



**CRANE**  
CONTACT A  
ELECTRONICS

**General Technology Corporation**

1450 MISSION AVENUE NE  
ALBUQUERQUE, NM 87107

TEL: (505) 345-5591  
FAX: (505) 343-7653

## SHIPPING REQUEST FORM

(SHIPPING REQUIRES TWO COPIES OF THIS FORM)

Ship to Address:

Date: 6/10/5

Company Name: Stanford Linear Accelerator

Attn: Gunther Haller, MS 96

Address: 2575 Sand Hill Road

City, State, Zip Menlo Park, CA 94025

Tel: 650-926-4257

Ext #

### SHIPPING METHOD

Freight Charges: GTC Pays  Collect  Acct# 1703-7296-4  
Shipping Code: FXPI

Item NO.	QTY SHPD.	DESCRIPTION
1		DATA PACK FOR GT110 GLAT1837

Name: JR FOX

Dept CONTRACTS Ext# 3050

Ship Date: 6/10/5

Contract / P.O. # 53627 GTC Job # F17301

**END-ITEM DATA PACKAGE – LAT-DS-01643; Serial Number: GT110 GLAT1237**

*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# 113229 : S/N (above SN)

TPS Unit; LAT-DS-01482 WO# 113212 : S/N GT112 GLAT1820

TPS CCA; LAT-DS-02388 WO# 112065 : S/N GT112 GLAT1782

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# 113123 : S/N GT122 GLAT1811

TEM CCA; LAT-DS-01646 WO# 112022 : S/N GT122 GLAT1773

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-01646 # 2356 )

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 - 56 )

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

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

LAT-TD-02391; Rev No. (PI - 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: GT110 GLAT1337

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: TEST ID: 23605

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

(LAT-DS-02388/29485, 29621, 30332, 30513, LAT-DS-01646/29685, 30176, 30312,  
LAT-DS-02830/29547 31701)

(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 {✓}

3/4 view of TEM LAT-DS-01481 {✓} 3/4 view of TPS Unit LAT-DS-01482 {✓}

3/4 view of TEM/TPS Unit LAT-DS-01643 {✓}

Completed by: Emilia Martinez

Date: 6-2-05

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

Date: 6-2-05

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

Date: 6-9-05



GENERAL TECHNOLOGY CORP.  
1450 MISSION AVENUE NE  
ALBUQUERQUE NM 87107  
FSCM 61666

SHIPPER  
SHIPPER NUMBER F17301.6  
SALES ORDER NUMBER F17301  
SHIP DATE 08/02/05  
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.

1	22	EA	LAT-DS-01643 ASSY, UNIT-TEM/TPS S/N: GT110 GLAT1837. QTY DUE...: 12	52	1.00	1	130570
---	----	----	------------------------------------------------------------------------------	----	------	---	--------

SHIP.VIA: UPSR  
WAYBILL#:

-----  
Certificate of Conformity

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.

*Suzie Martinez*  8/2/05  
Quality Assurance Signature

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

WORK CELL: 1-810 BINDER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

FOR LAT-DS-01640  
UNIT-TRM/TFB

MC# 213329  
DATE 05 06 05  
DATE 05 21 05  
FO# 00100101  
FO# 001003027

CUST QTY 1  
PROJECT# 117001  
COST# 10255

SERIAL NUMBER \*\*\*\*\*  
GT110 GLAT1837

APPROVAL:\*\*\*  
PROD: PH/S-3-05  
02/12/05

WORKMANSHIP:\*\*\*\*\*  
190/ETA-3-RFD-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.  
=gln 02.02.05\*\*\*\*\*

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



1 200 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000

\*\*\*\*\* CONFIGURATION DOCUMENTS \*\*\*\*\*  
ARMY DWG: LAT-DS-01640 REV PD/PL OUTSTANDING EO'S  
SON PL: /RMB - ON DWG 92 NONE  
CUST SW- LAT PS 02018/03078 01 NONE  
ASSY AC: (NOT APPLICABLE) WAS SK-182, SW DELETED DTC DO.  
CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)  
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>later</u>



2 201 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000

\* PROCESS MATERIAL PER CAR STEP 2

DATE	QTY	REMARKS	STATUS
<u>5/17/05</u>	<u>1</u>		<u>LDIA</u> <u>3007</u>



WORK CELL: 1-310 RIDGEMAN

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

W/PN# LAT-06-01443  
W/ UNIT TEM/778

WD# 113229  
RPO DATE 05-04-05  
REL DATE 04-21-05  
SC# 217301  
TC# 0000083627

CUST #  
PROJECT # 217301  
COST# 10200

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  
INSTALL SCREWS JOINING  
THE TEM & TPS BOX ASSYS.

\* PROCESS ASSY PER CAA STEP 3.

DATE: 06/01/05 QTY: 1 REMARKS: STATUS: Byp(1288)



4 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
TORQUE FASTENERS.

\* PROCESS ASSY PER CAA STEP 4.

\*\* ALERT SLAC CAR TO WITNESS TORQUE PROCESS.--

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

TORQUE TOOL = GTC-A977  
GTC-E-144 CAL DUE DATE: 08/05

DATE: 06/01/05 QTY: 1 REMARKS: STATUS: Byp(1288)

6.105 1 WITNESS TORQUE



5 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
STAKE BOLT HEADS.

\* PROCESS ASSY PER CAA STEP 5

\* RECORD MATERIAL DATA BELOW:

ADMSV 1151: GTC PC# 31403 EXPIRATION DATE 01/31/07  
CURE DATE/TIME: START-06/02/05 8:10 AM STOP- 10:10 AM

DATE: 06/02/05 QTY: 1 REMARKS: STATUS: Byp(1288)

WORK CELL: 1-300 RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

FOR CAL-05-31043  
UNIT-12M/195

NO: 111229  
DATE: 08-08-05  
TIME: 11:41:00  
JOB: 111229

CUST ID: 111229  
PROJECT: 111229  
COST: 111229

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



6 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000  
OP# SLDR-0 ASSY-112

\* PROCESS ASSY PER CAA STEP 6.

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

DATE	QTY	REMARKS	STATUS
6/2/05	1		



7 260 00 SOURCE INSPECTION 0.0000 0.0000 0.0000  
EXAMINE BOX JOINING  
AND ETD 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 010-129)

DATE	QTY	REMARKS	STATUS
7/2/05	1	SWAPPED INK	
		MARKING W/ALCOHOL	
		NUM SCALE IS GOOD	



8 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000  
OP# SLDR-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
6/2/05	1		

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 4

/ P/Ns LAT-DS-01642  
QTY, UNIT-TEM/TSR

WO# 113229  
REQ DATE 05-06-05  
REL DATE 04-21-05  
SO# P17301  
PO# 0700153627

CUST P#  
QTY  
PROJECT# P17301  
COST# 15355

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



0 203 00 PACKAGING/SHIPPING INSP 0.0000 0.0000 0.0000  
PACKAGING/SHIPPING

\* PROCESS ASSEMBLY PER CAA STEP 9.

DATE....	QTY..	REMARKS.....	STATUS
04/22/05	1		Sup (208)

..... TRAVELER REVISION HISTORY RECORD .....

CREATED BY: FOR ASSY REV. DATE: 04.26.05  
 ULR 93

REV	BY	DATE	CHANGE DETAIL
01	ULR	042605	UPDATED FOR UNITS 4 THRU 93

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



WORK ORDER: 113222

NEW

WORK ORDER PICK LIST

PAGE: 1

OFFENSE # : LAT-DS-01603  
W# : 0000000000  
W# : 0000000000

BY-LINE ITEM

EFFECTIVITY DATE: 05-03-00  
DATE: 05-03-00  
DATE: 05-03-00  
DATE: 05-03-00

FULLED

FULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CLERK STAT	REQUIREMENTS STATUS QUANTITY	RESV IN LOT #	INVLDC	LOT NUMBER	INVENTORY DATA			
									LOT QUANTITY	LOT DATE	LOT LIFE	BIN/LCC QUANTITY
1	LAT-DS-01603 SCREW, SHTRD CAP 832X.02 ORIGINAL QUANTITY...	EA	40.00	REVD	40.00	120307	SKCP2 FN 03	120307	40	09-11-07	IN ASSE	
2	0151 ADHESIVE, MISOL, SOL KIT ORIGINAL QUANTITY...	CS	1.00	SO	1.00		SKCP2 FN 04		0			

WORK CELL: 1-B30 RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

1/204 LAT-US-01482  
2. GLAST DIA. 770

WOB# 113012  
REV PAGE 03-16-03  
REL DATE 04-20-03  
SC# F17300  
POS 0000048810

CUST ID  
CUST QTY  
PROJECT# F17300  
CUST# 13356

**GT112 GLAT 1820**

\*\*\*\*\*SERIAL NUMBER\*\*\*\*\*

\*\*\*\*\*APPROVAL\*\*\*\*\*

*5-2-03*  
~~GT112 GLAT 1820~~  
~~GT112 GLAT 1811~~

PROD: *5-2-03*  
QA: *5-3-03*

\*\*\*\*\*WORKMANSHIP\*\*\*\*\*  
IPC/DIA-N-STD-COLD CLASS 3; WITH 'OS' SPACE SUPPLEMENT

SLAC OAR MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE  
OF ANY STEP OF THE TRAVELER/WORK ORDER. SLAC OAA MAY  
INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP.

\*\*\*\*\*01A 09.28.04\*\*\*\*\*

\*\*\*\*\*  
L# DEPT MACH# OP# DESCRIPTION..... H C U A S  
SET-UP RUN... LINE-MACH ST-LOT



1 307 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000

\*\*\*\*\* CONFIGURATION DOCUMENTS \*\*\*\*\*  
DOCUMENT NUMBER REV PD/PL OUTSTANDING NO'S  
ARRY DWG- LAT-US-01482 55 NONE  
SOM PL- (SAME - ON DWG)  
CUST SC#- LAT-US-03078 03 NONE  
CUST ID#- (N/A THIS LEVEL) \* (RELEASED PER EC 2477)  
ASSY AID- LAT-US-01482  
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
<i>5-3-03</i>			<i>None</i>



2 001 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000

\*\*\*\*\* PROCESS MATERIAL PER OAA STEP 2. \*\*\*\*\*

DATE	QTY	REMARKS.....	STATUS
<i>5/17/03</i>	<i>1</i>		<i>UDDA 5004</i>



WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

THE LAT-DS-01482  
GLAST. DAG. TFS

NO# 113212  
 REQ DATE 05-06-05  
 REL. DATE 04-20-05  
 SO# F17300  
 PO# 0000048800  
 CUST P#  
 QTY 1  
 PROJECT# F17300  
 COST# 15356

LI# DEPT MACH# OP# DESCRIPTION..... H O U R S  
 SET-UP RUN... LINE-MACH SP-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 PO# 32131 EXP. DATE 10/01/05  
 LOT #'S: (PT A) 32775 (PT B) 32775  
 MIX RECORD (PART A WGT) 7.5gr (PART B WGT) 0.5gr

DATE... QTY... REMARKS..... STATUS  
05/27/05 1 ..... Buy  
 (GTC 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: GT112

DATE... QTY... REMARKS..... STATUS  
05/27/05 1 ..... Buy  
 (GTC 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 8/05  
 GTC-E-944 CAL DUE DATE 8/05

DATE... QTY... REMARKS..... STATUS  
05/27/05 1 ..... Buy  
5/27/05 1 WITNESS TORQUE ..... Buy  
 (GTC 1288)

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER : NEW

PAGE 3

7/25/05 CAT-05-01492  
GLADT, DAO: 128

WOS 112212  
KREV 112212  
KREL DATE 08/05  
WOS DATE 08/05  
WOS 0000048800

CUST # 1  
CITY 1  
PROJECT# F17200  
COST# 10000

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



1 010 03 OCA/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 TOOL# USED, AND CAL DUE DATE, BELOW:  
 TOOL = GTC-E-951 1/2 CAL DUE DATE 08/05  
 GTC-E-914 CAL DUE DATE 08/05

DATE	QTY	REMARKS	STATUS
05/31/05	1		BYP(1288)
5.31.05	1	WITNESS TORQUE	



2 010 03 OCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
SECURE J2 HARNESS

- PROCESS ASSY PER CAA STEP 7.
- RECORD ASSIGNED TOOL# USED, AND CAL DUE DATE, BELOW:  
 TOOL = GTC-E-951 1/2 CAL DUE DATE 08/05  
 GTC-E-914 CAL DUE DATE 08/05

DATE	QTY	REMARKS	STATUS
05/31/05	1		BYP(1288)

BYP(1288)



3 010 03 OCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
INSTALL J1 OO LID

- PROCESS ASSY PER CAA STEP 8.
- ALERT SLAC CAR TO WITNESS TORQUE PROCESS.
- RECORD ASSIGNED TOOL# USED, AND CAL DUE DATE, BELOW:  
 TOOL = GTC-E-951 1/2 CAL DUE DATE 08/05  
 GTC-E-914 CAL DUE DATE 08/05

DATE	QTY	REMARKS	STATUS
05/31/05	1		BYP(1288)
5.31.05	1	WITNESS TORQUE	

BYP(1288)



WORK CELL: 1-BIG RUNNER

CUSTOMER: GLAD

TYPE: PRODUCTION

WORK ORDER TRAVELLER: NEW

PAGE 9

PN# LAC-DS-01482  
GLAST: IAO, TFS

WOP 112212  
REQ DATE 05-26-05  
REL DATE 04-20-05  
RG# F-7300  
PO# 0000049900

CUST ID#  
QTY  
PROCESSOR #17300  
CUST# 15344

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



10 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
STAKE 01 HARDWARE

\* PROCESS ASSY PER CAA STEP 10.

\* RECORD MATERIAL DATA BELOW:

ADREV #161: GTC FOR 31403 EXPIRATION DATE 01/31/07  
CURE DATE/TIME: START- 1:00 PM STOP- 3:00 PM

DATE... QTY... REMARKS..... STATUS  
05/31/05 1 ..... Buy (1289) Buy



11 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
MARKING (SN LABEL)

\* PROCESS ASSY PER CAA STEP 11.

DATE... QTY... REMARKS..... STATUS  
05/31/05 1 ..... Buy (1288)



14 200 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000  
LPE: SLDR-0 ASSY-237

\* PROCESS ASSY PER CAA STEP 14.

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

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



15 200 00 SOURCE INSPECTION 0.0000 0.0000 0.0000  
EXAMINE ASSY P&S-GLUSE

\* PROCESS ASSY PER CAA STEP 15.

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

DATE... QTY... REMARKS..... STATUS  
6/1/05 1 ..... 6/1 to QA

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 8

PN: 107-05-01483  
QTY: 100  
QTY: 100  
QTY: 100

WOT 113212  
REQ DATE 05-06-05  
REL DATE 04-20-05  
SO# P17300  
PO# 0000048800

CUST #  
PROJECT # P17300  
COST# 15356

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



16 010 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
INSTALL LID

PROCESS ASSY PER CAA STEP 16.

DATE QTY REMARKS STATUS  
04/01/05 1 \_\_\_\_\_ Byp (1208)



17 010 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
TORQUE FASTENERS

PROCESS ASSY PER CAA STEP 17.  
ALERT SLAC CAR TO WITNESS TORQUE PROCESS --  
RECORD ASSIGNED TOOL# USED, AND CAL DUE DATE, BELOW  
TOOL = (GTC-E-95) 1/2" DUE DATE 08/05  
GTC-E-944 CAL DUE DATE 08/05

DATE QTY REMARKS STATUS  
04/01/05 1 \_\_\_\_\_ Byp (1208)

6/1/05 1 GLAT (920 WITNESS)



18 000 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000  
OP# 51DR-0 ASSY-64

PROCESS ASSY PER CAA STEP 18  
RECORD DEFECT REPORT NO. IF APPLICABLE.

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



WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 7

REV. LAT OF 01283  
ALL. GLAST. MAG. TSS

NO# 113212  
REQ DATE 06-05-05  
REL DATE 04-20-05  
SUS 217300  
POS 000048800

CUST #  
QTY 1  
PROJECT # 011200  
DUSTY 05288

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



19 010 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
STAKE BOLT HEADS

\* PROCESS ASSY PER CAA STEP 19:

\* RECORD MATERIAL DATA BELOW

ADHSV 0151: GTC PO# 31403 EXPIRATION DATE 01/31/07  
CURE DATE/TIME: START-06/01/05 11:25 AM STOP- 1:25 PM

DATE	QTY	REMARKS	STATUS
06/01/05	1		Buy (1288)



20 090 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000  
OPE1 SLDR-0 ASSY-40

\* PROCESS ASSY PER CAA STEP 20:

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

DATE	QTY	REMARKS	STATUS
6/1/05	1		



21 280 00 SOURCE INSPECTION 0.0000 0.0000 0.0000  
CUSTOMER SOURCE INSP

\* PROCESS ASSY PER CAA STEP 21:

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

DATE	QTY	REMARKS	STATUS
6-1-05	1	GCAI 1820	LAT TO QA

\*\*\*\*\* TRAVELER REVISION HISTORY RECORD \*\*\*\*\*  
 CREATED BY: FOR ASSY REV: DATE:  
 WERNIN 85 042808  
 REV 85 0428 0428 CHANGE DETAIL  
 00 010 040805 RELEASED AT REV 85 AND CAA AT REV -1

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

WORK ORDER # 100000  
ASSEMBLY # 140-09-11460  
LOCATION: W02

N&N

WORK ORDER PICK LIST  
BY LINE ITEM

PAGE 4

ISSUE DATE: 09-20-04  
PRINTED DATE: 09-20-04  
PAGE PRINTED: 09-20-04

LINE PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		REQV IN LOT #	INVLDC NUMBER	LOT NUMBER	INVENTORY DETAIL				
			QUANTITY	STATUS				QUANTITY	LOT DATE	SIN	QUANTITY	LOT LIFE
1	LAT 09-10090 BASE SKM 120 ORIGINAL QUANTITY	EA	1.00	RSVD	1.00	121233	SKCP2 FN-1	121233	1.00	09-20-04	SLAC	
2	LAT 09-10090 120 SKM 120 ORIGINAL QUANTITY	EA	1.00	RSVD	1.00	121234	SKCP2 FN-2	121234	1.00	09-20-04	SLAC	
3	LAT 09-10090 OCA GLASS 120 ORIGINAL QUANTITY	EA	1.00	RS	1.00		SKCP2 FN-3					
4	WAS002N04-0 SCAM ORIGINAL QUANTITY	EA	30.00	RSVD	30.00	115012	SKCP2 FN-4	115012	30.00	09-27-04	LOC 115	
5	WAS002N04-0 SCAM ORIGINAL QUANTITY	EA	30.00	RSVD	30.00	115011	SKCP2 FN-4	115011	30.00	04-13-04	IN ASSY	
6	WAS002N04-0 WAS002N04-0 115012 ORIGINAL QUANTITY	EA	30.00	RS	30.00		SKCP2 FN-5	115012	30.00	09-27-04	LOC 115	
7	WAS002N04-0 SCAM ORIGINAL QUANTITY	EA	20.00	RSVD	20.00	115019	SKCP2 FN-6	115019	20.00	09-27-04	LOC 115	
8	WAS002N04-0 SCAM ORIGINAL QUANTITY	EA	20.00	RSVD	20.00	115018	SKCP2 FN-6	115018	20.00	09-27-04	LOC 115	
9	WAS002N04-0 SCAM ORIGINAL QUANTITY	EA	1.00	RS	1.00		SKCP2 FN-7					
10	C-2946 RFL NUSIL TECH ORIGINAL QUANTITY	CZ	1.00	RS	1.00		SKCP2 FN-8					
11	P2016-076 RFL NUSIL TECH ORIGINAL QUANTITY	EA	5.00	RS	5.00		SKCP2 FN-9					
12	WAS002N04-0 RFL NUSIL TECH ORIGINAL QUANTITY	EA	4.00	RS	4.00		SKCP2 FN-10					
13	WAS002N04-0 RFL NUSIL TECH ORIGINAL QUANTITY	EA	7.00	RS	7.00		SKCP2 FN-11					
14	WAS002N04-0 RFL NUSIL TECH ORIGINAL QUANTITY	EA	1.00	RS	1.00		SKCP2 FN-12					



WORK ORDER: 010102

U. NEW

WORK ORDER PICK LIST

PAGE: 1

WFLY # 047-05-00442  
DATE: 05-17-13  
LOCATION: MOB

W/ LINE ITEM

EFFECTIVITY DATE: 05-09-13  
RELEASE DATE: 05-09-13  
DATE PRINTED: 05-17-13

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

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

LINE	PART NUMBER AND DESCRIPTION	REQD QUANTITY	CURR STATUS	REQUIREMENTS		RESV IN	LOC	INVENTORY DETAIL											
				STAT	QUANTITY			LOT	QUANTITY	LOT	DATE	SIN/LOC	QUANTITY						
11	5715-06-0440 CALIBRATED M-F 44X 18X 21 ORIGINAL QUANTITY...	EA 2.00	BD	3.00			SKOP2 20-13												

*O.C.*

WORK CTR: 4-MIXED

CUSTOMER: SLAC

TYPE: FACOMTION

WORK ORDER TRAVELLER - NEW

W/TW: LAJ-05-03389  
CLASS: TPR

WOB 112045  
MBO DATE 11-10-05  
REL DATE 11-01-04  
SUS  
PCB 0000046600

CUST P#  
CITY  
PROJECTS 117500  
CUST# 12386

PAGE 1

SERIAL NUMBER: GT112 GLAT1782 APPROVAL: Kit 2/10/05  
2-10-05

MEMORANDUM  
TO: SLAC  
FROM: [unclear]  
SUBJECT: CLASS 3, WITH 'OS' SPACE SUPPLEMENT  
SLAC CAN MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE  
OF ANY STEP OF THE TRAVELLER/WORK ORDER. SLAC CAN MAY  
INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP  
#SLR 02.07 05

LINE NAME QTY DESCRIPTION UNIT COST H.C.U.K.S.  
SETUP XON LINE-MACH SI-LOT



1 200 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000

\*\*\*\*\* CONFIGURATION DOCUMENTS \*\*\*\*\*  
ASSY DWG. DOCUMENT NUMBER REV. TO/FR. OUTSTANDING EQ'S  
SLAC P. LAJ-05-02389 1 58 NONE  
SLAC P. LAJ-05-02389 04 NONE  
SLAC P. LAJ-05-02389 05 NONE  
SLAC P. LAJ-05-02389 06 NONE  
SLAC P. LAJ-05-02389 (RELEASED PER EC 02921)  
CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)  
\*\*\*\*\* BUILD DOCUMENTS \*\*\*\*\*  
USE... WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS.  
\*\*\*\*\*  
PREP'D/PREP'D BY: GK DATE/DATE: 02.07.05

LAB 4-22-05

DATE	QTY	REMARKS	STATUS
2-10-05			Kit



0 000 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000  
KIT PARTS

- PROCESS PER CAR STEP 2:
- ALL SMT PARTS ROUTE THROUGH THE SMT DRY ROOM
- ALL OTHER PARTS ROUTE TO SECOND ASSY.

DATE	QTY	REMARKS	STATUS
2-10-05			Kit



WIP# CELL: 4-MIXED

CUSTOMER: SIAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

App/ENG: IAT-DS-02388  
CLK: GLAST, JPS

WOB# 010005  
MFG DATE 04-10-08  
MFG DATE 10-01-04  
WOB# 0000048800

COST #  
PROJECT# 1  
CUST# 10000

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



3 010 00 CCA/BLACK BOX ASSY AABA  
MIX QTC SN 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 3:

DATE	QTY	REMARKS	STATUS
2-11-05	1		OK 100%



4 011 01 SMT ASSY LINE  
PRE-SMT BACKOUT 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 4:

RECORD BAKE DATE-TIME START/STOP BELOW:

BAKE DATE: 2-11-05 START: 11:12 STOP: 12:12

DATE	QTY	REMARKS	STATUS
2-11-05	1		OK



5 013 00 SMT ASSY LINE  
STENCIL BOTTOM SIDE 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 5:

\* RECORD SOLDER PASTE DATA BELOW:

QTC P# 31729 EXPIRATION DATE 7/14/05

DATE	QTY	REMARKS	STATUS
2/11/05	1		OK 100%



6 010 01 SMT ASSY LINE  
PICK-UP-PLACE PARTS 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 6:

DATE	QTY	REMARKS	STATUS
2-11-05	1	Test	OK

- 010 2-1079
- 011 2-1071
- 012 2-1077
- 013 2-1078
- 014 2-1075
- 015 2-1077
- 016 2-1076
- 017 2-1078

Sum = 0.006  
Avg = 0.0076  
Range = 0.008

Solder Paste Data  
taken by:  
MR 1866  
2/17/05

WORK CENTER: 4-MIXED

CUSTOMER: SLAC

PROMOTION

WORK ORDER TRAVELLER - NEW

ASSY/IN# LAL-03-02288  
C/A, GLAS, 128

NO# 112002  
SPO DATE 02-10-05  
SPL DATE 12-01-01  
CO#  
PC# 0000048800

CUST P#  
CITY 1  
PROJECT# P17800  
CUST# 18344

PAGE 3

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



013 00 SMT ASSY LINE  
SOLDER REFLOW 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 7.

DATE	QTY	REMARKS	STATUS
2/10/05	1		OK



014 00 SMT ASSY LINE  
AQUEOUS CLEAN 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 8.

DATE	QTY	REMARKS	STATUS
2/10/05	1		OK



015 00 QUALITY ASSURANCE AREA  
C/A, SLAC-1288 ASSY-1848 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 9.

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

DR# 5: 29485

DATE	QTY	REMARKS	STATUS
2/18/05	1		OK



016 00 SMT ASSY LINE  
SOLDER PASTE STENCIL  
TOP SIDE 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 11.

\* RECORD SOLDER PASTE DATA BELOW:

SIC P# 37129 EXPIRATION DATE 7-14-05

DATE	QTY	REMARKS	STATUS
2/10/05	1		OK

L14 - .0074  
 C098 - .0073  
 L021 - .0077  
 S500 - .0076  
 D500 - .0075  
 L7 - .0076

Solder Paste Data Top Side  
 Sums .451  
 Avg .0075  
 Range .0001  
 Measurements taken  
 by  
 Mar 10/05  
 2/10/05

WORK CENTER: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/INSTR CAT-19-02169  
CAL. GLASS. 178

WOT 112064  
RPO DATE 02-10-05  
RPT. DATE 12-01-04  
PC# 0000028800

CUST. #  
PROCESSOR 1  
COST# 117100  
13154

PAGE 4

174 TEST MACH# 00# DESCRIPTION..... SET-UP KON. H U R S  
LINE-MACH ST-LOT



11 213 00 SMT ASSY LINE PICK-N-PLACE 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 11.

DATE	QTY	REMARKS	STATUS
2-23-05	1	211	PF



12 215 00 SMT ASSY LINE SOLDER REFLOW 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 12.

DATE	QTY	REMARKS	STATUS
2-23-05	1		21



13 219 00 SMT ASSY LINE AQUEOUS CLEAN 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 13.

DATE	QTY	REMARKS	STATUS
2-23-05	1		24



14 290 00 QUALITY ASSURANCE AREA OPS. SLDR-1401 ASSY-792 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 14.

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

DEFECT# 296 21

DATE	QTY	REMARKS	STATUS
2-23-05	1	2112	

2-23-05  
 03/10/05 Installed D500 for 2112  
 03/10/05 Installed D500 for 2112  
 03/10/05 Installed Q599 & Q699 correctly  
 03/10/05 Installed D500 & 2112  
 BYP  
 02/10/05

WORK ORDER # MIXED

CUSTOMER: SLAC

THE PRODUCTION

WORK ORDER TRAVELLER - NEW

WORK ORDER DATE: 03-14-05  
JOB: 0100048800

W.O. NUMBER: 0100048800  
DATE: 03-14-05  
JOB: 0100048800

COST DEPT: 701300  
COST# 15158

PAGE 5

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



01 000 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
TIN THRU-HOLE PARTS

- PROCESS PER CAA STEP 15.
- SPECIAL IN-PROCESS QA EXAMINATION OF IC LEAD FRAP AND SHIRT WIRE FRAP.
- RECORD DEFECT RECORD REPORT NUMBER(S) BELOW.

03/10/05 filled shortage of D500 D600. (GTC 1282) Buy 03/10/05

strip wires 03-15-05

(GTC 1282) 3/11/05

DEFECTS

DATE	QTY	REMARKS	STATUS
3/10/05	1	Terminated	Buy
3/14/05		Terminated leads	Buy

3-15-05 23 report 3/11/05



02 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
MECH ASSY - WIRING/VRS

- PROCESS PER CAA STEP 16.
- RECORD ADHESIVE DATA BELOW:  
GTC FOR 31450 EXPIRATION DATE 05/17/05
- RECORD ASSIGNED TOOLS USED, AND CAL DATE DATE, BELOW:  
TOOL # GTC-A-985 CAL DUE DATE 06/28/05

DATE	QTY	REMARKS	STATUS
03-22-05	1		(GTC 892)



03 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
TERMINATE VRS

- PROCESS PER CAA STEP 17.
- | DATE     | QTY | REMARKS                 | STATUS |
|----------|-----|-------------------------|--------|
| 03/20/05 | 1   | Terminated wires at VRS | Buy    |

Special in-process QA Examination of W.I.C.S.

ME 4-7-05

3-22/05 checked wires for vrs

03-22-05 strip & terminate wires for vrs (GTC 892)

WORK CELL - 4-MIXED

CUSTOMER - GLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY. RN: LPT-06-02164  
CAA, CAA# 130

MO# 112125  
BBO DATE 12-31-18  
BOL DATE 12-31-18  
MOR 000734800

CUST #  
PROJ QTY 1  
CURR# 000000

PAGE 0

\*\*\* DIST MACH# QTY DESCRIPTION \*\*\*  
SET-UP RIN HOURS LINE-MACH ST-LOT



18 212 00 CCA/BLACK BOX ASSY AREA  
INSTALL/SOLDER P1, P2 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*



19 212 00 CCA/BLACK BOX ASSY AREA  
INSTALL/SOLDER TO WIRES 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 19

DATE	QTY	REMARKS	STATUS
03/23/05	1		Byf



20 00 QUALITY ASSURANCE AREA  
OFF. SLDR TO 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
3/23/05	1		



21 212 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:

STC NO: 31450 EXPIRATION DATE 05/17/05

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

TOOL# GTC-A-985 CAL DUE DATE 06/28/05

DATE	QTY	REMARKS	STATUS
03/23/05	1		 Byf

WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

Asy/20# LAI-US-12884  
CAA, GLAST, TPS

WO# 112065  
BEO DATE 02-20-05  
SPL DATE 12-01-04  
QC#  
PC# 0000048800

CUST #  
CITY 1  
PROJECT# 217300  
CUST# 12338

LINE LEFT MACH# QP# DESCRIPTION..... HOURS  
SET-UP RUN... LINE-MACH ST-LOT:



22 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
INSTALL/SOLDER WIRES-TPS

\* PROCESS PER CAA STEP 22

DATE	QTY	REMARKS	STATUS
03/22/05	1		ETC 12PC Byp



23 230 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000  
OFF: SLDK-35 ASSY-08

\* PROCESS PER CAA STEP 23

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

ERR#(S)

DATE	QTY	REMARKS	STATUS
3/23/05	1		



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

\* PROCESS PER CAA STEP 24

\* RECORD ADHESIVE DATA BELOW

UTC P# 31450 EXPIRATION DATE 05/17/05

DATE	QTY	REMARKS	STATUS
03/23/05	1	put adhesive on Q504 & Q604	Byp
03/23/05	1	Installed Q504 & Q604	Byp



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

\* PROCESS PER CAA STEP 25

DATE	QTY	REMARKS	STATUS
03/24/05	1	Installed caps	Byp



WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/ENG LAT-05-00388  
CNA, INST, 100

WORKING 11:00  
START 02-10-05  
CABIN 12-01-04  
PCB 0000048800

COST 1  
PROJECT 1  
CUST 127300  
18456

PAGE 8

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



26 210 00 CNA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
INSTALL/SOLDER P. R. 1

PROCESS PER CAA STEP 26

R1 + R2 ME 4-7-05

DATE	QTY	REMARKS	STATUS
03/24/05	1	Installed parts Less Short R1	ByP
03/22/05	1	ByP	



27 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000  
OP# 5112-75 ASSY-05

PROCESS PER CAA STEP 27

RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

DEF#(S)

DATE	QTY	REMARKS	STATUS
3/24/05	1	has R1 (short)	ByP

03/24/05 Installed R1. ByP  
03/24/05 inspection of R1



28 265 00 SQA ICE 0.0000 0.0000 0.0000  
SQA TEST

PROCESS PER CAA STEP 28

RECORD TEST DEFECT RECORD REPORT NUMBER(S) BELOW

TEST#(S)

DATE	QTY	REMARKS	STATUS
03/24/05	1	SN: GT112	Failed
3.25.05	1	SN: GT112	thk PASSED



29 250 00 CNA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
INSTALL SOLDER IF CASE  
SIDE 1 - BOX 1-CHECK  
SIDE 2 - BOX 2-CHECK

PROCESS PER CAA STEP 29

SQR 2/2 - Row 3 = check M. 3-7-05

DATE	QTY	REMARKS	STATUS
3.25.05	1	Row 3 & 2 (correct one pad) solder	1/6 OK
3.25.05	1	Row 1 solder	6/6 OK

3-27-05 1 short solder on row 3 2 & 3  
3/25/05 1 inspect solder on wiring-9



WORK CELL 4-WIKED

CUSTOMER, SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/PNS 147-05-01999  
CCA, BLAST, 115

NO# 112155  
REQ DATE 03-20-05  
REF DATE 03-01-05  
JOB#  
PC# 1000048800

WEEK END  
PRODUCTION  
CUST# 151557

PAGE 5

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



10 110 30 CCA/BLACK BOX ASSY AREA  
INSTALL/SOLDER O/P CABLE  
SOLDER O/P-ROW 1-CHECK 3/28/05  
SOLDER O/P-ROW 2-CHECK 3/28/05  
SOLDER O/P-ROW 3-CHECK 3/28/05  
SOLDER O/P-ROW 4-CHECK 3/28/05

PROCESS PER CAA STEP 30.

DATE	QTY	REMARKS	STATUS
03/28/05	1	soldered row 1	ByP
03/28/05	1	soldered row 2	ByP
03/28/05	1	soldered row 3	ByP

03/28/05 1 soldered Row 4. ByP 03/28/05



10 200 00 QUANTITY ASSURANCE AREA  
REF: SLOC-24 ASSY-107 0.0000 0.0000 0.0000

PROCESS PER CAA STEP 31.

RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

CRP#(S): 30932

DATE	QTY	REMARKS	STATUS
3/28/05	1	IP cable	



10 110 00 CCA/BLACK BOX ASSY AREA  
HANDS CLEAN 0.0000 0.0000 0.0000

PROCESS PER CAA STEP 32.

DATE	QTY	REMARKS	STATUS
03/29/05	1	washed	ByP

WIRA CELL: 4-MIXED

CUSTOMER: SLAD

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 10

WIRA: TN= LAT-05-02394  
CCA: SLAST, 192

WOB: 112205  
RSD DATE 02-10-05  
RSD DATE 12-01-04  
JOB 1000108810

CUST JOB  
PROJECT JOB  
CUSTS 18385

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



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

\* PROCESS PER CAA STEP 33.

RTV DC6-1104; QTY FOR 31695 EXPIRATION DATE 8/21/05

SEE REMEDIVE 0151 APPLICATION FOR CURE DATA.

DATE... QTY... REMARKS..... STATUS  
3-30-05 1..... PD 1946



34 250 00 CCA/BLACK BOX ASSY AREA  
STAKE WITH RTV - VMS  
DC6-1104 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 34 ME 3-14-05

ME 3-14-05 RECORD DEFECT-RECORD-REPORT NUMBER(S) BELOW  
~~DC6-1104~~ RTV DC6-1104 POT

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

DATE... QTY... REMARKS..... STATUS  
3-30-05 1..... PD 1946



35 250 00 CCA/BLACK BOX ASSY AREA  
POTTING/STAKING TCS 0.0000 0.0000 0.0000

\* PROCESS CAA PER CAA STEP 35

RTV DC6-1104  
CURE DATE 3-21-05 START..... STOP..... ME 3-14-05  
CURE DATE..... START..... STOP.....

DATE... QTY... REMARKS..... STATUS  
3-30-05 1..... PD 1946

WORK CODE: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER: TRAVELLER - NFW

ALLI-FBI-LAT-DS-02383  
OCA: BLAST, 725

WOB# 112085  
REL DATE 02-10-05  
REL DATE 12-01-04  
WOB# 0000046900

CUST #4  
CITY  
PROJECT#  
CUST#

PAGE 11

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



26 010 00 OCA/BLACK BOX ASSY AREA  
STAKE HARDWARE - NUTS,  
WASHERS, STUDS, SCREWS 0.0000 0.0000 0.0000

\* PROCESS PER OCA STEP 36.

ADHESIVE 0151, GTC PO# 31403 EXPIRATION DATE 1-31-07  
CURE DATE 3-31-05 START 3:30 STOP 5:30

DATE QTY REMARKS STATUS  
3-31-05 1  PA.1946



27 010 00 OCA/BLACK BOX ASSY AREA  
INSTALL/STAKE SUPPORTS 0.0000 0.0000 0.0000

\* PROCESS PER OCA STEP 37.

ADHESIVE 0151, GTC PO# 31403 EXPIRATION DATE 1-31-07  
CURE DATE 3-31-05 START 3:30 STOP 5:30

DATE QTY REMARKS STATUS  
3-31 1  PA.1946



28 010 00 OCA/BLACK BOX ASSY AREA  
STAKE COMPONENTS - 0250,  
0260, 0275 0.0000 0.0000 0.0000

\* PROCESS PER OCA STEP 38.

ADHESIVE 0151, GTC PO# 31403 EXPIRATION DATE 1-31-07  
CURE DATE 3-31-05 START 3:30 STOP 5:30

DATE QTY REMARKS STATUS  
3-31-05 1  PA.1946

WORK UNIT: 4 MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 10

ALL TIME LATE IS VISIBLE  
C/O: MAG. 712

WC# 112005  
RFD DATE 12-10-06  
RFD DATE 12-31-04  
SOM  
POM 000000000

CUST ID  
CITY  
PROJECT# P17300  
CUST# 18355

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



39 000 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
STATE INDUCTORS

\* PROCESS PER CAA STEP 39.

ADHESIVE 0121: GTC FOR 31403 EXPIRATION DATE 1-31-07  
CURE DATE 3-31-05 START 3:30 STOP 5:30

DATE... QTY... REMARKS... STATUS  
3-31-05 1 \_\_\_\_\_ P.O. 1946



40 000 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
STATE CAPACITORS

\* PROCESS PER CAA STEP 40.

ADHESIVE 0121: GTC FOR 31403 EXPIRATION DATE 1-31-07  
CURE DATE 3-31-05 START 3:30 STOP 5:30

DATE... QTY... REMARKS... STATUS  
3-31-05 1 \_\_\_\_\_ P.O. 1946

4-28-05 1 stacked R22, R1, & R2 P.O. 1946 10 = 31403

4-28-05 1 baked R22 R1 & R2 1000- P.O. 1946 exp. date 1/31/07

GARAGE 4-28-05



41 000 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000  
SPE SLIP-3 ASSY-87

\* PROCESS PER CAA STEP 41.

\*\* RECORD DEFECT RECORD REPORT NUMBERS BELOW.

ERR#(S) 30513

DATE... QTY... REMARKS... STATUS  
4/5/05 1 \_\_\_\_\_

WORK ORDER: 4-MIXED

CUSTOMER: STAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

WNS: LMT 06-02388  
LWA: BLAST 079

WNS: 112000  
DATE: 12-10-05  
WNS: 112000  
DATE: 12-01-04  
WNS: 000048800

CUST ID  
QTY  
PROJECT# 017300  
0029 15352

PAGE 13

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



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

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

DATE	QTY	REMARKS	STATUS
4/7/05	1	GLAT 1782	
		R2 LEADS VIOLATE	
		ELECTRICAL CLEARANCE	

04/07/05 Reworked as required

LAT TO RA 5/3/05



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

\* PROCESS PER CAA STEP 43.

DATE	QTY	REMARKS	STATUS
5-5-05	1	PACKAGING	15



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.

DEFECT(S)

DATE	QTY	REMARKS	STATUS
5/17/05	1		



45 247 00 SOURCE INSPECTION  
STAC CAR TAG-COAT INSP.  
MANDATORY INSPECTION  
POINT (BEST POINT) 1.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 42.

DATE	QTY	REMARKS	STATUS
5/19/05	1	REMOVED PIECE OF ESC TAPE ON BOTTOM BUBB IN AREA OF	15

REWORK PERFORMED BY STAC

WORK CELL: 4-MYED

CUSTOMER SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 14

WIP/2N# LAY-ES-02385  
CCA GLAST. TPR

WOB 112055  
REQ DATE 12-10-05  
REV DATE 12-01-05  
SOP  
PO# 0000048300

CUST Pa  
QTY 1  
PROJECT# 717300  
CUST# 10158

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



46 000 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000

MANU CLEAN AND TEST  
THE CLEANLINESS OF CCA  
ATTACH RESULTS REPORT TO  
THE TRAVELER/WO.

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

DATE	QTY	REMARKS	STATUS
05/21/05	1	weird	GTC 1288 Kly

5-21-05	1	Cleanliness	FAK/AB
---------	---	-------------	--------



47 001 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000

QTY: SLDR-3 ASSY-7

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

DEFECT(S)

DATE	QTY	REMARKS	STATUS
5/23/05	1		



48 000 00 COATING/POTTING AREA 0.0000 0.0000 0.0000

TAKE-OUT AND MASK

- PROCESS CAA PER CAA STEP 48
- RECORD BAKE DATE-TIME START/STOP BELOW:

BAKE DATE: 5/23/05 START: 8:40 STOP: 9:45

DATE	QTY	REMARKS	STATUS
5/23/05	1	mask	Done

WORK ORDER 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER NEW

PAGE 15

/ZNA LAC-03-0288  
C.A. START: 179

WORKS 11/05  
DAYS 12-17-05  
DAYS 11-01-05  
WORKS 0000048802

CUST #  
PROJECT CITY 1  
PROJECT 17300  
CITY 10350

LINE DEPT MACH# OP# DESCRIPTION SET-UP RUN... 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  
AIR CURE DATE 5/23/05 START 10:40AM STOP 5:30 AM (5/24/05)

DATE QTY REMARKS STATUS  
5/23/05 1 COAT DM/1035



50 250 00 COATING/POTTING AREA  
OVEN COAT/POUCH 0.0000 0.0000 0.0000

\* PROCESS CAA PER CAA STEP 50

OVEN CURE DATE 5/24/05 START 6:30 AM STOP 9:30  
OVEN CURE DATE 5/24/05 START 10:15 PM STOP 11:15 PM

DATE QTY REMARKS STATUS  
5/24/05 1 URMING/LTU OSE



51 250 00 QUALITY ASSURANCE AREA  
OPT. SLD-3 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 SPECIFICATIONS...
- AREA TEST REPORTS...
- INSPECTION REPORTS...
- NON-CONFORMANCE REPORTS...
- SEND-ITEM DATA PACKAGE FORM...
- DIGITAL RADIOGRAPHS, RECORDED INTO CD...

DATE QTY REMARKS STATUS  
5/24/05 1



WORK CELL: 4 MIXED

CUSTOMER: SLAC

TO: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 16

WJY/PNS LAT-05-10398  
CLA: GLAST, 095

PLANT: 0000048900  
DATE: 04-01-08  
TIME: 14:01:00

CUST PR: .  
QTY: .  
PROJECT: 00000000  
PART: 1013200  
1013296

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



02 100 00 SOURCE INSPECTION 0 0000 0.0000 0 0100

\* PROCESS QAA PER QAA STEP 00.  
NOTE: NEXT ASSEMBLY IS LAT-05-01482

DATE: 5.25.05 QTY: 1 REMARKS: GLAT 1782

STATUS  
LAY  
10  
QA

SERIAL NUMBER: \_\_\_\_\_ APPROVAL: \_\_\_\_\_  
PROD: \_\_\_\_\_ / \_\_\_\_\_  
QA: \_\_\_\_\_ / \_\_\_\_\_

MEMORANDUM:-----  
FCI/EIA-J-STD 001 CLASS 3; WITH 'CS' SPACE SUPPLEMENT  
SLAC QAs MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE  
OF ANY STEP OF THE TRAVELER/WORK ORDER. SLAC QAs MAY  
INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP.  
4010 04.12.05-----

ASSEMBLY # : LAT-DS-02389  
QUANTITY : 1  
LOCATION : W02

BY LINE ITEM

EFFECTIVITY DATE : 09-10-06  
RELEASE DATE : 09-01-04  
DATE PRINTED : 09-11-06

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

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

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	RESV IN QUANTITY	LOT #	INVLCC NUMBER	INVENTORY DETAIL		
								LOT QUANTITY	LOT DATE	BIN
1	LAT-DS-02389 PWR. GLAST. TFS ORIGINAL QUANTITY...	EA	1.00				SK2 FN-D1	0.00		
			2.00				SKCF2	120305	12.00	09-21-07
				ASVD	1.00	120305				
2	LAT-DS-02630-01 ASSY. CABLE. TFS I/P PWR ORIGINAL QUANTITY...	EA	1.00	BO	1.00		SK2 FN-D2	0.00		
			1.00				SKCF2	17.00		
3	LAT-DS-02465 HEAT SHIP. TFS ORIGINAL QUANTITY...	EA	4.00				SK2 FN-D3	0.00		
			4.00				SKCF2	115014	56.00	06-23-07
				ASVD	4.00	115014				
4	LAT-DS-02831-01 ASSY. CABLE. TFS O/P PWR ORIGINAL QUANTITY...	EA	1.00	BO	1.00		SK2 FN-D4	0.00		
			1.00				SKCF2	18.01		
5	LAT-DS-03598 SUPPORT. CABLE HARNESS ORIGINAL QUANTITY...	EA	2.00				SK2 FN-D21	0.00		
			2.00				SKCF2	115020	14.00	09-27-04
				ASVD	2.00	115020				
							SKCF2	110106	23.00	09-11-07
										IN ASSY
6	LAT-DS-06836 LABEL. SN ORIGINAL QUANTITY...	EA	1.00	BO	1.00		SK2 FN-D33	0.00		
			1.00				SKCF2			
7	MS611490M430R WASHER ORIGINAL QUANTITY...	EA	4.00				SK2 FN-D6	0.00		
			1.00				SKCF2	116116	129.00	09-27-04
				ASVD	4.00	116116				
										LOT 115
8	MS611490M430R NUT. 66. 6V. PAT ORIGINAL QUANTITY...	EA	19.00	ASVD	19.00	120295	SK2 FN-6	0.00	02.00	02-02-05

WORK ORDER : 112065

( NEW )

WORK ORDER PICK LIST

PAGE: 3

ASSEMBLY # : LAT-DS-03388  
QUANTITY : 1  
LOCATION: W02

BY LINE ITEM

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

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

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

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	RSVD IN QUANTITY	RSVD IN LOT #	INVLDC NUMBER	INVENTORY DATA			
								LOT NUMBER	LOT QUANTITY	LOT DATE	LOT LIFE
8	NAS67106 NUT, HEX, SK, PAT CONS from prior page.	EA	19.00				FN-6 117403	57.00	11-04-04	D3H	
							FN-6 122960	510.00	02-02-05		
							FN-6 122964	500.00	02-03-05		
							FN-6 122967	500.00	02-02-05		
							SKCF2 44571	15.00	09-19-00	C910	
							116770	423.00	10-08-04		
9	NAS1352N06-6 SCREW ORIGINAL QUANTITY...	EA	7.00				SK2 FN-D7	0.00			
			7.00				SKCF2 115011	131.70	09-27-04		
				RSVD	7.00	115011					
10	NAS1352N04-6 SCREW ORIGINAL QUANTITY...	EA	4.00				SK2 FN-D8	0.00			
			4.00				SKCF2 114832	524.00	09-23-04	LOT 455	
				RSVD	4.00	114832					
							115012	717.00	09-27-04	IN ASSY	
11	NAS1149CN632R WASHER ORIGINAL QUANTITY...	EA	19.00				SK2 FN-D9	0.00			
			19.00				SKCF2 115010	327.00	09-27-04		
				RSVD	19.00	115010					
12	NAS67104 NUT, HEX, SS, PASS, 4-40TRD ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	122091	SK2 FN-D10	133.00	01-20-05	HW7	
			4.00				FN-D10 122142	64.00	01-20-05		
							FN-D10 122160	200.00	01-21-05		
							FN-D10 123106	3000.00	02-06-05		
							FN-D10 123384	320.00	02-07-05		

ASSEMBLY # : SAT-DS-02389  
QUANTITY : 1  
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	REQD QTY	CURR STATUS	RESV IN	LOT NUMBER	INVENTORY DETAIL		
						QUANTITY	LOT DATE	BINLOC
12	NAS67104 NUT, HEX, SS, PASS, 4-40X3/4 Cont from prior page.	EA	4.00		123397 FN-D10 PULLED:	610.00	02-07-05	
					123512 FN-D10 PULLED:	80.00	02-07-05	
					123521 FN-D10 PULLED:	155.00	02-07-05	
					123532 FN-D10 PULLED:	162.00	02-07-05	
					123491 FN-D10 PULLED:	700.00	02-07-05	
					SKCPS 118009 PULLED:	37.00	09-27-04	LOT 115
13	CV-2946 RTV, NUSIL TECH ORIGINAL QUANTITY...	OZ	1.00	BO	SK2 FN-D11 PULLED:	0.00		
			1.00		SKCPS PULLED:	0.00		
14	0151 ADHESIVE, NYLON, 400 KIT ORIGINAL QUANTITY...	OZ	1.00	BO	SK2 FN-D12 PULLED:	0.00		
			1.00		SKCPS PULLED:	0.00		
15	PDIM-C76 TIE, CABLE LOCKING PANCAKE ORIGINAL QUANTITY...	EA	5.00	BO	SK2 FN-D12 PULLED:	0.00		
			5.00		SKCPS PULLED:	0.00		
16	5750 CONFORMAL COATING URETHANE ORIGINAL QUANTITY...	OZ	1.00	BO	SK2 FN-D17 PULLED:	0.00		
			1.00		SKCPS PULLED:	0.00		
17	DC6-1104 ADHESIVE ORIGINAL QUANTITY...	OZ	1.00	BO	SK2 FN-D18 PULLED:	0.00		
			1.00		SKCPS PULLED:	0.00		
18	M22750/11-24-9 WIRE, 24AWG, WHITE ORIGINAL QUANTITY...	IN	1.00	REVD	SK2 46190 FN-D13 PULLED:	1000.00	09-14-00	SH2 K4

*Handwritten signature or initials*

WORK ORDER : 112065

( NEW )

WORK ORDER PICK LIST

PAGE: 4

ASSEMBLY # : LAT-DS-02188  
QUANTITY : 1  
LOCATION: W02

BY LINE ITEM

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

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

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

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RSVD IN	INVOICE	LOT NUMBER	INVENTORY DETAIL					
			QUANTITY	STAT				QUANTITY	LOT #	QUANTITY	LOT DATE	BIN	QUANTITY
	WIRE, 14AWG, WHITE Cont from prior page.					SKCP2	115299	17716.00	10-01-04	LOT1152			
18	LAT-DS-04101 HEADSINK ORIGINAL QUANTITY...	EA	2.00		2.00	SK2 FN-025		0.00					
				RSVD	2.00	SKCP2	120304	54.00	05-11-07				
20	AKF161 IC FILTER ORIGINAL QUANTITY...	EA	1.00		1.00	SK2 FN-14 VPS		0.00					
				RSVD	1.00	SKCP2	114955	17.00	09-27-04				
21	MAX724ECC IC ORIGINAL QUANTITY...	EA	7.00		7.00	SK2 FN-16 U6 U7 U8 U10 U15 U17 U18		0.00					
				RSVD	7.00	SKCP2	114961	149.00	09-27-04				
22	5562X96635C1VXC IC ORIGINAL QUANTITY...	EA	5.00		5.00	SK2 FN-35 U20 U559 U640 U655 U660		0.00					
				RSVD	5.00	SKCP2	120301	85.00	12-16-04	DRY-10			
24	8821C400TXV DIODE ORIGINAL QUANTITY...	EA	7.00		7.00	SK2 FN-19 D1 D2 D3 D4 D8 D19 D20		0.00					
				RSVD	7.00	SKCP2	114946	210.00	09-27-04				
24	JANTXV1N4153UR-1 DIODE ORIGINAL QUANTITY...	EA	8.00		8.00	SK2 FN-10 D602 D603 D609 D609 D609 D609 D609		0.00					
				RSVD	8.00	SKCP2	114949	224.00	09-27-04				
25	JANTXV1N6487US DIODE 1N6487US ORIGINAL QUANTITY...	EA	8.00		8.00	SK2 FN-21 D601 D604 D607 D608 D601 D604		0.00					
				RSVD	8.00	SKCP2	114950	125.00	09-27-04				
26	JANTXV1N6487US DIODE ORIGINAL QUANTITY...	EA	6.00		6.00	SK2 FN-23 CR1 CR2 CR3 CR4 CR5 CR9		0.00					



ASSEMBLY # LAT-DS-02188  
QUANTITY 1  
LOCATION W02

BY LINE ITEM

EFFECTIVITY DATE: 02-12-05  
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	LOT NUMBER	INVENTORY DETAIL			
				STAT	QUANTITY				LOT	LOT DATE	BIN	QUANTITY
	DIODE Cont from prior page.	EA	RSVD	6.00	114952		SKCF2	114952	148.00	09-27-04		
27	JANTXV1N4106UR-1 DIODE ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114953	SK2 FN-24	CR5 D3C D605 D608	0.00	49.00	09-27-04	
28	JANTXV1N4474US DIODE ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	114955	SK2 FN-26	D603	0.00	14.00	09-27-04	
29	JANTXV1N6485US DIODE ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	114951	SK2 FN-22	CR2	0.00	11.00	09-27-04	
30	JANTXV1N3439 TRANSISTOR ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	115006	SK2 FN-51	Q604 Q650 Q64 Q65C	0.00	82.00	09-27-04	
31	5862R5582402VXC IC ORIGINAL QUANTITY...	EA	6.00	RSVD	6.00	120302	SK2 FN-38	U1 U2 U31 U32 U661 U661	0.00	10.00	12-16-04 DRY-10	
32	GRK32BX1018KUS CAP 0.01UF 100V 10% ORIGINAL QUANTITY...	EA	22.00	RSVD	22.00	114937	SK2 FN-4	C1 C2 C3 C4 C31 C35 C36 C37 C38 C32 C66 C73 C78 C110 C114 C135 C137 C14 C62 C896 C908 C608 C898 C898	0.00	22.00	09-27-04	
33	CR025HD106KCB CAPACITOR ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114939	SK2 FN-8	CR50 CR97 CR50 CR97	0.00	308.00	09-27-04	
34	M39101/22-0587M CAPACITOR ORIGINAL QUANTITY...	EA	30.00		30.00		SK2 FN-8	CR50 CR97 CR50 CR97 C103 C103 C103 C103 C103 C103 C103 C103 C103 C103 C103 C103 C103 C103 C103 C103 C103 C103 C103 C103 C103 C103 C103 C103	0.00			





ITEM # : LAT-DS-00188  
 QUANTITY : 1  
 LOCATION : W02

BY LINE ITEM

EFFECTIVITY DATE: 02-10-09  
 RELEASE DATE: 12-01-04  
 DATE PRINTED: 01-11-09

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

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		REQ STATUS	RESV IN	LOT	INVENTORY DETAIL						
			RECEIVED QUANTITY	STAT QUANTITY				LOC	QTY	DATE	BIN	LOC	QTY	
42	M55342K0981F00R RESISTOR ORIGINAL QUANTITY...	EA	2.00				SK2 FN-44 R580 R680	0.00						
			RSVD	2.00	114828		SKCF2 114828	44.00	09-23-04	/				
							PULLED:							
							114869	22.00	09-27-04					
							PULLED:							
43	M55342K0681E21R RESISTOR ORIGINAL QUANTITY...	EA	3.00				SK2 FN-48 R5 98 R21	0.00						
			RSVD	3.00	114971		SKCF2 114971	143.00	09-27-04	/				
							PULLED:							
44	M55342K0681E37R RESISTOR ORIGINAL QUANTITY...	EA	4.00				SK2 FN-47 R15 R28 R81 R82	0.00						
			RSVD	4.00	114972		SKCF2 114972	153.00	09-27-04	/				
							PULLED:							
45	M55342K0481E03R RESISTOR, CHIP, 100M, 1K OH ORIGINAL QUANTITY...	EA	6.00	RSVD	6.00	01633	SK2 FN-48 R17 R41 R48 R89 R550 R650	155.00	09-20-04	/				
							SKCF2 114819	1235.00	09-23-04	/				
							PULLED:							
							114976	178.00	09-27-04					
							PULLED:							
46	M55342K0681F00R RESISTOR, CHIP, 100M, 1M OHM ORIGINAL QUANTITY...	EA	6.00				SK2 FN-49 R606 R615 R550 R606 R615 R550	0.00						
			RSVD	6.00	114819		SKCF2 114819	630.00	09-23-04	/				
							PULLED:							
							114977	217.00	09-27-04					
							PULLED:							
47	M55342K0980E00R RES. CHIP, 3.3K, 1W, 70W ORIGINAL QUANTITY...	EA	1.00				SK2 FN-22 R230	0.00						
			RSVD	1.00	115091		SKCF2 115091	127.00	09-28-04	/				
							PULLED:							
48	M55342K0682E74R RESISTOR, 1W ORIGINAL QUANTITY...	EA	3.00				SK2 FN-22 R71 R75 R77	0.00						
			RSVD	3.00	114980		SKCF2 114980	75.00	09-27-04	/				
							PULLED:							



WORK ORDER : 112065

[ NEW ]

WORK ORDER PICK LIST

PAGE: 5

INVENTORY # : SAT-DE-02358  
DATE: 11-27-04  
LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE: 10-10-03  
DATE PRINTED: 11-27-04

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

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

LINE #	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		REQD IN LOT #	INVOIC NUMBER	INVENTORY DETAIL		
			QUANTITY	STATUS			QUANTITY	LOT DATE	BIN
49	M55342K06B4E75R RESISTOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00 91326	SK2 FN-53 R509 R409 PULLED	0.00	810A	
						SKCF2 91326 PULLED	67.00	09-24-03	CF2
						114991 PULLED	188.00	09-27-04	
50	M55342K06B5E62R RESISTOR ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00 119010	SK2 FN-56 R14 PULLED	25.00	11-30-04	87E
						SKCF2 114954 PULLED	144.00	09-27-04	
51	M55342K06B6E25R RESISTOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00 54030	SK2 FN-57 R7 R13 PULLED	12.00	04-15-03	85F
						SKCF2 114995 PULLED	88.00	09-27-04	
52	M55342K06B10P0R RESISTOR,CHIP,100W,10K,0 ORIGINAL QUANTITY...	EA	21.00	RSVD	21.00 114930	SK2 FN-59 R8 R6 R56 R87 R102 R502 R6 R6 R6 R60 R60 R60 R60 R60 R60 R60 R60 R60 R60 PULLED	107.00	09-23-04	CF2
						SKCF2 114930 PULLED	65.00	09-27-04	
						91324 PULLED	58.00	09-24-03	
53	C0R04BXC44XUS CAP,1uF,50V ORIGINAL QUANTITY...	EA	32.00	RSVD	32.00 114935	SK2 FN-53 C106 C106 C106 C106 C106 C106 C106 C106 C106 C106 C106 C106 C106 C106 C106 C106 PULLED	601.00	09-27-04	
						SKCF2 114935 PULLED			
54	C0R10X102BKUS CAP,10uF,50V ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00 114936	SK2 FN-53 C530 C630 PULLED	0.00		
						SKCF2 114936 PULLED	97.00	09-27-04	
55	C0R10P102BPUS CAP,10uF,50V ORIGINAL QUANTITY...	EA	14.00	RSVD	14.00 114938	SK2 FN-53 C106 C106 C106 C106 C106 C106 C106 C106 C106 C106 C106 C106 C106 C106 C106 C106 PULLED	840.00	09-27-04	
						SKCF2 114938 PULLED			

ASSEMBLY # LAT-DS-02358  
QUANTITY: 1  
LOCATION: M02

BY LINE ITEM

EFFECTIVITY DATE: 02-11-05  
RELEASE DATE: 12-01-04  
DATE PRINTED: 07-11-05

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

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

LINE	PART NUMBER AND DESCRIPTION	UOM	REQUIRED QUANTITY	CURR STATUS	RESV IN QUANTITY	RESV IN LOT #	INVLOC NUMBER	INVENTORY DETAIL								
								LOT	QUANTITY	LOT DATE	BINLOC					
56	CDR338X2218KUS CAPACITOR ORIGINAL QUANTITY...	EA	4.00				SK2 FN-7 C503 C551 C603 C651	3.00								
			4.00	RSVD	4.00	114940	SKCF2 114940	244.00	09-27-04							
57	CDR338X473AKUS CAPACITOR ORIGINAL QUANTITY...	EA	7.00				SK2 FN-9 C6 C7 C13 C15 C17 C74 C77	0.00								
			7.00	RSVD	7.00	114799	SKCF2 114799	1253.00	09-23-04							
						114942		333.00	09-27-04							
58	CDR338P4708AKUS CAPACITOR ORIGINAL QUANTITY...	EA	4.00				SK2 FN-10 C.02 C512 C561 C661	0.00								
			4.00	RSVD	4.00	115090	SKCF2 115090	751.00	09-28-04							
59	CWR395D174KDR CAPACITOR	EA	89.00				SK2 FN-11 C101 C102 C103 C104 C105 C106 C107 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C118 C119 C120 C121 C122 C123 C124 C125 C126 C127 C128 C129 C130 C131 C132 C133 C134 C135 C136 C137 C138 C139 C140 C141 C142 C143 C144 C145 C146 C147 C148 C149 C150 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C162 C163 C164 C165 C166 C167 C168 C169 C170 C171 C172 C173 C174 C175 C176 C177 C178 C179 C180 C181 C182 C183 C184 C185 C186 C187 C188 C189 C190 C191 C192 C193 C194 C195 C196 C197 C198 C199 C200 C201 C202 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C213 C214 C215 C216 C217 C218 C219 C220 C221 C222 C223 C224 C225 C226 C227 C228 C229 C230 C231 C232 C233 C234 C235 C236 C237 C238 C239 C240 C241 C242 C243 C244 C245 C246 C247 C248 C249 C250 C251 C252 C253 C254 C255 C256 C257 C258 C259 C260 C261 C262 C263 C264 C265 C266 C267 C268 C269 C270 C271 C272 C273 C274 C275 C276 C277 C278 C279 C280 C281 C282 C283 C284 C285 C286 C287 C288 C289 C290 C291 C292 C293 C294 C295 C296 C297 C298 C299 C300 C301 C302 C303 C304 C305 C306 C307 C308 C309 C310 C311 C312 C313 C314 C315 C316 C317 C318 C319 C320 C321 C322 C323 C324 C325 C326 C327 C328 C329 C330 C331 C332 C333 C334 C335 C336 C337 C338 C339 C340 C341 C342 C343 C344 C345 C346 C347 C348 C349 C350 C351 C352 C353 C354 C355 C356 C357 C358 C359 C360 C361 C362 C363 C364 C365 C366 C367 C368 C369 C370 C371 C372 C373 C374 C375 C376 C377 C378 C379 C380 C381 C382 C383 C384 C385 C386 C387 C388 C389 C390 C391 C392 C393 C394 C395 C396 C397 C398 C399 C400 C401 C402 C403 C404 C405 C406 C407 C408 C409 C410 C411 C412 C413 C414 C415 C416 C417 C418 C419 C420 C421 C422 C423 C424 C425 C426 C427 C428 C429 C430 C431 C432 C433 C434 C435 C436 C437 C438 C439 C440 C441 C442 C443 C444 C445 C446 C447 C448 C449 C450 C451 C452 C453 C454 C455 C456 C457 C458 C459 C460 C461 C462 C463 C464 C465 C466 C467 C468 C469 C470 C471 C472 C473 C474 C475 C476 C477 C478 C479 C480 C481 C482 C483 C484 C485 C486 C487 C488 C489 C490 C491 C492 C493 C494 C495 C496 C497 C498 C499 C500 C501 C502 C503 C504 C505 C506 C507 C508 C509 C510 C511 C512 C513 C514 C515 C516 C517 C518 C519 C520 C521 C522 C523 C524 C525 C526 C527 C528 C529 C530 C531 C532 C533 C534 C535 C536 C537 C538 C539 C540 C541 C542 C543 C544 C545 C546 C547 C548 C549 C550 C551 C552 C553 C554 C555 C556 C557 C558 C559 C560 C561 C562 C563 C564 C565 C566 C567 C568 C569 C570 C571 C572 C573 C574 C575 C576 C577 C578 C579 C580 C581 C582 C583 C584 C585 C586 C587 C588 C589 C590 C591 C592 C593 C594 C595 C596 C597 C598 C599 C600 C601 C602 C603 C604 C605 C606 C607 C608 C609 C610 C611 C612 C613 C614 C615 C616 C617 C618 C619 C620 C621 C622 C623 C624 C625 C626 C627 C628 C629 C630 C631 C632 C633 C634 C635 C636 C637 C638 C639 C640 C641 C642 C643 C644 C645 C646 C647 C648 C649 C650 C651 C652 C653 C654 C655 C656 C657 C658 C659 C660 C661 C662 C663 C664 C665 C666 C667 C668 C669 C670 C671 C672 C673 C674 C675 C676 C677 C678 C679 C680 C681 C682 C683 C684 C685 C686 C687 C688 C689 C690 C691 C692 C693 C694 C695 C696 C697 C698 C699 C700 C701 C702 C703 C704 C705 C706 C707 C708 C709 C710 C711 C712 C713 C714 C715 C716 C717 C718 C719 C720 C721 C722 C723 C724 C725 C726 C727 C728 C729 C730 C731 C732 C733 C734 C735 C736 C737 C738 C739 C740 C741 C742 C743 C744 C745 C746 C747 C748 C749 C750 C751 C752 C753 C754 C755 C756 C757 C758 C759 C760 C761 C762 C763 C764 C765 C766 C767 C768 C769 C770 C771 C772 C773 C774 C775 C776 C777 C778 C779 C780 C781 C782 C783 C784 C785 C786 C787 C788 C789 C790 C791 C792 C793 C794 C795 C796 C797 C798 C799 C800 C801 C802 C803 C804 C805 C806 C807 C808 C809 C810 C811 C812 C813 C814 C815 C816 C817 C818 C819 C820 C821 C822 C823 C824 C825 C826 C827 C828 C829 C830 C831 C832 C833 C834 C835 C836 C837 C838 C839 C840 C841 C842 C843 C844 C845 C846 C847 C848 C849 C850 C851 C852 C853 C854 C855 C856 C857 C858 C859 C860 C861 C862 C863 C864 C865 C866 C867 C868 C869 C870 C871 C872 C873 C874 C875 C876 C877 C878 C879 C880 C881 C882 C883 C884 C885 C886 C887 C888 C889 C890 C891 C892 C893 C894 C895 C896 C897 C898 C899 C900 C901 C902 C903 C904 C905 C906 C907 C908 C909 C910 C911 C912 C913 C914 C915 C916 C917 C918 C919 C920 C921 C922 C923 C924 C925 C926 C927 C928 C929 C930 C931 C932 C933 C934 C935 C936 C937 C938 C939 C940 C941 C942 C943 C944 C945 C946 C947 C948 C949 C950 C951 C952 C953 C954 C955 C956 C957 C958 C959 C960 C961 C962 C963 C964 C965 C966 C967 C968 C969 C970 C971 C972 C973 C974 C975 C976 C977 C978 C979 C980 C981 C982 C983 C984 C985 C986 C987 C988 C989 C990 C991 C992 C993 C994 C995 C996 C997 C998 C999	89.00	RSVD	89.00	114943	SKCF2 114943	1799.00	09-27-04		
60	CDR338P1018KUS CAPACITOR ORIGINAL QUANTITY...	EA	4.00				SK2 FN-12 C101 C507 C607 C612	0.00								
			4.00	RSVD	4.00	114944	SKCF2 114944	510.00	09-27-04							
61	JANTXV1N4480US DIODE ORIGINAL QUANTITY...	EA	1.00				SK1 FN-25 D800	0.00								
			1.00	BD	1.00		SKCF2	0.00								
62	FKE110 FUSE, POLYSWITCH ORIGINAL QUANTITY...	EA	2.00				SK2 FN-31 F1 F5	0.00								
			2.00	RSVD	2.00	114958	SKCF2 114958	46.00	09-27-04							
63	FWR100R210FA RESISTOR ORIGINAL QUANTITY...	EA	1.00				SK2 FN-43 R22	0.00								



WORK ORDER : 113068

( NEW )

WORK ORDER PICK LIST

PAGE: 10

ASSEMBLY : LAT-DS-02388  
PLANT :  
LOCATION: W02

BY LINE ITEM

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

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

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

LINE	DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	RESV IN LOT #	INVOLOC NUMBER	INVENTORY DETAIL		
							LOT QUANTITY	LOT DATE	BIN
	RESISTOR Cont from prior page	EA		RSVD	1.00 114968	SKCF2 114968	93.00	09-27-04	
64	M55142K06B1821R RESISTOR ORIGINAL QUANTITY...	EA	4.00			SK2 FN-45 R20 R53 R58 R61 PULLED:	0.00		
				RSVD	4.00 114970	SKCF2 114970	222.00	09-27-04	
65	M55142K06B2821R RESISTOR ORIGINAL QUANTITY...	EA	8.00			SK2 FN-51 R37 R40 R64 R65 R66 R67 PULLED:	0.00		
				RSVD	8.00 114979	SKCF2 114979	443.00	09-27-04	
66	M55142K06R10F0R RESISTOR ORIGINAL QUANTITY...	EA	4.00			SK2 FN-80 R543 R644 R643 R644 PULLED:	0.00		
				RSVD	4.00 114820	SKCF2 114820	84.00	09-23-04	
						114989	210.00	09-27-04	
67	M55142K06B1120R RESISTOR ORIGINAL QUANTITY...	EA	3.00			SK2 FN-61 R16 R18 R46 PULLED:	0.00		
				RSVD	3.00 114989	SKCF2 114989	122.00	09-27-04	
68	M55142K06B1120R RESISTOR CHIP 120M 15K 0 ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00 4705	SK2 4705 FN-62 R19 PULLED:	140.00	03-26-98 558	
						SKCF2 114990	83.00	09-27-04	
69	M55142K06B1820R RESISTOR ORIGINAL QUANTITY...	EA	2.00			SK2 FN-63 R231 R667 PULLED:	0.00		
				RSVD	2.00 114991	SKCF2 114991	132.00	09-27-04	
70	M55142K06B2020R RESISTOR 20K0000 ORIGINAL QUANTITY...	EA	8.00	RSVD	8.00 17105	SK2 17105 FN-74 R505 R507 R510 R525 R605 R607 R611 PULLED:	100.00	03-23-98 597	
						SK2 16973 FN-74 R505 R507 R510 R525 R605 R607 R611 PULLED:	100.00	03-23-98 597	

114970

WORK ORDER : 112068

( NEW )

WORK ORDER PICK LIST

PAGE: 11

WBLBY # : 1AT-DS-02358  
PLANT : 1  
LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE: 08-10-06  
RELEASE DATE : 08-31-04  
DATE PRINTED : 08-11-04

DATE FILLED:

FILLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REVISION	RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL			
									LOT QUANTITY	LOT DATE	BINLOC	BIN QUANTITY
	RESISTOR, 20Kohms Cont from prior page.	EA					SKCF2	114992	206.00	08-27-04		
								FILLED:				
71	M55342K09822D1R RESISTOR ORIGINAL QUANTITY...	EA	1.00				SK2	FN-65 R511	1.00			
			1.00					FILLED:				
			RSVD	1.00	114993		SKCF2	114993	137.00	08-27-04		
								FILLED:				
72	M55342K06922E1R RESISTOR ORIGINAL QUANTITY...	EA	5.00	RSVD		5.00	50550	SK2	50550	33.00	12-15-00	550
			5.00					FN-65 R14 R45 R512 R556 R511				
								FILLED:				
							SKCF2	50591	27.00	08-15-00	550	
								FILLED:				
								114994	272.00	08-27-04		
								FILLED:				
73	M55342K0693352R RESISTOR ORIGINAL QUANTITY ..	EA	1.00					SK2	FN-67 R564	0.00		
			1.00					FILLED:				
			RSVD	1.00	114995		SKCF2	114995	134.00	08-27-04		
								FILLED:				
	M55342K0694950R RESISTOR, 49.9Kohms ORIGINAL QUANTITY...	EA	6.00	RSVD		6.00	83542	SK2	83542	323.00	03-31-03	818
			6.00					FN-68 R27 R42 R598 R599 R638 R699				
								FILLED:				
							SKCF2	114996	269.00	08-27-04		
								FILLED:				
75	M55342K04861E9R RESISTOR ORIGINAL QUANTITY ..	EA	1.00	RSVD		1.00	94266	SK2	84266	17.00	04-15-03	878
			1.00					FN-69 R667				
								FILLED:				
							SKCF2	114997	144.00	08-27-04		
								FILLED:				
76	M55342K0691000R RESISTOR, CHIP, 100W, 100 OH ORIGINAL QUANTITY ..	EA	4.00	RSVD		4.00	104427	SK2	104427	240.00	04-27-04	878
			4.00					FN-70 R501 R535 R601 R630				
								FILLED:				
							SKCF2	114922	3478.00	08-23-04		
								FILLED:				
								114999	6.00	08-27-04		
								FILLED:				
77	M55342K0691000R RESISTOR, CHIP, 100W, 100K ORIGINAL QUANTITY...	EA	15.00					SK2		0.00		850
			15.00					FN-71 R4 R7 R100 R201 R202 R203 R204				
								R206 R207 R513 R557 R613 R697				
								FILLED:				



POLY # : LAT-09-02388  
QUANTITY : 1  
LOCATION : W02

BY LINE ITEM

EFFECTIVITY DATE: 02-10-03  
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 STAT QUANTITY	RECV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL			
									QUANTITY	LOT DATE	BIN	QUANTITY
	RESISTOR,CHIP,100K,100K Cont from prior page.	EA	13.00	RSVD	13.00	114823	SKCF2	114823	1318.00	09-23-04	S93	
								PULLED:				
								114999	16.00	09-27-04		
								PULLED:				
								86596	40.00	01-08-04		
								PULLED:				
76	M55142K06B301DK RES:500K ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	50799	SK2 FN-73 R50	50769	29.00	12-20-00	S93	
								PULLED:				
								SKCF2 91326	84.00	09-24-03	CF10	
								PULLED:				
								115000	47.00	09-27-04		
								PULLED:				
79	D55342K07B401DK RES:400K,1/4W,1% ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	84272	SK2 FN-73 R532	84272	20.00	04-16-03	S2G	
								PULLED:				
								FN-73 2714 R502	10.00	09-24-04		
								PULLED:				
								SKCF2 115001	93.00	09-27-04		
								PULLED:				
	D55142K07B511ER RESISTOR ORIGINAL QUANTITY...	EA	10.00						0.00			
								SK2 FN-74 R534 R533 R554 R555 R631 R632 R633 R651 R654 R655				
								PULLED:				
								SKCF2 115002	306.00	09-27-04		
								PULLED:				
81	M55942K06B549DR RESISTOR ORIGINAL QUANTITY...	EA	2.00						0.00			
								SK1 FN-75 R122 R143				
								PULLED:				
								SKCF2 115003	480.00	09-27-04		
								PULLED:				
82	S31151E-0957R6 THERMISTOR 30K ORIGINAL QUANTITY...	EA	2.00						0.00			
								SK2 FN-79 R1 R1				
								PULLED:				
								SKCF2 115004	40.00	09-27-04		
								PULLED:				
85	JANTXV22221A/B TRANSISTOR NEW ORIGINAL QUANTITY...	EA	21.00						0.00			
								SK2 FN-87 C1 C2 C4 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				
								PULLED:				
								SKCF2 120303	425.00	12-16-04		
								PULLED:				

ASSEMBLY # : LAD-DS 02388  
QUANTITY : 1  
LOCATION: WC2

BY LINE ITEM

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

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

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

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS		INVL	LOT	INVENTORY DETAIL		
					STAT QUANTITY	RECV IN LOT #			QUANTITY	LOT DATE	BIN
54	2AN7KV2N2807AUB TRANSISTOR ORIGINAL QUANTITY...	EA	2.00					SK2 FN-52 Q599 Q599 PULLED:	0.00		
			2.00		REV'D	2.00	115007	SKCF2 115007 PULLED:	92.00	09-27-04	
55	M55342K09B4E99K RESISTOR ORIGINAL QUANTITY...	EA	2.00					SK2 FN-54 R519 R619 PULLED:	0.00		
			2.00		REV'D	2.00	114982	SKCF2 114982 PULLED:	215.00	09-27-04	
56	M55342K09B6E11R RESISTOR ORIGINAL QUANTITY...	EA	2.00	REV'D	2.00	60870		SK2 FN-55 R508 R608 PULLED:	44.00	09-27-04	ESP
			2.00					SKCF2 114809 PULLED:	204.00	09-23-04	
								SKCF2 114983 PULLED:	212.00	09-27-04	
57	M55342K09B10D1R RESISTOR ORIGINAL QUANTITY...	EA	1.00					SK2 FN-56 R511 PULLED:	0.00		
			1.00		REV'D	1.00	114986	SKCF2 114986 PULLED:	237.00	09-27-04	

CCA P/N: LAT-DS-02388 GLAT 1782 GT 112

W.O. #: 112065

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

Date: 5/23/05

**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: <sup>5/23/05</sup> 10:40 AM - <sup>5/24/05</sup> 6:30 AM 5/23/05

OVEN CURE: 6:30 AM (5-24-05) TO 9:30 AM

WESTEK

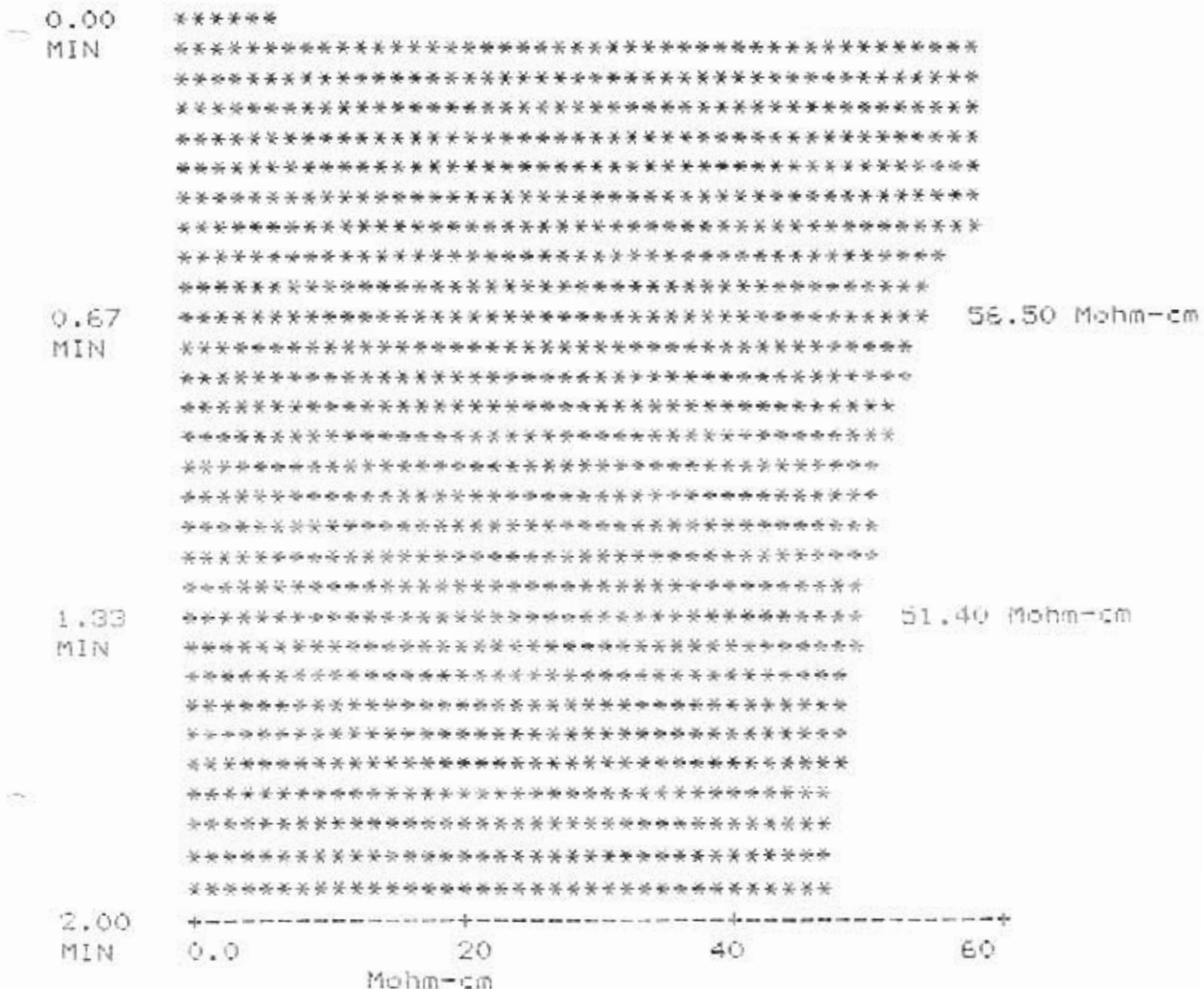
Operator :STEPHANIE  
05/22/05  
07:12:37

Test Type : Test  
Test name : 'Manual Test'  
Board # GT112 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  
F/F LIMIT : 10.07 ug/sq in  
: 7.70 Mohm-cm

Initial Resistivity : 42.87 Mohm-cm  
NaCl Equivalence (Final) : 0.80 ug/sq in

TIME vs RESISTIVITY





## REWORK TRAVELER

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

APPROVAL <span style="float: right;">(Original signed edition RESERVED for copying.)</span>							
G. POZD	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>112</u> GLAT- <u>1782</u>	(GTC 1299) BYP	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>	(GTC 1299) BYP	05/02/05	
3	AQUEOUS CLEAN USING RECIPE #3	(GTC 1299) BYP	05/02/05	
4	INSPECTION: INSPECT FOR BOARD CLEANLINESS. NO SOLDER BALLS ALLOWED.	(GTC 1299)	5/3/05	
5	SOURCE INSPECTION	LAT 10 QA	5/3/05	

## REWORK TRAVELER

NO: F17300	PART NO: SLAC LAT-DS-02388	REV: 57
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ASSEMBLY NAME: TPS CCA	QTY: 1
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APPROVAL			G. HEFKIN			K. BERGTHOLDT			P. LUJAN		
G. POZZI <i>G. Pozzi</i> 4-28-05			DATE			<i>K. Bergtholdt to MKM</i>			<i>P. Lujan</i> 4-28-05		
PREPARED BY	DATE	ENG MGR	DATE	QA MGR	DATE	SLAC SOURCE	DATE				
		<i>[Signature]</i>			4/28/05						








STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	Record serial numbers: __ TPS LAT-DS-02388 SN GT- <u>112</u> GLAT- <u>1782</u>	<i>[Signature]</i>	04/28/05	
2	OPERATOR: STAKE R22 PER CAA-LAT-DS-02388, STEP 40. CURE PER INSTRUCTION IN STEP 40	P O 1946	4/28/05	
3	INSPECTION: INSPECT FOR BOARD CLEANLINESS. NO SOLDER BALLS ALLOWED.	<i>[Signature]</i>	5/3/05	
4	SOURCE INSPECTION		5/3/05	

## REWORK TRAVELER

SO NO: F17300	PART NO: LAT-DS-02388 TPS	REV: 57
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ASSEMBLY NAME: SLAC TPS	QTY: 19
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APPROVAL							
PREPARED BY	DATE	ENG MGR	DATE	QA MGR	DATE	Source Insp.	DATE
G. Pozzi	4-25-05	G. Hefkin	4-25-05	M. Mora	4-25-05	P. Lujan	4-25-05











STEP	OPERATION	Operator Sign Off.	Date	Time spent
	<b>RE-NCMR 2323.</b> <i>gml</i>			
1	Record serial numbers Affected: __ GT-104 Glat-1774 Thru GT-122 Glat-1792 __ Serial Number <u>GT112 GLAT 1782</u>	 <i>gml</i>	04/25/05	
2	REMOVE ALL CABLE TIE WRAPS ON HARNESSSES.	 <i>AND</i>	05/02/05	
3	REPLACE ALL CABLE TIE WRAPS USING THE PANDUIT CABLE TIE WRAP TOOL ON SETTING "STANDARD", AT LEVEL "7".	 <i>AND</i>	05/02/05	
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 FOR MIX INSTRUCTIONS</i>	 <i>AND</i>	05/02/05	
5	Hysol 0151 data: DATE MIXED <u>05/02/05</u> Expiration Date <u>01/31/07</u> PO# <u>31403</u>	 <i>AND</i>	05/02/05	
6	Inspection		5/3/05	
7	Source Inspection		5/3/05	



## REWORK TRAVELER

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

APPROVAL							
G. POZZI <i>G. Pozzi</i>	4-22-05	G. HEFFKIN <i>G. Heffkin</i>	4-22-05	BERGTHOLT <i>Bergtholt</i>	4/21/05	P. LUJAN <i>P. Lujan</i>	4-21-05
PREPARED BY	DATE	ENG MGR	QA MGR	PROD MGR	DATE	SOURCE	DATE

STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	NCMR 2305 REMOVE AND REPLACE Q10, Q11, AND Q12 Record serial numbers: TPS LAT-DS-02388 SN's GT- <u>112</u> . GLAT- <u>1782</u>	 <i>Byf</i>	04/22/05	
2	<b>OPERATOR:</b> REMOVE Q10, Q11, AND Q12. USE THE HAKO FM202 PARALLET REMOVAL SOLDERING IRON WITH 5/16" BLADE TIPS  PLACE PARTS INTO AN ESD BAG AND RECORD BOARD SERIAL NUMBER ON BAG.  KEEP PARTS WITH REWORK TRAVELER THEN ROUT TO QUALITY ENGINEERING WITH A COPY OF THE REWORK TRAVELER.	 <i>Byf</i>  <i>Byf</i>  <i>Byf</i>	05/02/05 05/02/05 05/02/05	
3	<b>OPERATOR:</b> VERIFY PADS HAVE NO DAMAGE.	 <i>Byf</i> 	5/2/05 05/02/05	
3	<b>OPERATOR:</b>  SOLDER Q10, Q11, AND Q12 ONTO BOARD USE THE METCAL SOLDERING IRON WITH A .5" BLADE TIP.	 <i>Byf</i>	05/02/05	
4	<b>OPERATOR:</b> HAND CLEAN BOARDS USING ALCOHOL.	 <i>Byf</i>	05/02/05	
5	<b>INSPECTION:</b> INSPECT PARTS FOR WORKMANSHIP AND BOARD CLEANLINESS		5/3/05	
6	<b>SOURCE INSPECTION</b>		5/3/05	



# DEFECT RECORD REPORT

ID: 30575  
PART NUMBER: LAT-DS-07388  
WORK ORDER: 112055  
SALES ORDER: F17300  
INSPECTION TYPE: CUSTOMER SOURCE  
INSPECTION LEVEL: 1  
INSPECTOR: EMARTINEZ  
OFF SOLDER: 0  
OFF ASSEMBLY: 0  
DATE: 4/7/2005  
WEEK CODE: 16  
QUANTITY: 1 RWQTY: 1  
CUSTOMER: ALAC

SERIAL NO.	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
------------	----------	----------	-------------	----------	--------------------	---------	-----------

112	1	1286	A330		VIOL OF MIN ELECT SPACING	R2	
-----	---	------	------	--	---------------------------	----	--

04/07/05 Rework done by <sup>(CFC)</sup> <sup>(VAD)</sup> <sup>(Syl)</sup> 04/07/05

4/7/05

# DEFECT RECORD REPORT

ID: 30513  
 PART NUMBER: LAT-DS-02388  
 WORK ORDER: 112065  
 SALES ORDER: F17300  
 INSPECTION TYPE: POTTING  
 INSPECTION LEVEL: 1  
 INSPECTOR: EMARTINEZ  
 QUANTITY: 1 RW QTY: 1  
 CUSTOMER: SLAC  
 OFE SOLDER: 0  
 OFE ASSEMBLY: B7  
 DATE: 4/5/2005  
 WEEK CODE: 16

SERIAL NO.	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
112 <i>Bye (128e)</i>	1	1946	A307		DAMAGED COMP	C76	
112 <i>Bye (128e)</i>	1	1946	A309		INSUFFICIENT COATING / POTTING / BONDI	CABLE	WIRES NOT INCAPSULATED
112 <i>Bye (128e)</i>	1	1946	A361		COATING NOT REQUIRED	C31	

*4/10/05*

# DEFECT RECORD REPORT

ID: 30337  
 PART NUMBER: LAT-DS-02388  
 WORK ORDER: 112065  
 SALES ORDER: F17300  
 INSPECTION TYPE: HAND SOLDER  
 INSPECTION LEVEL: 1  
 INSPECTOR: EMARTINEZ  
 OFF SOLDER: 98  
 OFF ASSEMBLY: 107  
 DATE: 3/29/2005  
 WEEK CODE: 15  
 QUANTITY: 1 RW QTY: 1  
 CUSTOMER: SLAC

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
112	1	1941	S412		< 75% HEEL FILLET AT 10X MAGN.		IP CABLE
03/29/05					Due to damaged wires replaced connector.		
03/29/05					Soldered row 1. BY [Signature] 3/29/05		
03/29/05					Soldered row 2. BY [Signature] 3/29/05		
03/29/05					Soldered row 3. BY [Signature] 3/29/05		

# GTC TEST DEFECT RECORD REPORT

TEST ID: 23605

PART NUMBER: LAT-DS-02388

TEST TYPE: SPEA

WO: 112065 WC: 4-MIXED

TEST LEVEL: 1ST

TEST QTY: 1

TEST TECH: STEFFEN BODE

FAIL QTY: 1

CUSTOMER: SLAC

DATE: 3/24/2005

PROGRAM NAME: LAT-DS-02388

SERIAL # QTY DEFECT CODE

DEFECT DESCRIPTION

REF DES

GT112 1 T300

WRONG COMPONENT USED

R231

TEST INFO

RW INFO

REWORKED BY

INSPECTED BY:

REWORK NOTES (OPTIONAL):  
R231 RESISTANCE VALUE CORRECT PER DRAWING  
NO REWORK REQUIRED M. B. J. E 2018

RETEST NOTES (OPTIONAL):

RETESTED BY:

RETEST DATE: P F

Dechase

3-25-05

X



# DEFECT RECORD REPORT

ID: 29621  
 PART NUMBER: LAI-DS 02388      INSPECTION TYPE: POST REFLOW      OFE SOLDER: 1421  
 WORK ORDER: 112055      INSPECTION LEVEL: 1      OFE ASSEMBLY: 786  
 SALES ORDER: F17300      INSPECTOR: SANDOVAL      DATE: 2/23/2005  
 QUANTITY: 1      RW QTY: 1      WEEK CODE: 10  
 CUSTOMER: SLAC



SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
GT112	1	1858	A301		MIS ORIENTATION	Q689	AS PER SMT
GT112	1	1858	A301		MIS ORIENTATION	Q599	AS PER SMT

03/10/05 Rework done by  
 By *[Signature]*  
 03/10/05  
 [Stamp] 3/10/05

# DEFECT RECORD REPORT

ID: 29485  
 PART NUMBER: LAT-DS-02388  
 WORK ORDER: 112035  
 SALES ORDER: F17300  
 INSPECTION TYPE: POST REFLOW  
 INSPECTION LEVEL: 1  
 INSPECTOR: EMARTINEZ  
 QUANTITY: 1 RW QTY: 1  
 CUSTOMER: SLAC  
 OFE SOLDER: 1258  
 OFE ASSEMBLY: 1645  
 DATE: 2/18/2005  
 WEEK CODE: 9

SERIAL NO.	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
112	1	1858	A305		MISSING COMPONENT	C102	
112	1	1858	A305		MISSING COMPONENT	C207	
112	1	1858	A384		COMP. NOT REQ'D PER DWG	R16	

03/10/05 Rework done by  03/10/05  
 3/10/05

MARK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

ASSY/PL: LAT-DS-02831-01  
ASSY, CABLE, TPR O/P PAR

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

CUST P#:   
QTY: 19  
PROJECT#: P17300  
CUST#: 15356

SERIAL NUMBER LISTING:-----  
N/A

APPROVAL:-----  
PRD: GH 08/05  
QA: GH 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 & DATE
A <sup>1</sup>	15	N/A	3		mm 3/1/05
B	4	N/A	3	TO MCK	mm 3/1/05
A <sup>2</sup>	2	N/A	6	TO MOVE	mm 3/1/05
A <sup>1B</sup>	2	N/A	7	TO MOVE	mm 3/1/05
A <sup>1A2</sup>	6	N/A	7	TO MOVE	mm 3/1/05

(whshr rev 05.19.04 gln)

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



00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000  
CONFIG

\*\*\*\*\* CONFIGURATION DOCUMENTS \*\*\*\*\*  
 ASSY & PL: LAT-DS-02831 REV PD/PL 52 OUTSTANDING EO'S NONE  
 (REFERENCE ASSY/PL LAT-DS-02388 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
2-7-05			GH



WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

PN# LAT-DS-02834-01  
ASSY. CABLE. TFS O/P FWR

WCS: 112044  
REQ. DATE: 02-08-03  
REL. DATE: 01-02-05  
SC#: 0000048800  
PC#:

CUST. PRJ: 19  
PROJECT#: F17300  
CUST#: 18156

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



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

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

QTY	REMARKS	STATUS
219/105	19	

*[Signature]*

WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/PN: LAT-DS-02831-01  
ASSY. CABLE, TPS O/P PWR

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

CUST #  
QTY 19  
PROJECTS F17300  
CUST# 15356

PAGE 3

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 @ 6" 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 ELECTRIC WIRE STRIPPER SET UP WITH  
24 AWG STRIP BLADES, A STRIP LENGTH OF 1/2" (128)  
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: RM1970 DATE: 2/16/05 STATUS Pass

*350*  
*EUBANKS SMALL MODEL #4900-CAM*  
*7/16 (.188)*  
*Pass Crimp Tensile Strength Paper attach*  
*Pass*

\* ASSEMBLY ACTIVITY...

- 1) FEED WIRE DIRECTLY OFF THE SPOOL TO THE STRIPPER.
- 2) STRIP THE INSULATION LEAVING THE SLUG. ~~W&L 12821~~ *3/16 (.188)*
- 3) CUT THE WIRE OFF AT THE INDICATED LENGTH, AND QUANTITY.  
\* CUT 78 WIRES TO 6-1/2" (8 50") LONG.
- 4) STRIP SECOND END USING THERMAL TWEEZERS, 1/4".
- 5) TIN SECOND END BY SOLDER DIP. CLEAN WITH ALCOHOL.
- 6) PULL INSULATION SLUG AND CRIMP CONTACT (22D) ONTO LEAD.  
USE M22520/2-01 CRIMPER W/ M22520.2-05 TURRET/LOCATOR.

*2-15-05*  
*3.6.05 crimp test H.G.#1941 pre-assy*  
*3.7.05 crimp test H.G.#1941 pre-assy*  
*3.18.05 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
3.7.05	2	156 wires	
<del>3/16/05</del>	<del>1</del>	<del>4 wires</del>	<del>350</del>

- 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)

WOPM CELL 4-MIXED

CUSTOMER: SIAC

TO PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/EN# IAT-US-02631-01  
ASSY, CABLE, TFS O/P PWR

WOB 112044  
REQ DATE 02-08-05  
REL DATE 02-02-05  
SOP  
POB 0000049800

CUST PB  
QTY 17  
PROJECT# F17300  
CUST# 15366

PAGE 4

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



4 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000  
CPE: 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	28 wires x 4	
<del>3-17-05</del>	<del>2</del>	<del>156 wires</del>	
3/17/05	2	dup of crimps	



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

- \* 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		

checked strips 375 wires 3/22/05  
1140  
Checked crimps & tin 3/24/05  
Checked wires for tinning 3/5 Em  
492



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

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

DRR#(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  
116 #1441  
116 #1441  
3/26/05 (6) H.6 #1441

WORK-CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 5

ASSY/PN# LAT-DS-02031-01  
ASSY. CABLE, TFS O/P PWR

WOM 112044  
REQ DATE 02-08-05  
REL DATE 02-02-05  
SOM  
PO# 0000048800

CUST FR  
QTY 19  
PROJECT# F17300  
CUST# 15356

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



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

- \* APPLY RTV, DCS-1104, TO WIRES EXITING CONNECTOR SHELL, FROM THE SHELL DOWN THE WIRES 1/2" (.5").
- \* TRANSFER RTV TO AN EFD 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# 311695 EXP. DATE 07/10/05
- \* CURE APPLIED RTV IN OVEN FOR 2 HOURS AT 120 DEG F (50 C).
- \* RECORD CURE DATE, START/STOP TIME BELOW:

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

DATE	QTY	REMARKS	STATUS
3/24/05	2		1791262
3/28/05	6	same lot of RTV used as above	H.G.#1941
4/22/05	6		1791262



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 NUMBR(S) BELOW.
- DRR#(S) \_\_\_\_\_
- \* ROUTE FOR WO CLOSURE AND NEXT ASSY - LAT-DS-02388.

DATE	QTY	REMARKS	STATUS
4/23/05	5		



W. ORDER : 112044

( NEW )

WORK ORDER PICK LIST

PAGE: 1

ASSEMBLY # : LAT-DS-02831-01  
NO QUANTITY : 19  
WIP LOCATION: W02

BY LINE ITEM

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

DATE PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UOM	REQUIREMENTS			RESV IN	LOT	INVLOC NUMBER	INVENTORY DETAIL			
			REQUIRED QUANTITY	CURR STATUS	STAT QUANTITY				LOT	QUANTITY	LOT DATE	SIN
1	20650-1 CONN. (31P407-SS-B-15) ORIGINAL QUANTITY...	EA	1.00	SO	19.00		SKCF2 FN-1		3.00			
<p>The following parts have been defined as alternates for 20650-1:            Line 1.1 311P407-SS-B 15 1 PER            Partial quantity replacements are allowed</p> <p><i>Handwritten: BLAT-DS-02831 LOT # 114947</i></p>												
2	M22759/11-24-9 WIRE, 24AWG, WHITE ORIGINAL QUANTITY...	IN	860.00	RSVD	16340.00	115299	SKCF2 FN-3	115299	34056.00	10-01-04	LOT1152	
3	206071-1 CONTACT (206071-1) ORIGINAL QUANTITY...	EA	26.84	SO	510.00		SKCF2 FN-2		0.00			
<p>The following parts have been defined as alternates for 206071-1:            Line 3.1 G0851 1 PER            Partial quantity replacements are allowed</p>												
3.1	G0851 CONTACT (206071-1) ORIGINAL QUANTITY...	EA	51.16	RSVD	972.00	115021	SKCF2 FN-2	115021	972.00	09-27-04		
<p>This line is an alternate part for line 3. G0851 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	SO	19.00		SKCF2 REQUIREMENT SHOWS ON LAT-DS-02831-01 APPLY HERE.		3.00			



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 #:	RHODA MARNOU 1970	TEST DATE
CONTACT PN:	206071-1	2-16-05
WIRE PN:	M22759/111-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A830)	RHODA MARNOU
DIE/LOCATOR PN (GTC Tool #):	M22520/2-06 (GTC-A834)	WORK ORDER NO.
SELECTOR VALUE:	3	112046
TEST EQUIP # (Last CAL date):	ALPHA 2002 MP 2007 (6-17-07)	
PULL RATE:	1" $\pm$ .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 #:	/			TEST DATE
CONTACT PN:				2/16/05
WIRE PN:				TESTED BY
CRIMP TOOL PN (GTC Tool #):	(GTC-	)		RHODA MARRON
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
	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-DS-02831-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<b>PRE-PROD</b>	POST-PROD						
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1 <sup>st</sup> 1941	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">TEST DATE</td></tr> <tr><td style="text-align: center;">3.17.05</td></tr> <tr><td style="text-align: center;">TESTED BY</td></tr> <tr><td style="text-align: center;">Herbie Gray</td></tr> <tr><td style="text-align: center;">WORK ORDER NO.</td></tr> <tr><td style="text-align: center;">112044</td></tr> </table>	TEST DATE	3.17.05	TESTED BY	Herbie Gray	WORK ORDER NO.	112044
TEST DATE								
3.17.05								
TESTED BY								
Herbie Gray								
WORK ORDER NO.								
112044								
CONTACT PN:	206071-1							
WIRE PN:	M72759 / 11-74-9							
CRIMP TOOL PN (GTC Tool #):	M72520 12-01 (GTC A-1012)							
DIE/LOCATOR PN (GTC Tool #):	M72520 12-06 (GTC A-190)							
SELECTOR VALUE:	3							
TEST EQUIP # (Last CAL date):	Alphatron MPT-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>	<b>PASS</b>	<b>PASS</b>
	FAIL	FAIL	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):			

1:10 P.M.

CRIMP TENSILE STRENGTH CAT-DS-02831-01						
MIL-STD-1344; METHOD 2003.1						
TEST TYPE (circle one):	PRE - PROD			POST - PROD		
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1#1941			TEST DATE		
CONTACT PN:	206071-1			3.16.05		
WIRE PN:	M22759 / 11-24-9			TESTED BY		
CRIMP TOOL PN (GTC Tool #):	M22520 / 201 (GTC #1012)			Herbie Gray		
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-06 (GTC #692)			WORK ORDER NO.		
SELECTOR VALUE:	3			112044		
TEST EQUIP # (Last CAL date):	Alphatron 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:	13.4		13.3		13.4	
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):						

1:15 P.M.

CRIMP TENSILE STRENGTH CAT-DS-02831-01			
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 #:	Melora M 1#1262		TEST DATE
CONTACT PN:	20671-1		3.16.05
WIRE PN:	M27759 / 11-24-9		TESTED BY
CRIMP TOOL PN (GTC Tool #):	M72520 / 2-01 (GTC 4-1011)		Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M72520 / 2-06 (GTC A833)		WORK ORDER NO.
SELECTOR VALUE:	3		117014
TEST EQUIP # (Last CAL. date):	Alderson MPT-200A (6/17/05)		
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	13.4	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):			

10:36 a.m.

for build of (e)

### CRIMP TENSILE STRENGTH *LT-15-0283-01*

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	<b>POST</b> PROD
CRIMP OPERATOR NAME/EMP #:	<i>Herbie Gray 1# 1941</i>	TEST DATE
CONTACT PN:	<i>20671-1</i>	<i>3-18-05</i>
WIRE PN:	<i>M22759 / 11-24-9</i>	TESTED BY
CRIMP TOOL PN (GTC Tool #):	<i>M22520 / 2-01 (GTC #100)</i>	<i>Herbie Gray</i>
DIE/LOCATOR PN (GTC Tool #):	<i>M22520 / 2-06 (GTC #692)</i>	WORK ORDER NO.
SELECTOR VALUE:	<i>3</i>	<i>112044</i>
TEST EQUIP # (Last CAL date):	<i>Alabon MPF200A (6-17-04)</i>	
PULL RATE:	<i>1" +/- .25" per min.</i>	OTHER PULL RATE:

### OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	<i>10</i>	<i>10</i>	<i>10</i>
MEASURED TENSILE STRENGTH:	<i>13.6</i>	<i>13.6</i>	<i>13.4</i>
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)	<i>✓</i>		
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)		<i>✓</i>	<i>✓</i>
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			

SPECIAL INSTRUCTIONS (as reqd):

11:00 a.m.

Build of 12

**CRIMP TENSILE STRENGTH** CAT-DS-02381-01

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# 1241	TEST DATE
CONTACT PN:	206071-1	2-22-05
WIRE PN:	M22759/11-249	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC # 102)	Harvie Gray
DIE/LOCATOR PN (GTC Tool #):	M22570/2-06 (GTC # 553)	WORK ORDER NO.
SELECTOR VALUE:	3	112044
TEST EQUIP # (Last CAL date):	Alpaca 101 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:	13.4	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 7-06 (GTC# 833)	
SELECTOR VALUE:	3	
TEST EQUIP # (Last CAL date):	Aldestri 2001 (6/7/01)	
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 *Asy-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 #:	<i>Martha Villa 1742</i>	TEST DATE <i>4-20-05</i> TESTED BY <i>Martha Villa</i> WORK ORDER NO. <i>112044</i>
CONTACT PN:	<i>2000071-1</i>	
WIRE PN:	<i>M22759/11-24.9</i>	
CRIMP TOOL PN (GTC Tool #):	<i>M22520/2-01 (GTC#833)</i>	
DIE/LOCATOR PN (GTC Tool #):	<i>M22520-2-00 (GTC#833)</i>	
SELECTOR VALUE:	<i>3</i>	
TEST EQUIP # (Last CAL date):	<i>7-6-05</i>	
PULL RATE:	<i>1" +/- .25" per min.</i>	OTHER PULL RATE:

## OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	<i>10.0</i>	<i>10.0</i>	<i>10.0</i>
MEASURED TENSILE STRENGTH:	<i>12.6</i>	<i>12.5</i>	<i>12.6</i>
PASS/FAIL (circle test result)	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>
	FAIL	FAIL	FAIL
	Type of Separation Observed		
SLIP (pull out) (a)	<i>✓</i>	<i>✓</i>	<i>✓</i>
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-LAF-13-02831-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	<b>POST - PROD</b>
CRIMP OPERATOR NAME/EMP #:	Martha Villa / 1742	TEST DATE
CONTACT PN:	206071-1	4-20-05
WIRE PN:	m 22759 / 11-249	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)	<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):

WORK CELL: 4-MIXED

CUSTOMER: SLAC

1 PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

ASSY/FN: LAT-DS-02830-01  
ASSY: CABLE, TPS 1/P PWR

WOM 112043  
REQ DATE 02-09-05  
REL DATE 02-03-05  
SOP  
PO# 0002046800

CUST P#  
QTY 19  
PROJECT# P17100  
CUST# 15356

SERIAL NUMBER LISTING:-----  
N/A

APPROVAL  
PROD: Kate 2/3/05  
QA: MAN 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 DATE
A	15	N/A	6		mm 3/1/05
B	4	N/A	6	To mtr.	mm 3/1/05

(wchr rev 05.19.04 g1h)

LINE DEPT MACH# OPS DESCRIPTION..... HOURS  
SET-UP RIN... LINE MACH ST-LAT



200 00 CONFIG RECORD/KITTING 0 0030 0.0000 0.0000  
CONFIG

\*\*\*\*\* CONFIGURATION DOCUMENTS \*\*\*\*\*  
 DOCUMENT NUMBER REV FD/PL OUTSTANDING EO'S  
 ASSY & PL: LAT-DS-02830 53 NONE  
 (REFERENCE ASSY/PL LAT-DS-02389 FOR RIV APPLICATION QTY)  
 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
2-9-05			

WORK CELL: 4-MIXED

CUSTOMER: SIAI

PRODUCTION

WORK ORDER TRAVELLER NEW

PAGE 2

ASSY/PN# LAT-DS-02830-01  
ASSY, CABLE, TPS I/P PWR

WO# 112041  
REQ DATE 02-09-05  
REL DATE 02-03-05  
SQ#  
PC# 0000018800

CUST PN  
QTY 12  
PROJECT# P17300  
CUST# 15356

\*\*\*\*\*  
LI# DEPT MACH# OP# DESCRIPTION..... H O U R S  
SET-UP RIN... LINE-MACH ST-101



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

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

DATE 2/10/05  
QTY 19

REMARKS.....

STATUS

*[Handwritten signature]*

WORK CELL: 4-MIXED

CUSTOMER: SIAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/PN# LAC-DS-02830-01  
ASSY. CABLE. TFS I/P FWR

WO# 112043  
REQ DATE 02-09-05  
REL DATE 02-03-05  
SOS  
PO# 000048800

CUST P#  
QTY 10  
PROJECT# 217300  
CUST# 16356

PAGE 4

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  
OFF: SLDR-20 ASSY-60

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

DRR#(S)

DATE	QTY	REMARKS	STATUS
2/22/05	40/30		STG
3/2/05	10	Restripped ok	STV



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	FIN#
PAIR #1	WHT	1
	RED	
PAIR #2	WHT	
	RED	
PAIR #3	WHT	
	RED	
PAIR #4	WHT	
	RED	
PAIR #5	WHT	
	RED	
PAIR #6	WHT	
	RED	
PAIR #7	WHT	
	RED	
PAIR #8	WHT	
	RED	
PAIR #9	WHT	
	RED	
PAIR #10	WHT	
	RED	

- \* 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
3.8.05	1	complete	16.2/941

WORK CELL: 4-MIXED

DESCRIPTION: PLAIN

PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/FIN# LAT-DS-02830-01  
ASSY, CABLE, TFS 1/P PAR

WOB# 112043  
REQ DATE 02-02-05  
REL DATE 02-03-05  
PO# 0000048800

CUST #  
QTY 19  
PROJECT# P19300  
CUST# 15356

PAGE 3

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 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 FULL TESTS.  
USE 3 PCS EACH FOR PRE-CRIMP AND POST-CRIMP TESTS.

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

... USE ~~SCHEIDTGER~~ EMERSON WIRE STRIPPER SET UP WITH  
24 AWG STRIP BLADES, A STRIP LENGTH OF 1/8" (1.25"),  
AND LEAVES THE INSULATION SLUG IN PLACE.

*7/10 (100)*

*ELBANKS SAME MODEL #1900*

*1/16*

\* 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: 2/17/05 STATUS Pass

\* ASSEMBLY ACTIVITY...

- 1) FEED WIRE DIRECTLY OFF THE SPOOL TO THE STRIPPER.
- 2) STRIP THE INSULATION LEAVING THE SLUG, 1/8" (1.25").
- 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) FULL INSULATION SLUG AND CRIMP CONTACT (22D) CNTD LEAD.  
USE M22520/2-01 CRIMPER W/ M22520-2-09 TURRET/LOCATOR.

*7/10 (100)*



*1/16 3.8.05 #1941*

*L.H. 3/8/05  
205 (Q.A.)*

\* 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: 2/18/05 DATE: Rm1970 STATUS Pass

DATE	QTY	REMARKS	STATUS
<u>2/18/05</u>	<u>4</u>	<u>4 sets of 10 - 40</u>	<u>Rm1970</u>
<u>3/8/05</u>	<u>1</u>	<u>1 set of 10 - 10 (Rework)</u>	<u>(VJ)1920</u>

WORK CELL: 4 MIXED

CUSTOMER: SIAM

7 PRODUCTION

WORK ORDER TRAVELLER - NTW

ASSY/PN# LAT-DS-02830-01  
ASSY. CABLE, TFS 1/P FWR

WCS 112043  
REQ DATE 02-09-05  
REL DATE 02-09-05  
SOP  
TNS 0000048800

CUST P#  
QTY 10  
PROJECT# P17300  
(SST#) 15446

PAGE 5

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



6 200 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000  
OFF: ELDR-0 ASSY-26

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

DR#(S)

DATE 3/8/05 QTY 1 REMARKS.....

STATUS KH.285

DATE 3/9/05 QTY 3 REMARKS.....



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

- \* APPLY RTV, DC6-1104, 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 OCA.
- \* 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# 31201 EXP. DATE 6/12/05

- \* CURE APPLIED RTV IN OVEN FOR 2 HOURS AT 120 DEG F (60 C).
- \* RECORD CURE DATE, START/STOP TIME BELOW:

DATE 3-8-05 START 1800 hrs STOP 2000 hrs

DATE 3-8-05 QTY 4 REMARKS.....

STATUS JAB 52018

CLEAR Defect Report #2954  
GC2 & Wires  
JAB 2-25-05

WORK CELL: A MIXED

(CUSTOMER: SIAM)

T. PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 6

ASSY/PN: LAT-DS-02030-01  
ASSY, CABLE, TFS I/P PWR

WO# 112043  
REQ DATE 02-09-05  
REL DATE 02-03-05  
SO#  
PO# 0000049900

CUST P#  
QTY 19  
PROJECT# P17300  
CUST# 15386

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



A 290 00 QUALITY ASSURANCE AREA 0.0000 3.0000 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-02389.

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

3/9/05 4

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STATUS





WORK ORDER : 112043

( NEW )

WORK ORDER PICK LIST

PAGE: 1

A' LY # : LAT-DS-02830-01  
W NTITY : 19  
W LOCATION: W02

BY LINK ITEM

EFFECTIVITY DATE: 02-09-05  
RELEASE DATE : 02-03-05  
DATE PRINTED : 02-09-05

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

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

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RESV IN LOT #	INVLOC NUMBER	INVENTORY DETAIL		
			REQUIRED QUANTITY	CURR STATUS			LOT QUANTITY	LOT DATE	SIN
1	202500 CONN (311P407-2P-B-15) ORIGINAL QUANTITY...	EA	1.00	RS	19.00	SKCF2 FN-1	0.00		
<p>The following parts have been defined as alternates for 202500-1:            Line 1.1 311P407-2P-B-15 1 PER            Partial quantity replacements are allowed.</p> <p><i>S/B LAT-D? 02830</i>  <i>107# 114944</i></p>									

2	M22759/11-24-2/9 WIRE, 24AWG RED/WHIT ORIGINAL QUANTITY...	TN	300.00	RSVD	5700.00 115300	SKCF2 FN-2	11997.00	10-01-04	
<p><i>5700 in</i></p>									
3	204370-8 PIN CRIMP ORIGINAL QUANTITY...	EA	20.00	RSVD	380.00 114796	SKCF2 FN-1	401.00	09-23-04	IN ASSY
<p><i>380</i></p>									
							115041	09-27-04	F17200
<p>The following parts have been defined as alternates for 204370-8:            Line 3.1 G08P1 1 PER            Partial quantity replacements are allowed.</p>									

4	DC6-1104 ADHESIVE ORIGINAL QUANTITY...	OZ	1.00	RS	19.00	SKCF2 REQUIREMENT SHOWS ON LAT-DS-02830-01 APPLY HERE. PULLED:	0.00		
---	----------------------------------------------	----	------	----	-------	-------------------------------------------------------------------------	------	--	--

3:30 PM.

CRIMP TENSILE STRENGTH *Lot-05-02830-04*

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<input checked="" type="radio"/> PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	<i>Herbie Gray 1#1941</i>	TEST DATE
CONTACT PN:	<i>204370-8</i>	<i>3-8-05</i>
WIRE PN:	<i>M22759 / 11-24-2/9</i>	TESTED BY
CRIMP TOOL PN (GTC Tool #):	<i>M22520 / 7-01 (GTC#102)</i>	<i>Herbie Gray</i>
DIE/LOCATOR PN (GTC Tool #):	<i>M22520 / 7-09 (GTC#531)</i>	WORK ORDER NO.
SELECTOR VALUE:	<i>3</i>	<i>112043</i>
TEST EQUIP # (Last CAL date):	<i>Holston MP1-200A (6-27-04)</i>	
PULL RATE:	<i>1" +/- .25" per min.</i>	OTHER PULL RATE:

## OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	<i>10</i>	<i>10</i>	<i>10</i>
MEASURED TENSILE STRENGTH:	<i>12.1</i>	<i>11.7</i>	<i>12.4</i>
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}	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<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):			

740 a-16

## CRIMP TENSILE STRENGTH 64-05-02830-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	<b>POST</b> - PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1# 1241	TEST DATE
CONTACT PN:	204370-8	3.9.05
WIRE PN:	M72759 / 11-24-2/9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M72520 / 2-01 (GTC# 102)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M72520 / 2-09 (GTC# 831)	WORK ORDER NO.
SELECTOR VALUE:	3	112043
TEST EQUIP # (Last CAL date):	Alpert MPT-2006 (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:	12.5	17.9	17.7
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:** 6  
**CUSTOMER:** SLAC

**OFF SOLDER:** 20  
**OFF ASSEMBLY:** 80  
**DATE:** 2/22/2005  
**WEEK CODE:** 10

**INSPECTION TYPE:** CRIMPING  
**INSPECTION LEVEL:** 1  
**INSPECTOR:** VANDEVER

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
NA	2	1970	A316	4-MIXED	CUTS OR NICKS	WIRES	Twisted wires. Red/white
NA	6	1970	A355	4-MIXED	IMPROPER CABLE LENGTH	WIRES	Twisted wires. Red/white

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

ASSY/PN# LAT-DS-01481  
ASSY, GLASS, DAG, TEM

WOB# 112123  
R&C DATE 04-27-05  
REL DATE 04-27-05  
JOB# 717200  
JOB# 1100048799

COST #  
PROJECT# 717200  
COST# 15935

*JAP*  
*5-26-05*

----- SERIAL NUMBER ----- APPROVAL -----  
~~CT122 GLAT1811~~ PRO: *RLH* 4/27/05  
CT122 GLAT1811 *ca/edm* 4-27-05

----- WORKMANSHIP -----  
IPC/EIA-3-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.  
----- 5th 09 28 04 -----

LINE DEPT MACH# OP# DESCRIPTION..... H O U S E  
..... 800109 FOR LINE-MACH 80-100



1 200 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000

\*\*\*\*\* CONFIGURATION DOCUMENTS \*\*\*\*\*  
DOCUMENT NUMBER REV ED/PL OUTSTANDING RC'S  
130 0 01 64 NONE  
130 0 01 03 NONE  
- (RELEASED PER EC 2424)  
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* \_\_\_\_\_ *RLH*



2 201 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000  
KITTING

\* PROCESS MATERIAL PER QAR STEP 2  
DATE... QTY... REMARKS..... STATUS  
*4/27/05* \_\_\_\_\_ *DATE*



WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

1 PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/PN# LAT-05-11491  
ASSY, BLAST, DAC, 1M

WO# 113123  
REL. DATE 04-29-05  
REL. DATE 04-04-05  
SO# PA1200  
PO# 000048799

CRST. #  
PROJECT# 717200  
CUST# 15356

PAGE 2

LINE DEPT MACH# OP# DESCRIPTION..... HOURS  
SET-UP RIN... 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:

ETC DC# 32131 EXP. DATE 10/01/05  
LOT #1: (PT A) 32775 PT B) 32775  
MIX RECORD (PART A WGT) 1.5g (PART B WGT) 1g

DATE... QTY... REMARKS  
05/26/05 1  STATUS ETC 1228 ByP



4 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
LOC CCA ON TO WORK ORDER  
CHASE SCREW THREADS  
INSTALL CCA TO BOX

\* PROCESS ASSY PER CAA STEP 4

INSTALLED CCA SERIAL NUMBER: GT 122

DATE... QTY... REMARKS  
05/26/05 1  STATUS ByP



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 TOOL# USED, AND CAL DUE DATE, BELOW

TORQUE TOOL = GTC-E 951 1/2  
GTC-E-914 CAL DUE DATE 08/05

DATE... QTY... REMARKS  
05/26/05 1  STATUS ByP

526051 WITNESS TORQUE LAT-10  
CA

GLAT 1811

\* PROMOTION

WORK ORDER TRAVELLER \* NEW

ASSY: GLAST, 720, 750

WCR 113123  
REV: 04-29-05  
REV: 04-29-05  
REV: 04-29-05  
REV: 04-29-05

CUST PR  
PROJ QTY  
CUSTS  
CUSTS

114 DEPT MACH OPS DESCRIPTION..... HOURS  
SETUP 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:

ADMSY 0151: GTC PCB 31403 EXPIRATION DATE 01/31/07  
CURE DATE/TIME: START- 12:00 (NOON) STOP- 2:00 PM

DATE	QTY	REMARKS	STATUS
05/27/05	1		GTC (1298) ByP



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 20-101R: GTC PCB 31201 EXPIRATION DATE 04/27/07  
LOT # (PT A) 2004090800 33  
LOT # (PT B) 200407020071  
MIX RECORD (PT A WGT) 10 gm (PT B WGT) 0.1 gm  
MARKING DATE/TIME: 05/31/05 1:00pm

CURE OCCURS AT STAKING STEP 13.

DATE	QTY	REMARKS	STATUS
05/31/05			ByP



8 210 00 QUALITY ASSURANCE AREA  
CPE, SLDK-0 ASSY-117 0.0000 0.0000 0.0000

\* PROCESS ASSY PER CAA STEP 8.

\* RECORD DEFECT REPORT NO. IF APPLICABLE:

DATE	QTY	REMARKS	STATUS
6/1/05	1		

PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/PNT LAT-DS-01462  
N.SBY, GLAST, DAQ, TEM

W# 118173  
REV 01  
REV DATE 04-20-05  
REV DATE 04-04-05  
P# 217210  
P# 0100248799

CUST #  
QTY 1  
PROJECT# 217270  
CUST# 15556

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



9 280 00 SOURCE INSPECTION EXAMINE BOX ASSY 0.0000 0.0000 0.0000

- PROCESS ASSY PER CAA STEP 9.
- EXAMINE BOX ASSEMBLY PRIOR TO CLOSE.

DATE	QTY	REMARKS	STATUS
6/1/05	1	GLAT 1811	



10 210 00 CCA/BLACK BOX ASSY AREA INSTALL LID 0.0000 0.0000 0.0000

- PROCESS ASSY PER CAA STEP 10

DATE	QTY	REMARKS	STATUS
06/01/05	1		Sup(1288)



11 210 00 CCA/BLACK BOX ASSY AREA TORQUE FASTENERS 0.0000 0.0000 0.0000

- PROCESS ASSY PER CAA STEP 11.
- ALERT SLAC QAR TO WITNESS TORQUE PROCESS.--
- RECORD ASSIGNED TOOLS 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
06/01/05	1		Sup(1288)
6-1-05	1	GLAT 1811 WITNESS	



12 290 00 QUALITY ASSURANCE AREA QFA SCCR-0 ASSY-94 0.0000 0.0000 0.0000

- PROCESS ASSY PER UAA STEP 12.
- RECORD DEFECT REPORT NO. IF APPLICABLE: \_\_\_\_\_

DATE	QTY	REMARKS	STATUS
6/1/05	1		



WORK CELL: 1-200 RUNNER

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 5

REV. P/N: LAT-DS-01461  
ASSY. GLAST. BAQ. TEM

NO: 113103  
REV: 01  
DATE: 01-29-05  
PCB: 113103-01  
PCB: 1100048739

CUST P#  
PROJECT# 717210  
QTY  
MINS# 18154

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



13 210 00 COA/BLACK BOX ASSY AREA  
STAKE BOLT HEADS 0.0000 0.0000 0.0000

\* PROCESS ASSY PER CAA STEP 13.

\* RECORD MATERIAL DATA BELOW:

ADSV 0181: GTC P# 31403 EXPIRATION DATE 01/31/07

DATE/TIME: START 06/01/05 11:25 AM STOP 06/01/05 1:25 PM

DATE QTY REMARKS STATUS  
06/01/05 1 Ryp (1088)



14 250 00 QUALITY ASSURANCE AREA  
IPE- SDR-C ASSY-17 0.0000 0.0000 0.0000

\* PROCESS ASSY PER CAA STEP 14.

RECORD DEFECT REPORT NO. IF APPLICABLE:

DATE QTY REMARKS STATUS  
6/1/05 1



15 260 00 SOURCE INSPECTION  
CUSTOMER SOURCE INSP 0.0000 0.0000 0.0000

\* PROCESS ASSY PER CAA STEP 15

RECORD DEFECT REPORT NO. IF APPLICABLE:

DATE QTY REMARKS  
6/1/05 1 GCAT 1811



\*\*\*\*\* TRAVELER REVISION HISTORY RECORD \*\*\*\*\*  
CREATED BY: HEPHIN FOR ASSY REV: 04 DATE: 03/31/05  
REV BY DATE CHANGE DETAIL  
04 OLM 03/31/05 RELEASED AT REV 04, AND CAA AT REV 04

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

WORK ORDER - 113103

NEW

WORK ORDER PICK LIST

PAGE 1

WOTY # LAT-03-0.464  
JANITY: 1  
LOCATION: M02

BY LINE ITEM

EFFECTIVITY DATE: 04-26-08  
RELEASED: 04-24-08  
DATE PRINTED: 04-24-08

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	QTY	DATE	STNLOC	QTY	
1	LAT-03-01854 TSM BOX PASS ORIGINAL QUANTITY...	EA	1.00		1.00		SK3 FN-1 PULLED		0.00				
				RD	1.00		SKCF2 100288 PULLED		15.00	03-16-04	SLAC		
2	LAT-03-01855 TSM BOX PASS ORIGINAL QUANTITY...	EA	1.00		1.00		SK3 FN-1 PULLED		0.00				
				RD	1.00		SKCF2 100297 PULLED		15.00	02-16-04	SLAC		
3	LAT-03-01840 CCA, 0.464, 25K ORIGINAL QUANTITY...	EA	1.00		1.00		SK3 FN-1 PULLED		0.00				
				RD	1.00		SKCF2 PULLED		0.00				
4	NAS1352N3-B4 NAIL-ARE ORIGINAL QUANTITY...	EA	26.00		26.00	114831	SK3 FN-4 PULLED		0.00				
				RD	26.00	114831	SKCF2 1.4831 PULLED		57.00	03-27-04			
	NAS1352N3-6 SCREW ORIGINAL QUANTITY...	EA	29.00		29.00	115012	SK3 FN-5 PULLED		0.00				
				RD	29.00	115012	SKCF2 115012 PULLED		712.00	09-07-04	IN ASSY		
							114832 PULLED		45.00	03-23-04	LOT 115		
							114831 PULLED		100.00	01-13-05			
5	NAS1352N3-8 NAIL-ARE ORIGINAL QUANTITY...	EA	1.00		1.00	114832	SK3 FN-8 PULLED		0.00				
				RD	1.00	114832	SKCF2 114832 PULLED		01.00	03-24-04			
6	LAT-03-01856 TSM BOX PASS ORIGINAL QUANTITY...	EA	1.00		1.00		SK3 FN-1 PULLED		0.00				
				RD	1.00		SKCF2 PULLED		0.00				

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RESV IN LOT #	INVL0C NUMBER	LOT NUMBER	INVENTORY DETAIL		
			REQUIRED QUANTITY	CURS STATUS				LOC QUANTITY	LOC DATE	SIN
8	0181 ADHESIVE: NYSCOL 402 NIP ORIGINAL QUANTITY...	02	1.00			SK2 FN-8		1.00		
				SO	1.00	SK0P2	PULLED:			
							PULLED:			
9	MAC-L-INK INK ORIGINAL QUANTITY...	02	1.00			SK2 FN-9		1.00		
				SO	1.00	SK0P2	PULLED:			
							PULLED:			
10	LAT-DR 2515 LABEL IN ORIGINAL QUANTITY...	EA	1.00			SK2 FN-10		1.00		
				SO	1.00	SK0P2	PULLED:			
							PULLED:			

WORK FROM 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

WORK CENTER: 12-03-04  
L.A. GLASS, TEM

NO: 112022  
REV: 1  
DATE: 12-03-04  
DATE: 12-21-04  
P01 000048799

CUST P4 QTY 1  
PROJECT# 111200  
CUST# 10366

SERIAL NUMBER ----- APPROVAL ---  
GT122  
GLAT 1773  
FROM: 2/12/05  
DATE: 2/7/05

WORKMANSHIP -----  
IPD: 82A-3-STD-0010 CLASS 3: WITH "CS" SPACE SUPPLEMENT  
SLAC CAR MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE  
IF ANY STEP OF THE TRAVELER/WORK ORDER. SLAC CAR MAY  
INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP.  
-DIN 02.02.05-----

LINE DEV: MACH: OP: DESCRIPTION..... SET UP MIN. HOURS LINE-MACH ST-LOC



1 100 10 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000  
CONFIG

\*\*\*\*\* CONFIGURATION DOCUMENTS \*\*\*\*\*  
DOCUMENT NUMBER REV #/PL OUTSTANDING EQ'S  
ASSY DWG: 121-100-01-0000 02 NONE  
R.O.M. PL: 121-100-01-0000 02 NONE  
CUST BOM: 121-100-01-0000 02 NONE  
ASSY AID: 121-100-01-0000 02 NONE  
CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)  
BUILD DOCUMENTS  
USE WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS.  
\*(REV'D)/PREP'D BY: CH (DATE: DATE: 01.04.05)

DATE	QTY	REMARKS	STATUS
2/7/05			done



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

\* 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
2/11/05	1		done



WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

CAE/ENR 10745 01646  
CLA/BLAST, TEN

MO# 110000  
REQ DATE 12-03-00  
REQ DATE 12-21-04  
PO# 0000048799

CUST #  
CITY  
PROJECT# P17000  
CUST# 15154

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



3 210 00 CCA/BLACK BOX BOARD MARKING 1.3300 1.3300 1.3300

\* PROCESS PER CAA STEP 3.

DATE... QTY... REMARKS... STATUS  
2-7-05 1  OK 1048



4 213 00 SMT ASSY LINE PRE-SMT OVEN BAKE 0.0000 0.0000 0.0000

\* 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 SOLDER PASTE STENCIL ONLY TOP SIDE QTS PARTS 5.6300 5.6300 5.6300

\* PROCESS PER CAA STEP 5.

\* RECORD SOLDER PASTE DATA BELOW:  
QTY FOR 31728 EXPIRATION DATE 7-14-05

DATE... QTY... REMARKS... STATUS  
2/10/05 1 Screened down (Lithium Pils) OK 1866

- 1.58 - .0066
- 0.52 - .0066
- 0.53 - .0065
- 0.374 - .0066
- 0.701 - .0064
- 0.391 - .0066
- 0.55 - .0065
- 0.56 - .0065

Meas. units taken by  
Jillie 1/20/05  
2/10/05

$\Sigma A = .0525$   
Avg = .0065  
Range = .0065

WORK CELL 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER : NEW

PAGE 1

PN# LAT-05-01648  
CAA, CLASST, TAN

WOB 110100  
RSD DATE 08-08-06  
REL DATE 07-21-04  
PC# 0000048799

CUST #  
QTY 1  
PROJECT# P10100  
CURS 15356

LINE DEPT MACH# CPH DESCRIPTION..... HOURS  
SECTOP RUN... LINE-MACH ST-LOT



6 213 10 SMT ASSY LINE 10.0000 10.0000 10.0000  
PICK-N-PLACE PARTS

\* PROCESS PER CAA STEP 6.

\* RECORD SERIAL NUMBERS OF LISTED ASIC DEVICES:

PN-19 US 1788 U4 1787 US 1787 US 1761  
PN-23 US4 1636 US5 1619 US6 1620 US7 1599  
US8 1597 US9 1617 US0 1602 US1 1839

DATE... QTY... REMARKS..... STATUS  
2-10-05 1 TO-11 PF



7 212 10 SMT ASSY LINE 0.5000 0.5000 0.5000  
SOLDER REFLOW

\* PROCESS PER CAA STEP 7.

\*\* DO NOT LET BOARD SIT OVERNIGHT WITHOUT CLEANING \*\*

DATE... QTY... REMARKS..... STATUS  
2-10-05 1 TO-11 PF



8 213 10 SMT ASSY LINE 0.1000 0.1000 0.1000  
ACCESSORY CLEAN

\* PROCESS PER CAA STEP 6.

\*\* RECORD WASH EVENT ON LOG (PER EA-24)

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

WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 4

WORK CENTER: CAT-DS-01816  
CCA, GLASS, TEM

WORK ORDER NO: 112022  
REQ DATE: 02-09-05  
MFG DATE: 12-21-04  
WORK CENTER: 0000048799

CUSTOMER: SLAC  
CITY: 1  
PROJECT: P17201  
CUST: 18166

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



9 200 00 QUALITY ASSURANCE AREA  
PPE: SLMR-1163 ASSY-5703 0.4400 0.4400 0.4400

\* PROCESS PER CAA STEP 9:

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

DEF#(S) ID # 29685

DATE QTY REMARKS  
2/26/05 1 Post Reflow



10 210 00 CCA/BLACK BOX ASSY AREA  
PPE-WAVE BAKGOUT 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 10:

BAVE DATE: 3/21/05 START: 7:58 STOP: 9:58

DATE QTY REMARKS STATUS  
3/21/05 1  1337



11 210 00 CCA/BLACK BOX ASSY AREA  
WAVE-ROLE INSTALL 2.4000 2.4000 2.4000

\* PROCESS PER CAA STEP 11:

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

TOOLS = SR-A-976 CAL DUE DATE 8-8-05

DATE QTY REMARKS STATUS  
3/21/05 1  1337



12 215 00 WAVE SOLDER  
WAVE SOLDER 0.8000 0.8000 0.8000

\* PROCESS PER CAA STEP 12:

DATE QTY REMARKS STATUS  
3-22-05 1  5

WORK CELL: 1-MIXED

CUSTOMER: SLAT

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 4

WEN# 10144  
CAA: CAAST, TEM

WC# 112028  
REQ DATE 01-03-05  
REL DATE 12-21-04  
SO#  
PO# 0000018799

CURT Pa  
QTY  
PROG#  
COST#

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



13 215 00 WAVESOLDER  
ACQUOUS CLEAN 0.2000 0.2000 0.2010

PROCESS PER CAA STEP 13.

DATE	QTY	REMARKS	STATUS
3/22/05	1		mc



14 290 00 QUALITY ASSURANCE AREA  
OFF: SLMR-600 ASSY-55 0.0000 0.0000 0.0000

PROCESS PER CAA STEP 14.

RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

DEF#(S): 30176

DATE	QTY	REMARKS	STATUS
3/22/05	1		mc



15 210 01 CAA/BLACK BOX ASSY AREA  
TOUCHUP 0.0000 0.0000 0.0100

PROCESS PER CAA STEP 15.

DATE	QTY	REMARKS	STATUS
3/22/05	1		mc 1337



16 217 01 CAA/BLACK BOX ASSY AREA  
ALCOHOL/ST CLEAN 0.0000 0.0000 0.0000

PROCESS PER CAA STEP 16.

DATE	QTY	REMARKS	STATUS
3/22/05	1		mc 1357



WORK CELL: 4-MIXED

CUSTOMER: SLAC

TRF: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 6

WIP# 1AT-DR-0166  
CAA: SLAC, TEM

W# 112022  
REQ DATE 02-09-05  
REL DATE 11-21-04  
C# 004  
P# 0000045799

JUST PA  
QTY  
PROJECT# 012022  
CUST# 10300

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



17 330 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000  
OP# SLD-300 ASSY-0

\* PROCESS PER CAA STEP 17  
\*\* RECORD DEFECT RECORD REPORT NUMBER(S) BELOW  
DEF#(S)

DATE	QTY	REMARKS	STATUS
2/22/05	1		



18 210 01 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
POST WAVE ASSY-FPGAs

\* PROCESS PER CAA STEP 16.  
ADHESIVE P# 31450 EXP. DATE: 5/17/05  
FPGA SERIAL #'S: U# 40422 U# 50311

DATE	QTY	REMARKS	STATUS
3/24/05	1		PM



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

\* PROCESS PER CAA STEP 19.  
DATE ... QTY... REMARKS..... STATUS  
3/23/05 1 ..... me 1337



20 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000  
POST WAVE ASSY-001, 04, 05

\* PROCESS PER CAA STEP 17.  
DATE... QTY... REMARKS..... STATUS  
3/23/05 1 ..... me 1337

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 7

PN: LAT-DS-01646  
CAA, CAAST: JEM

W# 112212  
REV DATE 03-29-05  
REV DATE 12-21-04  
V#  
VOP 0000049799

JUST #  
QTY 1  
PROJECT# P17200  
CUST# 18358

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



21 210 00 CCA/BLACK BOX ASSY AREA  
POST WAVE ASSY-R1, R2 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 21.

DATE	QTY	REMARKS	STATUS
3/24/05	1		1337



22 210 00 CCA/BLACK BOX ASSY AREA  
ALCOHOL/DI CLEAN 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 22.

DATE	QTY	REMARKS	STATUS
3/24/05	1		1337



23 200 00 QUALITY ASSURANCE AREA  
OPF. SLDR-217 ASSY-229 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 23.

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

DRR#(S)

DATE	QTY	REMARKS	STATUS
3/24/05	1		



24 245 00 SPEA INT  
SPEA TEST 0.0100 0.0100 0.0100

\* PROCESS PER CAA STEP 24

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

DRR#(S)

DATE	QTY	REMARKS	STATUS
3.24.05	1	SN: GT122	the PASSED

WORK CELL - 1-MIXED

CUSTOMER - STAR

1. PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 9

CR: / IN: DAT-02-02446  
CIR: 3-25-05, TEM

W NO 114000  
W BLD 114000  
W DEL DATE 02-03-05  
W DEL TIME 19:21:04  
W OR 0000046799

CUST #  
CUST # 117000  
CUST # 18386

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



LI#	DEPT	MACH#	OP#	DESCRIPTION	13.8300	14.8300	15.8300
25	210	00		COA/BLACK BOX ASSY AREA INSIDE COMPART. SLDR SLDR-CONN J1-ROW 1>CHECK			
				SLDR-CONN J1-ROW 1>CHECK			
				SLDR-CONN J1-ROW 1>CHECK			
				SLDR-CONN J1-ROW 4>CHECK			

Handwritten notes: 3/21/05, 3/25/05, 3-25-05, 3-25/05, 2/24/05, 3-25-05, 3-25-05. Includes circular stamps with 'GTC' and '02'.

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

TOOL # GTC-E944 CAL DUE DATE 2/05 382 op.

DATE	QTY	REMARKS	STATUS
<u>3/25/05</u>	<u>1</u>		<u>mm1337</u>



LI#	DEPT	MACH#	OP#	DESCRIPTION	5.6800	5.6800	5.6800
26	220	00		QUALITY ASSURANCE AREA DEF: SLDR-306 ASSY 406			

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

DATE	QTY	REMARKS	STATUS
<u>3-25-05</u>	<u>1</u>		

Includes a circular stamp with 'GTC' and '02'.

WORK CELL: 4-MIXED

CUSTOMER: SLAC

DESCRIPTION

WORK ORDER TRAVELLER - NEW

PAGE 1

ASSY/PN: LAT-DS-11648  
COA. CLAS: TEM

WO# 112128  
RTO DATE 12-23-05  
REL. DATE 12-21-04  
SQ#  
PC# 000004789

TEST PA  
CITY  
PROJECTS  
CUST#

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



27 250 00 COATING/POTTING AREA  
POTTING/STAKING 0 6000 0 6000 016000

\* PROCESS PER CAA STEP 27

\*\* RECORD MATERIAL DATA BELOW:

RTV DOW-1014: WTC PO# 31495 EXPIRATION DATE 7-10-05

ADHESY 0181: WTC PO# 31403 EXPIRATION DATE 1-31-07

GLAS ACHESIVE MIX RECORD (RECORD PER BATCH)

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

RESIN WGT: 31g

HARDENER WGT: 1.0g

CURE DATE: 3-25-05 START: 1:30 STOP: 3:30

DATE	QTY	REMARKS	STATUS
<u>3-25-05</u>	<u>1</u>		<u>PR 19-16</u>



29 200 00 QUALITY ASSURANCE AREA  
QVA SCOR-0 ASSY-104 0 1000 0-1000 010000

\* PROCESS PER CAA STEP 28

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

DNR#(S) 30312

DATE	QTY	REMARKS	STATUS
<u>3/25/05</u>	<u>1</u>		<u>3/20/05</u>



29 200 00 SOURCE INSPECTION  
WIP - CLAS CAR INSPECTION  
BEFORE SHIPMENT TO SLAC. 0 1000 0-1000 010000

\* PROCESS PER CAA STEP 29

\*\* PLEASE RETURN COA TO QA FOR SHIPMENT

DATE	QTY	REMARKS	STATUS
<u>3-25-05</u>	<u>1</u>	<u>GLAS 1773</u>	<u>LET TO QA</u>

WORK CELL: 4-MIXED

CUSTOMER: SLAC

FACTORY

WORK ORDER TRAVELLER - NEW

ALU ITEM: LAT-DS-01648

NO: 112022  
MFG DATE: 02-03-05  
SOL DATE: 12-21-04  
PCN: 000004899

CUST #  
PROJECTS: 217200  
COSTS: 15399

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



10 299 00 PACKAGING/SHIPPING INSP  
PAK & SHIP COA 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 30

DATE	QTY	REMARKS	STATUS
3-28-05	1	50G TELADROP INDICATOR WAS STRIPPED ON 1 SIDE	LAB E 2018
3-28-05	1	PAK / SHIP	LAB E 2018



31 299 00 QUALITY ASSURANCE AREA  
COA RECEIVING INSPECTION 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 31

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

DEF#(S)

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

DATE	QTY	REMARKS	STATUS
5-2-05	1	50G TELADROP INDICATOR WAS STRIPPED ON 1 SIDE	LAB E 2018
5/5/05	1		



32 299 00 SOURCE INSPECTION  
SLAC LAB PRE-COA INSPECTION  
MANDATORY INSPECTION POINT 0.0000 0.0000 0.0000

\* PROCESS PER CAA STEP 32

DATE	QTY	REMARKS	STATUS
5-6-05	1	MCMC 2356	

LAT 10 QA 5/9/05

WORK CELL: 4-MIXED

CUSTOMER: SLAC

1005- PRODUCTION

WORK ORDER TRAVELLER - NEW

WCA: BLAST, DEM

WCA# 110022  
JOB# 02-03-05  
DATE 12-21-04  
WCA# 000018799

CUST#  
PROJECT#  
CUST#

PAGE 14

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



33 010 00 CCA/BLACK BOX ASSY AREA  
ALCOHOL/DI CLEAN AND TEST  
THE CLEANLINESS OF CCA. 0.2000 0.2000 0.2000

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

DATE	QTY.	REMARKS	STATUS
5/16/05	1		TAM-168
5/19/05	1	Clean Test	DM/1035



34 200 00 QUALITY ASSURANCE AREA  
CPE: SLDX-3 ASSY-11 0.0000 0.0000 0.0000

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

DRR#(S) \_\_\_\_\_

DATE	QTY.	REMARKS	STATUS
5/19/05			ES



35 250 00 COATING/POTTING AREA  
MASK & CONFORMAL COATING 0.6000 0.6000 0.6000

- PROCESS PER CAA STEP 35.
- \*\*\* WEAR PROTECTIVE GLOVES WHEN HANDLING CCA \*\*\*

RECORD BAKE DATE-TIME START/STOP BELOW:

BAKE DATE: 5/19/05 START: 3:55PM STOP: 4:55 PM

DATE	QTY.	REMARKS	STATUS
5/19/05	1	BAKE & MASK	DM/1035

WORK CELL: 4-MIXED

CUSTOMER: STAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 12

Asst/PN: SAT 05-01646  
CCA: CLAGT, TEM

W# 117001  
REQ DATE 02-03-05  
REL DATE 12-21-04  
SQ#  
PC# 0000048759

CUST #  
QTY 1  
PROJECT# 017200  
CUST# 15996

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



36 260 00 COATING/POTTING AREA 0.0000 0.0000 0.0000  
SPRAY CONFORMAL COAT

\* PROCESS PER CAA STEP 36

CONFORMAL COAT MATERIAL PC# 31201

EXP. DATE: 6/30/05

TWO (2) HOUR AIR CURE BEFORE OVEN BAKE

DATE: 5/19/05 START: 6:00PM STOP: 6:30AM (5/20/05)

DATE	QTY	REMARKS	STATUS
<u>5-19-05</u>	<u>1</u>	<u>Coat</u>	<u>1+N</u>



37 260 00 COATING/POTTING AREA 0.0000 0.0000 0.0000  
TOURKUP / OVEN BAKE

\* PROCESS PER CAA STEP 37

FIRST BAKE DATE: 5/20/05 START: 6:30AM STOP: 9:30AM

SECOND BAKE DATE: 5/20/05 START: 10:00AM STOP: 10:45AM

DATE	QTY	REMARKS	STATUS
<u>5/20/05</u>	<u>1</u>	<u>Urnnst</u>	<u>1+N</u>

WORK CELL: 4-MIXED

CUSTOMER: SLAC

1. PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 13

SNV/TN: LAT-08-01446  
CCA, CLAST, TEM

W# 110022  
REQ DATE 02-03-05  
REL DATE 12-21-04  
SQ#  
DC# 0000044799

CUST #  
QTY 1  
PROJECT# P17200  
CUST# 14186

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



15 290 00 QUALITY ASSURANCE AREA 0.8000 0.8000 0.8000  
SITE: SLD-3 ASSY-95

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

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

- ... MATERIAL CERTIFICATIONS...
- ... SPCA TEST DEFECT REPORTS...
- ... INSPECTION DEFECT REPORTS...
- ... NON-COMFORMANCE REPORTS...
- ... FORM GTC-119 (DOC REV RECORD)...
- ... NO. LOTS REPORT...
- ... DIGITAL PHOTOGRAPHS, RECORDED ONTO CD...

DATE	QTY	REMARKS	STATUS
2/23/05	1		



39 080 00 SOURCE INSPECTION 0.0000 0.0000 0.0000  
SITE

- \* PROCESS PER CAA STEP 39
- NOTE: NEXT ASSEMBLY IS LAT 08-01446
- \*\* PLEASE RETURN INSPECTED CCA TO QA UPON COMPLETION \*\*

DATE	QTY	REMARKS	STATUS
3-24-05	1	COATING IS THE BEST I HAVE SEEN TO THIS DATE. (20)	

COVERAGE WITH LITTLE OR NO TOUCH UP.



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

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS		INVLOC	LOT NUMBER	INVENTORY DETAIL		
					STAT	RESV IN LOT #			LOT QUANTITY	LOT DATE	SIN BINLOC QUANTITY
1	LAT-DS-01645 PWS, TEM ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	120299	SKCP2 FN-D1	120299 PULLED:	6.00	09-11-07	1 ✓
2	LAT-DS-01026 PLATE, CONN, TEM ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	114784	SKCP2 FN-D6	114784 PULLED:	6.00	06-19-07	1 ✓
3	LAT-DS-01031 PIN, CONNECTOR, TEM ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114785	SKCP2 FN-D7	114785 PULLED:	14.00	06-19-07	2 ✓
4	M82150N12-8 SCREW ORIGINAL QUANTITY...	EA	26.00	RSVD	26.00	114786	SKCP2 FN-D3	114786 PULLED:	234.00	09-23-04	26 ✓
5	LAT-DS-03882 SCANDOFF ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114787	SKCP2 FN-D5	114787 PULLED:	14.00	09-23-04	2 ✓
6	M821507-13 SCREW, PHD, 4-40 X ORIGINAL QUANTITY...	EA 29	2.00	RSVD	2.00	93945	SKCP2 FN-D10 FN-D10	93945 PULLED: 114788 PULLED:	267.00 78.00	11-24-03 057 09-23-04	2 ✓
	M82630-C2 FLATWASHER ORIGINAL QUANTITY...	EA	52.00	RSVD	52.00	114789	SKCP2 FN-D2	114789 PULLED:	428.00	09-23-04	52 ✓
8	M824671-2 SCREW ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114790	SKCP2 FN-D3	114790 PULLED:	36.00	09-23-04	4 ✓
9	M82471-C2 NUT ORIGINAL QUANTITY...	EA	26.00	RSVD	26.00	114791	SKCP2 FN-D4	114791 PULLED:	208.00	09-23-04	26 ✓
10	LAT-DS-01038 ASSY, CABLE, CONN, TEM ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00		SKCP2 FN-D12/25 J1	1.00 PULLED:			1 ✓
11	0151 ADHESIVE, HV500, 40Z KIT ORIGINAL QUANTITY...	OZ	1.00	RSVD	1.00		SKCP2 FN-D11	1.00 PULLED:			1 ✓
12	0151 ADHESIVE, HV500, 40Z KIT ORIGINAL QUANTITY...	OZ	1.00	RSVD	1.00		SKCP2 FN-D12	1.00 PULLED:			1 ✓
13	0151 CONFORMAL COATING URETHANE ORIGINAL QUANTITY...	OZ	1.00	RSVD	1.00		SKCP2 FN-D13	1.00 PULLED:			1 ✓



W. O. # : LAT-DS-01646  
Q. ANTY : 1  
M.P. LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE: 01-03-06  
REVERSE DATE : 12-21-04  
DATE PRINTED : 02-04-06

DATE PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS STAT QUANTITY	RESV IN LOT	LOT INVOICE NUMBER	INVENTORY DETAIL				BIN
								QUANTITY	LOT DATE	LOT LIFE	QUANTITY	
25	SMO050 FUSE, RAYCHEM/POLYSWICH ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114807	SKCF3 114807 FN-12 P3 P4 P6 P8 PULLED:	52.00	09-23-04			4 ✓
26	SMO075 IC ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114926	SKCF3 114926 FN-13 P3 P4 P7 P9 PULLED:	52.00	09-24-04			4 ✓
27	MAX145AEUA IC ORIGINAL QUANTITY...	EA	36.00	RSVD	36.00	120286	SKCF3 120286 FN-18 U1 U8 U9 U10 U11 U12 U16 U17 U18 U19 U20 U21 U22 U26 U27 U28 U29 U30 U31 U32 U36 U37 U38 U39 U40 U41 U42 PULLED:	263.00	12-16-04			36 ✓
28	MAX5121AREE IC ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114810	SKCF3 114810 FN-10 U1 U2 PULLED:	23.00	09-23-04			2 ✓
29	LAT-DS-03895 IC ORIGINAL QUANTITY...	EA	1.00	SO	1.00		SKCF3 114810 FN-17 U4 PULLED:		0.00			0
30	LAT-DS-03894 IC ORIGINAL QUANTITY...	EA	1.00	SO	1.00		SKCF3 114810 FN-18 U4 PULLED:		0.00			0
	LAT-DS-01614 IC ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114813	SKCF2 114813 FN-19 U3 U4 U5 U6 PULLED:	34.00	09-23-04			4 ✓
32	5942R9568101VXC IC ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	114814	SKCF2 114814 FN-20 U3 PULLED:	20.00	09-23-04		DRY-10	1 ✓
33	5942R955271QVC IC ORIGINAL QUANTITY...	EA	5.00	SO	5.00		SKCF3 114814 FN-22 U46 U47 U48 U53 U54 PULLED:		0.00			0
34	LAT-DS-01812 IC ORIGINAL QUANTITY...	EA	8.00	RSVD	8.00	114816	SKCF2 114816 FN-23 U54 U55 U56 U57 U58 U59 U60 U61 PULLED:	66.00	09-23-04			8 ✓
35	W170500000 THICK FILM JUMPER ORIGINAL QUANTITY...	EA	151.00	RSVD	151.00	114817	SKCF3 114817 FN-24 U1 U2 U3 U4 U5 U6 U7 U8 U9 U10 U11 U12 U16 U17 U18 U19 U20 U21 U22 U23 U24 U25 U26 U27 U31 U32 U33 U34 U35 U36 U37 U38 U39 U40 U41 U42 U46 U47 U48 U49 U50 U51 U52 U53 U54 U55 U56 U57 U61 U62 U63 U64 U65 U66 U67 U68 U69 U70 U71 U72 PULLED:	151.00	09-23-04			151 ✓
36	MS5342K04012ROR RESISTOR, CHIP, 100K 1/4 W OH ORIGINAL QUANTITY...	EA	55.00	RSVD	55.00	114818	SKCF3 114818 FN-25 U1 U2 U3 U4 U5 U6 U7 U8 U9 U10 U11 U12 U16 U17 U18 U19 U20 U21 U22 U23 U24 U25 U26 U27 U31 U32 U33 U34 U35 U36 U37 U38 U39 U40 U41 U42 U46 U47 U48 U49 U50 U51 U52 U53 U54 U55 U56 U57 U61 U62 U63 U64 U65 U66 U67 U68 U69 U70 U71 U72 PULLED:	55.00	09-23-04			55 ✓

BUY # : SAT-DS-01646  
WIP LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE: 02-03-05  
RELEASE DATE : 12-01-04  
DATE PRINTED : 03-04-05

DATE PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS	RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL	LOT QUANTITY	LOT DATE	BIN	QUANTITY
37	M55342K06B100R RESISTOR,CHIP,100W,1M OHM ORIGINAL QUANTITY	EA	2.00	RSVD		2.00	114819	SKC75 114819 FN-25 R114 114819 PULLED:	666.00 09-23-04		09-23-04		2
			2.00					114977 FN-25 R114 114977 PULLED:	217.00 09-27-04		09-27-04		
38	M55342K09B10P0R RESISTOR ORIGINAL QUANTITY	EA	2.00	RSVD		2.00	114820	SKC75 114820 FN-25 R114 114820 PULLED:	111.00 09-23-04		09-23-04		2
			2.00					114988 FN-22 R114 114988 PULLED:	212.00 09-27-04		09-27-04		
39	M55342K06B220R RESISTOR ORIGINAL QUANTITY	EA	205.00	RSVD		205.00	114821	SKC75 114821 FN-25 R114 114821 PULLED:	3720.00 09-23-04		09-23-04		205
40	M55342K06B100R RESISTOR,CHIP,100W,100 OHM ORIGINAL QUANTITY	EA	60.00	RSVD		60.00	114822	SKC75 114822 FN-25 R114 114822 PULLED:	111.00 09-23-04		09-23-04		60
41	M55342K06B100R RESISTOR,CHIP,100W,100 OHM ORIGINAL QUANTITY	EA	50.00	RSVD		50.00	114823	SKC75 114823 FN-25 R114 114823 PULLED:	111.00 09-23-04		09-23-04		50
42	M55342K06B200R RESISTOR ORIGINAL QUANTITY	EA	2.00	RSVD		2.00	114824	SKC75 114824 FN-25 R114 114824 PULLED:	109.00 09-23-04		09-23-04		2
43	331125000967K6 THERMISTOR,30K ORIGINAL QUANTITY	EA	2.00	RSVD		2.00	114825	SKC75 114825 FN-41 R114 114825 PULLED:	14.00 09-23-04		09-23-04		2
			2.00					114904 FN-41 R114 114904 PULLED:	16.00 09-27-04		09-27-04		
44	3322R586S1030VC IC ORIGINAL QUANTITY	EA	4.00	RSVD		4.00	120269	SKC75 120269 FN-21 U58 U58 PULLED; USE: USE	36.00 12-16-04		12-16-04	DRY-10	4
45	M55342K06B492R RESISTOR,CHIP,100W,49.9 ORIGINAL QUANTITY	EA	4.00	RSVD		4.00	114827	SKC75 114827 FN-24 R648 R649 R650 R661 PULLED:	203.00 09-23-04		09-23-04	CP3D	4

W<sup>o</sup> ORDER # 112022  
 A. JLY # : LAT-DS-01646  
 WU QUANTITY : 1  
 WIP LOCATION: 202

( NEW )

WORK ORDER PICK LIST  
 BY LINE ITEM

EFFECTIVITY DATE: 01-03-05  
 RELEASE DATE : 01-11-04  
 DATE PRINTED : 01-14-05

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

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

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS			WIP IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL			
			REQUIRED QUANTITY	CURR STAT	STATUS				LOT QUANTITY	LOT DATE	BINLOC	BIN QUANTITY
46	M55341K0981F00R RESISTOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114828	SKCP2	114828	64.00	09-23-04		
							FN-27	R391 R392 PULLED:				
								114989	225.00	09-27-04		
							FN-27	R391 R392 PULLED:				
47	M55341K0685E1R RESISTOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114829	SKCP2	114829	215.00	09-23-04		
							FN-30	R642 R643 PULLED:				
								114833	232.00	09-27-04		
							FN-30	R642 R643 PULLED:				
48	M55341K068B100R RESISTOR,CHIP,100M,10K 0 ORIGINAL QUANTITY...	EA	23.00	RSVD	23.00	114530	SKCP2	114530	335.00	09-23-04	CP20	
							FN-27	R147 R148 PULLED:				
								114587	115.00	09-23-04		
							FN-27	R147 R148 PULLED:				
								114587	115.00	09-23-04		
							FN-27	R147 R148 PULLED:				
								114587	115.00	09-23-04		
							FN-27	R147 R148 PULLED:				
								114587	115.00	09-23-04		
							FN-27	R147 R148 PULLED:				

W Picker Record does not exist for WO record: 112022

# GENERAL TECHNOLOGY CORPORATION NONCONFORMANCE MATERIAL/RMA REPORT

NCMR NUMBER	<input type="text" value="2355"/>	CUSTOMER RETURN	<input type="checkbox"/>
DATE	<input type="text" value="5/6/2005"/>	RMA NUMBER	<input type="text"/>
CUSTOMER	<input type="text" value="SLAC"/>	QUANTITY RETURNED	<input type="text"/>
CUSTOMER CONTACT	<input type="text" value="Pat Lujan"/>	VENDOR DEFECT	<input type="checkbox"/>
VENDOR	<input type="text"/>	QUANTITY REJECTED	<input type="text"/>
PART NUMBER	<input type="text" value="LAT-DS-01845"/>	PRODUCTION DEFECT	<input type="checkbox"/>
LOT QUANTITY	<input type="text" value="1"/>	QUANTITY REJECTED	<input type="text"/>
SALES ORDER	<input type="text" value="F17200"/>	REWORK REQUIRED	<input type="checkbox"/>
PURCHASE ORDER	<input type="text" value="48799"/>	QUANTITY REWORKED	<input type="text"/>
LOT NUMBER	<input type="text"/>	PURCHASING DEFECT	<input type="checkbox"/>
WORK ORDER	<input type="text" value="112022"/>	PURCHASING QUANTITY REJECTED	<input type="text"/>
INITIATOR	<input type="text" value="Pat Lujan"/>		
ASSIGNED TO	<input type="text" value="Joe Cullinan"/>		
DATE REQUIRED	<input type="text" value="5/11/2005"/>		
ASSIGNED TO SIGNATURE	<input type="text"/>		
DISCREPANCY	<input type="text" value="GLAT1773.&lt;br/&gt;50 G Shock Watch Indicator tripped. One side only"/>		
NOTES	<input type="text"/>		
CAUSE	<input type="text" value="Occurred during shipping from SLAC to GTC"/>		
CORRECTIVE ACTION	<input type="text" value="None required"/>		
FINAL DISPOSITION	<input type="text" value="USE AS IS"/>		
Q/A APPROVAL	<input type="text" value="E-mails on file"/>		
Q/A APPROVAL DATE	<input type="text" value="5/9/2005"/>		
COST OF QUALITY	<input type="text"/>		



General Technology Corporation

# CONFORMAL COATING DATA SHEET

CCA P/N: LAT-DS-01646 GLAT 1773 GT122

W.O. #: 112022

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

Date: 5/20/05

## MIX RATIOS

Coating TYPE: ARATHANE Mfr: HUNTSMAN

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

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

AIR CURE: (5-19-05) 6:00 PM - (5-20-05) 6:30 AM

OVEN CURE: (5-20-05) 6:30 AM - 9:30 AM






## REWORK TRAVELER

SO NO: F17300	PART NO: SLAC LAT-DS-01646	REV: 56
ASSEMBLY NAME: TEM CCA		QTY: 1

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APPROVAL G. POZZI	G. HEFFKIN	K. BERGTHOLDT	P. LUJAN
PREPARED BY	DATE	DATE	DATE
ENG MGR SUP	4-12-05	4-18-05	4-19-05
QA MGR Ext 6			DATE 4-19-05

STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	Record serial numbers: TEM LAT-DS-01646 SN GT- <u>122</u> GLAT- <u>1773</u>	1337 <i>me</i>	5/13/05	
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>	1337 <i>me</i>	5/13/05	
3	AQUEOUS CLEAN USING RECIPE #3	<i>me</i> 1337	5/13/05	
4	<b>INSPECTION: INSPECT FOR BOARD CLEANLINESS. NO SOLDER BALLS ALLOWED.</b>	<i>me</i> 1337	5/13/05	
5	<b>SOURCE INSPECTION</b> LINT & FOD THROUGHOUT CCA		5/16/05 5-17-05	



# DEFECT RECORD REPORT

ID 31701

PART NUMBER: LAI-DS-01646

INSPECTION TYPE: CUSTOMER SOURCE

OFF. SOLDIER: 0

WORK ORDER: 112022

INSPECTION LEVEL: 1

OFF ASSEMBLY: 0

SALES ORDER: F17200

INSPECTOR: EMARTINEZ

DATE: 5/17/2005

QUANTITY: 1 RW QTY: 1

WEEK CODE: 22

CUSTOMER: SLAC

SERIAL NO.	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
GT122	1	1337	A332	I-BIG RUNNER	FOD		THRU OUT BOARD

*MMN. 108  
5/17/05*

*5/17/05*

# DEFECT RECORD REPORT

ID: 30312

PART NUMBER: LA1DS

INSPECTION TYPE: POTTING

OFF SOLDER: 0

WORK ORDER: DS-01646

INSPECTION LEVEL: 1

OFF ASSEMBLY: 104

SALES ORDER: FTZ200

INSPECTOR: EMARTINEZ

DATE: 3/28/2005

QUANTITY: 1 RW QTY: 1

WEEK CODE: 15

CUSTOMER: SLAC

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES	CONNECTOR PLATE
122	1	1337	A301		MIS ORIENTATION			

*1337  
3/28/05*

*P.D. 1946  
3/28/05 reband*

*3/28/05*

# DEFECT RECORD REPORT

ID: 30176

PART NUMBER: LAT-DS-01646

INSPECTION TYPE: HAND SOLDER

OFF SOLDER: 600

WORK ORDER: 112022

INSPECTION LEVEL: 1

OFF ASSEMBLY: 55

SALES ORDER: F17250

INSPECTOR: EMARTINEZ

DATE: 3/22/2005

QUANTITY: 1 RW QTY: 1

WEEK CODE: 14

CUSTOMER: SLAC

SERIAL NO.	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
122	1	692	SA13		BRODING	J15	

5  
133  
3/22/05

 Steve

# DEFECT RECORD REPORT

ID: 29595

PART NUMBER: LAT-DS-01646

INSPECTION TYPE: POST REFLOW

OFF. SOLDER: 4163

WORK ORDER: 112022

INSPECTION LEVEL: 1

OFF ASSEMBLY: 5203

SALES ORDER: F17260

INSPECTOR: VANDEVER

DATE: 2/26/2005

QUANTITY: 1 RW QTY: 1

WEEK CODE: 10

CUSTOMER: SLAC

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PINNOTES
GT122	1	SM1	A301		MIS ORIENTATION	U11	✓
GT122	1		S402		INSUFFICIENT SOLDER	U61	✓
GT122	1		S402		INSUFFICIENT SOLDER	U5	✓
GT122	1		S402		INSUFFICIENT SOLDER	U54	✓
GT122	1		S402		INSUFFICIENT SOLDER	U8	✓
GT122	1		S402		INSUFFICIENT SOLDER	U80	✓
GT122	1		S402		INSUFFICIENT SOLDER	U58	✓
GT122	1		S402		INSUFFICIENT SOLDER	U56	✓
GT122	1		S402		INSUFFICIENT SOLDER	U55	✓
GT122	1		S402		INSUFFICIENT SOLDER	U4	✓
GT122	1		S402		INSUFFICIENT SOLDER	U57	✓
GT122	1		S402		INSUFFICIENT SOLDER	U59	✓
GT122	1		S402		INSUFFICIENT SOLDER	U3	✓
GT122	1		S412		< 75% HEEL FILLET AT 10X MAGN	U47	✓
							LEAD 1 AND 2

1337 3/14/05

3/18/05

WORK CELL: 4-MIXED

CUSTOMER: SLAC

7 PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

ASSY FOR LAT-DS-02588  
ASSY, CABLE, CONN, TEL

WOB 112026  
REQ DATE 02-04-05  
DEL DATE 01-31-05  
PCB  
PCB 0000048799

CUST BY  
QTY 15  
PROJECTS 217200  
CUST# 15356

SERIAL NUMBER LISTING:-----  
N/A

APPROVAL  
PROD GH 2/4/05  
QA 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 08.19.04 g1b)

DEPT MACH# CP# DESCRIPTION..... SET-UP HOURS  
RUN... LINE-MACH SC-LOT



201 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000

\*\*\*\*\* CONFIGURATION DOCUMENTS \*\*\*\*\*  
ASSY & PL DOCUMENT NUMBER REV PD/PL OUTSTANDING EO'S  
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
2-4-05	---	---	<u>GH</u>

WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

ASSY/PN# LAT-DS-02588  
ASSY, CABLE, CONN, TEM

WO# 112026  
REQ DATE 02-04-05  
REL DATE 01-31-05  
SQ#  
PC# 0000048799

CUST P#  
QTY 10  
PROJECT# 517200  
COST# 15350

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



2 231 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000  
KIT PARTS/MATERIALS

\* WIRE, CRIMP PINS, AND CONNECTOR.

QTY REMARKS..... STATUS  
21705 19  
[Handwritten signature]

WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER: TRAVELLER - NEW

ASSY/PNS LAT-DS-C2586  
ASSY, CABLE, CONN, TEX

NO: 112026  
MFG DATE: 02-04-05  
REL DATE: 01-31-05  
JOB: 000048799

CUST Pa  
QTY: 19  
PROJECT# 117200  
CUST# 15356

PAGE 3

Star 1-4  
# 1337  
4/26/05  
move to start AS3A  
Jeth

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



3 220 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 FULL TESTS,  
USE 3 PCS EACH FOR PRE-CRIMP AND POST-CRIMP TESTS.

STRIPPING METHOD - ALL ASSEMBLY AND TEST ACTIVITY...

USE SCHEMATIC PNEUMATIC WIRE STRIPPER SET UP WITH  
24 AWG STRIP BLADES, A STRIP LENGTH OF 1/4" (2.54mm)  
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: status DATE: 2/9/05 STATUS: Pass  
R. Manton 1970

ASSEMBLY ACTIVITY...

- 1 FEED WIRE DIRECTLY OFF THE SPOOL TO THE STRIPPER.
- 2 STRIP THE INSULATION LEAVING THE SLUG, ~~1/4" (2.54mm)~~.
- 3 CUT THE WIRE OFF AT THE INDICATED LENGTH, AND QUANTITY.  
• CUT ~~3~~ <sup>39</sup> PIECES TO 1-1/8" (1.125") LONG. USE program # 89
- 4 CUT ~~3~~ <sup>15/16</sup> PIECES TO ~~1/4"~~ <sup>1/8"</sup> LONG. USE program # 90 } ON EUBANKS
- 5 STRIP SECOND END USING THERMAL TWEEZERS, ~~3/16"~~
- 6 TIN SECOND END BY SOLDER DIP. CLEAN WITH ALCOHOL.
- 7 PULL INSULATION SLUG AND CRIMP CONTACT (22D) ONTO LEAD.  
USE M22520/2-01 CRIMPER W/ M22520-2-05 TORRET/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: R. Manton 1970 DATE: 2/9/05 STATUS: Pass

DATE	QTY	REMARKS	STATUS
2/10/05	48024	9 7/8" (39) & 1 1/8" (39) @ 4 each	M1970
3.10.05	8	1 1/8" (35) 1" (200) 1 1/16" (175)	H.G. #1941
3.11.05	8	1 1/8" strips	H.G. #1941

Equipment CHANGE: EUBANKS  
3/16" strip length to 1/4"  
(19)  
Pass Crimp Tensile Strength Sheet attached  
#Rozzi 3-01-05  
#Rozzi 2-8-05

①②③④ - performed using S. 80  
3/16" (19)  
GTC-A-463  
K42 - mm.  
#Rozzi 2-8-05

3.11.05 1 5/16 strips H.G. #1941  
~~3.11.05~~  
3.11.05 crimps 1 9/16 H.G. #1941  
3-10-05 MV 1942 1" strip  
3-17-05 turning H.G. #1941 1 5/16  
3-14-05 crimp/tin 1" (46) H.G. #1941  
3-14-05 crimp/tin 1 1/8 (96) H.G. #1941  
3-14-05 crimp/tin 1 1/8 (235) H.G. #1941  
3-14-05 crimp/tin (26) 1" H.G. #1941

\* pre-Asst crimp test 2.28.05 Pass H.G. #1941  
pre-Asst crimp test 3.1.05 Pass H.G. #1941  
" 3.2.05 Pass H.G. #1941  
" 3.3.05 Pass H.G. #1941  
no crimping on 3.4.05  
pre-Asst crimp test 3.5.05 Pass H.G. #1941  
" 3.7.05 Pass H.G. #1941  
pre-Asst crimp test 3.14.05 Pass H.G. #1941  
" 3.21.05 Pass H.G. #1941

See page  
3A - continued  
Jeth



WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/PN: LAT-DS-02593  
ASSY: CABLE, CONN, TEM

WO# 112026  
REQ DATE 02-04-05  
REL DATE 01-31-05  
PO# 0000048799

CUST # 19  
QTY 17200  
PROJECT# P17200  
CUST# 15356

PAGE 4

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



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

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

DR#(S)

DATE	QTY	REMARKS	STATUS
2/17/05	<del>4</del> 4	7/8" 39 pieces	
	4	1/8" 39 pieces	
3/4/05		(Redone)	



5 220 00 CABLE/HARNESS ASSY AREA 0.0000 0.0000 0.0000  
INSERT CRIMP CONTACTS TO CONNECTOR

- \* INSERT TERMINATED WIRES TO CONNECTOR.

INSERT LONGER WIRES (1-<sup>5/16</sup>) INTO HOLE NUMBERS 1 THRU 20  
 ... INSERT SHORT WIRES (<sup>1/8</sup>) INTO HOLE NUMBERS 60 THRU 78.  
 ... ASSURE CONTACT IS SEATED AND LOCKED INTO CONNECTOR.

*strips, crimps & tinning*  
 3/1/05  
 3/1/05  
 1/4" strip 3/1/05  
 2-28-05  
 Insert 1/8" WIRES into 21 Through 59

DATE	QTY	REMARKS	STATUS
2/17/05	4		RM1970
3-16-05	2		H.G.#1941
3-21-05	1		H.G.#1941

3-21-05 3 completed H.G.#1941



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

- \* INSPECT INSERTED WIRES.
- \*\* RECORD DEFECT RECORD REPORT NUMBER(S) BELOW.

DR#(S)

ROUTE FOR WC CLOSURE AND DELIVERY TO NEXT ASSY LAT-DS-01646.

DATE	QTY	REMARKS	STATUS
2/17/05	4	AMP206504-1 conn	
		inserts, step 5.	
3-15-05	2	AMP206504-1 conn, check inserts	
3/21-05	1		
3/22/05	3	conn	

WORK ORDER : 112026

( NEW )

WORK ORDER PICK LIST

PAGE: 1

WBLY # : 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: \_\_\_\_\_

LI#	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS			RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL			
			REQUIRED QUANTITY	CURR STAT	STATUS QUANTITY				LOT QUANTITY	LOT DATE	BIN	BINLOC
1	206304-1 AMPLIMITE ORIGINAL QUANTITY...	EA	1.00	RSVD	19.00	114794	SKCF2 FN-1	114794	22.00	09-23-04		
The following parts have been defined as alternates for 206304-1: LI# 1.1 311P407-5P-B-15 1 PER Partial quantity replacements are allowed.												
2	M22759/11-24-9 WIRE, 24AWG, WHITE ORIGINAL QUANTITY...	IN	102.00	RSVD	1938.00	115299	SKCF2 FN-3	115299	35994.00	10-01-04		
The following parts have been defined as alternates for 204370-8: LI# 3.1 008P1 1 PER Partial quantity replacements are allowed.												
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
	<input type="radio"/> FAIL	<input 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):			

1500

# CRIMP TENSILE STRENGTH LAT-DS-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	/	
CONTACT PN:		
WIRE PN:		
CRIMP TOOL PN (GTC Tool #):	(GTC- )	TEST DATE 2/09/05 TESTED BY Rosa Marnal 1970 WORK ORDER NO. 112026
DIE/LOCATOR PN (GTC Tool #):	(GTC- )	
SELECTOR VALUE:		
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):

TEST TYPE (circle one):		PRE - PROD	POST - PROD	
CRIMP OPERATOR NAME/EMP #:	RHODA MARQUIN / 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 830)			RHODA MARQUIN (92)
DIE/LOCATOR PN (GTC Tool #):	M22520/02-09 (GTC-A 831)			WORK ORDER NO.
SELECTOR VALUE:	3			112026
TEST EQUIP # (Last CAL date):	ALPHATRON MPE 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)	<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):				

0830

# CRIMP TENSILE STRENGTH

LAT-05-02588

MIL-STD-1344; METHOD 2003.1

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 2/15/05 TESTED BY STONA MARRION WORK ORDER NO. 1102/12026
CONTACT PN:		
WIRE PN:		
CRIMP TOOL PN (GTC Tool #):	(GTC- )	
DIE/LOCATOR PN (GTC Tool #):	(GTC- )	
SELECTOR VALUE:		
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
	Type of Separation Observed		
SLIP (pull out) {a}	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CONDUCTOR BROKEN IN CRIMP AREA (some or all) {b}	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CONTACT BROKEN IN CRIMP AREA (some or all) {c}	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) {d}	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CONTACT BROKEN OUTSIDE OF CRIMP AREA {e}	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER (define) {f}	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SPECIAL INSTRUCTIONS (as reqd):

1:10 PM.

## CRIMP TENSILE STRENGTH

Lot-05-02588

MIL-STD-1344: METHOD 2003.1

TEST TYPE (circle one):

PRE - PROD

POST - PROD

CRIMP OPERATOR NAME/EMP #:

Herbie Gray 1#1941

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 1520)

Herbie Gray

DIE/LOCATOR PN (GTC Tool #):

M22520 / 2-09 (GTC 631)

WORK ORDER NO.

SELECTOR VALUE:

3

112026

TEST EQUIP # (Last CAL date):

Alpation MPF200A (6/24/04) 11.18.05

PULL RATE:

1"  $\pm$  0.25" 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)	<input checked="" type="radio"/> PASS	<input type="radio"/> FAIL	<input checked="" type="radio"/> PASS
		<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):			

8:45 AM.

## 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#941	TEST DATE	
CONTACT PN:	704370-B	3.1.05	
WIRE PN:	M22759 / 11-24-9	TESTED BY	
CRIMP TOOL PN (GTC Tool #):	M22570 / 2-01 (GTC# 830)	Herbie Gray	
DIE/LOCATOR PN (GTC Tool #):	M22570 / 2-09 (GTC# 431)	WORK ORDER NO.	
SELECTOR VALUE:	3	117026	
TEST EQUIP # (Last CAL date):	Alphatron MPF 700A ( <del>67504</del> ) 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-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<u>PRE</u> -PROD	POST-PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1#7941	TEST DATE
CONTACT PN:	204370-8	3305
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC 1.820)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-01 (GTC 1.831)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	Alphatec MPF 200A <del>11-17-04</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)	<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):			

9.501.1c

**CRIMP TENSILE STRENGTH**

Lot DS-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<input checked="" type="radio"/> PRE - PROD	POST - PROD	
CRIMP OPERATOR NAME/EMP #:	Herbie Gray #1941	TEST DATE	
CONTACT PN:	204370-8	3.505	
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 #):	M2292/2-09 (GTC 831)	WORK ORDER NO.	
SELECTOR VALUE:	3	112026	
TEST EQUIP # (Last CAL date):	Hydram 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)	<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):

8:50 A.M.

## CRIMP TENSILE STRENGTH Cat. 15-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):

PRE - PROD

POST - PROD

CRIMP OPERATOR NAME/EMP #:

Herbie Gray 1#1941

TEST DATE

CONTACT PN:

204370-8

3.7.05

WIRE PN:

M22759 / 11.24-9

TESTED BY

CRIMP TOOL PN (GTC Tool #):

M22520 / 2-d (GTC# 830)

Herbie Gray

DIE/LOCATOR PN (GTC Tool #):

M22520 / 2-09 (GTC# 851)

WORK ORDER NO.

SELECTOR VALUE:

3

117026

TEST EQUIP # (Last CAL date):

Alpha 4 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)

PASS

FAIL

PASS

FAIL

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):

7:45 a.m.

## CRIMP TENSILE STRENGTH

Lot-05-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<b>PRE</b> PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray #1941	TEST DATE
CONTACT PN:	204370-8	3.7.05
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22500/2-01 (GTC A102)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22500/2-01 (GTC A531)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	Alden MPT-200A 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:	13.4	13.1	13.7
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 Lot 05-02588

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 #:	Heise 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)	Heise Gray
DIE/LOCATOR PN (GTC Tool #):	M22759 / 2-09 (GTC #036)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	Adair 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	<input checked="" type="radio"/> POST PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1 # 1941	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 1102)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520   2-09 (GTC 836)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	Alperton MPI-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:	13.6	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):

Assy LAT-DS-02588

### CRIMP TENSILE STRENGTH

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<u>PRE - PROD</u>	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Dora 113371	TEST DATE
CONTACT PN:	204370-8 (C08P1)	4/28/05
WIRE PN:	M22759/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A7610)	Dora
DIE/LOCATOR PN (GTC Tool #):	M22520-2-09 (GTC- )	WORK ORDER NO.
SELECTOR VALUE:	3	112096
TEST EQUIP # (Last CAL date):	6/17/04 <sup>Dec</sup> 6/17/05 GTR 958	
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)	<u>PASS</u> FAIL	<u>PASS</u> FAIL	<u>PASS</u> 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):

Assy LAT-D5-02588

**CRIMP TENSILE STRENGTH**

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	<b>POST - PROD</b>
CRIMP OPERATOR NAME/EMP #:	<i>Nara</i> 11337	TEST DATE
CONTACT PN:	204370-8 (608PI)	4/28/05
WIRE PN:	M22759/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A610)	<i>Nara</i>
DIE/LOCATOR PN (GTC Tool #):	M22520-2-09 (GTC )	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	6/17/04 <sup>Due</sup> 6/12/05 (GTC PS11)	
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:	13.0	13.4	13.2
PASS/FAIL (circle test result)	<b>PASS</b>	FAIL	<b>PASS</b>
	FAIL	<b>PASS</b>	FAIL
	<b>PASS</b>	FAIL	<b>PASS</b>
	FAIL	<b>PASS</b>	FAIL
Check Failure Mode 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):			