL
	Type of Separation Observed		
SLIP (pull out) (a)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)			
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)			
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			
SPECIAL INSTRUCTIONS (as reqd):			

1000

## CRIMP TENSILE STRENGTH

LAT-DS-02831-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	1	TEST DATE
CONTACT PN:		2/16/05
WIRE PN:		TESTED BY
CRIMP TOOL PN (GTC Tool #):	(GTC- )	RHODA MARSHALL
DIE/LOCATOR PN (GTC Tool #):	(GTC- )	WORK ORDER NO.
SELECTOR VALUE:		112044
TEST EQUIP # (Last CAL date):	( )	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

## OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.7	13.6	13.6
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL
	Type of Separation Observed		
SLIP (pull out) (a)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)		<input checked="" type="checkbox"/>	
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)			
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			
SPECIAL INSTRUCTIONS (as reqd):			

7:15 a.m.

**CRIMP TENSILE STRENGTH** CAT-AS-02831-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<b>PRE</b> - PROD	POST - PROD	
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1 <sup>st</sup> 1941		TEST DATE
CONTACT PN:	2060H-1		3.17.05
WIRE PN:	M72759 / 11-74-9		TESTED BY
CRIMP TOOL PN (GTC Tool #):	M72520 12-01 (GTC A-1012)		Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M72520 12-06 (GTC A-190)		WORK ORDER NO.
SELECTOR VALUE:	3		112044
TEST EQUIP # (Last CAL date):	Alpha 111-700A (6.17.04)		
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:	

**OBSERVATIONS/VALUES**

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	12.4	12.9	13.4
PASS/FAIL (circle test result)	<b>PASS</b>	FAIL	<b>PASS</b>

Type of Separation Observed

	No. 1	No. 2	No. 3
SLIP (pull out) (a)			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)	✓	✓	
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)			✓
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			

SPECIAL INSTRUCTIONS (as req):

11:10 P.M.

## CRIMP TENSILE STRENGTH CAT-05-02831-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<b>PRE</b> - PROD	POST - PROD						
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1#1941	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>TEST DATE</td> <td>3.16.05</td> </tr> <tr> <td>TESTED BY</td> <td>Herbie Gray</td> </tr> <tr> <td>WORK ORDER NO.</td> <td>117044</td> </tr> </table>	TEST DATE	3.16.05	TESTED BY	Herbie Gray	WORK ORDER NO.	117044
TEST DATE	3.16.05							
TESTED BY	Herbie Gray							
WORK ORDER NO.	117044							
CONTACT PN:	206071-1							
WIRE PN:	M22759 / 11-24-9							
CRIMP TOOL PN (GTC Tool #):	M22520 / 201 (GTC #1092)							
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-06 (GTC #692)							
SELECTOR VALUE:	3							
TEST EQUIP # (Last CAL date):	Alphatron MPT-200A (6-18-04)							
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:						

### OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.4	13.3	13.4
PASS/FAIL (circle test result)	<b>PASS</b> FAIL	<b>PASS</b> FAIL	<b>PASS</b> FAIL
Type of Separation Observed			
SLIP (pull out) {a}			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) {b}		✓	✓
CONTACT BROKEN IN CRIMP AREA (some or all) {c}			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) {d}	✓		
CONTACT BROKEN OUTSIDE OF CRIMP AREA {e}			
OTHER (define) {f}			

SPECIAL INSTRUCTIONS (as reqd):

1:15 p.m.

**CRIMP TENSILE STRENGTH** CAT-DS-02831-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<b>PRE</b> PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Debra M 1#1262	TEST DATE
CONTACT PN:	20671-1	3.16.05
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M72520 / 7-01 (GTC 11011)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M72520 / 2-06 (GTC 1853)	WORK ORDER NO.
SELECTOR VALUE:	3	117044
TEST EQUIP # (Last CAL date):	Adaptor MPT-200A (6/7/04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

**OBSERVATIONS/VALUES**

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.5	13.4	13.4
PASS/FAIL (circle test result)	<b>PASS</b>	FAIL	<b>PASS</b>
	Type of Separation Observed		
SLIP (pull out) (a)			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)			✓
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)	✓	✓	
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			

SPECIAL INSTRUCTIONS (as reqd):

10:36 a.m.

for build of (e)

### CRIMP TENSILE STRENGTH CAT-DS-02834-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	<b>POST</b> PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1#1941	TEST DATE
CONTACT PN:	20671-1	3-18-05
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC 1102)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-06 (GTC 1102)	WORK ORDER NO.
SELECTOR VALUE:	3	112044
TEST EQUIP # (Last CAL date):	Alcatel MPF200A (6/17/04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

### OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.6	13.6	13.4
PASS/FAIL (circle test result)	<b>PASS</b> FAIL	<b>PASS</b> FAIL	<b>PASS</b> FAIL
Type of Separation Observed			
SLIP (pull out) (a)			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)	✓		
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)		✓	✓
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			

SPECIAL INSTRUCTIONS (as reqd):



11:00 a.m.

Build A (12)

### CRIMP TENSILE STRENGTH CAT-DS-02281-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<input checked="" type="radio"/> PRE-PROD	<input type="radio"/> POST-PROD
CRIMP OPERATOR NAME/EMP #:	Harvie Gray 1#141	TEST DATE
CONTACT PN:	206071-1	3-22-05
WIRE PN:	M22520/11-249	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC # 192)	Harvie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-06 (GTC # 933)	WORK ORDER NO.
SELECTOR VALUE:	3	112044
TEST EQUIP # (Last CAL date):	Aluminum MPF-200A (6/7/04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

### OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.4	13.4	13.4
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL
	Type of Separation Observed		
SLIP (pull out) (a)			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)			
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)	✓	✓	✓
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			
SPECIAL INSTRUCTIONS (as reqd):			

## CRIMP TENSILE STRENGTH

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Hester Gray #1941	TEST DATE 3.23.05 TESTED BY Hester Gray WORK ORDER NO. 112044
CONTACT PN:	206071-1	
WIRE PN:	M22759 11-24-9	
CRIMP TOOL PN (GTC Tool #):	M22520 7-01 (GTC #1012)	
DIE/LOCATOR PN (GTC Tool #):	M22520 7-00 (GTC #833)	
SELECTOR VALUE:	3	
TEST EQUIP # (Last CAL date):	Alpertech-2001 (6/2/01)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

### OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.1	13.7	13.4
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL
	Type of Separation Observed		
SLIP (pull out) (a)			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)			
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)	✓	✓	✓
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			

SPECIAL INSTRUCTIONS (as reqd):

**CRIMP TENSILE STRENGTH** Assy-LAT-DS-02831-01  
MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<b>PRE-PROD</b>	<b>POST-PROD</b>
CRIMP OPERATOR NAME/EMP #:	Martha Villa <sup>1</sup> 1742	TEST DATE
CONTACT PN:	206071-1	4-20-05
WIRE PN:	M22759/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520-2-01 (GTC-A 833)	Martha Villa
DIE/LOCATOR PN (GTC Tool #):	M22520-2-06 (GTC-A 833)	WORK ORDER NO.
SELECTOR VALUE:	3	112044
TEST EQUIP # (Last CAL date):	7-6-05	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

**OBSERVATIONS/VALUES**

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10.0	10.0	10.0
MEASURED TENSILE STRENGTH:	12.6	12.5	12.6
PASS/FAIL (circle test result)	<b>PASS</b> FAIL	<b>PASS</b> FAIL	<b>PASS</b> FAIL
	Type of Separation Observed		
SLIP (pull out) (a)	✓	✓	✓
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)			
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)			
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			
SPECIAL INSTRUCTIONS (as reqd):			

# CRIMP TENSILE STRENGTH Assy-LA-03-02831-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	<u>POST - PROD</u>
CRIMP OPERATOR NAME/EMP #:	Martha Villa / 1742	TEST DATE
CONTACT PN:	206071-1	4-20-05
WIRE PN:	m 22759 / 11-24 9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	m 22502 / 2-01 (GTC # 833)	Martha Villa
DIE/LOCATOR PN (GTC Tool #):	m 22520-206 (GTC # 833)	WORK ORDER NO.
SELECTOR VALUE:	3	112044
TEST EQUIP # (Last CAL date):	7-6-05 ( )	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

## OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10.0	10.0	10.0
MEASURED TENSILE STRENGTH:	13.6	13.4	13.4
PASS/FAIL (circle test result)	<u>PASS</u> FAIL	<u>PASS</u> FAIL	<u>PASS</u> FAIL
	Type of Separation Observed		
SLIP (pull out) (a)	✓	✓	
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)			✓
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)			
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			
SPECIAL INSTRUCTIONS (as reqd):			

DRK CELL: 4-MIXED

CUSTOMER: SLAC

YPC ORIENTATION

WORK ORDER TRAVELISM NEW

PAGE 1

SS. OF LAT-DS-02830-01  
SSY, CADIE, TFS 1/P 147

WOB 112043  
REQ DATE 02-02-05  
REL DATE 02 01 05  
SQB  
POS 0000048900

CUST #  
QTY 17  
PROJECTS V1/300  
CUST# 15356

SERIAL NUMBER LISTING

N/A

APPROVAL  
PROD: YH 2/3/05  
QA: MJA 2.9.05

WORKMANSHIP

ANSI-J-STD-001C CLASS 3; OTHER;  
(DEFAULT WORKMANSHIP UNLESS INDICATED OTHERWISE, ABOVE)

LOT NO.	LOT QTY	SERIAL NUMBERS	SEQ NO.	REASON	APPRV LDATE
A <sup>1</sup>	13	N/A	6		mm 3/1/05
B	4	N/A	6	to move	mm 3/1/05
A <sup>2</sup>	2	N/A	6	to move	mm 3/1/05

(wobdr rev 05.19.04 g1h)

LINE DEPT MACH# OP# DESCRIPTION SET-UP RUN HOURS LINE-MACH ST-LOT



00 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000

\*\*\*\*\* CONFIGURATION DOCUMENTS \*\*\*\*\*  
 DOCUMENT NUMBER REV FD/PL OUTSTANDING EO'S  
 ASSY & PL: LAT-DS-02830 53 NONE  
 REFERENCE ASSY/PL: LAT-DS-02389 FOR RTV APPLICATION ROT!  
 TEST SPEC: N/A  
 ASSY AID: N/A  
 CUSTOMER NAME: SLAC  
 \*\*\*\*\* BUILD DOCUMENTS \*\*\*\*\*  
 USE... TRAVELER AND DRAWING  
 (REV'D)/PREP'D BY: GH (DATE)DATE: 02.03.05



DATE... QTY... REMARKS... STATUS

2-P-01

MJA

WORK CELL: 4-MIXED

CUSTOMER: SLAC

7 PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

ASSY/PNS LAT-DS-02810-01  
ASSY, CABLE, TPS I/P PWR

WOB 112043  
REQ DATE 02-05-05  
REL DATE 02-03-05  
SOF  
PO# 0600048900

CUST #  
QTY 19  
PROJECT# P17300  
CUST# 15356

.....  
LI# DEPT MACH# OP# DESCRIPTION..... HOURS  
SET-UP RUN .. LINE-MACH ST LOT



2 201 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000  
KIT PARTS/MATERIALS

\* WIRE, CRIMP PINS, CONNECTOR, AND RTV.

DATE	QTY	REMARKS	STATUS
2/19/05	19		

*Handwritten signature/initials*

ASSY/PNS LAT-DS-02830-01  
ASSY, CABLE, TFS I/P IWR

WOB 112043  
RDO DATE 02-09-05  
REL DATE 02-03-05  
SO#  
PO# 0000048800

CUST P#  
QTY 10  
PROJECT# F17300  
CUST# 18356

LINE DEPT MACH# OPS DESCRIPTION..... HOURS  
SET-UP RUN... LINE-MACH ST-LOT



3 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
CUT WIRE, STRIP WIRE,  
CRIMP PIN CONTACTS,  
TIN LEADS.

..... THIS LEAD ASSY USES TWISTED-PAIR (RED/WHT) WIRE .....

\* CRIMP TEST SETUP - GTC-2081.

CUT 6 PIECES OF WIRE @ 6" TO 9" LONG, FOR PULL TESTS.  
USE 3 PCS EACH FOR PRE-CRIMP AND POST-CRIMP TESTS.

\* STRIPPING METHOD -- ALL ASSEMBLY AND TEST ACTIVITY...

... USE SCHMIDTNER ENSEMBLIC WIRE STRIPPER SET UP WITH  
24 AWG STRIP BLADES. A STRIP LENGTH OF 1/8" (.125"),  
AND LEAVES THE INSULATION SLUG IN PLACE.

\* PRE-ASSY CRIMP TEST...

STRIP AND CRIMP THREE CONTACTS USING TEST WIRE. TEST THE  
SAMPLE CRIMPS PER GTC-2081. RECORD RESULTS. IF FAIL,  
CONTACT ENGINEERING.

CRIMP TEST: BY: PM1970 DATE: 2/17/05 STATUS Pass

\* ASSEMBLY ACTIVITY...

- 1) FEED WIRE DIRECTLY OFF THE SPOOL TO THE STRIPPER.
- 2) STRIP THE INSULATION LEAVING THE SLUG, (1/8" (.125")).
- 3) CUT THE WIRE OFF AT THE INDICATED LENGTH, AND QUANTITY.  
\* CUT 10 PAIRS TO 9-1/2" (9.50") LONG.
- 4) STRIP SECOND END USING THERMAL TWEEZERS, 1/4".
- 5) TIN SECOND END BY SOLDER DIP. CLEAN WITH ALCOHOL.
- 6) PULL INSULATION SLUG AND CRIMP CONTACT (220) ONTO LEAD.  
USE M22520-2-01 CRIMPER W/ M22520-2-09 TURRET/LOCATOR.

\* POST-ASSY CRIMP TEST...

STRIP AND CRIMP THREE CONTACTS USING TEST WIRE. TEST THE  
SAMPLE CRIMPS PER GTC-2081. RECORD RESULTS. IF FAIL,  
CONTACT ENGINEERING.

CRIMP TEST: BY: PM1970 DATE: 2/18/05 STATUS Pass

DATE	QTY	REMARKS	STATUS
2/18/05	4	4 sets of 10	PM1970
3/8/05	1	1 set of 10 (Rework)	CVD1920
3/17/05	2	2 set of 10	MV, DM, mm-168
3-16-05	4	set of 10	MV 1747
3/16/05		4 sets of 10 strip only	

ECIBANKS SMALL MACHZ #4900-  
1/16 (100%)  
1/16 (100%)

1/16: 3.8.05 #1941  
K.H. 3/3/05  
205 (Q.A.)

WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/PN: 1AT-DS-02810-01  
ASSY. CABLE. TPS 1/P 1/W2

WOP: 112043  
REQ DATE 03-09-05  
REL DATE 03-03-05  
SQ#  
PO# 0000248800

CUST #  
CITY 10  
PROJECT# F17300  
CUST# 15356

PAGE 4

LI# DEPT MACH# OP# DESCRIPTION..... H O U R S  
SET-UP RUN... LINE-MACH ST-LOT



4 200 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000  
OP#: SLDR-20 ASSY-R0

- \* INSPECT WIRE COUNT, STRIPS, CRIMPS, TINNING, AND CLEANING.
- \*\* RECORD DEFECT RECORD REPORT NUMBER(S) BELOW.

DRR#(S) 29547

DATE	QTY	REMARKS	STATUS
<u>2/22/05</u>	<u>40</u>	<u>30</u>	<u>OK</u>
<u>3/7/05</u>	<u>10</u>	<u>Restripped ok</u>	<u>SLV</u>



5 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
INSERT WIRES AND CONTACTS TO CONNECTOR

- \* INSERT TERMINATED WIRES TO CONNECTOR IN POSITIONS 1-20.

WIRE PAIR	CLR	PIN#
PAIR #1	WHT	1
	RED	2
PAIR #2	WHT	3
	RED	4
PAIR #3	WHT	5
	RED	6
PAIR #4	WHT	7
	RED	8
PAIR #5	WHT	9
	RED	10
PAIR #6	WHT	11
	RED	12
PAIR #7	WHT	13
	RED	14
PAIR #8	WHT	15
	RED	16
PAIR #9	WHT	17
	RED	18
PAIR #10	WHT	19
	RED	20

- \* FILL THE REMAINING OPEN POSITIONS WITH AN UNUSED CONTACT. (REMAINING OPEN LOCATIONS - 21, 22, 23, 24, 25, 26.)

ASSURE CONTACT IS SEATED AND LOCKED INTO CONNECTOR.

DATE	QTY	REMARKS	STATUS
<u>3-8-05</u>	<u>1</u>	<u>complete</u>	<u>H-6 #1941</u>
<u>3-15-05</u>	<u>2</u>	<u>complete</u>	<u>H-6 #1941</u>



WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 5

ASSY/PN# LAT-DS-02530-01  
ASSY. CABLE, TFS 1/P PWR

WOP 112043  
REQ DATE 02-09-05  
REL DATE 02-01-05  
SOP  
PO# 0000048800

CUST P#  
QTY 10  
PROJECT# PL7300  
CUST# 15356

LINE DEPT MACH# OP# DESCRIPTION..... HOURS  
SET-UP RUN LINE-MACH ST-LOT



4 200 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000  
OFF: SLDR-0 ASSY 26

- \* INSPECT LEAD AND CONTACT INSERTION TO CONNECTOR.
- \*\* RECORD DEFECT RECORD REPORT NUMBER(S) BELOW.

ERR#(S)

DATE	QTY	REMARKS	STATUS
3/8/05	1		KH.285

3/9/05 3



7 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
POT WIRES AT CONNECTOR.

- \* APPLY RTV, DGE-1104, TO WIRES EXITING CONNECTOR SHELL, FROM THE SHELL DOWN THE WIRES 1/2" (1.5").
- \* TRANSFER RTV TO AN EPD SYRINGE TUBE, OR PLUNGER TYPE SYRINGE, TO AID APPLICATION.
- \* ALIGN WIRES WITH KAPTON TAPE IN AN AREA ABOUT 2 TO 4 INCHES AWAY FROM THE CONNECTOR. THIS IS INTENDED TO KEEP WIRES COMING STRAIGHT OUT OF THE CONNECTOR, AS AN AID FOR LATER TERMINATION TO THE CCA.
- \* APPLY RTV TO CONNECTOR BACKSHELL SURFACE, AT INSIDE ROWS FIRST, WORKING OUT, AND UP, TO THE APPROXIMATE 1/2" POINT.

\* RECORD RTV MATERIAL P/N AND EXPIRATION DATE BELOW:

P/N 31695 EXP. DATE 7-10-2005

\* TIME APPLIED RTV IN OVEN FOR 2 HOURS AT 170 DEG F (40 C).

\* RECORD CURE DATE, START/STOP TIME BELOW:

DATE START STOP

DATE	QTY	REMARKS	STATUS
3-16-05	2		ME/PM 1212

CLEAR Defect Report #2954  
for 8 wires  
Mason 2-25-05

3-14-05 22 11 post Cripps  
will find and log for



air cured overnight.  
MC 3-17-05

WORK CELL: A-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/PK# LAT-DS-0281C-01  
ASSY. CABLE, TPS I/P FWR

WOB 110043  
REQ DATE 02-03-05  
REL DATE 02-03-05  
SOF  
PO# 0000048900

INVT #  
QTY 19  
PROJECT# P17300  
CUST# 15354

PAGE 4

LI# DEPT MACH# OP# DESCRIPTION..... HOURS  
SET-UP RUN... LINE-MACH ST-LOT.



8 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000  
OP# SLDR-0 ASSY-7

- \* INSPECT POTTING/CURING OF LEAD ASSEMBLY.
- \*\* RECORD DEFECT RECORD REPORT NUMBER(S) BELOW.

DR#(S) \_\_\_\_\_

- \* ROUTE FOR WO CLOSURE AND NEXT ASSY - LAT-DS-02388.

DATE	QTY	REMARKS	STATUS
3/17/05	2		



WORK ORDER : 112043

( NEW )

WORK ORDER PICK LIST

PAGE: 1

7 SLY # : LAT-DS-02830-01  
QTY : 19  
W LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE: 02-08-05  
RELEASE DATE : 02-01-05  
DATE PRINTED : 02-09-05

DATE PULLED: \_\_\_\_\_

PULLED BY: \_\_\_\_\_

LINE #	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RESV IN	LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL			
			QUANTITY	STAT					QUANTITY	QUANTITY	LOT DATE	LOT #
1	206500-1 CONN (311P407-2P-B-15) ORIGINAL QUANTITY...	EA	1.00	BO	19.00			SKCF2 FN-1		0.00		
<p>The following parts have been defined as alternates for 206500-1:            L1# 1.1 311P407-2P-B-15 1 PER            Partial quantity replacements are allowed.</p> <p><i>Handwritten: S/B LAT-D? (02830)</i></p>												
2	M22759/11-24-2/9 WIRE, 24AWG RED/WHIT ORIGINAL QUANTITY...	IN	300.00	REVD	5700.00	115300		SKCF2 FN-2	115300	11997.00	10-01-04	
<p><i>Handwritten: 500 in</i></p>												
3	204370-8 PIN, CRIMP ORIGINAL QUANTITY...	EA	20.00	REVD	380.00	114796		SKCF2 FN-3	114796	401.00	09-23-04	IN ASSY
<p>The following parts have been defined as alternates for 204370-8:            L1# 3.1 CCSP: 1 PER            Partial quantity replacements are allowed.</p> <p><i>Handwritten: 380</i></p>												
								FN-3	115041	12.00	09-27-04	F17200
<p><i>Handwritten: 0</i></p>												
4	DC6-1104 ADHESIVE ORIGINAL QUANTITY...	OZ	1.00	BO	19.00			SKCF2 REQUIREMENT SHOWS ON LAT DS-02830. APPLY HERE.		0.00		
<p><i>Handwritten: 0</i></p>												

Assy

# CRIMP TENSILE STRENGTH LAT-DB 02830-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	<b>POST - PROD</b>
CRIMP OPERATOR NAME/EMP #:	Martha Villa 1191	TEST DATE
CONTACT PN:	204370-8	3-16-05
WIRE PN:	1121159/11-21-2/9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	1120530 12-01 (GTC-41014)	112043
DIE/LOCATOR PN (GTC Tool #):	1120530 12-01 (GTC-1831)	WORK ORDER NO.
SELECTOR VALUE:	3	Martha Villa
TEST EQUIP # (Last CAL date):	( )	

PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:	
------------	----------------------	------------------	--

## OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10.0	10.0	10.0
MEASURED TENSILE STRENGTH:	12.6	12.5	12.4
PASS/FAIL (circle test result)	<b>PASS</b>	FAIL	<b>PASS</b>
		<b>PASS</b>	FAIL
			<b>PASS</b>
			FAIL
	Type of Separation Observed		
SLIP (pull out) (a)			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)	✓	✓	✓
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)			
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			

SPECIAL INSTRUCTIONS (as reqd):

Assy #

# CRIMP TENSILE STRENGTH LAT-DS-02830-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<b>PRE - PROD</b>	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Martha Villa 1743	TEST DATE
CONTACT PN:	204310-8	3-14-05
WIRE PN:	M33754/11-24-2/9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M33530A 01 (GTC-A101)	Martha Villa
DIE/LOCATOR PN (GTC Tool #):	M33530C 13-01 (GTC-488)	WORK ORDER NO.
SELECTOR VALUE:	3	112043
TEST EQUIP # (Last CAL date):	( )	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

## OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10.0	10.0	10.0
MEASURED TENSILE STRENGTH:	11.4	12.1	11.5
PASS/FAIL (circle test result)	<b>PASS</b> FAIL	<b>PASS</b> FAIL	<b>PASS</b> FAIL
Type of Separation Observed			
SLIP (pull out) (a)			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)	✓	✓	✓
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)			
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			

SPECIAL INSTRUCTIONS (as reqd):

# DEFECT RECORD REPORT

ID 29547

PART NUMBER: LAT-DS 02830-01

WORK ORDER: 112043

SALES ORDER: F17300

QUANTITY: 40 RW QTY: 8

CUSTOMER: SLAC

INSPECTION TYPE: CRIMPING

INSPECTION LEVEL: 1

INSPECTOR: VANDEVER

OFE SOLDER: 20

OFE ASSEMBLY: 30

DATE: 2/22/2005

WEEK CODE: 10

SERIAL NO.	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
NA	2	1970	A315	4-MIXED	CUTS OR NICKS	WIRES	Twisted wires Red/white
NA	6	1970	A355	4-MIXED	IMPROPER CABLE LENGTH	WIRES	Twisted wires Red/white

*Run 470*

*3/8/05*

PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/ONS: LA7-DS-01481  
ASSY: GLAST. DAD. TEM

WOB 113110  
REQD DATE 04-29-05  
REQD DATE 04-29-05  
PCB 0000046705

CUST\_Q# 1  
CUST\_QTY 1  
PROJECT# 117200  
CUST# 12300

\*SERIAL NUMBER \*\*\*\*\*  
GT109      GLAT1798

\*\*\*\*\*APPROVAL:\*\*\*\*\*  
PROD RLH/4/27/05  
o/hm/4-27-05

\*WORKMANSHIP\*\*\*\*\*  
IPC/EIA-J-STD-001C CLASS 3, WITH "CS" SPACE SUPPLEMENT  
SLAC QAR MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE  
OF ANY STEP OF THE TRAVELER/WORK ORDER. SLAC QAR MAY  
INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP.

\*PL# 05.18.04\*\*\*\*\*

LINE LEFT MACH# OP# DESCRIPTION ..... HOURS  
SET-UP RUN LINE-MACH SQ-LOT#



1 201 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000

\*\*\*\*\* CONFIGURATION DOCUMENTS \*\*\*\*\*  
DOCUMENT NUMBER REV FD/PL OUTSTANDING BOM'S  
ASSY DWG: LA7-DS-01481 54 NONE  
BOM PL: (SAME - ON DWG)  
CUST BOM: LA7-DS-00618 00 NONE  
ESS TEST: (N/A THIS LEVEL)  
ASSY AID: LA-DS-01481 (RELEASED PER FC 0406)  
CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)  
BUILD DOCUMENTS  
USE WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS  
\*\*\* SEE FOOTER OF WORK ORDER FOR REV HISTORY \*\*\*

DATE .. QTY.. REMARKS ..... STATUS  
4/27/05 ..... WIP



3 201 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000

\* PROCESS MATERIAL PER QAR STEP 2:

DATE .. QTY.. REMARKS ..... STATUS  
4/27/05 ..... WIP



WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/PNS LAT-29-01481  
ASSY, BLAST, DAD, TEM

WOS 112110  
REV DATE 04-29-05  
REL DATE 04-04-05  
PCS 217100  
PCN 0000048700

CUST PR  
QTY  
PROJECT # 217200  
CUST# 15100

DATE 0

LINE DEPT MACH# OP# DESCRIPTION..... HOURS  
SET-UP RUN... LINE-MACH ST-LOT



3 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
APPLY ADHESIVE

PROCESS ASSY PER CAA STEP 3

RECORD ADHESIVE DATA BELOW:

GTC P# 32131 EXP. DATE 10/01/05  
LOT # S: (PT A) 32775 (PT B) 32775  
MIX RECORD (PART A WGT) 15g (PART B WGT) 1g

DATE	QTY	REMARKS	STATUS
06/23/05	1		Byf(1288)



4 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
LOG CCA SN TO WORK ORDER  
CRACK SCREW THREADS  
INSTALL CCA TO BOX

PROCESS ASSY PER CAA STEP 4

INSTALLED CCA SERIAL NUMBER: GT109

DATE	QTY	REMARKS	STATUS
04/23/05	1		exp(1288)



5 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
TORQUE FASTENERS.

PROCESS ASSY PER CAA STEP 5

ALERT SLAC CAR TO WITNESS TORQUE PROCESS.

RECORD ASSIGNED TOOL# USED, AND CAL DUE DATE, BELOW:

TORQUE TOOL # GTC-E-951 1/2  
GTC-E-944 CAL DUE DATE 08/05

DATE	QTY	REMARKS	STATUS
06/23/05	1		Byf(1288)
06/23/05	1	WITNESS TORQUE	





WORK CELL 1-RIG RUNNER

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

PN# LAT-US-01481  
ASSY, BLAST DAG. 12M

WO# 112110  
RPO DATE 04-29-05  
REL DATE 04-04-05  
POL# P17200  
POR# 0000018799

CUST #  
PROJ# 1  
QTY# 1  
COST# 1817200  
COST# 18384

LI# DEPT MACHA OPS DESCRIPTION... HOURS  
SET-UP RUN... LINE-MACH ST-LOT.



6 210 00 CCA/BLACK BOX ASSY AREA  
STAKE BOLT HEADS 0.0000 0.0000 0.0000

- PROCESS ASSY PER CAA STEP 6.
- RECORD MATERIAL DATA BELOW:

ACHSV 0161 GTC PO# 31403 EXPIRATION DATE 01/31/07  
CURE DATE/TIME: START- 06/23/05 10:30 AM STOP- 12:30 PM

DATE	QTY	REMARKS	STATUS
<u>06/23/05</u>	<u>1</u>		<u>ByP(1288)</u>



7 210 00 CCA/BLACK BOX ASSY AREA  
ASSY MARKING 0.0000 0.0000 0.0000

- PROCESS ASSY PER CAA STEP 7.
- RECORD MATERIAL DATA BELOW:

INK 50-100R GTC PO# 31201 EXPIRATION DATE 04/27/07  
LOT # (PT A): 2004 09 08 00 33

LOT # (PT B): 2004 07 02 00 71

MIX RECD (PT A WGT) 15 gms (PT B WGT) 0.6 gm

MARKING DATE/TIME: 06/23/05 10:30 AM - 12:30 PM  
CURE OCCURS AT STAKING STEP 13.

DATE	QTY	REMARKS	STATUS
<u>06/23/05</u>	<u>1</u>		<u>ByP(1288)</u>



8 290 00 QUALITY ASSURANCE AREA  
UPE, SLDR-0 ASSY-127 0.0000 0.0000 0.0000

- PROCESS ASSY PER CAA STEP 8.

RECORD DEFECT REPORT NO. IF APPLICABLE. \_\_\_\_\_

DATE	QTY	REMARKS	STATUS
<u>6/23/05</u>	<u>1</u>		

SOV # LAD-09-00491  
ACTIVITY  
A. LOCATION WOI

BY LINE ITEM

EFFECTIVITY DATE: 04-26-05  
RELEASE DATE: 04-24-05  
DATE PRINTED: 04-27-05

PAGE PULLED

PULLED BY

LINE	PART NUMBER AND DESCRIPTION	UOM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS		REV IN LOT #	INVLOC NUMBER	INVENTORY DETAIL			
					STAT QUANTITY	LOT #			LOT QUANTITY	LOT DATE	BIN	
1	LAD-09-00554 TEM BOX BASE ORIGINAL QUANTITY	EA	1.00		RSVD	1.00	120238	SKP2 IN-1 PULLED	0.00			
								SKP2 120198 PULLED	15.00	12-16-04	SLAC	
2	LAD-09-00555 TEM BOX MID ORIGINAL QUANTITY	EA	1.00		RSVD	1.00	120237	SKP2 IN-2 PULLED	1.00			
								SKP2 120197 PULLED	15.00	12-16-04	SLAC	
3	LAD-09-01644 CCS CLASS TEM ORIGINAL QUANTITY	EA	1.00		RS	1.00		SKP2 IN-3 PULLED	1.00			
								SKP2 PULLED	0.00			
4	NAG1382N03LR4 NUT ORIGINAL QUANTITY	EA	26.00		RSVD	26.00	114831	SKP2 IN-4 PULLED	0.00			
								SKP2 114831 PULLED	572.00	03-04		
	NAG1382N04 E SCREW ORIGINAL QUANTITY	EA	29.00		RSVD	29.00	114832	SKP2 IN-5 PULLED	0.00			
								SKP2 114832 PULLED	664.00	02-23-04	LOT 115	
								SKP2 115010 PULLED	712.00	09-17-04	IN ASSY	
								SKP2 138281 PULLED	101.00	04-29-05		
5	NAG1382N05 F WASHER ORIGINAL QUANTITY	EA	1.00		RSVD	1.00	114833	SKP2 IN-6 PULLED	0.00			
								SKP2 11-833 PULLED	01.00	09-23-04		
7	01-0942 REVISED TEM ORIGINAL QUANTITY	CC	1.00		RS	1.00		SKP2 IN-7 PULLED	0.00			
								SKP2 PULLED	0.00			



WORK CELL: 1-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELER - NEW

PAGE 1

REP/ING LAT-DS-01640  
COOL, BLAST, TEM

WOB 112009  
PRO DATE 02-03-05  
REL DATE 12-21-04  
RCA  
PC# 300044799

CUST P#  
PROJ P# 517200  
COST# 16155

SERIAL NUMBER: GT109 GIAT1760  
APPROVAL: 6/23/05  
o/Jan, 2/3/05

WORKINSHIP  
LPO/BIA-J-STD-0010 CLASS 3; WITH "CS" SPACE SUPPLEMENT  
SLAC CAR MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE  
OF ANY STEP OF THE TRAVELER/WORK ORDER. SLAC CAR MAY  
INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP.  
GR 02.02 05

LINE DEPT MACH# OP# DESCRIPTION SET-UP RUN LINE-MACH ST-LOT



1 000 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000

CONFIGURATION DOCUMENTS  
ASSY ING. DOCUMENT NUMBER REV 57 OUTSTANDING IO'S  
FROM FILE: 57 NON  
KIT PARTS: 57 NON  
KIT AID: 57 NON  
CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)  
USE WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS.  
(RELEASED PER EC 2053)  
REVIEW/REF'D BY: GH (DATE) DATE: 02.02.05

ATB 6-20-05

DATE	QTY	REMARKS	STATUS
2-3-05			<i>AS</i>



2 001 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000

- PROCESS PER CAA STEP 2.
- ALL HARDWARE, NON SMT PARTS, AND CONSUMABLE MATERIALS ARE TO BE COLLECTED AND MOVED TO POST-SMT PROCESSING.
- ALL SMT PARTS ROUTE THROUGH THE SMT DRY ROOM.

DATE	QTY	REMARKS	STATUS
2/7/05	1		<i>WJH</i>

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

ASSY/PCB: CAT-DS-01846  
CAA: GLACT, TEM

WO# 112009  
PRO DATE 03-23-05  
PRO DATE 13-31-05  
S/C#  
PCB# 0000048789

CUST P#  
QTY 1  
PROJECT# 117200  
MURTS 15356

LINE DEPT MACH# OP# DESCRIPTION ..... HOURS  
SET-UP RUN LINE-MACH ST-LOT



1 211 00 CCA/BLACK BOX ASSY AREA 1 3300 1 3300 1 3300  
BOARD MARKING

\* PROCESS PER CAA STEP 3

DATE	QTY	REMARKS	STATUS
2-7-05	1		OK



4 212 00 SMT ASSY LINE 0.0000 0.0000 0.0000  
PRE-SMT OVEN BAKE

\* PROCESS PER CAA STEP 4

BAKE DATE: 2-7-05  
START TIME: 11:00 AM  
STOP TIME: 1:00 PM

DATE	QTY	REMARKS	STATUS
2-7-05	1	in	OK 1648
2-7-05		out	OK



5 213 00 SMT ASSY LINE 5.6300 5.6300 5.6300  
SOLDER PASTE STENCIL  
ONLY TOP SIDE GETS PARTS

\* PROCESS PER CAA STEP 5

\* RECORD SOLDER PASTE DATA BELOW:

GTC PCB 21128 EXPIRATION DATE 7/19/05

DATE	QTY	REMARKS	STATUS
2-9-05	1		PP

\* fingerprint cleaned by Andrew Jorgensen

- U-51 - .0061
- U-53 - .0062
- U-3A - .0060
- U-56 - .0060
- U-57 - .0060
- U-58 - .0061
- U-52 - .0061
- U-58 - .0065

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

PN# LAT-DS-01646  
GLAST. TEM

WO# 112000  
REQ DATE 02-03-05  
REL DATE 12-31-04  
S/N  
PC# 000046755

CUST PO#  
PROD LOT#  
CUST#  
1011200  
1011200

LINE LEFT MACH# OP# DESCRIPTION EST UP RUN HOURS LINE MACH ST LOT



6 212 00 SMT ASSY LINE PICK-N-PLACE PARTS 10.0000 10.0000 10 0000

- \* PROCESS PER CAA STEP 6.
- \* RECORD SERIAL NUMBERS OF LISTED ASIC DEVICES:

FN-19 US 1752 U4 1753 US 1605 US 1747  
 FN-23 US4 1698 US5 1613 US6 1614 US7 1723  
 US8 1681 US9 1688 US10 1610 US11 1730

DATE	QTY	REMARKS	STATUS
2-9-05	1	TOP	PF



7 215 30 SMT ASSY LINE SOLID REFLOW 0.5000 0.5000 1.5000

- \* PROCESS PER CAA STEP 7.
- \*\* DO NOT LET BOARD SIT OVERNIGHT WITHOUT CLEANING \*\*

DATE	QTY	REMARKS	STATUS
2-9-05	1		PF



8 213 00 SMT ASSY LINE AQUEOUS CLEAN 0.1000 0.1000 1.1000

- \* PROCESS PER CAA STEP 8.
- \*\* RECORD WASH EVENT ON LOG (PER EA-21)

DATE	QTY	REMARKS	STATUS
2-9-05	1		PF

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TIME: PRODUCTION

WORK ORDER TRAVELLER + NEW

PAGE 4

WORK LAT-05-01046  
CCA (LAST) TEM

WO 112003  
NUMBER 107800  
DATE 10-03-05  
REVISED 10-21-04  
WB 000048759

CUST #  
PROGRAM QTY 1  
CUST# 18354

LINE DEPT MATCH DE# DESCRIPTION..... H O U R S  
SET-UP RUN LINE MATCH ST-LOC



9 290 00 QUALITY ASSURANCE AREA 0.4400 0.4400 0.4400  
OFF: SLDR-4163 ASSY-5203

- \* PROCESS PER CAA STEP 9.
- \*\* RECORD DEFECT RECORD REPORT NUMBER(S) BELOW.

DATE	QTY	REMARKS	STATUS
2/11/05	1	3/11/09	

2/11/05  
  
 REMOVED METHOD FOR REMOVING FED UNDER NIE.



10 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
FRD-WAVE BAKEOUT

\* PROCESS PER CAA STEP 10.  
BAKE DATE: 3/30/05 START: 7:40 STOP: 9:40

DATE	QTY	REMARKS	STATUS
3/30/05	1		me 1337

\* Removed small RES. chip from under ASIC IC. I used a thin blade and slid the loose chip out.  
 3/30/05



11 210 00 CCA/BLACK BOX ASSY AREA 2.4000 2.4000 2.4000  
THRU-HOLE INSTALL

- \* PROCESS PER CAA STEP 11.
- \* RECORD ASSIGNED TOOLS USED, AND CAL DUE DATE, BELOW.

TOOL: 37C-E-944 CAL DUE DATE 8-05

DATE	QTY	REMARKS	STATUS
3/30/05	1		me 1337



12 210 00 WAVE/SOLDER WAVE SOLDER 0.5000 0.5000 0.5000

- \* PROCESS PER CAA STEP 12.

DATE	QTY	REMARKS	STATUS
3.30.05	1		KS

WORK CELL: 4-MIXED

CUSTOMER: SIAC

PAUCTION

WORK ORDER TRAVELLER - NEW

PAGE 5

Assy/PN# LAT\_DS-01646  
CCA, CLAS7, TEM

WOS 212009  
REQ DATE 02-03-05  
REL DATE 12-21-04  
SOP  
PC# 0100048799

CUST P#  
CITY  
PROJECT# 017200  
COST# 19220

Line DEPT MACH# OP# DESCRIPTION..... SET-UP RUN... HOURS LINE-MACH ST-COOL



13 015 00 WAVESOLDER ADDTIOUS CLEAN 0.2000 0.2000 0.2000

\* PROCESS PER CAA STEP 13:

DATE	QTY	REMARKS	STATUS
3-20-05	1	Clean 179	PM1423



14 090 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000  
CPE: SLIR-800 ARRY-66

\* PROCESS PER CAA STEP 14

\*\* RECORD DEFECT RECORD NUMBER(S) BELOW.

CA#(S) 30430

DATE	QTY	REMARKS	STATUS
3/31/05	1		



15 110 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
TOURINUP

\* PROCESS PER CAA STEP 15

DATE	QTY	REMARKS	STATUS
3/31/05	1		mt 1337



16 410 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
ACCORD/PT CLEAN

\* PROCESS PER CAA STEP 16

DATE	QTY	REMARKS	STATUS
3/31/05	1		mt 1337



WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/TVE LAT\_05-01646  
CAA: 01A&01-1EM

WFO 112708  
TRAVEL DATE 11-03-06  
WFO DATE 11-21-04  
WFO# 0100048788

CUST 7  
PROJ 017200  
CUST 18388

PAGE 5

LINE DEPT MACH# OP# DESCRIPTION..... SET-UP RUN HOURS ST-LOT



17 200 00 QUALITY ASSURANCE AREA  
SPE - SPCR-300 ASSY-0 0.0000 0.0000 0.0000

- PROCESS PER CAA STEP 17.
- RECORD DEFECT RECORD REPORT NUMBER(S) BELOW.

DEF# 81

DATE	QTY	REMARKS	STATUS
3/31/05	1		

S/N 109



18 210 00 CCA/BLACK BOX ASSY AREA  
POST WAVE ASSY-FPGAS 0.0000 0.0000 0.0000

- PROCESS PER CAA STEP 18.
- ADHESIVE PO# 32134 EXP. DATE: 11/1/05
- FPGA SERIAL #'S: U46 40504 U42 50303

DATE	QTY	REMARKS	STATUS
5/19/05	1		PM



19 210 00 CCA/BLACK BOX ASSY AREA  
SOLDER FPGA LEADS 0.0000 0.0000 0.0000

- PROCESS PER CAA STEP 19

DATE	QTY	REMARKS	STATUS
5/19/05	1		inc 1337



20 210 00 CCA/BLACK BOX ASSY AREA  
POST WAVE ASSY-D3, D4, D5 0.0000 0.0000 0.0000

- PROCESS PER CAA STEP 20

DATE	QTY	REMARKS	STATUS
5/19/05	1		inc 1337

WORK CELL: 4 MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY:ENA LAD-18-01444  
CCA: BLAST. 001

MO# 112009  
PRD DATE 12-23-04  
PRD DATE 12-21-04  
C#  
PO# 0000048799

CUST #  
PROJ# 917300  
COSH# 16356

PAGE 7

LINE DEPT MACHINE OP# DESCRIPTION..... HOURS  
SET-UP RUN LINE-MACH SD-LOT



21 010 00 CCA/BLACK BOX ASSY AREA  
POST WAVE ASSY-R1, R2 0.0000 2.0000 2.0000

\* PROCESS PER CAA STEP 21

DATE	QTY	REMARKS	STATUS
5/19/05	1	3/N/109	me 337



22 010 00 CCA/BLACK BOX ASSY AREA  
M/CORRO/DI CLEAN 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 22

DATE	QTY	REMARKS	STATUS
5/19/05	1		me 337



23 010 00 QUALITY ASSURANCE AREA  
OFF: SLD-217 ASSY-230 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 23

\*\* RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

ERR#(S)

DATE	QTY	REMARKS	STATUS
5-20-05	1	1st test failed on the 6/11/05 U45, U62, J2, J4, J5	



24 045 00 SREA LOT  
SOPN TEST 2.9100 2.9100 2.9100

\* PROCESS PER CAA STEP 24

\*\* RECORD TEST DEFECT RECORD REPORT NUMBER(S) BELOW

TEST#(S)

DATE	QTY	REMARKS	STATUS
5-23-05	1	6N (1710)	the PASSED

WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 8

ASSY/FIN: LAT-DS-01646  
CLP, CLASD, TEM

WCS: 112003  
REV# DATE: 02-03-05  
SCH# DATE: 10-21-04  
PC# 7000048799

CUST #  
PROJECT# P17200  
COST# 18338

LINE DEPT MACH# OP# DESCRIPTION..... SET-UP RUN... TIME-MACH ST-LOT



LINE	DEPT	MACH#	OP#	DESCRIPTION	SET-UP	RUN	TIME-MACH	ST-LOT
05	010		01	CLA/BLACK BOX ASSY AREA INSTALL CONNECTOR-SOLDER SLDR CONN J1-ROW 1>CHECK	13.8000	14.8000	23.8000	070
				SLDR-CONN J1-ROW 2>CHECK				1200) RMP 05/23/05
				SLDR-CONN J1-ROW 3>CHECK				RMP 05/23/05
				SLDR-CONN J1-ROW 4>CHECK				RMP 05/23/05
				SLDR-CONN J1-ROW 4>CHECK				RMP 05/23/05

- \* PROCESS PER CAA STEP 25.
- \* RECORD ASSIGNED TOOLS USED, AND CAL DUE DATE, BELOW:

DATE	QTY	REMARKS	STATUS
5/23/05	1	S/N 109	me-1337



LINE	DEPT	MACH#	OP#	DESCRIPTION	SET-UP	RUN	TIME-MACH	ST-LOT
05	230		00	QUALITY ASSURANCE AREA OP# SLDR-398 ASSY-405	5.6000	5.6000	5.6000	

- \* PROCESS PER CAA STEP 26.
- \*\* RECORD DEFECT RECORD REPORT NUMBER(S) BELOW:

DATE	QTY	REMARKS	STATUS
5/23/05	1		

WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 9

App/ENR CAT DS-01646  
CAA: GLAST, TCM

W# 112009  
DATE 01-01-06  
W# 112009  
DATE 01-01-06  
0000048799

COST #  
PKG# 101700  
COST# 10037

LINE DEPT MACH# OF# DESCRIPTION..... HOURS  
SET UP RUN LINE-MACH ST-LOT



27 250 00 COATING/POTTING AREA  
POTTING/STAKING 0.8000 0.8000 0.8000

- PROCESS PER CAA STEP 17.
- RECORD MATERIAL DATA BELOW:

RTV D06-1104: GTC P0# 32070 EXPIRATION DATE 01/07/06  
 ADH5V 0151 GTC P0# 31403 EXPIRATION DATE 01/31/07

(15) ADHESIVE MIX RECORD (RECORD PER BATCH)

BATCH #1 BATCH #2 BATCH #3 BATCH #4

RESIN WGT: 6.5g \_\_\_\_\_  
 HARDENER WGT: 2.0g \_\_\_\_\_

DATE: 05/25/05 START: 2:30PM STOP: 4:30PM

DATE	QTY	REMARKS	STATUS
<u>05/25/05</u>	<u>1</u>		<u>ByP</u>
_____	_____	_____	_____
_____	_____	_____	_____



390 00 QUALITY ASSURANCE AREA  
CPE: SLDA=0 ASSY-104 0.1000 0.1000 0.1000

- PROCESS PER CAA STEP 20.
- RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

DEF#(S) \_\_\_\_\_

DATE	QTY	REMARKS	STATUS
<u>5/25/05</u>	<u>1</u>		<u>ByP</u>
_____	_____	_____	_____
_____	_____	_____	_____



57 041 00 SOURCE INSPECTION  
MIP - SLAC CAR INSPECTION  
BEFORE SHIPMENT TO SLAC 0.0000 0.0000 0.0000

- PROCESS PER CAA STEP 16.
- PLEASE RETURN CCA TO QA FOR SHIPMENT.

DATE	QTY	REMARKS	STATUS
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

WORK ORDER: 1-MIXED

CUSTOMER: SLAC

REJECTION

WORK ORDER TRAVELLER - NEW

PAGE 10

ISSY/WR: 1A7-DS-01646  
COA: SLAC, TEM

NO: 112003  
DATE: 02-03-05  
DATE: 12-01-04  
CYCLE: 0000048766

CUST: 2#  
PROJ: 00000  
CUST: 100000  
CUST: 100000

174 DEPT MACH: 0# DESCRIPTION: ..... SEQ-UP BIN. H Q U A S  
LINS MACH ST-LOT:



30 299 07 PACKAGING/SHIPPING INSP  
PACK & SHIP COA 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 10.

DATE	QTY	REMARKS	STATUS
06/02/05	1		By (1089)



31 299 08 QUALITY ASSISTANCE AREA  
FOR RECEIVING INSPECTION 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 31.

\*\* RECORD DEFECT RECORD REPORT NUMBER(S) BELOW.

DRAW(S)

IN THE INSTANCE OF REJECTION, DO NOT CAUSE OR ALLOW ANY  
REWORK TO BE PERFORMED WITHOUT AUTHORIZATION PROVIDED BY  
APPROVED REWORK INSTRUCTIONS (NCRS REQUIRED).

DATE	QTY	REMARKS	STATUS
6/15/05	1		



32 260 09 SOURCE INSPECTION  
SLAC CAR PRE-COAT INSP  
MANDATORY INSPECTION  
POINT 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 31.

DATE	QTY	REMARKS	STATUS
6-16-05	1	GLAT 1760	

WORK CELL: 4-MIXED

CUSTOMER: GLAD

TL: ADDUCTION

WORK ORDER TRAVELLER - NEW

PAGE 11

REV/EN# DAT-05-01646  
OCA, GLAST, TEM

WO# 112009  
REQ DATE 12-03-05  
REL DATE 12-21-04  
PC# 0000048799

CUST PR  
QTY 1  
PROJECT# 017210  
CUST# 15388

LINE DEPT MACH# OP# DESCRIPTION SET-UP RUN... HOURS LINE-MACH ST-LOT



33 010 00 OCA/BLACK BOX ASSY AREA  
ALCOHOL/DI CLEAN AND TEST  
THE CLEANLINESS OF OCA 0.0000 0.0000 0.0000

- \* PROCESS PER CAA STEP 33
- \*\*\* WEAR PROTECTIVE GLOVES WHEN HANDLING OCA \*\*\*
- \* ATTACH CLEANLINESS TEST RECORD TO WORK ORDER.

DATE	QTY	REMARKS	STATUS
6/16/05	1		AL1576
6/16/05	1	Cleanliness	OK



34 090 10 QUALITY ASSURANCE AREA  
OPE SLDX-0 ASST-11 0.0000 0.0000 0.0000

- \* PROCESS PER CAA STEP 34
- \*\* RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

DATE	QTY	REMARKS	STATUS
6/17/05	1		



35 250 00 COATING/POIING AREA  
MASK & CONFORMAL COATING 0.0000 0.0000 0.0000

- \* PROCESS PER CAA STEP 35
- \*\*\* WEAR PROTECTIVE GLOVES WHEN HANDLING OCA \*\*\*
- RECORD BAKE DATE-TIME START/STOP BELOW
- BAKE DATE: 6/17/05 START: 8:40 AM STOP: 10:00 AM

DATE	QTY	REMARKS	STATUS
6/17/05	1	MASK BAKE	OK

WORK CELL: 4-MIXED

CUSTOMER: SIAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

WIP LAT-03-01446  
CJA, BLAST TEM

WIP 012017  
REV DATE 08-03-05  
REL DATE 12-21-04  
PO# 0000048799

CUST #  
PROJECT # 017000  
CUST # 12345

PAGE 12

LINE MACH# OFF DESCRIPTION..... HOURS  
SET-UP RUN... LINE-MACH ST-LOT



25 250 00 COATING/POTTING AREA  
SPRAY CONFORMAL COAT 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 36.

CONFORMAL COAT MATERIAL PO#: 31201  
EXP. DATE: 6/30/2005

TWO (2) HOUR AIR CURE (BEFORE OVEN BAKE):

DATE: 6/17/05 START: 11:15 AM STOP: 6/20/05 6:30 AM

DATE	QTY	REMARKS	STATUS
<u>6/17/05</u>	<u>1</u>	<u>Coat</u>	<u>Dm</u>



27 250 00 COATING/POTTING AREA  
TOUCHUP / OVEN BAKE 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 37.

FIRST BAKE DATE: 6/20/05 START: 6:35 AM STOP: 6/20/05 6:30 AM <sup>8:18 AM</sup>  
TOUCHUP BAKE DATE: 6/20/05 START: 8:45 AM STOP: 10:00

DATE	QTY	REMARKS	STATUS
<u>6/20/05</u>	<u>1</u>	<u>TU / UNMASE</u>	<u>Dm/1035</u>

WORK TEL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 13

Assy/FNS LAT-DS-01446  
COA. GLAST, TEM

WO# 112009  
BPO DATE 02-03-05  
REV. DATE 12-21-04  
COST# 0000048799

CUST FR QTY 1  
PROJECT# P17200  
CUST# 15392

LT# DEPT MACH# 07# DESCRIPTION..... HOURS  
SET-UP RUN... LINE-MACH ST-LOC



38 230 00 QUALITY ASSURANCE AREA 0.5000 0.5000 0.5000  
OP# SLR-0 ASSY-99

\* PROCESS PER CAA STEP 38.  
\*\* RECORD DEFECT RECORD REPORT NUMBER(S) BELOW.

EX#(S) \_\_\_\_\_

REFER TO CAA FOR DOCUMENTATION REQUIREMENTS TO ATTACH OR ADVANCE WITH THIS WORK ORDER. ITEMS MAY, OR WILL, INCLUDE THE FOLLOWING:

- MATERIAL CERTIFICATIONS...
- SPEA TEST DEFECT REPORTS...
- INSPECTION DEFECT REPORTS...
- NON-COMFORMANCE REPORTS...
- FORM 910-117 DOC REV RECORD...
- NO. LOGS REPORT...
- DIGITAL PHOTOGRAPHS, RECORDED ONTO CD...

DATE	QTY	REMARKS	STATUS
6/21/05	1		OK



39 280 00 SOURCE INSPECTION 0.0000 0.0000 0.0000  
CSI

\* PROCESS PER CAA STEP 39.  
NOTE: NEXT ASSEMBLY IS LAT-DS-01441.  
\*\* PLEASE RETURN INSPECTED COA TO QA UPON COMPLETION \*\*

ID# 32745

DATE	QTY	REMARKS	STATUS
6.21.05	1	FOO EMBEDDED IN J45	OK



6.22.05



ASSEMBLY # : LAT-DS-01646  
QUANTITY : 1  
LOCATION : W02

BY LINE ITEM

EFFECTIVITY DATE : 02-03-05  
RELEASE DATE : 12-21-04  
DATE PRINTED : 02-04-05

DATE PULLED: \_\_\_\_\_

FULLED BY: \_\_\_\_\_

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL			
			QUANTITY	CURR STATUS				QUANTITY	LOT	LOT DATE	SINLOC
1	LAT-DS-01649 PWS. TEM ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00 120299	SKCF2 FN-D1	120299	18.00	09-11-07		1
2	LAT-DS-01026 PLATE, CONN. TEM ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00 114784	SKCF2 FN-D6	114784	18.00	06-19-07		1
3	LAT-DS-01031 PIN, CONNECTOR, TEM ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00 114785	SKCF2 FN-D7	114785	38.00	06-19-07		2
4	NAS1362NC2-8 SCREW ORIGINAL QUANTITY...	EA	26.00	RSVD	26.00 114786	SKCF2 FN-D5	114786	548.00	09-23-04		26
5	LAT-DS-03582 STANDOFF ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00 114787	SKCF2 FN-D5	114787	18.00	09-23-04		2
6	MSS1557-13 SCREW, PHND, 4-40 X .25 ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00 93945	SKCF2 FN-D10	93945	191.00	11-24-03	C3P	2
						FN-D10	114788	78.00	09-23-04		2
7	NAS620-C2 PLATWASHER ORIGINAL QUANTITY...	EA	52.00	RSVD	52.00 114789	SKCF2 FN-D2	114789	1052.00	09-23-04		52
8	MSS4671-2 SCREW ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00 114790	SKCF2 FN-D8	114790	84.00	09-23-04		4
9	NAS671-C2 NUT ORIGINAL QUANTITY...	EA	26.00	RSVD	26.00 114791	SKCF2 FN-D4	114791	520.00	09-23-04		26
10	LAT-DS-02588 ASSY, CABLE, CONN. TEM ORIGINAL QUANTITY...	EA	1.00	BO	1.00	SKCF2 FN-D9	25 J1	0.00			0
11	0161 ADHESIVE: HYSCD, 400 WIT ORIGINAL QUANTITY...	OD	1.00	BO	1.00	SKCF2 FN-D11		0.00			0
12	TV-2946 RTV, MUSIL, TECH ORIGINAL QUANTITY...	OD	1.00	BO	1.00	SKCF2 FN-D12		0.00			0
13	5750 CONFORMAL COATING URELANE ORIGINAL QUANTITY...	OD	1.00	BO	1.00	SKCF2 FN-D13		0.00			0

QTY # : LAT-DS-01688  
 QUANTITY : 1  
 LOCATION: W03  
 EFFECTIVITY DATE: 03-23-04  
 RELEASE DATE : 03-23-04  
 DATE PRINTED : 03-23-04

DATE PULLED: \_\_\_\_\_ PULLED BY: \_\_\_\_\_

LT#	PART NUMBER AND DESCRIPTION	UX	REQUIREMENTS			INVLOC	LOT NUMBER	INVENTORY DETAIL			BIN
			QUANTITY	CURR STAT	RESV IN QUANTITY			LOT #	QUANTITY	LOT LIFE	
25	SMD150 FUSE, RAYCHEM/POLYSWICH ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114807	SKCF2 FN-12	114807 F2 F8 F6 F8	100.00	09-23-04	4
26	SMD075 IC ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114926	SKCF2 FN-13	114926 F3 F8 F7 F9	100.00	09-24-04	4
27	MAX145AEUA IC ORIGINAL QUANTITY	EA	36.00	RSVD	36.00	114809	SKCF2 FN-15	114809 U7 U8 U9 U10 U11 U12 U13 U14 U15 U16 U17 U18 U19 U20 U21 U22 U23 U24 U25 U26 U27 U28 U29 U30 U31 U32 U33 U34 U35 U36 U37 U38 U39 U40 U41 U42	204.00	09-23-04	30
28	MAX5121AEE IC ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114810	SKCF2 FN-16	114810 U1 U2	47.00	09-23-04	2
29	LAT-DS-03895 IC ORIGINAL QUANTITY...	EA	1.00	BO	1.00	21/105	SKCF2 FN-17	U55 PULLED:	0.00		<del>0</del>
	LAT-DS-03894 IC ORIGINAL QUANTITY...	EA	1.00	BO	1.00	21/105	SKCF2 FN-18	U52 PULLED:	0.00		<del>0</del>
31	LAT-TD-01614 IC ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114813	SKCF2 FN-19	114813 U3 U4 U5 U6	32.00	09-23-04	4
32	9962R9568101VXC IC ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	114814	SKCF2 FN-20	114814 U53 PULLED:	32.00	09-23-04	1
33	9962R985203QVC IC ORIGINAL QUANTITY...	EA	5.00	BO	5.00		SKCF2 FN-21	U46 U47 U48 U53 U64 PULLED:	0.00		<del>0</del>
34	LAT-TD-01612 IC ORIGINAL QUANTITY...	EA	8.00	RSVD	8.00	114815	SKCF2 FN-22	114815 U54 U56 U57 U58 U59 U60 U61	162.00	09-23-04	8
35	MOT75CPX000 THICK FILM CAPAC ORIGINAL QUANTITY...	EA	151.00	RSVD	151.00	114817	SKCF2 FN-23	114817 U62 U63 U64 U65 U66 U67 U68 U69 U70 U71 U72 U73 U74 U75 U76 U77 U78 U79 U80 U81 U82 U83 U84 U85 U86 U87 U88 U89 U90 U91 U92 U93 U94 U95 U96 U97 U98 U99 U100	151.00		151
	M55342K0681E00R RESISTOR, CHIP, 100M, 1W OH ORIGINAL QUANTITY	EA	55.00	RSVD	55.00	114919	SKCF2 FN-24	114919 R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11 R12 R13 R14 R15 R16 R17 R18 R19 R20 R21 R22 R23 R24 R25 R26 R27 R28 R29 R30 R31 R32 R33 R34 R35 R36 R37 R38 R39 R40 R41 R42 R43 R44 R45 R46 R47 R48 R49 R50 R51 R52 R53 R54 R55 R56 R57 R58 R59 R60 R61 R62 R63 R64 R65 R66 R67 R68 R69 R70 R71 R72 R73 R74 R75 R76 R77 R78 R79 R80 R81 R82 R83 R84 R85 R86 R87 R88 R89 R90 R91 R92 R93 R94 R95 R96 R97 R98 R99 R100	55.00		55



ORIGINAL QUANTITY ..

4.00

PULLED:

114826

FN-21 U49 U50 U51 U52

PULLED:

4.00 09-23-04 DRY-10

4

WORK ORDER : 112009

( NEW )

WORK ORDER PICK LIST

PAGE: 5

PLY # : LAT-DS-11646  
ACTIVITY : 1  
W.. LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE : 02-03-05  
RELEASE DATE : 12-21-04  
DATE PRINTED : 02-04-05

DATE PULLED: \_\_\_\_\_

PULLED BY: \_\_\_\_\_

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS		RESV IN LOT #	INVLOC NUMBER	INVENTORY DETAIL					
					STAT QUANTITY	QUANTITY			LOT	LOT DATE	LOT LIFE	BINLOC	BIN QUANTITY	
45	M55342K06B4500R RESISTOR ORIGINAL QUANTITY ..	EA	4.00	RSVD	3.00	114827		SKCF2 114827 FN-14 R648 R649 R650 R651 PULLED:	234.00	09-23-04				
			4.00	RSVD	1.00	36398		FN-14 R648 R649 R650 R651 PULLED:	17.00	03-23-00	CF3D			41
46	M55342K06B1F00R RESISTOR ORIGINAL QUANTITY ..	EA	2.00	RSVD	2.00	114828		SKCF2 114828 FN-27 R191 R192 PULLED:	88.00	09-23-04				
			2.00					FN-27 R191 R192 PULLED:	229.00	09-27-04				2
47	M55342K06B2E11R RESISTOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114829		SKCF2 114829 FN-30 R642 R643 PULLED:	240.00	09-23-04				
			2.00					FN-30 R642 R643 PULLED:	232.00	09-27-04				2
48	M55342K06B10E0R RESISTOR,CHIP..100W,10K Ω ORIGINAL QUANTITY..	EA	23.00	RSVD	23.00	114830		SKCF2 114830 FN-31 R145 R146 R147 R148 R149 R150 R151 R167 R168 R171 R172 R177 R178 R196 R640 R641 R678 R749 R750 R751 R752 R753 PULLED:	675.00	09-23-04	CF1C			
			23.00					FN-31 R145 R146 R147 R148 R149 R150 R151 R167 R168 R171 R172 R177 R178 R196 R640 R641 R678 R749 R750 R751 R752 R753 PULLED:	557.00	09-27-04				23
								FN-31 R145 R146 R147 R148 R149 R150 R151 R167 R168 R171 R172 R177 R178 R196 R640 R641 R678 R749 R750 R751 R752 R753 PULLED:	58.00	09-24-03				

# DEFECT RECORD REPORT

ID: 29342

PART NUMBER: LAT-DS-01646

INSPECTION TYPE: POST REFLOW

OFF SOLDER: 0

WORK ORDER: 112009

INSPECTION LEVEL: 1

OFF ASSEMBLY: 0

SALES ORDER: F17200

INSPECTOR: HUBBARD

DATE: 2/11/2005

QUANTITY: 1 RW QTY: 1

WORK CELL: 4FMXED

WEEK CODE: 8

CUSTOMER: SLAC

SERIAL NO.	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
109	4		S402		INSUFFICIENT SOLDER	U61 ✓	
109	4		S402		INSUFFICIENT SOLDER	U5 ✓	
109	1		A385		SOAP RESIDUE		
109	1		A332		FOD	U60 ✓	SMT RESISTOR UNDER IC
109	4		S402		INSUFFICIENT SOLDER	U6 ✓	
109	2		S402		INSUFFICIENT SOLDER	U3 ✓	
109	1		S402		INSUFFICIENT SOLDER	U4 ✓	
109	1		S402		INSUFFICIENT SOLDER	U55 ✓	
109	2		S402		INSUFFICIENT SOLDER	U54 ✓	

*Handwritten notes:*  
 3/23/05  
 3/21/05  
 3/22/05

*Handwritten notes:*  
 3/21/05

# DEFECT RECORD REPORT

ID: 304330

PART NUMBER: LAT-DS-01646

INSPECTION TYPE: HAND SOLDER

OFF SOLDER: 600

WORK ORDER: 112009

INSPECTION LEVEL: 1

OFF ASSEMBLY: 55

SALES ORDER: F17200

INSPECTOR: EMARTINEZ

DATE: 3/31/2005

QUANTITY: 1 RW QTY: 1

WEEK CODE: 15

CUSTOMER: SLAC

SERIAL NO.	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PINNOTES
109	1	692	S413		BRDGING	JC1	
109	1	692	S413		BRDGING	JT3	
109	1	692	S413		BRDGING	JT2	

*Handwritten notes:*  
 13 3 1  
 3 3 1  
 05

*Handwritten notes:*  
  
 3/31/05

# DEFECT RECORD REPORT

ID: 32745

PART NUMBER: LAT-DS-01646      INSPECTION TYPE: CUSTOMER SOURCE      QFE SOLDIER: 0  
 WORK ORDER: 112009      INSPECTION LEVEL: 1      QFE ASSEMBLY: 0  
 SALES ORDER: FT7200      INSPECTOR: EMARTINEZ      DATE: 6/21/2005  
 QUANTITY: 1      RW QTY: 1      WORK CELL: 1-BIG RUNNER      WEEK CODE: 27  
 CUSTOMER: SLAC

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES	ALSO THRU OUT THE BD
GT109	1	1035	A332	1-BIG RUNNER	FOD	U45		

*T.U. Coating*  
*6/21/05*  
*Dm/1035*


  
*6/21/05*





CCA PIN: LAT-DS-01646 GLAT1760 GT109  
 W.O. #: 112009  
 CC Tech: Dm/1035 (Initial / Employee #)  
 Date: 6/17/2005

MIX RATIOS

Coating TYPE: <u>ARATHANE</u>	Mfr: <u>HUNTSMAN</u>
-------------------------------	----------------------

Lot Number: AK4GB8013A      Expiration Date: 6/30/2005

MIX RATIOS: 18 PBW 5750-A TO 100 PBW 5750-B

AIR CURE: START 6/17/05 11:15AM FINISH 6/20/05 6:30AM

OVEN CURE: START 6/20/05 6:35AM FINISH 6/20/05 8:18AM

WESTEK

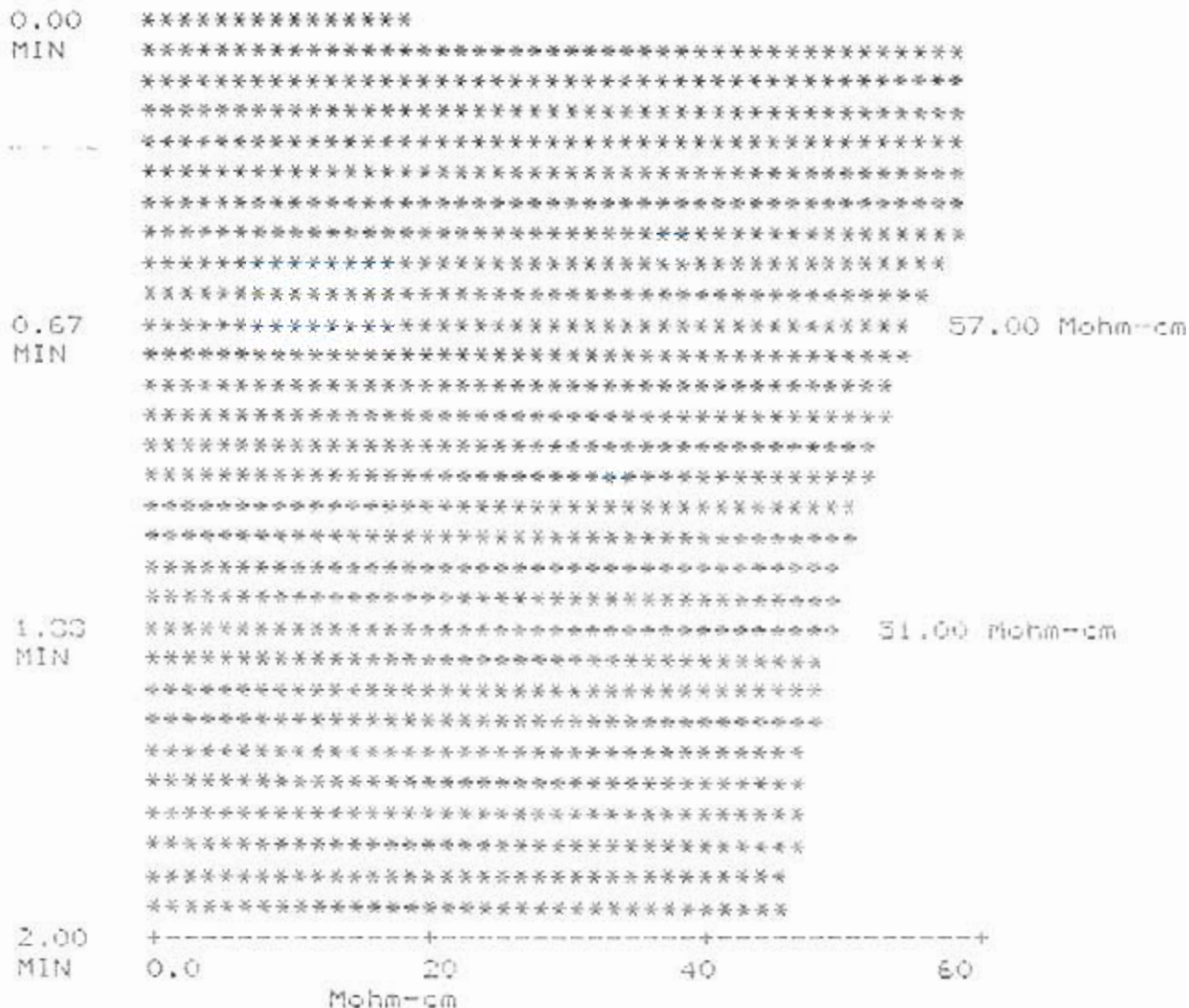
Operator :QUYEN  
06/16/05  
16:16:10

Test Type : Auto  
Test name : 'Manual Test'  
Board # GT109 has P A S S E D

TEST TIME : 2.00 min  
TEST VOLUME : 8820 ml  
BOARD AREA : 220.5 sq in  
COMP. AREA : 0.00 sq in  
VOL/SQ. IN : 40 ml/sq. in  
P/F LIMIT : 10.07 ug/sq in  
: 7.70 Mohm-cm

Initial Resistivity : 40.13 Mohm-cm  
NaCl Equivalence (Final) : 0.82 ug/sq in

TIME vs RESISTIVITY




Final Resistivity : 47.70 Mohm-cm  
NaCl Removed : 0.00 ug/sq in

## REWORK TRAVELER

SO NO: F17300	PART NO: SLAC LAT-DS-01646	REV: 56
---------------	----------------------------	---------

ASSEMBLY NAME: TEM CCA	QTY: 1
------------------------	--------

APPROVAL <i>Original signed editions reserved for copying</i>							
G. POZZI	<i>4-18-05</i>	G. HEFKIN	<i>4-18-05</i>	K. BERGTHOLDT	<i>4-18-05</i>	P. LUJAN	<i>4-19-05</i>
PREPARED BY	DATE	ENGR MGR SVP	DATE	QA MGR ENL	DATE	SLAC SOURCE	DATE

STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	Record serial numbers: TEM LAT-DS-01646 SN GT- <u>109</u> GLAT-_____			
2	<b>OPERATOR: INSPECT FOR CLEANLINESS AND DEBRIS</b> USE A SOLUTION OF 75% ALCOHOL AND 25% DE-IONIZED WATER. PLACE BOARDS INTO SOLUTION AND USE A SOFT BRISTLE BRUSH TO REMOVE ALL SOLDER BALLS. VIEW BOARDS UNDER A 10X SCOPE AND RECLEAN UNTIL ALL SOLDER BALLS HAVE BEEN REMOVED. <b>NO SOLDER BALLS ALLOWED.</b> <i>(Washed 5 times)</i> AQUEOUS CLEAN USING RECIPE #8	<i>1337</i>	<i>4/23/05</i>	<i>4</i>
4	<b>INSPECTION: INSPECT FOR BOARD CLEANLINESS. NO SOLDER BALLS ALLOWED.</b>	<i>1337</i>	<i>4/25/05</i>	
5	<b>SOURCE INSPECTION</b>		<i>4/1/05</i>	

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

A. PNF LAT-DS-02588  
ASSY, CABLE, CONN, TEM

WOF 112026  
REQ DATE 02-04-05  
REL DATE 01-31-05  
COP  
PO# 0000048759

CUST #  
QTY 19  
PROJECT# 717200  
CUST# 15356

-SERIAL NUMBER LISTING:-----  
N/A

APPROVAL:-----  
PROD GH 2/4/05  
CA GH 2.4.05

WORKMANSHIP:-----  
ANSI-J-STD-001C CLASS 3; OTHER:  
(DEFAULT WORKMANSHIP UNLESS INDICATED OTHERWISE, ABOVE)

LOT NO.	LOT QTY	SERIAL NUMBERS	SEQ NO.	REASON	APPRV DATE

\*(wobdr rev 05.19.04 gih)-----

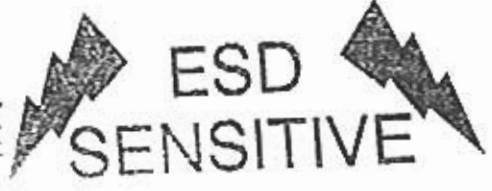
LI# DEPT MACH# OP# DESCRIPTION..... HOURS  
SET-UP RUN... LINE-MACH ST-LOT.



02 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000  
CONFIG

\*\*\*\*\* CONFIGURATION DOCUMENTS \*\*\*\*\*  
 ASSY & PL: LAT-DS-02588 REV FD/PL 51 OUTSTANDING BO'S NONE  
 TEST SPEC: N/A  
 ASSY AID: N/A  
 CUSTOMER NAME: SLAC  
 \*\*\*\*\* BUILD DOCUMENTS \*\*\*\*\*  
 USE... TRAVELER AND DRAWING  
 \*(REV'D)/PREP'D BY: GH (DATE)DATE: 02.02.05

DATE	QTY	REMARKS	STATUS
<u>2-4-05</u>			<u>N/A</u>



WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

ASBY/PN# LAT-D9-02888  
ASSY, CABLE, CONN. TEM

WO# 112026  
REQ DATE 02-04-05  
REL DATE 01-31-05  
SO#  
PO# 0000048799

CUST P#  
QTY 19  
PROJECT# F17200  
CUST# 15356

LINE	DEPT	MACH#	OP#	DESCRIPTION	SET-UP	RUN	LINE-MACH	SI-LOT	HOURS
------	------	-------	-----	-------------	--------	-----	-----------	--------	-------



2	201	00		STOCKROOM/KITTING AREA KIT PARTS/MATERIALS	0.0000	0.0000			0.0000
---	-----	----	--	---	--------	--------	--	--	--------

\* WIRE, CRIMP PINS, AND CONNECTOR.

DATE	QTY	REMARKS	STATUS
2/10/05	19		

WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY: CABLE, COON, TEM

WOB 112026  
REQ DATE 02-04-05  
REL DATE 01-31-05  
JOB 0000048799

CUST #  
QTY  
PROJECT #  
CUST #

PAGE 3

Step 1-4  
m 1337  
4/26/05  
move to start p. 3A  
JLH

LINE DEPT MACH# C# DESCRIPTION SET-UP RUN... LINE-MACH ST-LOT



3 000 00 CABLE/HARNESS ASSY AREA 0.0000 0.0000 0.0000

CUT WIRE, STRIP WIRE,  
CRIMP PIN CONTACTS,  
TIN LEADS.

\* CRIMP TEST SETUP - GTC-2081.

CUT 6 PIECES OF WIRE @ 6" TO 9" LONG, FOR PULL TESTS.  
USE 3 PCS EACH FOR PRE-CRIMP AND POST-CRIMP TESTS.

\* STRIPPING METHOD -- ALL ASSEMBLY AND TEST ACTIVITY...

USE SCORPION PNEUMATIC WIRE STRIPPER SET UP WITH  
24 AWG STRIP BLADES, A STRIP LENGTH OF 3/16" AND  
AND LEAVES THE INSULATION SLUG IN PLACE.

\* PRE-ASSY CRIMP TEST...

STRIP AND CRIMP THREE CONTACTS USING TEST WIRE. TEST THE  
SAMPLE CRIMPS PER GTC-2081. RECORD RESULTS. IF FAIL,  
CONTACT ENGINEERING.

CRIMP TEST: BY: stats DATE: 2/19/05 STATUS Pass

R. MANNION 1970

\* ASSEMBLY ACTIVITY...

- 1) FEED WIRE DIRECTLY OFF THE SPOOL TO THE STRIPPER.
- 2) STRIP THE INSULATION LEAVING THE SLUG, 1/8" (3.2mm).
- 3) CUT THE WIRE OFF AT THE INDICATED LENGTH, AND QUANTITY.  
CUT 6 PIECES TO 1-1/8" (1.125") LONG. USE PROGRAM # 89
- 4) STRIP SECOND END USING THERMAL TWEEZERS, 3/16" LONG. USE PROGRAM # 90 ON EUBANKS
- 5) TIN SECOND END BY SOLDER DIP. CLEAN WITH ALCOHOL.
- 6) PULL INSULATION SLUG AND CRIMP CONTACT (22D) ONTO LEAD.  
USE M22520/2-01 CRIMPER W/ X22520-2-05 TORRET/LOCATOR.

Equipment CHANGE: EUBANKS  
3/16" strip length to 1/4"  
(19)  
Pass Crimp Tensile Strength Sheet attached  
H. B. 3-01-05  
H. B. 2-8-05

①②③④ - performed using S. J. 3/16 (19)

ON EUBANKS

GTC-A-463  
K42 - mm

\* POST-ASSY CRIMP TEST...

STRIP AND CRIMP THREE CONTACTS USING TEST WIRE. TEST THE  
SAMPLE CRIMPS PER GTC-2081. RECORD RESULTS. IF FAIL,  
CONTACT ENGINEERING.

CRIMP TEST: BY: R. MANNION DATE: 2/19/05 STATUS Pass

DATE	QTY	REMARKS	STAT
2/10/05	4	8 7/8 (39) @ 1 1/8 (39) @ 4 each	GM1970
3.10.05	8	1 1/8 (350) 1" (200) 1 5/16 (175)	H.G. #1941
3.11.05	8	1 1/8 strips	H.G. #1941

3.11.05 8 5/16 strips H.G. #1941

3.11.05 crimps 1 5/16 H.G. #1941

3-0-05 MV 1942 1" strips

3-12-05 turning H.G. #1941 1 5/16

3-14-05 crimp/tin 1" (46) H.G. #194

3-14-05 crimp/tin 1 1/8 (92) H.G. #194

3-14-05 crimp/tin 1 1/8 (235) H.G. #194

3-14-05 crimp/tin (26) 1" H.G. #194

- \* pre-Asst crimp test 2.28.05 Pass H.G. #1941
- pre-Asst crimp test 3.1.05 Pass H.G. #1941
- u " 3.2.05 Pass H.G. #1941
- u " 3.3.05 Pass H.G. #1941
- no crimping on 3.4.05
- pre-Asst crimp test 3.5.05 Pass H.G. #1941
- u " 3.7.05 Pass H.G. #1941
- pre-Asst crimp test 3.14.05 Pass H.G. #1941
- post-Asst crimp test 3.21.05 Pass H.G. #1941

See page  
3A - continued  
JLH

WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 4

Assy/PN: LAT-DS-02888  
ASSY, CABLE, CONN. TEM

WOB 112026  
REQ DATE 02-04-05  
REQ DATE 01-31-05  
JOB# 0000048799

CUST P#  
QTY  
PROJECT# 717200  
CUST# 15356

LI# DEPT MACH# OP# DESCRIPTION..... HOURS  
SET-UP RUN... LINE-MACH ST-LOT:



4 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000  
OP# SLDR-78 ASSY-312

- \* INSPECT WIRE COUNT, STRIPS, CRIMPS, TINNING, AND CLEANING.
- \*\* RECORD DEFECT RECORD REPORT NUMBER(S) BELOW.

DRR#(S)

DATE	QTY	REMARKS	STATUS
2/17/05	4	7/8" 39 pieces	(970)
	4	1/8" 39 pieces	(970)
3/4/05		(Redone)	(970)



5 220 00 CABLE/HARNESS ASSY AREA 0.0000 0.0000 0.0000  
OP# SLDR-78 ASSY-78  
INSERT CRIMP CONTACTS TO CONNECTOR

- \* INSERT TERMINATED WIRES TO CONNECTOR.
- ...INSERT LONGER WIRES (1-5/16") INTO HOLE NUMBERS 1 THRU 20.
- ...INSERT SHORT WIRES (1/8") INTO HOLE NUMBERS 60 THRU 75.
- ASSURE CONTACT IS SEATED AND LOCKED INTO CONNECTOR.

DATE	QTY	REMARKS	STATUS
2/17/05	4		PM 1970
3-15-05	2		I.G.#1941
3-21-05	1		I.G.#1941

3/1/05 1/5" inspection y strip  
3/1/05 1/1" strips  
1" strip 3/1/05  
strips, crimps & tinning 3/1/05  
2-23-05  
Insert 1/8" wires into 21 Through 59



6 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000  
OP# SLDR-0 ASSY-78

- \* INSPECT INSERTED WIRES.
- \*\* RECORD DEFECT RECORD REPORT NUMBER(S) BELOW.

DRR#(S)

ROUTE FOR W/O CLOSURE AND DELIVERY TO NEXT ASSY LAT-DS-02846.

DATE	QTY	REMARKS	STATUS
2/12/05	4	AMP 206504-1 conn inserts, step 5.	(970)
3-15-05	2	AMP 206504-1 conn, check insert	(970)
3/21-05	1		(970)
3/22/05	3	conn.	(970)

WORK ORDER : 112026

( NEW )

WORK ORDER PICK LIST

PAGE: 1

MSBY # : LAT-DS-02588  
QUANTITY : 19  
LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE: 02-04-05  
RELEASE DATE : 01-31-05  
DATE PRINTED : 02-07-05

DATE PULLED: \_\_\_\_\_

PULLED BY: \_\_\_\_\_

LINE #	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL			
			REQUIRED QUANTITY	CURR STATUS				LOT	LOT DATE	BIN	
1	206504-1 AMPLIMITE ORIGINAL QUANTITY...	EA	1.00	RSVD	19.00	114794	SKCF2 FN-1	114794	22.00	09-23-04	
<p>The following parts have been defined as alternates for 206504-1:          LIS 1:1 111P407-5P-B-15 1 PER          Partial quantity replacements are allowed.</p>											
2	M22755/11-24-9 WIRE, 24AWG, WHITE ORIGINAL QUANTITY...	IN	102.00	RSVD	1938.00	115299	SKCF2 FN-3	115299	35994.00	09-01-04	
<p>The following parts have been defined as alternates for 204370-8:          LIS 1:1 308P1 1 PER          Partial quantity replacements are allowed.</p>											
3	204370-8 PIN, CRIMP ORIGINAL QUANTITY...	EA	84.00	RSVD	1596.00	114796	SKCF2 FN-2	114796	1997.00	09-23-04	IN ASSY
							FN-2	115041	972.00	09-27-04	F17200

19

1938

1596



0750

## CRIMP TENSILE STRENGTH LAT-DS-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	RHODA MARMON / 1970	TEST DATE
CONTACT PN:	204370-8	2/09/05
WIRE PN:	M22759/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A-830)	RHODA MARMON 1970
DIE/LOCATOR PN (GTC Tool #):	M22520/02-09 (GTC-A-831)	WORK ORDER NO.
SELECTOR VALUE:	-3	112026
TEST EQUIP # (Last CAL date):	ALPHATRON MPF 200A (6.17.04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

## OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	11.8	12.9	12.9
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS	<input type="radio"/> FAIL	<input checked="" type="radio"/> PASS
	Type of Separation Observed		
SLIP (pull out) {a}			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) {b}			
CONTACT BROKEN IN CRIMP AREA (some or all) {c}			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) {d}	✓	✓	✓
CONTACT BROKEN OUTSIDE OF CRIMP AREA {e}			
OTHER (define) {f}			
SPECIAL INSTRUCTIONS (as reqd):			

1500

## CRIMP TENSILE STRENGTH LAT-05-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	/	TEST DATE
CONTACT PN:		2/09/05
WIRE PN:		TESTED BY
CRIMP TOOL PN (GTC Tool #):	(GTC- )	Rose Maxwell 1970
DIE/LOCATOR PN (GTC Tool #):	(GTC- )	WORK ORDER NO.
SELECTOR VALUE:		112026
TEST EQUIP # (Last CAL date):	( )	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

## OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.2	13.4	13.5
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL
	Type of Separation Observed		
SLIP (pull out) {a}			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) {b}			
CONTACT BROKEN IN CRIMP AREA (some or all) {c}			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) {d}	✓	✓	✓
CONTACT BROKEN OUTSIDE OF CRIMP AREA {e}		✓ RN	✓ RN
OTHER (define) {f}			
SPECIAL INSTRUCTIONS (as reqd):			

0830

## CRIMP TENSILE STRENGTH

LAT-DS-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	RHODA MARLINO / 1970	TEST DATE
CONTACT PN:	204370-8	2-15-05
WIRE PN:	M22759/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A 930)	RHODA MARLINO 1970
DIE/LOCATOR PN (GTC Tool #):	M22520/02-09 (GTC-A 831)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	ALPHATRON MPF 200A (6.17.04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

## OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	12.8	13.5	13.3
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input type="radio"/> PASS <input type="radio"/> FAIL
	Type of Separation Observed		
SLIP (pull out) (a)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)			
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			
SPECIAL INSTRUCTIONS (as reqd):			

132213 1355

# CRIMP TENSILE STRENGTH

LAT-05-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	1	TEST DATE
CONTACT PN:		2/15/05
WIRE PN:		TESTED BY
CRIMP TOOL PN (GTC Tool #):	(GTC- )	STONIA MARNARD
DIE/LOCATOR PN (GTC Tool #):	(GTC- )	WORK ORDER NO.
SELECTOR VALUE:		1102/12026
TEST EQUIP # (Last CAL date):	( )	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

## OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.3	12.6	13.3
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL
	Type of Separation Observed		
SLIP (pull out) {a}	✓	<del>✓</del>	
CONDUCTOR BROKEN IN CRIMP AREA (some or all) {b}		✓	✓
CONTACT BROKEN IN CRIMP AREA (some or all) {c}			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) {d}			
CONTACT BROKEN OUTSIDE OF CRIMP AREA {e}			
OTHER (define) {f}			

SPECIAL INSTRUCTIONS (as reqd):

1:10 PM.

## CRIMP TENSILE STRENGTH

Lat-05-02588

MIL-STD-1344: METHOD 2003.1

TEST TYPE (circle one):	<b>PRE - PROD</b>	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Heckie Gray 1#141	TEST DATE
CONTACT PN:	704370-8	2.28.05
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC 1-830)	Heckie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-09 (GTC 1-831)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	Alpation MPF200A ( <del>67104</del> ) 1.18.05	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

## OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.5	13.0	12.0
PASS/FAIL (circle test result)	<b>PASS</b> FAIL	<b>PASS</b> FAIL	<b>PASS</b> FAIL
	Type of Separation Observed		
SLIP (pull out) {a}			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) {b}		✓	
CONTACT BROKEN IN CRIMP AREA (some or all) {c}			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) {d}	✓		✓
CONTACT BROKEN OUTSIDE OF CRIMP AREA {e}			
OTHER (define) {f}			

SPECIAL INSTRUCTIONS (as reqd):

8:45 a.m.

## CRIMP TENSILE STRENGTH Lot-15-02588

MIL-STD-1344: METHOD 2003.1

TEST TYPE (circle one):	<b>PRE - PROD</b>	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1#1941	TEST DATE
CONTACT PN:	204370-B	3.1.05
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC 1.830)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-09 (GTC 1.831)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	Alphatron MPF 200A (6/20/04) 11805	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

## OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.8	13.5	13.8
PASS/FAIL (circle test result)	<b>PASS</b> FAIL	<b>PASS</b> FAIL	<b>PASS</b> FAIL
	Type of Separation Observed		
SLIP (pull out) (a)			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)		✓	
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)	✓		✓
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			
SPECIAL INSTRUCTIONS (as reqd):			

7:47 a.m.

# CRIMP TENSILE STRENGTH Lot-DS-02589

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<b>PRE</b> - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 127941	TEST DATE
CONTACT PN:	204370-8	3305
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC 830)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 2-01 (GTC 831)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	Alderson MPF 200A <del>11-17-05</del> 16-17-04	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

## OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.5	13.6	13.4
PASS/FAIL (circle test result)	<b>PASS</b> FAIL	<b>PASS</b> FAIL	<b>PASS</b> FAIL

### Type of Separation Observed

	No. 1	No. 2	No. 3
SLIP (pull out) (a)			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)			
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)	✓	✓	
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			

SPECIAL INSTRUCTIONS (as reqd):

9:50 A.M.

## CRIMP TENSILE STRENGTH

Lot DS-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<b>PRE</b> - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1#1941	TEST DATE
CONTACT PN:	204370-8	3.605
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC 1102)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22920 / 2-09 (GTC 831)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	Adatron MPF 20A (6.17.04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

## OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.4	13.2	13.4
PASS/FAIL (circle test result)	<b>PASS</b>	FAIL	<b>PASS</b>
Type of Separation Observed			
SLIP (pull out) (a)			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)			✓
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)	✓	✓	
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			

SPECIAL INSTRUCTIONS (as reqd):



8:50 A.M.

## CRIMP TENSILE STRENGTH Cat-05-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<u>PRE - PROD</u>	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Hebbie Gray #1941	TEST DATE
CONTACT PN:	204370-8	3.7.05
WIRE PN:	M2259 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-d (GTC# 830)	Hebbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-09 (GTC# 851)	WORK ORDER NO.
SELECTOR VALUE:	3	117026
TEST EQUIP # (Last CAL date):	Alphatec MPF700A (1-18-05)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

## OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.0	12.8	13.0
PASS/FAIL (circle test result)	<u>PASS</u> FAIL	<u>PASS</u> FAIL	<u>PASS</u> FAIL
	Type of Separation Observed		
SLIP (pull out) {a}			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) {b}		✓	
CONTACT BROKEN IN CRIMP AREA (some or all) {c}			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) {d}	✓		✓
CONTACT BROKEN OUTSIDE OF CRIMP AREA {e}			
OTHER (define) {f}			
SPECIAL INSTRUCTIONS (as reqd):			

# CRIMP TENSILE STRENGTH

Lot 15-02583

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<input checked="" type="radio"/> PRE <input type="radio"/> PROD	<input type="radio"/> POST - PROD
CRIMP OPERATOR NAME/EMP #:	Hebe Gray 1#1941	TEST DATE
CONTACT PN:	204370-8	3/4/05
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22759 / 2-01 (GTC #102)	Hebe Gray
DIE/LOCATOR PN (GTC Tool #):	M22759 / 2-09 (GTC #831)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	HPD 11/11/04 MPT-2004 (6.17.04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

## OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.4	12.9	13.2
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL
	Type of Separation Observed		
SLIP (pull out) {a}			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) {b}			
CONTACT BROKEN IN CRIMP AREA (some or all) {c}			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) {d}	✓	✓	✓
CONTACT BROKEN OUTSIDE OF CRIMP AREA {e}			
OTHER (define) {f}			

SPECIAL INSTRUCTIONS (as reqd):

# CRIMP TENSILE STRENGTH CAT-DS-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	<b>POST</b> - PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1 # 1441	TEST DATE
CONTACT PN:	204370-8	3.21.05
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC 4100)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-09 (GTC 4836)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	Alperton MPT-200A (6.17.04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

## OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.6	13.4	13.8
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS    FAIL	<input checked="" type="radio"/> PASS    FAIL	<input checked="" type="radio"/> PASS    FAIL
	Type of Separation Observed		
SLIP (pull out) {a}			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) {b}		✓	
CONTACT BROKEN IN CRIMP AREA (some or all) {c}			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) {d}	✓		✓
CONTACT BROKEN OUTSIDE OF CRIMP AREA {e}			
OTHER (define) {f}			

SPECIAL INSTRUCTIONS (as reqd):

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Assy LAT-DS-02588

CRIMP TENSILE STRENGTH					
MIL-STD-1344: METHOD 2003.1					
TEST TYPE (circle one):		PRE - PROD		POST - PROD	
CRIMP OPERATOR NAME/EMP #:	Dora 11337				TEST DATE
CONTACT PN:	204370-8 (C08PI)				4/28/05
WIRE PN:	M22759/11-24-9				TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-FF610)				Dora
DIE/LOCATOR PN (GTC Tool #):	M22530-2-09 (GTC- )				WORK ORDER NO.
SELECTOR VALUE:	3				112096
TEST EQUIP # (Last CAL date):	6/17/04 <sup>DIG</sup> 6/17/05 <sup>GTR 750</sup>				
PULL RATE:	1" +/- .25" per min.		OTHER PULL RATE:		
OBSERVATIONS/VALUES					
SAMPLE NUMBER:	No. 1		No. 2		No. 3
MINIMUM TENSILE STRENGTH:	10.0		10.0		10.0
MEASURED TENSILE STRENGTH:	13.7		13.5		13.4
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL		<input checked="" type="radio"/> PASS <input type="radio"/> FAIL		<input checked="" type="radio"/> PASS <input type="radio"/> FAIL
Check Failure Mode Observed					
SLIP (pull out) (a)	13.7 ✓				✓
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)					
CONTACT BROKEN IN CRIMP AREA (some or all) (c)					
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)			✓		
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)					
OTHER (define) (f)					
SPECIAL INSTRUCTIONS (as reqd):					



# GENERAL TECHNOLOGY CORPORATION NONCONFORMANCE MATERIAL/RMA REPORT

<p><b>NCMR NUMBER</b> <input style="width: 50px;" type="text" value="2323"/></p> <p><b>DATE</b> <input style="width: 50px;" type="text" value="4/25/2005"/></p> <p><b>CUSTOMER</b> <input style="width: 100px;" type="text" value="SLAC"/></p> <p><b>CUSTOMER CONTACT</b> <input style="width: 100px;" type="text" value="Pat Lujan"/></p> <p><b>VENDOR</b> <input style="width: 100px;" type="text"/></p> <p><b>PART NUMBER</b> <input style="width: 100px;" type="text" value="LAT-DS-02388"/></p> <p><b>LOT QUANTITY</b> <input style="width: 50px;" type="text" value="19"/></p> <p><b>SALES ORDER</b> <input style="width: 100px;" type="text" value="F17300"/></p> <p><b>PURCHASE ORDER</b> <input style="width: 100px;" type="text" value="48800"/></p> <p><b>LOT NUMBER</b> <input style="width: 100px;" type="text" value="All TPS"/></p> <p><b>WORK ORDER</b> <input style="width: 100px;" type="text"/></p> <p><b>INITIATOR</b> <input style="width: 100px;" type="text" value="Pat Lujan"/></p> <p><b>ASSIGNED TO</b> <input style="width: 100px;" type="text" value="Tarkington"/></p> <p><b>DATE REQUIRED</b> <input style="width: 50px;" type="text" value="4/28/2005"/></p> <p><b>ASSIGNED TO SIGNATURE</b> <input style="width: 100px;" type="text"/></p>	<p><b>CUSTOMER RETURN</b> <input type="checkbox"/></p> <p><b>RMA NUMBER</b> <input style="width: 50px;" type="text"/></p> <p><b>QUANTITY RETURNED</b> <input style="width: 50px;" type="text"/></p> <p><b>VENDOR DEFECT</b> <input type="checkbox"/></p> <p><b>QUANTITY REJECTED</b> <input style="width: 50px;" type="text"/></p> <p><b>PRODUCTION DEFECT</b> <input type="checkbox"/></p> <p><b>QUANTITY REJECTED</b> <input style="width: 50px;" type="text"/></p> <p><b>REWORK REQUIRED</b> <input checked="" type="checkbox"/></p> <p><b>QUANTITY REWORKED</b> <input style="width: 50px;" type="text" value="19"/></p> <p><b>PURCHASING DEFECT</b> <input type="checkbox"/></p> <p><b>PURCHASING QUANTITY REJECTED</b> <input type="checkbox"/></p>
<b>DISCREPANCY</b>	<p>IS: Cable Tie are trimmed below strap head.</p> <p>Should Be: Per NASA-STD-8739.4 Para. 9.6.2. Cable ties should be trimmed flush at the strap head.</p>
<b>NOTES</b>	<p>During Qual - 2 the material used to stake the cable tie heads did not adhere properly. The requirement was deleted from the drawing.</p>
<b>CAUSE</b>	<p>Tool used to install cable ties was not adjusted properly.</p>
<b>CORRECTIVE ACTION</b>	<p>Install cable ties with properly adjusted tool or manually Per NASA-STD_8739.4 Para. 9.6.2. Stake with Hysol 0151. Add Staking requirements to drawing. Rework all assemblies per rework traveler.</p>
<b>FINAL DISPOSITION</b>	<input style="width: 100px;" type="text" value="REWORK"/>
<b>Q/A APPROVAL</b>	<input style="width: 100px;" type="text" value="E-mails on file"/>
<b>Q/A APPROVAL DATE</b>	<input style="width: 50px;" type="text" value="4/15/2005"/>
<b>COST OF QUALITY</b>	<input style="width: 100px;" type="text"/>

**GENERAL TECHNOLOGY CORPORATION**  
**NONCONFORMANCE MATERIAL/RMA REPORT**

*COST OF QUALITY*

# GENERAL TECHNOLOGY CORPORATION NONCONFORMANCE MATERIAL/RMA REPORT

<p><b>NCMR NUMBER</b> <input style="width: 50px;" type="text" value="2323"/></p> <p><b>DATE</b> <input style="width: 50px;" type="text" value="4/25/2005"/></p> <p><b>CUSTOMER</b> <input style="width: 100px;" type="text" value="SLAC"/></p> <p><b>CUSTOMER CONTACT</b> <input style="width: 100px;" type="text" value="Pat Lujan"/></p> <p><b>VENDOR</b> <input style="width: 100px;" type="text"/></p> <p><b>PART NUMBER</b> <input style="width: 100px;" type="text" value="LAT-DS-02388"/></p> <p><b>LOT QUANTITY</b> <input style="width: 50px;" type="text" value="19"/></p> <p><b>SALES ORDER</b> <input style="width: 100px;" type="text" value="F17300"/></p> <p><b>PURCHASE ORDER</b> <input style="width: 100px;" type="text" value="48800"/></p> <p><b>LOT NUMBER</b> <input style="width: 100px;" type="text" value="All TPS"/></p> <p><b>WORK ORDER</b> <input style="width: 100px;" type="text"/></p> <p><b>INITIATOR</b> <input style="width: 100px;" type="text" value="Pat Lujan"/></p> <p><b>ASSIGNED TO</b> <input style="width: 100px;" type="text" value="Tarkington"/></p> <p><b>DATE REQUIRED</b> <input style="width: 50px;" type="text" value="4/28/2006"/></p> <p><b>ASSIGNED TO SIGNATURE</b> <input style="width: 100px;" type="text"/></p>	<p><b>CUSTOMER RETURN</b> <input type="checkbox"/></p> <p><b>RMA NUMBER</b> <input style="width: 50px;" type="text"/></p> <p><b>QUANTITY RETURNED</b> <input style="width: 50px;" type="text"/></p> <p><b>VENDOR DEFECT</b> <input type="checkbox"/></p> <p><b>QUANTITY REJECTED</b> <input style="width: 50px;" type="text"/></p> <p><b>PRODUCTION DEFECT</b> <input type="checkbox"/></p> <p><b>QUANTITY REJECTED</b> <input style="width: 50px;" type="text"/></p> <p><b>REWORK REQUIRED</b> <input checked="" type="checkbox"/></p> <p><b>QUANTITY REWORKED</b> <input style="width: 50px;" type="text" value="19"/></p> <p><b>PURCHASING DEFECT</b> <input type="checkbox"/></p> <p><b>PURCHASING QUANTITY REJECTED</b> <input style="width: 50px;" type="text"/></p>
<b>DISCREPANCY</b>	<p>(S) Cable Tie are trimmed below strap head. Should Be: Per NASA-STD-8739.4 Para. 9.6.2, Cable ties should be trimmed flush at the strap head.</p>
<b>NOTES</b>	<p>During Qual + 2 the material used to stake the cable tie heads did not adhere properly. The requirement was deleted from the drawing.</p>
<b>CAUSE</b>	<p>Tool used to install cable ties was not adjusted properly.</p>
<b>CORRECTIVE ACTION</b>	<p>Install cable ties with properly adjusted tool or manually Per NASA-STD_8739.4 Para 9.6.2 Stake with Hysol 0151. Add Staking requirements to drawing. Rework all assemblies per rework traveler.</p>
<b>FINAL DISPOSITION</b>	<input style="width: 100px;" type="text" value="REWORK"/>
<b>Q/A APPROVAL</b>	<input style="width: 100px;" type="text" value="E-mails on file"/>
<b>Q/A APPROVAL DATE</b>	<input style="width: 50px;" type="text" value="4/15/2006"/>
<b>COST OF QUALITY</b>	<input style="width: 100px;" type="text"/>



# GENERAL TECHNOLOGY CORPORATION

## NONCONFORMANCE MATERIAL/RMA REPORT

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<b>DISCREPANCY</b>	<p>IS: Cable Tie are trimmed below strap head.</p> <p>Should Be: Per NASA-STD-8739.4 Para. 9.6.2. Cable ties should be trimmed flush at the strap head.</p>
<b>NOTES</b>	<p>During Qual + 2 the material used to stake the cable tie heads did not adhere properly. The requirement was deleted from the drawing.</p>
<b>CAUSE</b>	<p>Tool used to install cable ties was not adjusted properly.</p>
<b>CORRECTIVE ACTION</b>	<p>Install cable ties with properly adjusted tool or manually Per NASA-STD_8739.4 Para 9.6.2. Stake with Hysol 0151. Add Staking requirements to drawing. Rework all assemblies per rework traveler.</p>
<b>FINAL DISPOSITION</b>	<input style="width: 100px;" type="text" value="REWORK"/>
<b>Q/A APPROVAL</b>	<input style="width: 100px;" type="text" value="E-mails on file"/>
<b>Q/A APPROVAL DATE</b>	<input style="width: 50px;" type="text" value="4/18/2005"/>
<b>COST OF QUALITY</b>	<input style="width: 100px;" type="text"/>

**GENERAL TECHNOLOGY CORPORATION**  
**NONCONFORMANCE MATERIAL/RMA REPORT**

*Q/A APPROVAL DATE*

4/15/2005

*COST OF QUALITY*

PART#	DESC.	QTY	FROM LOT#	FROM LOT
1210R563K251YHTM	CAPACITOR	16.00	114802	260435016
5962-R759406XA	IC, 1M185BYH-2.5, NSC	3.00	114805	TR5541E019
5962R9568101VXC	IC	1.00	114814	F2599DATA
5962R9852030YC	IC	5.00	123441	D/C 0408
5962R98651030YC	IC	4.00	120289	D/C 0407
CER31BX472BKUS	CAPACITOR	249.00	114801	LOT 0422-181
CER33BX473AKUS	CAPACITOR	53.00	114799	LOT 04198
CWR09PC476KDB	CAPACITOR	49.00	114800	LOT 0417
CWR11FH105KDB	CAPACITOR	36.00	120284	D/C 0426 LOT 0425ABS2
CWR11FH475KDB	CAPACITOR	2.00	120285	D/C 0430
H0705CPXD00	THICK FILM TUMPER	151.00	114817	LOT TR107039
JANXY1N4153UR-1	DIODE	2.00	114806	LOT V-5809
LAT-DS-01026	PLATE, CONN, TEM	1.00	114784	NO LOT
LAT-DS-01031	PIN, CONNECTOR, TEM	2.00	114785	CONN PLATE
LAT-DS-01649	PMB, TEM	1.00	120299	NO LOT
LAT-DS-02588	ASSY, CARTR, CONN, TEM	1.00	130033	CONN PIN
LAT-DS-03582	STANDOFF	2.00	114787	D/C 4904, 3441
LAT-DS-03894	IC	1.00	123758	NO LOT
LAT-DS-03895	IC	1.00	123759	EXAMPLE STANDOFF 4-40
LAT-TD-01812	IC	8.00	114816	NO LOT
LAT-TD-01814	IC	4.00	114813	NO LOT
M55342K06B100DR	RESISTOR, CHIP, 100W, 100 OH	60.00	114822	LOT TR107035
M55342K06B100DR	RESISTOR, CHIP, 100W, 100K	50.00	114823	LOT TR107045
M55342K06B100ER	RESISTOR, CHIP, 100W, 10K	23.00	114836	LOT TR107038 (250)
M55342K06B10EOR	RESISTOR, CHIP, 100W, 10K	55.00	114818	LOT TR108589 (457)
M55342K06B1F00R	RESISTOR, CHIP, 100W, 1K OH	2.00	114819	LOT TR107040
M55342K06B200DR	RESISTOR, CHIP, 100W, 1M OHM	2.00	114824	LOT TR107041
M55342K06B22D1R	RESISTOR	205.00	114821	LOT 107036
M55342K06B49D9R	RESISTOR, CHIP, 100W, 49.9	1.00	36398	LOT 112409
M55342K06B49D9R	RESISTOR, CHIP, 100W, 49.9	3.00	114827	LOT TR110001
M55342K06B5E11R	RESISTOR	2.00	114829	LOT TR110002

M55342K09B10F0R	RESISTOR	2.00	114829	LOT 107942
M55342K09B1F00R	RESISTOR	2.00	114828	LOT 1095091
MAX145AE0A	IC	36.00	114809	LOT 0710
MAX5121AEFE	IC	2.00	114810	LOT 0144
MCR-1051-1B1	CONNECTOR	9.00	114803	D.C 0404
MCR-1069-1B1	CONNECTOR	4.00	114804	D.C 0615
MS24671-2	SCREW	4.00	114796	76436
MS51957-13	SCREW, PHHD, 4-40 X .25	2.00	93945	
MS1352NC2-R	SCREW	26.00	114786	70494-2
MS620-C2	PLATWASHER	52.00	114789	M062504R
MS671-C2	NUT	26.00	114791	50234
S311P18-09S7R6	THERMISTOR, 30K	2.00	114825	D.C 0301188
SMD050	FUSE, PLYCHEM/POLYTRICH	4.00	114807	D.C 0448
SMD075	IC	4.00	114926	D.C 0332

WO.LOTS 05-05 PAGE 2

PARTS ISSUED TO WO 112026

07-

PART#.....	DESC.....	QTY.....	FROM LIST#.....	FROM LOT#
204370-8	PIN, CRIMP	1556.00	114796	1JMS7754
206504-1	AMPLIMITE	19.00	114796	00409
M22759/11-24-9	WIRE, 24AWG, WHITE	1938.00	115299	40190

NOTES.....

WO, LOTS  
05-05 PAGE 3

PARTS ISSUED TO WO 112043

07-

PART#.....	DESC.....	QTY.....	FROM LOT#.....	FROM LOT
204370-8	FIN, CRIMP	380.00	104796	LNMB 7/54
204370-8	FIN, CRIMP	500.00	129543	
LAT-DS-02830	ASSY, CABLE, 2PS 1/P PWR	19.00	114946	LOT 0414 , 0351
M22759/11-24-2/9	WIRE, 24AWG RED/MILT	5700.00	115300	

PART#..... NOTES.....	DESC.....	QTY.....	FROM LOT#.....	FROM LOT
G08S1	CONTACT (206071-1)	972.00	115022	LPT 04153
G08S1	CONTACT (206071-1)	519.00	125762	D/C 04153 LOT#
G08S1	CONTACT (206071-1)	400.00	128557	D/C 04153 LOT#
LHM91466	ASSY, CABLE, TPS O/P PWR	18.00	114947	LPT D/C 0413
LAW-DS-02831 M22759/11-24-9	WIRE, 24AWG, WHITE	16340.00	215299	46190

PART#	DESC.	QTY	FROM LOT#	FROM LOT
1210B563K251YH7M	CAPACITOR	12.00	114902	2004J5016
32763-31	INDUCTOR	2.00	114965	SLAC LOT#0412
32786-31	INDUCTOR	12.00	114964	SLAC LOT#0413
5962L8771002VXA	IC	2.00	114962	SLAC LOT#H3C0409A
5962R9582602VXC	IC	6.00	120302	328AERS, 239ABBY
5962R9663501VXC	IC	5.00	120301	D7C351
ARF461	IC FILTER	1.00	114959	D7C 0439
CDR04HX104AKUS	CAP, .1uf, 50V	32.00	114915	SLAC LOT#0404
CDR31BP100BKUS	CAPACITOR	14.00	114938	SLAC LOT#0405BG
CDR31BP101BKUS	CAPACITOR	4.00	114964	SLAC LOT#0349HM
CDR31BP470BKUS	CAPACITOR	4.00	115090	SLAC LOT#0420FN
CDR31BX102BKUS	CAPACITOR	2.00	114936	SLAC LOT#0420RL
CDR32BX103BKUS	CAP 0.01UF 100V 10%	22.00	114937	SLAC LOT#0413EM
CDR33BX223BKUS	CAPACITOR	4.00	114940	SLAC LOT#0405VC
CDR33EX473AKUS	CAPACITOR	7.00	114759	LOT 0419B
CWR09FC476KDB	CAPACITOR	89.00	114943	SLAC LOT#0418
CWR09HC106KCB	CAPACITOR	4.00	114939	SLAC LOT#0409
D55342K07B402ER	RES, 402K, 1/4W, 1%	1.00	115001	SLAC LOT#112027
D55342K07B511ER	RESISTOR	10.00	115002	SLAC LOT#TR107816
H0705CFX000	THICK FILM JUMPER	15.00	114817	LOT#PR107039
IRHMJ597034	TRANSISTOR	3.00	114966	SLAC LOT#D321662
JANTXV1M4106UR-1	DIODE	4.00	114953	SLAC LOT#V-6966
JANTXV1M4153UR-1	DIODE	8.00	114949	SLAC LOT#V-5869
JANTXV1M4489US	DIODE	1.00	125757	
JANTXV1M4494US	DIODE	1.00	114925	SLAC LOT#Z301190
JANTXV1N5806US	DIODE INS8060US	8.00	114950	SLAC LOT#H0503008BA
JANTXV1N6485US	DIODE	1.00	114951	SLAC LOT#V-7501DC-
0349				
JANTXV1N6487US	DIODE	6.00	114952	SLAC LOT#V-752R
JANTXV2N2222AUB	TRANSISTOR NPN	21.00	120303	D7C0318
JANTXV2N2907AUB	TRANSISTOR	2.00	115007	SLAC D7C10730
JANTXV2N3439	TRANSISTOR	4.00	115006	LOT 0743
LAT-DS-02389	PWR, GLAST, PPS	1.00	120305	D7C 4304, 4804
LAT-DS-02465	HEAT SINK, TPS	4.00	115014	SLAC LOT# N/A



LAT-DS-02830-01	ASSY, CABLE, TPS I/P FWR	1.00	131754	
LAT-DS-02831-01	ASSY, CABLE, TPS O/P FWR	1.00	131754	
LAT-DS-03598	SUPPORT, CABLE HARNESS	2.00	120308	NO D/C OR LOT
LAT-DS-03598	SUPPORT, CABLE HARNESS	2.00	125327	
LAT-DS-04101	HEATSINK	2.00	120304	NO LOT OR D/C
M22759/11-24-9	WIRE, 24AWG, WHITE	1.00	115299	46190
M39006/22-0567H	CAPACITOR	30.00	114941	LOT D/C 0414CZ ,
0414CM				
M55342K06B100BP	RESISTOR	2.00	121769	
M55342H06B1321R	RESISTOR	4.00	114970	SIAC LOT#PR21501
M55342H06B2321R	RESISTOR	6.00	114979	SIAC LOT#RR21601
M55342K06B100DR	RESISTOR,CHIP,100W,100 OH	4.00	114822	LOT TR107035
M55342K06B100ER	RESISTOR,CHIP,100W,100 OH	13.00	114824	LOT TR107045
M55342K06B100ER	RESISTOR,CHIP,100W,100K	21.00	114987	SIAC LOT#TR107810
M55342K06B100ER	RESISTOR,CHIP,100W,10K O	3.00	114989	SIAC LOT#TR107832
M55342K06B13EGR	RESISTOR	1.00	114590	SIAC LOT#TR107619
M55342K06B15EGR	RESISTOR,CHIP,100W,15K O	2.00	114591	SIAC LOT#TR107620
M55342K06B18E2R	RESISTOR	6.00	114818	LOT TR107040
M55342K06B1E00R	RESISTOR,CHIP,100W,1K OH	3.00	114971	SIAC LOT#TR107523
M55342K06B1E21R	RESISTOR			

PART#	DESC	QTY	FROM LOT#	FROM LOT#
M55342K06B1E37R	RESISTOR	4.00	114972	SLAG LOT#TR10811
M55342K06B1F00R	RESISTOR, CHIP, 100W, 1% OHM	6.00	114819	LOT TR107041
M55342K06B20E0R	RESISTOR, 20kohms	8.00	27105	
M55342K06B20K0R	RESISTOR, 20kohms	8.00	114992	SLAG LOT#TR107621
M55342K06B22E1R	RESISTOR	5.00	114994	SLAG LOT#TR107623
M55342K06B2E74R	RESISTOR	3.00	114980	SLAG LOT#TR109928
M55342K06B301DR	RESISTOR	1.00	115000	SLAG LOT#TR112808
M55342K06B33E2R	RESISTOR	1.00	114995	SLAG LOT#TR112391
M55342K06B49E9R	RESISTOR, 49.9kohms	6.00	114996	SLAG LOT#TR107624
M55342K06B4E75R	RESISTOR	2.00	114901	SLAG LOT#TR108586
M55342K06B549ER	RESISTOR	2.00	115003	SLAG LOT#TR111507
M55342K06B5E11R	RESISTOR	2.00	114829	LOT TR110602
M55342K06B5E62R	RESISTOR	1.00	114984	SLAG LOT#TR107629
M55342K06B61E9R	RESISTOR	1.00	114997	SLAG LOT#TR107625
M55342K06B8E25R	RESISTOR	2.00	114985	SLAG LOT#109510
M55342K09B10D0R	RESISTOR	1.00	114986	SLAG LOT#TR109046
M55342K09B10F0R	RESISTOR	4.00	114826	LOT 107042
M55342K09B22D1R	RESISTOR	2.00	114828	LOT 109509
M55342K09B2E00R	RESISTOR	1.00	114993	SLAG LOT#TR107622
M55342K09B4E99R	RES, CHIP, 2.00K, 1%, 72W	1.00	115091	SLAG LOT#TR107617
MAX724ECK	IC	2.00	114982	SLAG LOT#TR5044
NAS1149CN432R	WASHER	7.00	114961	LOT D/C 0342PS
NAS1149CN632R	WASHER	4.00	115016	LOT M061404R
NAS1352N04-6	SCREW	19.00	115010	LOT A1205030
NAS1352N06-6	SCREW	4.00	114832	LOT A1205030
NAS671C4	NUT, HEX, SS, PASS, 4-40THRD	7.00	115011	76123
NAS671C6	NUT, #6, SS, PAF	4.00	115009	LOT 77477
RMR89SR200FR	FUSE	19.00	122955	LOT M127600L
RXE065	FUSE	1.00	114968	LOT D/C 15419237
RXE110	FUSE, POLYCATCH	2.00	114957	LOT D/C 0329
S311P1B-09S7R6	THERMISTOR, 30K	2.00	114958	D/C 0412
SSR1040STKV	DIODE	2.00	115004	LOT D/C 0300021
		7.00	114948	SLAG LOT#0404

WO. LOTS PAGE 7

PARTS ISSUED TO NO 113110

07-

PART #	DESC.	QTY	FROM LOT#	FROM LOT
LAT-DS-00554	TEM BOX BASE	1.00	120298	NO 4/C OF LOT#
LAT-DS-00555	TEM BOX LID	1.00	120297	NO 3/C OR LOT#
LAT-DS-01646	CCA, GLAST, TEM	1.00	130007	
NAS1352NO31B4	HARDWARE	26.00	114831	B080564B
NAS1352NO4-6	SCREW	29.00	114832	76123
NAS1352N3-8	HARDWARE	1.00	114833	74803

WO.LOTS PAGE 8

PARTS ISSUED TO WO 113218

07

PART#..... DESC..... QTY..... FROM LOT#..... FROM LOT  
NOTES.....

LAT-DS-00995	BASE, BOX, TPS	1.00	121725	
LAT-DS-00996	LID, BOX, TEM PS	1.00	121724	LCT D/C 78364
NAS1352ND4-4	SECRET	20.00	115019	
NAS1352ND4-6	SECRET	30.00	115012	LCT D/C 76123

WO LOTS  
03-05 PAGE 9

PARTS ISSUED TO WO 113236

07

PART#.....  
NOTES.....

DESC.....

QTY.....

FROM LOT#.....

FROM LOT

LAT-DS-01487

SCREW, SKTHD CAP, 832X.6Z

40.00

120307

LOT 68402-1-1