

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

SHIPPER
SHIPPER NUMBER F17301.7
SALES ORDER NUMBER F17301
SHIP DATE 06/08/05
PAGE 1

S 15356
O SLAC
L ACCOUNTS PAYABLE
D 2575 SAND HILL RD M/585
MENLO PARK, CA 94025
T
O

B 15356
I SLAC
L ACCOUNTS PAYABLE
L 2575 SAND HILL RD M/585
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.

1.1	12	EA	LAT-D5-01643 ASSY, UNIT-TEM/TPS S/N: G1111 GLAT1838. QTY DUE...: 10	52	1.00	1	130873
-----	----	----	--	----	------	---	--------

SHIP VIA: UPSR
WAYBILL#:

Certificate of Conformance

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

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

[Handwritten signature]

END-ITEM DATA PACKAGE – LAT-DS-01643; Serial Number: GT111 GLAT 1838

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# 113230 : S/N (above SN)

TPS Unit: LAT-DS-01482 WO# 113215 : S/N GT115 GLAT 1823

TPS CCA: LAT-DS-02388 WO# 112068 : S/N GT115 GLAT 1785

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# 113120 : S/N GT119 GLAT 1808

TEM CCA: LAT-DS-01646 WO# 112019 : S/N GT119 GLAT 1770

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.) ()

(_____)

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 - 53)

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: GT III GLAT 1838

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: 24113

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

(LAT-DS-02388/29627 LAT-DS-01481/31756 LAT-DS-01646/29548)
LAT-DS-02830/29547 30177
30498

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

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

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

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

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


¼ view of TEM/TPS Unit LAT-DS-01643 {✓}

Completed by: *Travis Martini*

Date: 6-8-05

GTC QA Acceptance: 

Date: 6-8-05

SLAC QAR Acceptance: 

Date: 6-15-05

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

Assy. UNIT-TSM/TFS

WOS 113230
REQ DATE 05-06-05
REL DATE 04-21-05
SOS # 113301
POS# 0000052627

CUST ID
PROJECT # P17301
CUST# 18356

Handwritten initials/signature

SERIAL NUMBER
GT111 GLAT1838

APPROVAL:
PROD: KH/5.3.05
QA: 16/4/5.3.05

WORKMANSHIP: *****
ISO/EIA-J-STD-001C CLASS 3: WITH "CS" SPACE SUPPLEMENT
SLAC QAR MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE
OF ANY STEP OF THE TRAVELER/WORK ORDER. SLAC QAR MAY
INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP.
-9th 02 02.05-*****

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



1 200 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0100
CONFIG

***** CONFIGURATION DOCUMENTS *****
DOCUMENT NUMBER REV ED/PL OUTSTANDING EC'S
ASSY DWO: LAT-DS-01643 03 NONE
EOM PL: (EOMS - CS DWO)
CUST SOW: LAT-SS-02618/01078 03 NONE
USE/NO: (NOT APPLICABLE; WAS SK-182; SOW DELETED WTC DO;
ASSY AID: LAT-DS-01643 - (RELEASED PER EC 2479)
CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)
BUILD DOCUMENTS
USE... WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS
* SEE LAST PAGE OF WO (FOOTER) FOR TRAVELER REV/CHG RECORD *

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



1 201 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0100
KITTING

PROCESS MATERIAL PER CAA STEP 2.

DATE	QTY	REMARKS	STATUS
<u>5/17/05</u>	<u>1</u>		<u>400A</u> <u>2004</u>



PRODUCTION

WORK ORDER TRAVELLER - NEW

Part/FIN# LAT-DS-01041
ASSY. UNIT-TEM/TPS

WOM 113230
WRO DATE 05-06-05
WREL DATE 04-31-05
COST 217301
PC# 0011553627

CUST #
QTY 1
PROJECT# F17301
COST# 18356

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



3 210 00 CCA/BLACK BOX ASSY AREA
INSTALL SCREWS JOINING
THE TEM & TPS BOX ASSYS. 0.0000 0.0000 0.0000

* PROCESS ASSY PER CAA STEP 3.

DATE	QTY	REMARKS	STATUS
06/07/05	1		Byt (1288)



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

* PROCESS ASSY PER CAA STEP 4.

** ALERT SLAC OAR TO WITNESS TORQUE PROCESS.**

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

TORQUE TOOL # GTC-A-977
GTC-B-344 CAL DUE DATE: 08/05

DATE	QTY	REMARKS	STATUS
06/07/05	1		Byt (1288)
6.705	1	WITNESS TORQUE	LAT TO OAR



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

* PROCESS ASSY PER CAA STEP 5.

* RECORD MATERIAL DATA BELOW.

REMSV 0151 CTC PO# 31403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START-06/08/05 8:30 AM STOP-10:30 AM

DATE	QTY	REMARKS	STATUS
06/08/05	1		Byt (1288)

6 210 00 CCA/BLACK BOX ASSY AREA
ASSY MARKING AND LABEL 0.0000 0.0000 0.0000

* PROCESS ASSY PER CAA STEP 6.

* RECORD MATERIAL DATA BELOW.

INF COLOUR: CTC D# 31201 EXPIRATION DATE 04/22/07
LOT # IPT A# 200409080033
LOT # IPT B# 200404070071
MIX RECORD IPT A WHIT: 105g IPT B WHIT: 0.6g
MARKING DATE/TIME: 06/08/05 8:30 AM to 10:30 AM
MARK OCCURS AT STAKING STEP 5

DATE	QTY	REMARKS	STATUS
06/08/05	1		Byt (1288)

Handwritten notes and signatures: "RM 3M 3", "Byt (1288)", "6-705", "LAT TO OAR", and various circled marks.

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

WPN# LAT-DS-01643
ASSY. UNIT-TEM/TFS

WOP 112130
REQ DATE 05-06-05
REL DATE 04-21-05
PC# 217301
PC# 000003627

CUST P#
QTY 1
PROJECT# 217301
COST# 15356

PAGE 3

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
OPE: SLDR-0 ASSY-122

* PROCESS ASSY PER CAA STEP 6.

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
6/8/05	1		
_____	_____	_____	_____
_____	_____	_____	_____



7 280 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
EXAMINE BOX JOINING
AND STD 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 37C-129).

DATE	QTY	REMARKS	STATUS
6.9.05	1	GCAT 1838	
_____	_____	_____	_____
_____	_____	_____	_____



8 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0100
OPE: SLDR-0 ASSY-97

* 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
6/8/05	1		
_____	_____	_____	_____
_____	_____	_____	_____

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 4

//FN# LAT DS-01640
ASSY, UNIFORM/TPS

WU# 113230
REQ DATE 08-05-05
REL DATE 04-21-05
COST F17301
PO# 0000052627

CUST #
CITY 1
PROJECT# F17301
CUST# 15386

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



4 199 00 PACKAGING/SHIPPING INSP 0 0000 0.0000 0.0000
PACKAGING/SHIPPING

* PROCESS ASSEMBLY PER CAA STEP 9.

DATE	QTY	REMARKS	STATUS
06/07/05	1		ByP(288)

***** TRAVELER REVISION HISTORY RECORD *****
 CREATED BY: FOR ASSY REV. DATE
 REF#IN 83 04 26.05
 ASSY CHG CHG
 REV BY DATE CHANGE DETAIL
 83 GLR 042605 UPDATED FOR UNITS 4 THRU 22.

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

WORK ORDER 113210

NEW 1

WORK ORDER PICK LIST

PAGE 1

BY LINE ITEM

EFFECTIVITY DATE: 09-21-09
RELEASE DATE: 09-21-09
DATE PRINTED: 09-21-09

WBL# 147-05-01643
FACILITY: 1
LOCATION: 401

DATE FILLED:

FILLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RESV IN LOT #	INVLOC NUMBER	INVENTORY DETAIL			
			QUANTITY	STATUS			LOT	DATE	BIN	
1	147-05-01643 SCREWS, WASH. LOCK, 832X.401 ORIGINAL QUANTITY...	EA	40.00	RSVD	40.00 100107	SKCS FW-03	100107	40	09-21-09	IM 2554
2	1151 ADHESIVE, HYSCOL 40Z KIT ORIGINAL QUANTITY...	CC	1.00	SC	1.00	SKCS FW-04		1.00		

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

ASSY/PN# LAT-DS-01482
ASSY, G'ART, DIA, TFS

WO# 113215
RPO DATE 05-06-05
REL DATE 04-20-05
QTY# 1
PC# F17300
PO# 0000048800

CUST P#
CUST QTY# 1
PROJECT# F17300
CUST# 15356

SERIAL NUMBER ***** APPROVAL:*****
GT115 GLAT R23 PROD: KH/S-305
CA/PM/S-3-07

*WORKMANSHIP *****
IPC/EIA-J-STD-001C CLASS 3; WITH "CS" SPACE SUPPLEMENT
SLAC OAR MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE
OF ANY STEP OF THE TRAVELER/WORK ORDER. SLAC OAR MAY
INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP.
*gln 05-29-04*****

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



1 000 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000

***** CONFIGURATION DOCUMENTS *****
DOCUMENT NUMBER REV FD/PL OUTSTANDING EO'S
ASSY DWG: LAT-DS-01482 55 NONE
ECN PL: (SAME - ON DWG)
CUST SCH: LAT-FS-03078 03 NONE
ISS TEST: (N/A THIS LEVEL) (RELEASED PER EC 2477)
ASSY AID: LAT-DS-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
5-20-05 _____ PM



0 001 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000

* PROCESS MATERIAL PER CAA STEP 2.

DATE... QTY.. REMARKS..... STATUS
5/20/05 1 SPRITS 400A PM
2004



WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

ASSY/FIN: LAT-DS-01482
SERV. CLASST. DAO. TFS

WOB 113215
REQ DATE 05-06-05
BILL DATE 01-30-05
JOB# F17300
PO# 0000048800

CUST #
QTY 1
PROJECT# F17300
TURNT# 15156

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 1.0000
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 MONT) 15gr (PART B MONT) 1gr

DATE... QTY... REMARKS..... STATUS
06/06/05 1 BYP(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. GT115

DATE... QTY... REMARKS..... STATUS
06/06/05 1 BYP(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 OAR 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-344 CAL DUE DATE 08/05

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

66051 WITNESS TORQUE



WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

ASSY/TN# LAT DS 01482
ASSY, GLAST, DMQ, TFS

WOB# 113205
REQ DATE 05-14-05
REL DATE 04-20-05
SUN 717300
PO# 0000148900

CUST #
PROJ # 717300
CUST# 15354

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



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

- PROCESS ASSY PER CAA STEP 6.
 - ALERT SLAC CAR TO WITNESS TORQUE PROCESS.--
 - RECORD ASSIGNED TOOL# USED, AND CAL DUE DATE, BELOW.
- TOOL = GTC-E-951 1/2 CAL DUE DATE 08/05
GTC-E-944 CAL DUE DATE 08/05

DATE	QTY	REMARKS
06/04/05	1	
6.625	1	WITNESS TORQUE

STATUS
Byf (1288)
LAT TO QA



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

- PROCESS ASSY PER CAA STEP 7.

DATE	QTY	REMARKS
06/06/05	1	

STATUS
Byf (1288)



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

- PROCESS ASSY PER CAA STEP 8.
 - ALERT SLAC CAR TO WITNESS TORQUE PROCESS.--
 - RECORD ASSIGNED TOOL# USED, AND CAL DUE DATE, BELOW.
- TOOL = GTC-E-951 1/2 CAL DUE DATE 08/05
GTC-E-944 CAL DUE DATE 08/05

DATE	QTY	REMARKS
06/04/05	1	
6.6.05		WITNESS TORQUE

STATUS
Byf (1288)

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 4

ASSY/PN# 147-05-01432
ASSY. GLAST, DAO, TFS

WC# 113215
RPO DATE 05-06-05
RPL DATE 04-20-05
SO# F17310
PO# 0000042800

CUST PN
QTY 1
PROJECT# P17100
CUST# 15356

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



9 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
STAKE BOLT HEADS & CCA

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

ADHSV 0151. GTC PO# 31403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START- 06/06/05 2:00 PM STOP- 4:00 PM

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



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

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

ADHSV 0151. GTC PO# 31403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START- 06/06/05 2:00 PM STOP- 4:00 PM

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



11 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
STAKE JO CABLE TIES

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

ADHSV 0151. GTC PO# 31403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START- 06/06/05 2:00 PM STOP- 4:00 PM

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

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 5

ASSY/P/N: LAT-DS-01491
ASSY GLAST. DAQ. TFS

WO# 113015
REQ. DATE 05-06-05
DEL. DATE 04-09-05
JOB # 7-7300
PC# 0000048800

CUST. P#
CITY
PROJECT# W17300
CUST# 45388

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



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

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

ADHSV 0151, QTC PO# 31403 EXPIRATION DATE 01/31/07

UVR# DATE/TIME, START- STOP-

DATE	QTY	REMARKS	STATUS
<u>04/06/05</u>	<u>1</u>		<u>Sup(1288)</u>



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

- PROCESS ASSY PER CAA STEP 13.

DATE	QTY	REMARKS	STATUS
<u>04/07/05</u>	<u>1</u>		<u>Sup(1288)</u>



14 291 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
QFE. SLDK-3 ASSY-237

- PROCESS ASSY PER CAA STEP 14.
- RECORD DEFECT REPORT NO. IF APPLICABLE

DATE	QTY	REMARKS	STATUS
<u>6/7/05</u>	<u>1</u>		<u>(10)</u> <u>(10)</u>



15 240 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
EXAMINE ASSY PRE-CLOSE

- PROCESS ASSY PER CAA STEP 15.
- RECORD DEFECT REPORT NO. IF APPLICABLE:

DATE	QTY	REMARKS	STATUS
<u>6/7/05</u>	<u>1</u>	<u>GLAT 1823</u>	

WORK CELL: 1-BIG ROCKER

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 6

ASSY/VN# LAT-26-01461
ASSY: GLAST, PAQ, 713

WOB 113215
RNO DATE 08-04-05
RNO DATE 04-08-05
P17300
0000048800

CUST #
QTY 1
PROJECT# P17300
CUST# 15115

L1# DEPT MACH# OP# DESCRIPTION SET-UP RUN... HOURS
LINE-MACH ST-LOT



16 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
INSTALL LID

* PROCESS ASSY PER CAA STEP 15.

DATE	QTY	REMARKS	STATUS
06/07/05	1		Buy (1200)



17 210 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-E951 1/2 CAL DUE DATE 08/05
GTC-B 944 CAL DUE DATE 08/05

DATE	QTY	REMARKS	STATUS
06/07/05	1		Buy (200)
6.705	1	WITNESS TORQUE	



18 290 00 QUALITY ASSURANCE AREA 0.0000 0.5000 0.0000
OP#: SLD8-0 ASSY-04

* PROCESS ASSY PER CAA STEP 13.

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
6/7/05	1		

WORK CELL: 1-DIG RUNNER

CUSTOMER: SLAC

1- PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 7

ASSY/PW: LAT DS-01482
ASSY, SLAST, DAQ, TPS

WCR 113215
REQ DATE 05-06-05
REQ DATE 04-06-05
SOL# 7173000
PO# 0000148800

CUST #
QTY 1
PROJECT# P17300
CUST# 15336

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



19 110 00 CCA/BLACK BOX ASSY AREA
STAKE BOLT HEADS 0.0000 0.0000 0.0000

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

ADMSV 0151; GTC PC# 31403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START- 06/07/05 10:00 AM STOP- 12:00 (NOON)

DATE	QTY	REMARKS	STATUS
<u>06/07/05</u>	<u>1</u>		<u>Exp(1288)</u>



20 100 00 QUALITY ASSURANCE AREA
LFE: SLDR-3 ASSY-40 0.0000 0.0000 0.0000

- * PROCESS ASSY PER CAA STEP 20.

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
<u>6/7/05</u>	<u>1</u>		



31 000 00 SOURCE INSPECTION
CUSTOMER SOURCE INSP 0.0000 0.0000 0.0000

- * PROCESS ASSY PER CAA STEP 21.

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
<u>6.7.05</u>	<u>1</u>	<u>GLAT: 823</u>	



***** TRAVELLER REVISION HISTORY RECORD *****
 CREATED BY: PC# ASSY REV: DATE:
 MERVIN 88 042505
 REV# CHG# CHG#
 001 001 001 CHANGE DETAIL

 00 01R 042505 RELEASED AT REV 00. AND CAA AT REV *.

*****END OF TRAVELLER REVISION RECORD*****

WIPY # LAT-DS-01492
PLANTY # 1
LOCATION: M02

BY LINE ITEM

EFFECTIVITY DATE: 05-01-05
RELEASE DATE: 04-01-05
DATE PRINTED: 03-17-05

DATE PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UOM	REQUIRED QUANTITY	CURR STATUS	STAT QUANTITY	ASSY IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL
1	LAT-DS-00996 SAS BOX, #8 ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	121225	SKCPS FN-1	121225	14.00 09-30-07 SLAC PULLED
2	LAT-DS-00996 SAS BOX, #8 ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	121224	SKCPS FN-2	121224	14.00 09-30-07 SLAC PULLED
3	LAT-DS-01492 SAS BOX, #8 ORIGINAL QUANTITY...	EA	1.00	RD	1.00		SKCPS FN-1		0.00 PULLED
4	WAS15014-4 SAS BOX, #8 ORIGINAL QUANTITY...	EA	30.00	RSVD	10.00	115013	SKCPS FN-4	115013 WAS 10 EA. PULLED	30.00 09-27-04 LOT 115 PULLED
							SKCPS FN-4	115013 WAS 10 EA. PULLED	100.00 04-13-05 IN ASSY
5	WAS11004 WASHER FLAT #8 1.5"ID. 2 ORIGINAL QUANTITY...	EA	32.00	RD	12.00		SKCPS FN-5		0.00 WAS FN-6, 30 EA PULLED
6	WAS1502W4-4 SAS BOX, #8 ORIGINAL QUANTITY...	EA	20.00	RSVD	20.00	115019	SKCPS FN-6	115019 WAS FN-8, 22 EA. PULLED	20.00 09-27-04 #17320 PULLED
							SKCPS FN-6	120106 WAS FN-8, 22 EA. PULLED	64.00 12-16-04 IN ASSY
7	WAS11004 WASHER FLAT #8 1.5"ID. 2 ORIGINAL QUANTITY...	EA	1.00	RD	1.00		SKCPS FN-7		0.00 (WAS FN-9) PULLED
8	WAS11004 WASHER FLAT #8 1.5"ID. 2 ORIGINAL QUANTITY...	EA	1.00	RD	1.00		SKCPS FN-8		0.00 (WAS FN-10) PULLED
9	WAS11004 WASHER FLAT #8 1.5"ID. 2 ORIGINAL QUANTITY...	EA	5.00	RD	5.00		SKCPS FN-9		0.00 (WAS FN-14) PULLED
10	WAS11004 WASHER FLAT #8 1.5"ID. 2 ORIGINAL QUANTITY...	EA	4.00	RD	4.00		SKCPS FN-10		0.00 PULLED
11	WAS11004 WASHER FLAT #8 1.5"ID. 2 ORIGINAL QUANTITY...	EA	0.01	RD	0.01		SKCPS FN-11		0.00 WAS FN 12 PULLED
12	LAT-DS-00996 SAS BOX, #8 ORIGINAL QUANTITY...	EA	1.00	RD	1.00		SKCPS FN-12		0.00 PULLED

ORDER # 113218

NEW

WORK ORDER PICK LIST

PAGE: 1

ASSEMBLY # 147-08 01482
NO QUANTITY
WIP LOCATION: 501

BY LINE ITEM

WIP LOCATION DATE: 08-08-00
RELEASE DATE: 08-08-00
DATE PRINTED: 08-08-00

DATE FILLED:

FILLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		REQD IN	LOT #	INVLOC NUMBER	INVENTORY DETAIL						
			QUANTITY	STATUS				LOT	QUANTITY	LOT	DATE	BIN	QUANTITY	
1	8701-08 0440 WAGPOST, M.P. 147X.18X.21 ORIGINAL QUANTITY...	EA	2.00	80	2.00		SKCPD FN-11		0.00					

[Handwritten signature]

WORK CELL: 4-MIXED

CUSTOMER- SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

ACQY/ENR LAT-05-02338
C/A SLAST. TPS

WOB 112088
REQ DATE 02-10-05
REL DATE 12-01-04
SOP
PO# 0000048801

CUST ID
PROJECT# 117300
CUST# 18338

SERIAL NUMBER ***** APPROVAL *****
GT115 GLAT1785 PROD: GLA 2/10/05
DA/PM 2/10/05

WORKMANSHIP *****
IPC/ISA-J-STD-001C (CLASS 3) WITH "CS" SPACE SUPPLEMENT
SLAC QAR MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE
OF ANY STEP OF THE TRAVELER/WORK ORDER SLAC QAR MAY
INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP
*GLR 01 07 05*****

LINE ITEM MACH# QTY DESCRIPTION..... SET-OF ACQY... LINE-MATCH ST:LOT



1 2 00 CONFIG RECORD/KITTING 2.0000 0.0000 0.0000
CONFIG

***** CONFIGURATION DOCUMENTS *****
ASSY DWG: DOCUMENT NUMBER REV FD/ST OUTSTANDING EQ'S
BOM PL: LAT-10-023110 25B NONE
CUST SCH: LAT-10-023111 15 NONE
ESS TEST: N/A 13 NONE
ASSY AID: LAT-05-02322 (RELEASED PER EC 2092)
CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)
***** BUILD DOCUMENTS *****
USE WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS.
*REV'D/PREP'D BY: GK (DATE)DATE: 02-07-05*****

SAB 4-28-05

DATE QTY REMARKS STATUS
None --- --- ---



2 001 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000
KIT PARTS

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

DATE QTY REMARKS STATUS
None --- --- ---



WORK CELL: 4-MIXED

CUSTOMER: SLAM

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

AGG/FIN# LAT-DS-00000
CCA, GLAST, TFS

WO# 112068
REQ DATE 01-10-05
SPL DATE 12-01-04
JOB#
PC# 0000048800

COST #
QTY
PROJECT# 1
CUST# 15358

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



3 210 00 CCA/BLACK BOX ASSY AREA
MARK GTC SN 0.0000 0.0000 0.0000

PROCESS PER CAA STEP 3.

DATE	QTY	REMARKS	STATUS
2/1/05	1		OK 1258



4 212 00 SMT ASSY LINE
P21-SMT BAKENUT 0.0000 0.0000 0.0000

PROCESS PER CAA STEP 4

RECORD BAKE DATE-TIME START/STOP BELOW:

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

DATE	QTY	REMARKS	STATUS
2/11/05	1		OK



5 213 00 SMT ASSY LINE
STENCIL BOTTOM SIDE 0.0000 0.0000 0.0000

PROCESS PER CAA STEP 5

RECORD SOLDER PASTE DATA BELOW:

GTC POP: 21728 EXPIRATION DATE: 7-14-05

DATE	QTY	REMARKS	STATUS
2/17/05	1		OK 1511



6 211 00 SMT ASSY LINE
PICK-N-PLACE PARTS 0.0000 0.0000 0.0000

PROCESS PER CAA STEP 6

DATE	QTY	REMARKS	STATUS
2/17/05	1		OK

218 = .0077 2122 = .0074
 219 = .0078 2134 = .0074
 210 = .0076
 211 = .0074
 212 = .0077
 213 = .0076
 214 = .0078
 215 = .0078

Solder Paste Data
 Sum = .0076
 Avg = .0076
 Range = .0005

Mess: [unclear]
 taken By:
 ME [unclear]
 2/17/05

WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

CAA / PMS LPT-DS-02399
GLAST. TRS

WOB # 112068
REL. DATE 12-10-05
REL. DATE 12-01-04
PC# 0000048800

CUST ID
QTY
PROJECT# 017100
CUST# 13356

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



113 00 SMT ASSY LINE
SOLDER ASFLOW 0.0000 0.0000 0.0000

PROCESS PER CAA STEP 7

DATE	QTY	REMARKS	STATUS
2/1/05			PF



113 00 SMT ASSY LINE
ADJUSERS CLEAN 0.0000 0.0000 0.0000

PROCESS PER CAA STEP 8

DATE	QTY	REMARKS	STATUS
2/1/05			PF



113 00 QUALITY ASSURANCE AREA
SFD SLDR-1256 ASSY-1645 0.0000 0.0000 0.0000

PROCESS PER CAA STEP 9

RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

DRR#(S)

DATE	QTY	REMARKS	STATUS
2/1/05	1		



113 00 SMT ASSY LINE
SOLDER PASTE STENCIL
TOP SIDE 0.0000 0.0000 0.0000

PROCESS PER CAA STEP 10

RECORD SOLDER PASTE DATA BELOW

STC NO: 31723 EXPIRATION DATE: 1-14-05

DATE	QTY	REMARKS	STATUS
2/1/05	1		144 120

2.5 - .0072
 2.000 - .0072
 1.001 - .0073
 1.551 - .0073
 0.500 - .0073
 0.160 - .0075

Solder Paste Data Top Side
 Sum = .0443
 Avg = .0073
 Range = .0007

Measurements Taken
 By:
 MR 1866
 2/18/05

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 4

WPN# 1AT-DS-02399
C.A. GLAST, TFS

WOP# 122068
REQ DATE 02-10-08
REL DATE 12-21-04
RCS#
PCS# 0000048800

CUST #
QTY 2
PROJECT # P17100
CSC# 15354

11: DEPT MACH# 09: DESCRIPTION..... H O U R S
SET-UP RUN... 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
2/12/05	1	TP-11	TTT



12 217 00 SMT ASSY LINE SOLDER REFLOW 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 12.

DATE	QTY	REMARKS	STATUS
2/18/05	1		TBT



13 219 00 SMT ASSY LINE AQUEOUS CLEAN 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 13.

DATE	QTY	REMARKS	STATUS
2-18-05	1		TBT



14 290 00 QUALITY ASSURANCE AREA OFD: 610R-1421 ASSY-796 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 14.

** RECORD DEPT RECORD REPORT NUMBER(S) BELOW

ERR#(S) 29627

DATE	QTY	REMARKS	STATUS
2-23-05	1	Post reflow test "good"	STAT/OTC

* Drawing DS00 DS40 DS05, DS05⁰⁴ & DS05⁰⁵ wrong PCB Q599, Q699 of size 07

03/11/05 filled DS00 & DS05 shot
 BYP 03/11/05 3/2/05

03/11/05 Installed Q599 & Q699
 BYP 03/11/05 3/12/05

WORK CELL: 4-MIXED

CUSTOMER: GLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

WIP: 0
L.A. LAST: TFS

WOB: 112048
REQ DATE: 12-10-05
REL DATE: 12-01-04
SOP
PO#: 0000048800

CUST #
QTY: 1
PROJECTS: 217300
CURTS: 15356

PAGE 3

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



15 210 00 CCA/BLACK BOX ASSY AREA 0 0000 0 0000 0.0000
FIN TRAO-HOLE PARTS

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

Strip wires 3 15-25 IN D
 3-15-05 35 inspect stripav wires
 3/12/05 35 inspect of the wires

DARR (S)

DATE	QTY	REMARKS	STATUS
3/12/05	1	Trim leads	SM1263
3/14/05		Trimmed leads	me 1098



16 210 00 CCA/BLACK BOX ASSY AREA 0 0000 0 0000 0.0000
MICH ASSY - MTSNKS/VRS

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

DATE	QTY	REMARKS	STATUS
04/01/05	1		GTC 122PE BYP



17 210 00 CCA/BLACK BOX ASSY AREA 0 0000 0 0000 0.0000
TERMINATE VRS

- * PROCESS PER CAA STEP 17.
- DATE QTY REMARKS STATUS
- 03/22/05 5 Stripped & tinned wires
- 04/01/05 1 terminated wires at VRS.

← Special In-process
 QA Examination of
 wires
 ME 4-7-05
 Inspected wires in VRS 3/22/05

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 6

WIP# 12068
C.A. GLASS, 788

WIP# 12068
REQ DATE 01-10-05
REL DATE 12-01-04
SOP#
PO# 0000048800

CUST Pa
CITY 1
PROJECT# 817300
CUST# 15356

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



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

* PROCESS PER CAA STEP 18

DATE	QTY	REMARKS	STATUS

moved to install + solder TO STEP 26 ME 3-7-05



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

* PROCESS PER CAA STEP 19

DATE	QTY	REMARKS	STATUS
04/02/05	1	installed wires	WIP Buy



* 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OP# SLOR-70 ASSY-41

* PROCESS PER CAA STEP 20.

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

ERR#(S):

DATE	QTY	REMARKS	STATUS
4/2/05	1		



21 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
VECM ASSY-BOTTOM ICS

* PROCESS PER CAA STEP 21.

* RECORD ADHESIVE DATA BELOW:

SOC PO# 31450 EXPIRATION DATE 05/17/05

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

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

DATE	QTY	REMARKS	STATUS
04/2/05	1		WIP Buy

WORK CELL: 4-MIXED

CUSTOMER: ALAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 7

CAA# LAT-06-02388
CAA# CAAST-199

W# 111068
DATE 02-10-05
W# 111068
DATE 12-01-04
JOB#
JOB# 0000048800

CUST #
QTY
PROJECT# 111300
CUST# 10000

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



22 010 00 CCA/BLACK BOX ASSY AREA
INSTALL/SOLDER WIRES-ICE 0.0000 0.0000 0.0000

PROCESS PER CAA STEP 22.

DATE	QTY	REMARKS	STATUS
04/14/05	1	soldered wires	Byf



23 010 00 QUALITY ASSURANCE AREA
OP# SLDR-35 ASSY-20 0.0000 0.0000 0.0000

PROCESS PER CAA STEP 23.

RECORD DEFECT RECORD REPORT NUMBER(S) BELOW.

DR# S#

DATE	QTY	REMARKS	STATUS
4/14/05	1		Byf



24 010 00 CCA/BLACK BOX ASSY AREA
INSTALL/SOLDER Q504 Q604 0.0000 0.0000 0.0000

PROCESS PER CAA STEP 24.

RECORD ADHESIVE DATA BELOW:

GTC PO# 31450 EXPIRATION DATE 05/17/05

DATE	QTY	REMARKS	STATUS
04/14/05	1	installed Q504 & Q604.	Byf



25 010 00 CCA/BLACK BOX ASSY AREA
INSTALL/SOLDER CAPS 0.0000 0.0000 0.0000

PROCESS PER CAA STEP 25.

DATE	QTY	REMARKS	STATUS
3/16/05	1	Prep CAPS	SC-1587
04/15/05	1	installed & soldered caps	Byf

WORK CELL: 4-MIXED

CUSTOMER: FIAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 6

WIP# LAT-US-00185
CAA: 03ACT, 126

WOB 112388
RPO 03-10-05
REL. DATE 12-01-04
SUN
PC# 0000048800

CUST PR
QTY
PROCESS # 17300
COST# 18356

LINE DEPT MACH# OP# DESCRIPTION..... SET-UP RUN HOURS LINE-MACH ST-100



26 010 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
INSTALL/SOLDER P. R. T

* PROCESS PER CAA STEP 26. *R1 + R2 ME 4-5-07*

DATE QTY REMARKS STATUS
04/15/05 1 installed & soldered *(676) Byp*



27 090 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
CPE: RLD-76 ASSY-38

* PROCESS PER CAA STEP 27.
** RECORD DEFECT RECORD REPORT NUMBER(S) BELOW.

CDRR#(S) _____
DATE QTY REMARKS STATUS
4/15/05 1 *(676) Byp*



28 045 00 SFA ICT 0.0000 0.0000 0.0000
SFA TEST

* PROCESS PER CAA STEP 28.
** RECORD TEST DEFECT RECORD REPORT NUMBER(S) BELOW.

CDRR#(S) *24113*
DATE QTY REMARKS STATUS
04/15/05 1 SN: 67115 *failed*
04/16/05 1 67115; Gary Ponce authorized that *passed*
the assembly be tested without JES *0685*



29 010 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
INSTALL/SOLDER IF CABLE
SOLDER 177-ROW 1-CHECK
SOLDER 177-ROW 2-CHECK

* PROCESS PER CAA STEP 29. *4/19/05* *4/19/05* *ME 3-11-05* *4/19/05*

DATE QTY REMARKS STATUS
04/19/05 1 soldered Row # 1. (676) Byp
04/19/05 1 soldered Row # 2. (1200) Byp
04/19/05 1 soldered Row # 3. (676) Byp

WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 9

PN# 124-115-02388
SLAS7, 795

MO# 110048
REQ DATE 03-10-05
REL DATE 12-31-04
SC#
PC# 0000048500

CUST P#
QTY 1
PROJECT# 917300
LIST# 10300

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



30 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
INSTALL/SOLDER O/P CABLE
SLDR O/P-ROW 1-CHECK 04-20-05 imp.
SLDR O/P-ROW 3-CHECK 4-20-05
SLDR O/P-ROW 3-CHECK 4/20/05
SLDR O/P-ROW 4-CHECK 4/20/05

PROCESS PER CAA STEP 30

DATE	QTY	REMARKS	STATUS
04/20/05	1	soldered Row #1	100% P.Y.F
04/20/05	1	soldered Row #2	Byt
04/20/05	1	soldered Row #3	Byt
04/20/05	1	soldered Row #4	Byt



31 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OP# SLDR-96 ASSY-107

PROCESS PER CAA STEP 31

RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

ERR#(S)

DATE	QTY	REMARKS	STATUS
4/20/05	1		



32 317 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
HANDS CLEAN

PROCESS PER CAA STEP 32

DATE	QTY	REMARKS	STATUS
4/22/05	1	Washed	me(337)

WORK CELL: 4 RED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 10

1/ENR LAT-DS-02388
QUAL. DIAGN. 175

WOB 112008
REQ. DATE 12-10-05
REL. DATE 12-01-04
SQT
PO# 0000048800

CUST #
QTY 1
PROJECT# 713300
COST# 10350

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



13 150 11 COATING/POTTING AREA 0.0000 0.0000 0.0000
POI WITH RTV - CABLE
DCI-1104

PROCESS PER CAA STEP 13.

DCI-1104 UTC FOR 31695 EXPIRATION DATE 8/21/05

ADHESIVE 0151 APPLICATION FOR CURE DATA.

DATE	QTY	REMARKS	STATUS
<u>1/4/05</u>	<u>1</u>		<u>P.O. 1946</u>



14 010 10 OCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
SCALE WITH RTV - VRS
DCI-1104

PROCESS PER CAA STEP 14 ME 3-14-05

RECORD DEFECT RECORD REPORT NUMBERS BELOW.

- RTV DCI-1104 PC# 31695 EXP DATE 8-21-05

DATE	QTY	REMARKS	STATUS
<u>2/4/05</u>	<u>1</u>		<u>P.O. 1946</u>



15 010 10 OCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
SCALING/STAKING ICS

CA PER CAA STEP 15 ME 3-14-05

PC# 31695 8-21-05 ME 3-14-05

DATE	QTY	REMARKS	STATUS
<u>1/01</u>	<u>1</u>		<u>P.O. 1946</u>

RTI
DCI
ICL
H
3

WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

CA/BLACK BOX ASSY AREA

NO 112068
DATE 02-11-05
DATE 12-01-04
CUST #
PROJECT # 1
CUST # 0000048800

PAGE 11

CA/BLACK BOX ASSY AREA
CA/BLACK BOX ASSY AREA
CA/BLACK BOX ASSY AREA

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



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

* PROCESS PER CAA STEP 36.

ADHESIVE 0151, GTC PO# 31403 EXPIRATION DATE 1-31-07

CURE DATE 5/4/05 START 12:30 PM STOP 2:30 PM

DATE... QTY... REMARKS..... STATUS
5/4/05 1 P.O. 1946



37 210 00 CA/BLACK BOX ASSY AREA
INSTALL/STAKE SUPPORTS 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 37.

ADHESIVE 0151, GTC PO# 31403 EXPIRATION DATE 1-31-07

CURE DATE 5/4/05 START 12:30 PM STOP 2:30 PM

DATE... QTY... REMARKS..... STATUS
5/4/05 1 P.O. 1946



38 210 00 CA/BLACK BOX ASSY AREA
STAKE COMPONENTS - C550,
C650, F2-F5 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 38.

ADHESIVE 0151, GTC PO# 31403 EXPIRATION DATE 1-31-07

CURE DATE 5/4/05 START 12:30 PM STOP 2:30 PM

DATE... QTY... REMARKS..... STATUS
5/4/05 1 P.O. 1946

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

WIP# LAT-US-02399
L.A. GLAST. TFS

W# 112088
DATE 02-10-05
DATE 12-01-04
PC# 0000048800

CUST P#
QTY
PROJECT#
CUST#

PAGE 13

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



39 210 00 CCA/BLACK BOX ASSY AREA
STAKE INDUCTORS 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 39.

ADHESIVE 0151, GTC PO# 31403 EXPIRATION DATE 1-31-07

CURE DATE 5/4/05 START 12:30PM STOP 2:30PM.

DATE QTY REMARKS STATUS
5/4/05 1 P.D. 1946



40 210 00 CCA/BLACK BOX ASSY AREA
STAKE CAPACITORS 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 40

AND R22 R1, R2 RTR 4-28-05

ADHESIVE 0151, GTC PO# 31403 EXPIRATION DATE 1-31-07

CURE DATE 5/4/05 START 12:30PM STOP 2:30PM.

DATE QTY REMARKS STATUS
5/4/05 1 P.D. 1946



41 200 00 QUALITY ASSURANCE AREA
CPR: SLD-C ASSY-87 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 41.

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

DRK#(S)

DATE QTY REMARKS STATUS
5/5/05 1

05/06/05 filled shortage of
DSOS & DG05. 05/06/05
E/05

WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NZK

PAGE 13

CA# / EN# LAT-US-02388
CIA: GLAST, TPS

WCH 112068
REQ DATE 02-10-05
REL DATE 11-01-04
SOW
PC# 0000048900

CUST #
QTY 1
PROJECTS P17300
CUST# 15356

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



42 280 00 SOURCE INSPECTION
SLAC QAR INSPECTION - MIP 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 42.
SOW MANDATORY INSPECTION POINT - MIP!

DATE QTY REMARKS..... STATUS
5-6-05 1 GLAT 1785



43 295 00 PACKAGING/SHIPPING INSP
PACKAGE & SHIP CCA FOR
TEST @ CUSTOMER. 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 43.

DATE QTY REMARKS..... STATUS
5-17-05 1

STATUS
JRE



44 290 00 QUALITY ASSURANCE AREA
RECEIVING INSPECTION 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 44.

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

DRR#(S)

DATE QTY REMARKS..... STATUS
5/16/05 1



45 280 00 SOURCE INSPECTION
SLAC QAR PER-COOL INSP
MANDATORY INSPECTION
POINT (BEST POINT) 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 45.

DATE QTY REMARKS..... STATUS
6-1-05 1 GLAT 1785



WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

/FN# LAT-DS-02399
CAA: GLAST, TPS

NO# 112069
REQ DATE 02-13-05
REL DATE 12-01-04
CO#
PO# 0000048800

CUST #
QTY 1
PROJECT# F17300
CUST# 18354

PAGE 14

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



46 210 00 CCA/BLACK BOX ASSY AREA
HAND CLEAN AND TEST
THE CLEANLINESS OF CCA.
ATTACH RESULTS REPORT TO
THE TRAVELER/NO.

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

DATE	QTY	REMARKS	STATUS
6/3/05	1		mm-108
6/02/05	1	Cleanliness	2/20



47 290 00 QUALITY ASSURANCE AREA
OP# SLD8-0 ASSY-7

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

DEF(S) _____

DATE	QTY	REMARKS	STATUS
6/2/05	1		



48 260 00 COATING/POTTING AREA
BAKE-OFF AND MASK

- * PROCESS CAA PER CAA STEP 48.
- RECORD BAKE DATE-TIME START/STOP BELOW:
- BAKE DATE: 6/02/05 START: 3:05pm STOP: 4:20

DATE	QTY	REMARKS	STATUS
6/02/05	1	UNMASK/BAKE COAT	SPR DU

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 15

/DIN LAT-DS-02388
C.M. CLAST, TFS

WORK ORDER # 112058
DATE 02-10-05
WORK ORDER # 12-01-04
JOB # 0000048800

COST #
QTY
PROJECT # 217000
CUST # 152000

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 PG# 31201 EXPIRATION DATE 6/30/05
AIR CURE DATE 6/2/05 START 7:00PM STOP 6:30AM 6/3/05

DATE	QTY	REMARKS	STATUS
<u>6/2/05</u>	<u>1</u>	<u>LOA</u>	<u>OK</u>



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

* PROCESS CAA PER CAA STEP 50.

OVEN CURE DATE 6/3/05 START 6:30AM STOP 7:35
OVEN CURE DATE 6-3-05 START 8:15 STOP 9:15

DATE	QTY	REMARKS	STATUS
<u>6-3-05</u>	<u>1</u>		<u>OK</u>



51 250 00 QUALITY ASSURANCE AREA CPE: SLAC-0 ASSY-7 0.0000 0.0000 0.0000

* PROCESS CAA PER CAA STEP 51.

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

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

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

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 16

W/S# LAT-DS-02388
W/S# GLAST, TPS

WOB 112055
REQ DATE 02-10-05
REL DATE 12-01-04
SCH
PC# 0000048800

CUST Pa
QTY 1
PROCESSED \$11100
COST# 10000

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



02 190 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
CSI

* PROCESS QAR PER CAA STEP 53.
NOTE: NEXT ASSEMBLY IS LAT-DS-01482.

DATE..... QTY.. REMARKS..... STATUS
6.6.05..... GLAT 1785
.....
.....



*SERIAL NUMBER*APPROVAL:***

.....
PRIC _____/_____
QA. _____/_____

*MEMBERSHIP.....
IPC/ETA-J-STD-001C CLASS 3; WITH 'CS' SPACE SUPPLEMENT
SLAC QAR MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE
OF ANY STEP OF THE TRAVELER/WORK ORDER. SLAC QAR MAY
INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP.
gh 02 05 05.....

ASSEMBLY # : LAT-DS-02388
QUANTITY :
LOCATION: W02

BY LINE ITEM

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

DATE FULFILLED: _____

FULFILLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RESV IN LOT #	INVLOC NUMBER	INVENTORY DETAIL		
			REQUIRED QUANTITY	CURR STATUS			LOT	LOT DATE	BIN
1	LAT-DS-02389 PWB, CLAST, TPS ORIGINAL QUANTITY...	EA	1.00			SK2 FN-D1	0.00		
			RSVD	1.00	120305	SKCF2	15.00	09-11-07	
2	LAT-DS-02830-01 ASSY, CABLE, TPS I/O ORIGINAL QUANTITY...	EA	1.00	BO	1.00	SK2 FN-(D2) 17 J2	0.00		
						SKCF2	0.00		
3	LAT-DS-02469 HEAT SINK, TPS ORIGINAL QUANTITY...	EA	4.00			SK2 FN-D3	0.00		
			RSVD	4.00	115014	SKCF2	60.00	06-23-07	
4	LAT-DS-02831-01 ASSY, CABLE, TPS O/P ORIGINAL QUANTITY...	EA	1.00	BO	1.00	SK2 FN-(D4) 18 J1	0.00		
						SKCF2	0.00		
	LAT-DS-02598 SUPPORT CABLE HARNESS ORIGINAL QUANTITY...	EA	2.00			SK2 FN-D21	0.00		
			RSVD	2.00	120308	SKCF2	23.00	09-11-07	IN ASSY
							14.00	09-27-04	PL7300
6	LAT-DS-05535 LABEL, SN ORIGINAL QUANTITY	EA	1.00	BO	1.00	SK2 FN-D22	0.00		
						SKCF2	0.00		
7	NAB1149CN432R WASHER ORIGINAL QUANTITY...	EA	4.00			SK2 FN-D5	5.00	07-31-01	A4F
			RSVD	4.00	115016	SKCF2	18.00	09-27-04	LOT 115
8	NAB67106 NUT, #6, SM, PAT ORIGINAL QUANTITY...	EA	19.00	RSVD	19.00	SK2 FN-6	545.00	02-02-05	

ASSEMBLY # : 1AT-DS-02388
QUANTITY : 1
LOCATION : W02

BY LINE ITEM

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

DATE FILLED: _____

FILLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	RESV IN	LOT #	INVLOC	NUMBER	INVENTORY DETAIL		
									LOT	LOT DATE	BIN
8	NAS67106 NUT, #6, SM, PAT Cont from prior page	EA	19.00				FN-6	117403 PULLED:	57.00	11-04-04	D2K
							FN-6	122960 PULLED:	910.00	02-02-05	
							FN-6	122980 PULLED:	500.00	02-03-05	
							FN-6	122987 PULLED:	500.00	02-02-05	
							SKCF2	44571 PULLED:	18.00	05-19-00	CF3D
								116770 PULLED:	423.00	10-28-04	
9	NAS1352N06-6 SCREW ORIGINAL QUANTITY...	EA	7.00 7.00				SK2 FN-D7		0.00		
				RSVD	7.00	115011	SKCF2	115011 PULLED:	121.00	09-27-04	
10	NAS1352N04-6 SCREW ORIGINAL QUANTITY...	EA	4.00 4.00				SK2 FN-D8		0.00		
				RSVD	4.00	114832	SKCF2	114832 PULLED:	524.00	09-23-04	LOT 115
								115012 PULLED:	712.00	09-27-04	IN ASSY
11	NAS1149CN632R WASHER ORIGINAL QUANTITY...	EA	19.00 19.00				SK2 FN-D9		0.00		
				RSVD	19.00	115010	SKCF2	115010 PULLED:	312.00	09-27-04	
12	NAS67104 NUT, HEX, SS, PASS, 4-40, THRD ORIGINAL QUANTITY...	EA	4.00 4.00	RSVD	4.00	122091	SK2 FN-D10		155.00	01-20-05	HW7
								122142 PULLED:	64.00	01-20-05	
								122180 PULLED:	250.00	01-21-05	
								123196 PULLED:	2000.00	02-04-05	
								123364 PULLED:	320.00	02-07-05	

115009

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

BY LINE ITEM

EFFECTIVITY DATE: 02-10-05
RELEASE DATE : 12-01-00
DATE PRINTED : 02-11-08

DATE PULLED: _____

PULLED BY: _____

LINE #	PART NUMBER AND DESCRIPTION	UNIT	REQUIREMENTS		RESV IN	INVLOC	LOT NUMBER	INVENTORY DETAIL				
			QUANTITY	STAT QUANTITY				QUANTITY	LOT DATE	BIN	LOC	QUANTITY
12	NAS671C4 NUT, HEX, SS, PASS, 4-40TRRD CONT FROM PRIOR PAGE.	EA	4.00			FN-D10	123397	610.00	02-07-05			
						FN-D10	123512	60.00	02-07-05			
						FN-D10	123521	155.00	02-07-05			
						FN-D10	123552	160.00	02-07-05			
						FN-D10	123691	700.00	02-07-05			
						SKCF2	115009	31.00	09-27-04	LOT 115		
13	CV-2046 RTV, NUSIL TECH ORIGINAL QUANTITY...	OZ	1.00	BO	1.00	SK2 FN-D11		0.00				
			1.00			SKCF2		0.00				
14	0151 ADHESIVE, HYSOL, 40Z KIT ORIGINAL QUANTITY...	OZ	1.00	BO	1.00	SK2 FN-D12		0.00				
			1.00			SKCF2		0.00				
15	BLT1M-C76 TIE, CABLE, LOCKING, PANDUIT ORIGINAL QUANTITY...	EA	5.00	BO	5.00	SK2 FN-D15		0.00				
			5.00			SKCF2		0.00				
16	5750 CONFORMAL COATING URELANE ORIGINAL QUANTITY...	OZ	1.00	BO	1.00	SK2 FN-D17		0.00				
			1.00			SKCF2		0.00				
17	DC6-1104 ADHESIVE ORIGINAL QUANTITY...	OZ	1.00	BO	1.00	SK2 FN-D18		0.00				
			1.00			SKCF2		0.00				
18	M22750/11-04-8 WIRE, 24AWG, WHITE ORIGINAL QUANTITY...	IN	1.00	MSVD	1.00	46190 FN-D19	46190	1050.00	09-16-00	SK2 R4		
			1.00									

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

BY LINE ITEM

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

DATE PULLED: _____

FULLED BY: _____

REQUIREMENTS				INVENTORY DETAIL						
LINE	DESCRIPTION	UM	QTY	STAT	RESV IN LOT #	INVLIN NUMBER	LOT QUANTITY	LOT DATE	BIN	QUANTITY
	WIRE, 24AWG, WHITE Cont from prior page.	IN				SKCF2 115299	17716.00	10-01-04	LOT1152	
19	LAT-DS-04101 HEATSINK ORIGINAL QUANTITY...	EA	2.00			SK2 FN-D20	0.00			
			2.00	RSVD	2.00 120304	SKCF2 120304	24.00	09-11-07		
20	88P461 IC FILTER ORIGINAL QUANTITY...	EA	1.00			SK2 FN-34 VRS	0.00			
			1.00	RSVD	1.00 114959	SKCF2 114959	17.00	09-27-04		
21	MAX7245CK IC ORIGINAL QUANTITY...	EA	7.00			SK2 FN-36 US U7 U8 U10 U15 U17 U18	0.00			
			7.00	RSVD	7.00 114961	SKCF2 114961	149.00	09-27-04		
22	5962R9663501VXC IC ORIGINAL QUANTITY...	EA	5.00			SK2 FN-35 U20 U559 U560 U659 U660	0.00			
			5.00	RSVD	5.00 120301	SKCF2 120301	55.00	12-16-04	DRY:10	
23	58R1040GTXY DIODE ORIGINAL QUANTITY...	EA	7.00			SK2 FN-19 D1 D2 D3 D4 D8 D19 D20	0.00			
			7.00	RSVD	7.00 114948	SKCF2 114948	210.00	09-27-04		
24	JANTXV1N4151UR-1 DIODE ORIGINAL QUANTITY...	EA	8.00			SK2 FN-20 D502 D503 D509 D599 D602 D603 D609 D699	0.00			
			8.00	RSVD	8.00 114949	SKCF2 114949	224.00	09-27-04		
25	JANTXV1N5800GUS DIODE 1N5800GUS ORIGINAL QUANTITY...	EA	8.00			SK2 FN-31 D501 D504 D507 D508 D601 D604 D607 D608	0.00			
			8.00	RSVD	8.00 114950	SKCF2 114950	125.00	09-27-04		
26	JANTXV1N648TUS DIODE ORIGINAL QUANTITY...	EA	6.00			SK2 FN-23 CR1 CR3 CR4 CR6 CR8 CR9	0.00			



WORK ORDER : 112066

(NEW)

WORK ORDER PICK LIST

PAGE: 5

ASSEMBLY # : LAT-08-02388
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	UM	REQUIRED QUANTITY	CURR STATUS	RESV IN LOT #	INVLOC	NUMBER	INVENTORY DETAIL		
								LOT QUANTITY	LOT DATE	BIN
11*	DIODE Cont from prior page.	EA	6.00	RSVD	114952	SKCF2	114952	149.00	09-27-04	
							PULLED:			
27	JANTXV1N41061R-1 DIODE ORIGINAL QUANTITY...	EA	4.00			SK2	FN-24 C85 D10 D505 D605	0.00		
				RSVD	114953	SKCF2	114953	61.00	09-27-04	
							PULLED:			
28	JANTXV1N4494US DIODE ORIGINAL QUANTITY...	EA	1.00			SK2	FN-26 D600	0.00		
				RSVD	114955	SKCF2	114955	14.00	09-27-04	
							PULLED:			
29	JANTXV1N6485UB DIODE ORIGINAL QUANTITY...	EA	1.00			SK2	FN-22 C83	0.00		
				RSVD	114951	SKCF2	114951	11.00	09-27-04	
							PULLED:			
30	JANTXV2N1439 TRANSISTOR ORIGINAL QUANTITY...	EA	4.00			SK2	FN-81 Q504 Q550 Q64 Q650	0.00		
				RSVD	115006	SKCF2	115006	42.00	09-27-04	
							PULLED:			
31	5962R9582602VXC IC ORIGINAL QUANTITY...	EA	6.00			SK2	FN-36 U1 U2 U21 U22 U561 U561	0.00		
				RSVD	120302	SKCF2	120302	34.00	12-16-04	DRY-10
							PULLED:			
32	CHR328X103BXUS CAP 0.010UF 150V 10% ORIGINAL QUANTITY ...	EA	22.00			SK1	FN-4 C1 C5 C9 C31 C33 C15 C17 C24 C62 C66 C73 C75 C110 C114 C15 C165 C505 C590 C592 C606 C696 C698	0.00		
				RSVD	114937	SKCF2	114937	535.00	09-27-04	
							PULLED:			
33	CHR39XC126XCB CAPACITOR ORIGINAL QUANTITY...	EA	4.00			SK2	FN-6 C550 C597 C650 C697	0.00		
				RSVD	114939	SKCF2	114939	108.00	09-27-04	
							PULLED:			
34	M38726/22-0567H CAPACITOR ORIGINAL QUANTITY ...	EA	30.00			SK1	FN-6 C1 C2 C3 C4 C11 C14 C38 C40 C46 C17 C18 C19 C20 C21 C22 C23 C24 C25 C26 C27 C28 C29 C30 C31 C32 C33 C34 C35 C36 C37 C38 C39 C40 C41 C42 C43 C44 C45 C46 C47 C48 C49 C50 C51	0.00		
							PULLED:			



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

BY LINE ITEM

EFFECTIVITY DATE: 02-10-05
RELEASE DATE : 03-01-04
DATE PRINTED : 02-11-06

DATE FILLED: _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS		INVLIN	LOT	INVENTORY DETAIL				
					STAT	RSVD IN			LOT	QUANTITY	LOT DATE	BIN	QUANTITY
	CAPACITOR Cont from prior page.	EA		RSVD	30.00	114941	SKCF2	114941	495.00	09-27-04			
								PULLED:					
35	12108553K0251YKTM CAPACITOR	EA	12.00				SK2		0.00				
	ORIGINAL QUANTITY...		12.00				FN-13 C601 C608 C610 C611 C614 C640 C601 C608 C610 C611 C614 C640						
				RSVD	12.00	114802	SKCF2	114802	932.00	09-23-04			
								PULLED:					
36	RX6005 FUSE	EA	2.00				SK2		0.00				
	ORIGINAL QUANTITY...		2.00				FN-39 F1 F1						
				RSVD	2.00	114957	SKCF2	114957	46.00	09-27-04			
								PULLED:					
37	5962L8771002VXA IC	EA	2.00				SK2		0.00				
	ORIGINAL QUANTITY...		2.00				FN-37 U604 U604						
				RSVD	2.00	114962	SKCF2	114962	45.00	09-27-04			
								PULLED:					
38	32196-31 INDUCTOR	EA	12.00				SK2		0.00				
	ORIGINAL QUANTITY...		12.00				FN-39 L1 L2 L3 L4 L5 L6 L7 L10 L11 L12 L13 L14						
				RSVD	12.00	114964	SKCF2	114964	215.00	09-27-04			
								PULLED:					
39	32763-31 INDUCTOR	EA	2.00				SK2		0.00				
	ORIGINAL QUANTITY...		2.00				FN-40 L601 L601						
				RSVD	2.00	114965	SKCF2	114965	185.00	09-27-04			
								PULLED:					
40	188M1597014 TRANSISTOR	EA	3.00				SK2		0.00				
	ORIGINAL QUANTITY...		3.00				FN-41 Q10 Q11 Q12						
				RSVD	3.00	114966	SKCF2	114966	97.00	09-27-04			
								PULLED:					
41	1020670103 TRICK FILM JUMPER	EA	15.00				SK2		0.00				
	ORIGINAL QUANTITY...		15.00				FN-42 R21 R24 R117 R514 R545 R616 R640 R22 R29 R30 R32 R37 R39 R100 R101 R102						
				RSVD	15.00	114817	SKCF2	114817	4615.00	09-23-04			
								PULLED:					
								PULLED:					
								PULLED:					

WORK ORDER : 112068

(NEW)

WORK ORDER PICK LIST

PAGE: 7

ACTIVITY # : IAT-DS-02388
JANITY : 1
LOCATION : W02

BY LINE ITEM

EFFECTIVITY DATE : 02-10-05
RELEASE DATE : 12-01-04
DATE PRINTED : 02-11-03

DATE PULLED: _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS		LOT	INVLOC NUMBER	INVENTORY DETAIL			
					RESV IN LOT #	STAT QUANTITY			LOT QUANTITY	LOT DATE	BINLOC	BIN QUANTITY
42	M55342K0981F00R RESISTOR ORIGINAL QUANTITY...	EA	2.00					SK2 FN-44 R580 R680 PULLED:	0.00			
			2.00	RSVD	2.00	114828	SKCF2	114828	44.00	09-23-04		
								PULLED:				
								114969	226.00	09-27-04		
								PULLED:				
43	M55342K0681E21R RESISTOR ORIGINAL QUANTITY...	EA	3.00					SK2 FN-46 R5 R8 R21 PULLED:	0.00			
			3.00	RSVD	3.00	114971	SKCF2	114971	148.00	09-27-04		
								PULLED:				
44	M55342K0681E17R RESISTOR ORIGINAL QUANTITY...	EA	4.00					SK2 FN-47 R25 R28 R51 R52 PULLED:	0.00			
			4.00	RSVD	4.00	114972	SKCF2	114972	151.00	09-27-04		
								PULLED:				
45	M55342K0681E00R RESISTOR, CHIP, 100W, 1% OH ORIGINAL QUANTITY...	EA	6.00	RSVD	6.00	91413	SK2 FN-48 R12 R41 R42 R43 R52 R53 PULLED:	100.00	09-30-03	860		
			6.00				SKCF2	114818	1235.00	09-27-04		
								PULLED:				
								114976	175.00	09-27-04		
								PULLED:				
46	M55342K0681F00R RESISTOR, CHIP, 100W, 1% OH ORIGINAL QUANTITY...	EA	6.00					SK2 FN-49 R506 R515 R556 R606 R615 R656 PULLED:	0.00			
			6.00	RSVD	6.00	114819	SKCF2	114819	830.00	09-27-04		
								PULLED:				
								114977	2.00	09-27-04		
								PULLED:				
47	M55342K0982E00R RES, CHIP, 2.00K, 1%, 72W ORIGINAL QUANTITY...	EA	1.00					SK2 FN-50 R230 PULLED:	0.00			
			1.00	RSVD	1.00	115091	SKCF2	115091	137.00	09-28-04		
								PULLED:				
48	M55342K0682E74R RESISTOR ORIGINAL QUANTITY...	EA	3.00					SK2 FN-22 R71 R75 R77 PULLED:	0.00			
			3.00	RSVD	3.00	114980	SKCF2	114980	75.00	09-27-04		
								PULLED:				

ASSEMBLY # : LAT-DR-02388
QUANTITY : 1
LOCATION: R02

BY LINE ITEM

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

DATE PULLED: _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RESV IN LOT #	INVLOC NUMBER	INVENTORY DETAIL		
			REQUIRED QUANTITY	CURR STATUS			LOT	LOT DATE	BINLOC
49	M55342K0684E75R RESISTOR ORIGINAL QUANTITY...	EA	2.00			SK2 FN-53 R509 R609 PULLED:	0.00		S1CA
				RSVD	2.00 91324	SKCF2 91324 PULLED:	67.00	09-24-03	CP2C
						114981 PULLED:	488.00	09-27-04	
50	M55342K0685R62R RESISTOR ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00 114980	SK2 119010 FN-56 R14 PULLED:	25.00	11-30-04	S7E
						SKCF2 114984 PULLED:	144.00	09-27-04	
51	M55342K0689B25R RESISTOR ORIGINAL QUANTITY...	EA	2.00			SK2 84080 FN-57 R3 R10 PULLED:	12.00	04-15-03	S9E
				RSVD	2.00 114985	SKCF2 114985 PULLED:	88.00	09-27-04	
52	M55342K06810E0R RESISTOR,CHIP,100W,10K 0 ORIGINAL QUANTITY...	EA	21.00			SK2 0.00 FN-59 R85 R86 R87 R502 R518 R522 R550 R561 R602 R616 R621 R620 R651 ZR24 ZR26 ZR03 ZR68 ZR95 ZR98 ZR97 ZR05 PULLED:			
				RSVD	21.00 114987	SKCF2 114987 PULLED:	657.00	09-27-04	
						114830 PULLED:	117.00	09-23-04	CP2C
						91324 PULLED:	58.00	09-24-03	
53	CDR04BX104AKUS CAP. 10UF,50V ORIGINAL QUANTITY...	EA	32.00			SK2 0.00 FN-2 C8 C9 C10 C12 C13 C14 C15 C16 C17 C18 C19 C20 C21 C22 C23 C24 C25 C26 C27 C28 C29 C30 C31 C32 C33 C34 C35 C36 C37 C38 C39 C40 C41 C42 C43 C44 C45 C46 C47 C48 C49 C50 C51 C52 C53 C54 C55 C56 C57 C58 C59 C60 C61 C62 C63 C64 C65 C66 C67 C68 C69 C70 C71 C72 C73 C74 C75 C76 C77 C78 C79 C80 C81 C82 C83 C84 C85 C86 C87 C88 C89 C90 C91 C92 C93 C94 C95 C96 C97 C98 C99 C100 PULLED:			
				RSVD	32.00 114935	SKCF2 114935 PULLED:	808.00	09-27-04	
54	CDR319X102BNUS CAPACITOR ORIGINAL QUANTITY...	EA	2.00			SK2 0.00 FN-3 C530 C630 PULLED:			
				RSVD	2.00 114936	SKCF2 114936 PULLED:	974.00	09-27-04	
55	CDR319X102BNUS CAPACITOR ORIGINAL QUANTITY...	EA	14.00			SK2 0.00 FN-3 C530 C630 PULLED:			
				RSVD	14.00 114938	SKCF2 114938 PULLED:	640.00	09-27-04	

ASSEMBLY # : LAT-06-00388
QUANTITY : 1
LOCATION : W02

BY LINE ITEM

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

DATE PULLED: _____

PULLED BY: _____

LT#	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RSVD IN LOT #	INVLOC NUMBER	INVENTORY DETAIL					
			REQUIRED QUANTITY	CURR STAT QUANTITY			LOT QUANTITY	LOT DATE	LOT LIFE	SIN	QUANTITY	
56	CDR318X223BKUS CAPACITOR ORIGINAL QUANTITY...	EA	4.00			SK2 FN-7 C603 C651 C603 C651	0.00					
			4.00		RSVD 4.00 114940	SKCF2 114940	4.00	09-27-04				
						PULLED:						
						PULLED:						
57	CDR318X471AKUS CAPACITOR ORIGINAL QUANTITY...	EA	7.00			SK2 FN-9 C6 C7 C12 C16 C63 C74 C77	0.00					
			7.00		RSVD 7.00 114799	SKCF2 114799	7.00	09-23-04				
						PULLED:						
						PULLED:						
						PULLED:						
58	CDR318P470BKUS CAPACITOR ORIGINAL QUANTITY...	EA	4.00			SK2 FN-10 C102 C512 C561 C661	0.00					
			4.00		RSVD 4.00 115090	SKCF2 115090	4.00	09-28-04				
						PULLED:						
						PULLED:						
59	CW809FC474KDS CAPACITOR ORIGINAL QUANTITY...	EA	89.00			SK2 FN-11 C1 C2 C3 C4 C5 C6 C7 C8 C9 C10 C11 C12 C13 C14 C15 C16 C17 C18 C19 C20 C21 C22 C23 C24 C25 C26 C27 C28 C29 C30 C31 C32 C33 C34 C35 C36 C37 C38 C39 C40 C41 C42 C43 C44 C45 C46 C47 C48 C49 C50 C51 C52 C53 C54 C55 C56 C57 C58 C59 C60 C61 C62 C63 C64 C65 C66 C67 C68 C69 C70 C71 C72 C73 C74 C75 C76 C77 C78 C79 C80 C81 C82 C83 C84 C85 C86 C87 C88 C89 C90 C91 C92 C93 C94 C95 C96 C97 C98 C99 C100	0.00					
			89.00		RSVD 89.00 114943	SKCF2 114943	89.00	09-27-04				
						PULLED:						
						PULLED:						
60	CDR318P101BKUS CAPACITOR ORIGINAL QUANTITY...	EA	4.00			SK2 FN-12 C221 C507 C507 C612	0.00					
			4.00		RSVD 4.00 114944	SKCF2 114944	4.00	09-27-04				
						PULLED:						
						PULLED:						
61	JANTXV1N4489FUS DIODE ORIGINAL QUANTITY...	EA	1.00			SK2 FN-25 D500	0.00					
			1.00		RSVD 1.00	SKCF2	1.00					
						PULLED:						
						PULLED:						
62	SKX110 FUSE, POLYCOND ORIGINAL QUANTITY...	EA	2.00			SK1 FN-33 F4 F5	0.00					
			2.00		RSVD 2.00 114958	SKCF2 114958	2.00	09-27-04				
						PULLED:						
						PULLED:						
63	RNP888200FR RESISTOR ORIGINAL QUANTITY...	EA	1.00			SK2 FN-43 R22	0.00					
			1.00			PULLED:						



WORK ORDER : 112068

[NEW]

WORK ORDER PICK LIST

PAGE: 10

ASSEMBLY # : LAT-DS-02388
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	UM	REQUIREMENTS			INVLOC	LOT NUMBER	INVENTORY DETAIL			
			REQUIRED QUANTITY	CURR STAT	RESV IN LOT #			LOT QUANTITY	LOT DATE	BINLOC	BIN QUANTITY
	RESISTOR Cont from prior page.	EA		RSVD	1.00	114968	SKCF2 114968	93.00	09-27-04		
							PULLED:				
64	M55342K0681B21R RESISTOR ORIGINAL QUANTITY...	EA	4.00				SK2 FN-45 R70 R51 R58 R61	0.00			
				RSVD	4.00	114970	SKCF2 114970	222.00	09-27-04		
							PULLED:				
65	M55342K0681B11R RESISTOR ORIGINAL QUANTITY...	EA	6.00				SK2 FN-01 R37 R40 R64 R65 R66 R67	0.00			
				RSVD	6.00	114979	SKCF2 114979	443.00	09-27-04		
							PULLED:				
66	M55342K09810FCR RESISTOR ORIGINAL QUANTITY...	EA	4.00				SK2 FN-60 R543 R544 R643 R644	0.00			
				RSVD	4.00	114820	SKCF2 114820	84.00	09-23-04		
							PULLED:				
							114988	212.00	09-27-04		
							PULLED:				
	M55342K06813E0R RESISTOR ORIGINAL QUANTITY...	EA	3.00				SK2 FN-61 R18 R35 R46	0.00			
				RSVD	3.00	114989	SKCF2 114989	122.00	09-27-04		
							PULLED:				
68	M55342K06815E0R RESISTOR, CHIP, 100W, 10K Ω ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	4372	SK2 4305 FN-02 R19	140.00	09-26-08	553	
							SKCF2 114990	83.00	09-27-04		
							PULLED:				
69	M55342K06818E2R RESISTOR ORIGINAL QUANTITY...	EA	2.00				SK2 FN-63 R231 R207	0.00			
				RSVD	2.00	114991	SKCF2 114991	132.00	09-27-04		
							PULLED:				
70	M55342K06820E0R RESISTOR, 10Kohms ORIGINAL QUANTITY...	EA	8.00	RSVD	8.00	1717	SK2 17105 FN-64 R603 R507 R510 R528 R603 R607 R610 R610	100.00	09-23-00	507	
							SK2 16971 FN-64 R505 R507 R510 R528 R603 R607 R610 R610	1.00	09-26-00		
							PULLED:				

114992

EMBL # : LAT-D9-02386
PLANT : 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	UM	REQUIREMENTS		RESV IN LOT #	INVLOC NUMBER	INVENTORY DETAIL						
			REQUIRED QUANTITY	CURR STATUS			LOT	LOT DATE	LOT LIFE	SIN	QUANTITY		
	RESISTOR, 20kohms Cont from prior page.	EA				SKCF2 114992		208.00	09-27-04				
						PULLED:							
71	M55342K09B22D1R RESISTOR ORIGINAL QUANTITY...	EA	1.00			SK2 FN-65 R511		0.00					
						PULLED:							
			RSVD	1.00	114993	SKCF2 114993		137.00	09-27-04				
						PULLED:							
72	M55142K06B12E1R RESISTOR ORIGINAL QUANTITY...	EA	5.00			SK2 FN-66 R512 R513 R514 R515 R516 R566 R612		33.00	12-15-00	550			
						PULLED:							
			RSVD	5.00	50591	SKCF2 50591		10.00	12-15-00	553			
						PULLED:							
						114994		272.00	09-27-04				
						PULLED:							
73	M55142K06B33E2R RESISTOR ORIGINAL QUANTITY...	EA	1.00			SK2 FN-67 R666		0.00					
						PULLED:							
			RSVD	1.00	114995	SKCF2 114995		14.00	09-27-04				
						PULLED:							
	M55142K06B19E9R RESISTOR, 19.9KOHMS ORIGINAL QUANTITY...	EA	6.00	RSVD	6.00	SK2 FN-69 R427 R428 R598 R599 R658 R659		323.00	03-31-02	515			
						PULLED:							
						SKCF2 114996		269.00	09-27-04				
						PULLED:							
75	M55342K06B61E9R RESISTOR ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	SK2 FN-69 R667		17.00	04-15-03	57H			
						PULLED:							
						SKCF2 114997		144.00	09-27-04				
						PULLED:							
76	M55342K06B100DR RESISTOR, CHIP, 100K, 100 CH ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	SK2 FN-70 R601 R530 R601 R630		240.00	04-27-04	57H			
						PULLED:							
						SKCF2 114822		3428.00	09-23-04				
						PULLED:							
						114008		6.00	09-27-04				
						PULLED:							
77	M55142K06B100ER RESISTOR, CHIP, 100K, 100K ORIGINAL QUANTITY...	EA	13.00			SK2 FN-71 R6 R7 R200 R201 R212 R213 R204 R205 R207 R213 R597 R612 R697		0.00			593		
						PULLED:							



WEEKLY # : LAT-DS-02366
PLANT :
LOCATION : HQ2

BY LINE ITEM

EFFECTIVITY DATE : 02-10-03
RELEASE DATE : 11-01-04
DATE PRINTED : 02-11-05

DATE PULLED:

PULLED BY:

LINE #	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	RESV IN LOT #	INVL0C NUMBER	INVENTORY DETAIL			
							LOT QUANTITY	LOT DATE	BIN	QUANTITY
	RESISTOR,CHIP,100W,100K Cont from prior page.	EA	13.00	RSVD	114823	SKCF2 114823	1316.00	09-23-04	890	
						PULLED:				
						114999	160.00	09-23-04		
						PULLED:				
						96596	40.00	01-08-04		
						PULLED:				
78	M55342K06B301ER RESISTOR ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	SK2 50769 FN-72 R50	29.00	12-20-03	890	
						PULLED:				
						SKCF2 91325	84.00	09-24-03	CF10	
						PULLED:				
						115000	47.00	09-27-04		
						PULLED:				
79	D55342K07B402ER RESISTOR ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	SK2 84272 FN-73 R832	10.00	04-15-03	820	
						PULLED:				
						FN-73 R332	10.00	03-26-98		
						PULLED:				
						SKCF2 115001	93.00	09-27-04		
						PULLED:				
	D55342K07B511ER RESISTOR ORIGINAL QUANTITY...	EA	10.00			SK2 FN-74 R531 R553 R554 R555 R631 R632 R633 R653 R654 R655	0.00			
						PULLED:				
						SKCF2 115002	10.00	09-27-04		
						PULLED:				
81	M55342K06B549DR RESISTOR ORIGINAL QUANTITY...	EA	2.00			SK2 FN-75 R122 R142	0.00			
						PULLED:				
						SKCF2 115003	43.00	09-27-04		
						PULLED:				
82	G311P16-C85786 THERMISTOR, 3CK ORIGINAL QUANTITY...	EA	2.00			SK2 FN-79 R1 R2	0.00			
						PULLED:				
						SKCF2 115004	10.00	09-27-04		
						PULLED:				
83	JANTXV2222222AUB TRANSISTOR NPN ORIGINAL QUANTITY...	EA	21.00			SK2 FN-80 C1 C2 C3 C4 C5 C6 C7 C8 C9 C10 C11 C12 C13 C14 C15 C16 C17 C18 C19 C20 C21 C22	0.00			
						PULLED:				
						SKCF2 120303	425.00	12-16-04		
						PULLED:				

WORK ORDER : 112048

(NEW)

WORK ORDER PICK LIST

PAGE: 13

ASSEMBLY : LAD-DS-02388
PLANT : 1
LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE : 02-10-08
RELEASE DATE : 12-01-04
DATE PRINTED : 02-11-08

DATE PULLED: _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	REQUIREMENTS		RESV IN LOT #	INVLOC NUMBER	INVENTORY DETAIL		
				STAT	QUANTITY			LOT	QUANTITY	LOT DATE
84	JANTXV2N0907AUB TRANSISTOR ORIGINAL QUANTITY...	EA	2.00				SK2 FN-81 Q599 Q699 PULLED:	0.00		
			2.00	RSVD	2.00	115007	SKCF2 115007 PULLED:	50.00	09-27-04	
85	M55142K09B4E99R RESISTOR ORIGINAL QUANTITY...	EA	2.00				SK2 FN-54 R519 R619 PULLED:	0.00		
			2.00	RSVD	2.00	114982	SKCF2 114982 PULLED:	219.00	09-27-04	
86	M55142K06B5E11R RESISTOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	60670	SK2 60670 FN-55 R508 R608 PULLED:	44.00	09-07-01	59F
			2.00				SK2 60250 FN-55 R508 R608 PULLED:	9.00	03-19-03	
							SKCF2 114829 PULLED:	204.00	09-23-04	
							114983 PULLED:	232.00	09-27-04	
87	M55342K09B10D1R RESISTOR ORIGINAL QUANTITY...	EA	1.00				SK2 FN-58 R611 PULLED:	0.00		
			1.00	RSVD	1.00	114986	SKCF2 114986 PULLED:	237.00	09-27-04	

WESTEK

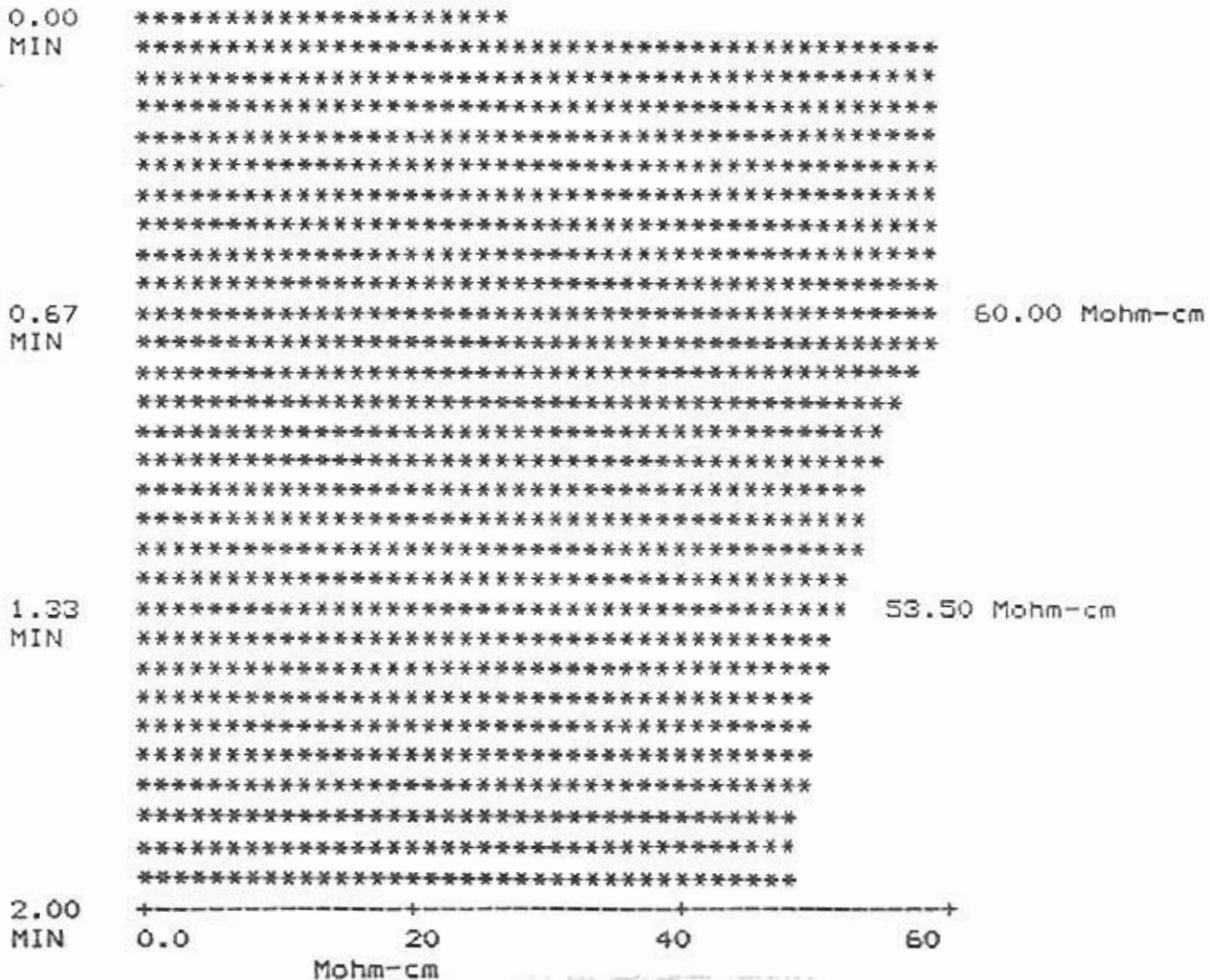
Operator :STEPHANIE
05/30/05
13:40:01

Test Type : Test
Test name : 'Manual Test'
Board # GT115 has P A S S E D

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

Initial Resistivity : 49.40 Mohm-cm
NaCl Equivalence (Final) : 0.77 ug/sq in

TIME vs RESISTIVITY



Final Resistivity : 49.50 Mohm-cm

CCA PIN: LAT-DS-02388 GLAT1785 GT115

W.O. #: 112068

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

Date: 6/3/05

MIX RATIOS

Coating TYPE: ARATHANE Mfr: HUNTSMAN

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

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

AIR CURE: 6/2/05 7:00PM TO 6/3/05 6:30 AM

OVEN CURE: 6/3/05 6:30AM TO 6/3/05 7:35AM

DEFECT RECORD REPORT

ID: 29627

PART NUMBER: LAIDS-02388

WORK ORDER: 112058

SALES ORDER: F1/300

QUANTITY: 1 RW QTY: 1

CUSTOMER: SLAC

INSPECTION TYPE: POST REFLOW

INSPECTION LEVEL: 1

INSPECTOR: SANDOVAL

OFF. SOLDER: 1421

OFF. ASSEMBLY: 786

DATE: 2/23/2005

WEEK CODE: 10

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
GT115	1	1829	S402		INSUFFICIENT SOLDER	L12	

L12

INSUFFICIENT SOLDER

03/11/05 Rework done by *[Signature]* 03/11/05
[Signature] 5/12/05

GTC TEST DEFECT RECORD REPORT

TEST ID: 24113

PART NUMBER: LAT-DS-02388

TEST TYPE: SPEA

WO: 112068 WC: 4-MIXED

TEST LEVEL: 1ST

NO: F17300

TEST TECH: STEFFEN BODE

DATE: 4/15/2005

TEST QTY: 1

CUSTOMER: SLAC

FAIL QTY: 1

PROGRAM NAME: LAT-DS-02388

SERIAL #	QTY	DEFECT CODE	DEFECT DESCRIPTION	REF DES
GT115	1	T100	TEST FAILURE ISOLATION PROCESS RW INFO: Please tombstone the component and return the assembly to the SPEA area.	R58 REWORKED BY: [Signature] 04/18/05 INSPECTED BY: [Signature] R20
GT115	1	T100	TEST FAILURE ISOLATION PROCESS RW INFO: Please tombstone the component and return the assembly to the SPEA area.	R7 REWORKED BY: [Signature] 04/18/05 INSPECTED BY: [Signature] R7
GT115	1	T100	TEST FAILURE ISOLATION PROCESS RW INFO: Please tombstone the component and return the assembly to the SPEA area.	R7 REWORKED BY: [Signature] 04/18/05 INSPECTED BY: [Signature] R7

REWORK NOTES (OPTIONAL):

RETEST NOTES (OPTIONAL):

RETESTED BY: [Signature] RETEST DATE: P F 04/18/05

The values of the resistors have been verified, please reinstall the components.
Reinstalled R58, R20, R7. 04-18-05



REWORK TRAVELER

SO 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 (Original signed edition reserved for copying) <i>[Signature]</i>							
G. POZZI	4-18-05	G. HEFKIN	4-18-05	K. BERGTHOLDT	4/18/05	P. LUJAN	4-19-05
PREPARED BY	DATE	ENG MGR SUP.	DATE	QA MGR Entl.	DATE	SLAC SOURCE	DATE




STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	Record serial numbers: __ TPS LAT-DS-02388 SN GT- <u>115</u> GLAT- <u>1785</u>	Byp	04/23/05	
2	OPERATOR: INSPECT FOR CLEANLINESS AND DEBRIS 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. NO SOLDER BALLS ALLOWED.	Byp	05/02/05	
3	AQUEOUS CLEAN USING RECIPE #3	Byp	05/02/05	
4	INSPECTION: INSPECT FOR BOARD CLEANLINESS. NO SOLDER BALLS ALLOWED.	Byp	5/6/05	
5	SOURCE INSPECTION	Byp	5/6/05	

REWORK TRAVELER

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

SEMBLY NAME: TPS CCA	QTY: 1
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APPROVAL			
G. POZZI <i>G. Pozzi</i>	G. HEFKIN	K. BERGTHOLDT <i>K. Bergtholdt to MKM</i>	P. LUJAN <i>P. Lujan</i>
PREPARED BY	DATE	DATE	DATE
<i>4-28-05</i>	<i>[Signature]</i>	<i>4/28/05</i>	<i>4-28-05</i>
ENG MGR	QA MGR	SLAC SOURCE	DATE

STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	Record serial numbers: __ TPS LAT-DS-02388 SN GT- <u>115</u> GLAT- <u>1785</u>	 <i>[Signature]</i>	<i>04/28/05</i>	
2	OPERATOR: STAKE R22 PER CAA-LAT-DS-02388, STEP 40. CURE PER INSTRUCTION IN STEP 40	<i>P.O. 1946</i>	<i>5/4/05</i>	
3	INSPECTION: INSPECT FOR BOARD CLEANLINESS. NO SOLDER BALLS ALLOWED.		<i>5/6/05</i>	
	SOURCE INSPECTION		<i>5/6/05</i>	

REWORK TRAVELER

SO NO: F17300	PART NO: SLAC LAT-DS-02388 TPS	REV: 57
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ASSEMBLY NAME: SLAC CCA'S	QTY: ALL
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APPROVAL							
G. POZZI <i>G. Pozzi</i>	4-22-05	G. HEFKIN <i>G. Hefkin</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
	NCMR 2305 REMOVE AND REPLACE Q10, Q11, AND Q12			
1	Record serial numbers: TPS LAT-DS-02388 SN's GT- <u>115</u> , GLAT- <u>1785</u>		4/22/05	
2	OPERATOR: 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.	 	4-28-05 4-28-05 4-28-05	
3	OPERATOR: VERIFY PADS HAVE NO DAMAGE.	 	05/12/05	
3	OPERATOR: SOLDER Q10, Q11, AND Q12 ONTO BOARD USE THE METCAL SOLDERING IRON WITH A .5" BLADE TIP.		05/12/05	
4	OPERATOR: HAND CLEAN BOARDS USING ALCOHOL.		05/12/05	
5	INSPECTION: INSPECT PARTS FOR WORKMANSHIP AND BOARD CLEANLINESS		5/6/05	
6	SOURCE INSPECTION		5/6/05	





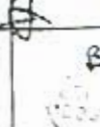
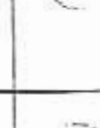



REWORK TRAVELER

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

ASSEMBLY NAME: SLAC TPS	QTY: 19
-------------------------	---------

APPROVAL							
G. Pozzi	4-25-05	G. Hefkin	4-25-05	M. Mora	4-25-05	P. Lujan	4-25-05
PREPARED BY	DATE	ENG MGR	DATE	QA MGR	DATE	Source Insp.	DATE

STEP	OPERATION	Operator Sign Off.	Date	Time spent
	RE-NCMR 2323. <i>gwr</i>			
1	Record serial numbers Affected: __ GT-104 Glat-1774 Thru GT-122 Glat-1792 __ Serial Number <u>GT 115 GLAT 1785</u>		04/25/05	
2	REMOVE ALL CABLE TIE WRAPS ON HARNESSSES.		05/05/05	
3	REPLACE ALL CABLE TIE WRAPS USING THE PANDUIT CABLE TIE WRAP TOOL ON SETTING "STANDARD", AT LEVEL "7".		05/05/05	
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</i> FOR MIX INSTRUCTIONS		05/05/05	
5	Hysol 0151 data: DATE MIXED <u>05/05/05</u> Expiration Date <u>01/31/07</u> PO# <u>31403</u>		05/05/05	
6	Inspection		5/6/05	
7	Source Inspection		5/6/05	



PK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

SY: # LAT-DS-02831-01
ISS: CABLE, TFS O/P PWR

WOB# 112244
REQ DATE 02-08-05
REL DATE 02-02-05
SO#
PC# 0000048800

CUST #
QTY 10
PROJECTS F17300
CUSTS 15356

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

APPROVAL
PROD: *GH* 2/8/05
CA: *GH* 2-7-05

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

LOT NO.	LOT QTY	SERIAL NUMBERS	SEQ NO.	REASON	APPRV DATE
A ¹	15	N/A	3		mm 2/8/05
B	4	N/A	3	To mark	mm 2/8/05
A ²	2	N/A	6	To move	mm 3/1/05
A1B	2	N/A	7	To move	mm 3/2/05
A1A2	6	N/A	7	To move	mm 3/1/05

(wobdr rev 05.19.04 ghh)

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



0 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000

***** CONFIGURATION DOCUMENTS *****
ASSY & PL: LAT-DS-02831 REV FD/PL 52 NONE OUTSTANDING EO'S
REFERENCE ASSY/PL LAT-DS-02888 FOR RTV APPLICATION RQT)
TEST SPEC: N/A
ASSY AID: N/A
CUSTOMER NAME: SLAC

***** BUILD DOCUMENTS *****
USE... TRAVELLER AND DRAWING
*REV'D/PREP'D BY: GH (DATE)DATE: 02-03-05

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

2-9-05

GH



WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

A N# LAT-DG-02831-01
AL CABLE, TFS O/P TWR

WOB 112044
REQ DATE 02-08-05
REL DATE 02-02-05
SO#
PO# 0000048800

CUST P#
QTY 19
PROJECT# P17300
CUST# 15354

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



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

* WIRE, CRIMP PINS, CONNECTOR, AND RTV.

DATE QTY REMARKS..... STATUS
2/19/05 19
.....
.....
.....

[Handwritten signature]

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PN# LAT-05-02531-01
CABLE, TPS O/P PWK

WOB 112044
REQ DATE 02-08-05
REL DATE 02-02-05
SOW
PO# 0000048900

CUST #
PROJECT# P17300
QTY 19
CUST# 15354

PAGE 3

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



3 210 00 CCA/BLACK BOX ASSY AREA 0.0005 0.0000 0.0000

CUT WIRE, STRIP WIRE,
CRIMP SOCKET CONTACTS,
TIN LEADS.

• CRIMP TEST SETUP - GTC-2081.

CUT 5 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 ~~STRIPPING~~ PNEUMATIC WIRE STRIPPER SET UP WITH
24 AWG STRIP BLADES. A STRIP LENGTH OF ~~1/8"~~ 7/16 (1.125)
AND LEAVES THE INSULATION SLAG IN PLACE.

350
EUBANKS SMALL MODEL #4900-CAM

• PRE-ASSY CRIMP TEST...

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

CRIMP TEST: BY: Rm1970 DATE: 2/16/05 STATUS Pass Crimp Tensile Strength Paper attach
Print

• ASSEMBLY ACTIVITY...

- 1) FEED WIRE DIRECTLY OFF THE SPOOL TO THE STRIPPER.
- 2) STRIP THE INSULATION LEAVING THE SLAG. ~~1/8" SLAG~~ 7/16 (.188)
- 3) CUT THE WIRE OFF AT THE INDICATED LENGTH, AND QUANTITY.
• CUT 78 WIRES TO 8-1/2" (18.50") LONG.
- 4) STRIP SECOND END USING THERMAL TWEEZERS. 1/4".
- 5) TIN SECOND END BY SOLDER DIP. CLEAN WITH ALCOHOL.
- 6) PULL INSULATION SLAG AND CRIMP CONTACT (22D) ONTO LEAD
USE M22530/2-01 CRIMPER W/ M22530-2-04 TURNER/LOCATOR.
K:41

2-15-05
3.6.05 strip test H.G.#1941 pre-assy
3.7.05 crimp test H.G.#1941 pre-assy
3.16.05 post assy crimp test H.G.#1941

• POST-ASSY CRIMP TEST...

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

CRIMP TEST: BY: Rm1970 DATE: 2/16/05 STATUS Pass

DATE	QTY	REMARKS	STATUS
2/15/05	4	78 wires x 4 = 312	Rm1970
3.7.05	2	156 wires	
3/16/05	1	4 wires	

- 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)

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 4

AS. # 1AT-DS-02831-01
ASSY. CABLR. TFS O/P PWR

WO# 112044
REQ DATE 02-08-05
REL. DATE 02-02-05
SOP
PO# 0000046800

CUST PN
QTY 19
PROJECT# W17300
CUST# 10356

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



4 290 00 QUALITY ASSURANCE AREA 0 0000 0.0000 0.0000
OFE: 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	78 wires x 4	
3/17/05	2	156 wires	
3/17/05	2	dup of crimps	

~~H.6. #1441~~



5 210 00 GCA/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.

DRR#(S)

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 492
tinning 3/5 Em 1574

RM 1970 # 3.25.05 (6) H.6. #1441



6 290 00 QUALITY ASSURANCE AREA 0 0000 0.0000 0.0000
OFE: 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	" " "	

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYT PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 5

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

WO# 112044
REQ DATE 02-09-05
REL DATE 02-02-05
SQ#
PO# 0300048800

CUST PR
QTY 19
PROJECT# F17300
CURTS 15326

LI# DEPT MACH# OP# DESCRIPTION..... H O U R S
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" (1.5").
- * TRANSFER RTV TO AN EPD SYRINGE TUBE, OR PLUNGER TYPE SYRINGE, TO AID APPLICATION.
- * ALIGN WIRES WITH KAPTON TAPE IN AN AREA ABOUT 2 TO 4 INCHES AWAY FROM THE CONNECTOR. THIS IS INTENDED TO KEEP WIRES COMING STRAIGHT OUT OF THE CONNECTOR, AS AN AID FOR LATER TERMINATION TO THE CCA.
- * APPLY RTV TO CONNECTOR BACKSHELL SURFACE, AT INSIDE ROWS FIRST, WORKING OUT, AND UP, TO THE APPROXIMATE 1/2" POINT.

* RECORD RTV MATERIAL PO# AND EXPIRATION DATE BELOW:

PO# 31695 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		F591262
3/28/05	6	same lot of RTV used as above	V.G. #1941
4/22/05	6		V.M.L.2



8 250 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OFF: SLDR-0 ASSY-7

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

DR#(S) _____

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

DATE	QTY	REMARKS	STATUS
4/23/05	5		



WORK ORDER : 112044

(NEW)

WORK ORDER PICK LIST

PAGE: 1

2 WLY # : LAT-DS-02831-01
3 NTITY : 19
4 LOCATION: W02

BY LINE ITEM

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

DATE PULLED:

PULLED BY:

REQUIREMENTS						INVENTORY DETAIL					
LINE	DESCRIPTION	UM	REQUIRED QUANTITY	CURS STAT	STATUS QUANTITY	RESV IN LOT #	INVLOC NUMBER	LOT QUANTITY	LOT DATE	BIN	QUANTITY
1	206507-1 CONN (211P407-SS-B-15) ORIGINAL QUANTITY...	EA	19.00	RSVD	19.00		SKCF2 FN-1	0.00			
<p>The following parts have been defined as alternates for 206507-1: Line 1.1 211P407-SS-B-15 1 PER Partial quantity replacements are allowed.</p> <p><i>BLAT-DS-02831</i> <i>LOT # 114947</i></p>											
2	M22759/11-24-9 WIRE, 24AWG, WHITE ORIGINAL QUANTITY...	IN	16340.00	RSVD	16340.00	115299	SKCF2 FN-3	14056.00	10-01-04	LOT1192	
3	206071-1 CONTACT (206071-1) ORIGINAL QUANTITY...	EA	510.00	RSVD	510.00		SKCF2 FN-2	0.00			
<p>The following parts have been defined as alternates for 206071-1: Line 3.1 GOSS1 1 PER Partial quantity replacements are allowed.</p>											
3.1	GOSS1 CONTACT (206071-1) ORIGINAL QUANTITY...	EA	51.16	RSVD	51.16	115021	SKCF2 FN-2	972.00	09-27-04		
<p>This line is an alternate part for line 3. GOSS1 is used in a 1 to 1 ratio to 206071-1. Partial quantity replacements are allowed.</p>											
4	DC6-1104 ADHESIVE ORIGINAL QUANTITY...	OZ	19.00	RSVD	19.00		SKCF2 REQUIREMENT SHOWS ON LAT-DS-02831-01 APPLY HERE. PULLED:	0.00			

0710

CRIMP TENSILE STRENGTH LAT-05-02831-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	RHODA MARMON 11 1970	TEST DATE
CONTACT PN:	206071-1	2-16-05
WIRE PN:	M22759/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A830)	Rhoda Marmon
DIE/LOCATOR PN (GTC Tool #):	M22520/2-06 (GTC-A834)	WORK ORDER NO.
SELECTOR VALUE:	3	112044
TEST EQUIP # (Last CAL date):	ALPHA 200 MP 2004 (6.17.04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

1000

CRIMP TENSILE STRENGTH

LAT-DS-02831-01

MIL-STD-1344; METHOD 2003.1

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

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.7	13.6	13.6
PASS/FAIL (circle test result)	PASS	PASS	PASS
	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):			

7:15 a.m.

CRIMP TENSILE STRENGTH CAT-15-02831-01

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:	2060H-1	3.17.05
WIRE PN:	M72759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M72520 / 2-01 (GTC A-1012)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M72520 / 2-06 (GTC A-690)	WORK ORDER NO.
SELECTOR VALUE:	3	112044
TEST EQUIP # (Last CAL date):	Alpha 1001 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)	PASS	FAIL	PASS
	FAIL	PASS	FAIL
	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):			

11:10 P.M.

CRIMP TENSILE STRENGTH CAT-05-02831-01					
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:		20607H-1		3.16.05	
WIRE PN:		M22759 / 11-74-9		TESTED BY	
CRIMP TOOL PN (GTC Tool #):		M22520 / 201 (GTC #1092)		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)		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):					

1:15 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 #:	De/019 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 #):	M272520 / 2-01 (GTC 4101)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M272520 / 2-06 (GTC A833)	WORK ORDER NO.
SELECTOR VALUE:	3	117044
TEST EQUIP # (Last CAL date):	Hydram MPT200A (6.17.04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.5	13.4	13.4
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):

10:36 a.m.

for build of (e)

CRIMP TENSILE STRENGTH CAT-15-0283-01

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:	20671-1	3-18-05
WIRE PN:	M22759 / 11-24-4	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 17-01 (GTC 1102)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 17-06 (GTC 1896)	WORK ORDER NO.
SELECTOR VALUE:	3	112044
TEST EQUIP # (Last CAL date):	Alcolator MPF2004 (6/17/04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.6	13.6	13.4
PASS/FAIL (circle test result)	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):

11:00 A.M.

Build A (12)

CRIMP TENSILE STRENGTH CAT-DS-00281-01

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 #:	Hobie Gray 1#1941	TEST DATE
CONTACT PN:	206071-1	3/22/05
WIRE PN:	M22759/11-249	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC#102)	Hobie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520/2-06 (GTC#933)	WORK ORDER NO.
SELECTOR VALUE:	3	112044
TEST EQUIP # (Last CAL date):	Alpaca MPT-2002 (6/1/04)	
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 #:	Harris Gray #1941	
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):	Alpatech-2001 (last cal)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

TEST DATE	3.23.05
TESTED BY	Harris Gray
WORK ORDER NO.	112044

OBSERVATIONS/VALUES

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

SPECIAL INSTRUCTIONS (as reqd):

CRIMP TENSILE STRENGTH Assy-LA-03-09831-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD						
CRIMP OPERATOR NAME/EMP #:	Matha Villa 1742	<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;">4-20-05</td></tr> <tr><td style="text-align: center;">TESTED BY</td></tr> <tr><td style="text-align: center;">Matha Villa</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	4-20-05	TESTED BY	Matha Villa	WORK ORDER NO.	112044
TEST DATE								
4-20-05								
TESTED BY								
Matha Villa								
WORK ORDER NO.								
112044								
CONTACT PN:	206071-1							
WIRE PN:	m 22759/11-249							
CRIMP TOOL PN (GTC Tool #):	m 22502/2-01 (GTC 4833)							
DIE/LOCATOR PN (GTC Tool #):	m 22520-206 (GTC 4833)							
SELECTOR VALUE:	3							
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)	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):						

CRIMP TENSILE STRENGTH Assy-LAT-DS-02831-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Martha Villa ¹ 17A	TEST DATE
CONTACT PN:	2060711-1	4-20-05
WIRE PN:	M22759/11-24.9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC#833)	Martha Villa
DIE/LOCATOR PN (GTC Tool #):	M22520-2-06 (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:	12.6	12.5	12.6
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):			

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELER NIM

AS # LAT-DS-02830-01
ANS. CARIS, TFS 1/P 1WR

WOB 112043
REQ DATE 02-02-05
DEL DATE 02 04 05
SUN
PO# 0000048800

* CUST P#
QTY 10
PROJECT# 117300
CUST# 15356

PAGE 1

SERIAL NUMBER LISTING:
N/A

APPROVAL
PROD: Y4/2/3/05
QA: John 2-2-05

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	13	N/A	6		mm 3/10/05
B	4	N/A	6	To move	mm 3/10/05
A ²	2	N/A	6	To move	mm 3/10/05

(wchdr rev 05.19.04 glh)

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



00 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000
CONFIG

***** CONFIGURATION DOCUMENTS *****
 ASSY & PL: DOCUMENT NUMBER REV FD/PL OUTSTANDING EO'S
 LAT-DS-02830 53 NONE
 (REFERENCE ASSY/PL LAT-DS-02388 FOR RIV APPLICATION RQT)
 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

2-1-05

John



WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

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

WOR 112043
REQ DATE 02-09-05
REL DATE 02-03-05
SO#
PO# 0000048800

CUST P#
QTY 19
PROJECT# F17300
COST# 15156

.....
L# DEPT MACH# CP# DESCRIPTION HOURS
SET-UP RUN... LINS-MACH ST-LOT



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

* WIRE, CRIMP PINS, CONNECTOR, AND RTV.

DATE	QTY	REMARKS	STATUS
2/10/05	19		OK

WORK

CUSTOMER: SLAC

WORK ORDER TRAVELLER - NEW

PAGE 3

ASSY:

10-01
PWR

WOF 112043
REQ DATE 02-09-05
REL DATE 02-03-05
SQ#
POS 000004800

CUST P#
QTY 10
PROJECT# P17100
CUST# 15356

LIST

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



PCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
CUT WIRE, STRIP WIRE,
CRIMP PIN CONTACTS,
PIN LEADS.

LEAD ASSY USES TWISTED-PAIR (RED/WHT) WIRE *****
SETUP - GTC-2091.

PIECES OF WIRE 8 6" TO 9" LONG, FOR FULL TESTS.
EACH FOR PRE-CRIMP AND POST-CRIMP TESTS.
CRIMPING METHOD -- ALL ASSEMBLY AND TEST ACTIVITY...

USE SCHMIDTNER PNEUMATIC WIRE STRIPPER SET UP WITH
24 AWG STRIP BLADES, A STRIP LENGTH OF 1/8" (1.125"),
AND LEAVES THE INSULATION SLUG IN PLACE.

ELC BANS SMALL MCR 2 #4900

PRE-ASSY CRIMP TEST...

STRIP AND CRIMP THREE CONTACTS USING TEST WIRE. TEST THE
SAMPLE CRIMPS PER GTC-2091. RECORD RESULTS. IF FAIL,
CONTACT ENGINEERING.

CRIMP TEST: BY: Rm1970 DATE: 2/17/05 STATUS Pass

ASSEMBLY ACTIVITY...

WIRE DIRECTLY OFF THE SPOOL TO THE STRIPPER.

STRIP THE INSULATION LEAVING THE SLUG, 1/8" (1.125").

CUT THE WIRE OFF AT THE INDICATED LENGTH, AND QUANTITY.

PAIRS TO 9-1/2" (9.50") LONG.

STRIP SECOND END USING THERMAL TWEEZERS, 1/4".

STRIP SECOND END BY SOLDER DIP. CLEAN WITH ALCOHOL.

INSULATION SLUG AND CRIMP CONTACT (22D) ONTO LEAD.
M22520/2-01 CRIMPER W/ M22520-2-09 TURRET/LOCATOR.

*116-3.8-05 #1941
K.H. 3/8/05
205 (QA)*

POST-ASSY CRIMP TEST...

STRIP AND CRIMP THREE CONTACTS USING TEST WIRE. TEST THE
SAMPLE CRIMPS PER GTC-2091. RECORD RESULTS. IF FAIL,
CONTACT ENGINEERING.

CRIMP TEST: BY: Rm1970 DATE: 2/18/05 STATUS Pass

DATE	QTY	REMARKS	STATUS
2/18/05	4	4 sets of 10	Rm1970
3/8/05	1	1 set of 10 (Rework)	CVD1920
3/19/05		2 set of 10	MV, Dh, mm. 102

3-16 0.1-A - set of 10

MV 1743

3/16/05 4 sets of 10 strip only

WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSEMBLY/PART IAT-DS-02830-01
ASSY, CABLE, TFS I/P FWR

WO# 112043
REQ DATE 02-09-05
REL DATE 02-01-05
SO#
PO# 0000048800

CUST P#
QTY 10
PROJECT# 117300
CUST# 15356

PAGE 4

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



4 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OP#: SLDR-20 ASSY-80

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

DR#(S) 29547

DATE	QTY	REMARKS
<u>2/22/05</u>	<u>40/30</u>	
<u>3/7/05</u>	<u>10</u>	<u>Restripped cks</u>

STATUS
 [Handwritten initials]
 [Handwritten initials]



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

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

...ASSURE CONTACT IS SEATED AND LOCKED INTO CONNECTOR.

DATE	QTY	REMARKS
<u>3.8.05</u>	<u>1</u>	<u>complete</u>
<u>3.19.05</u>	<u>2</u>	<u>complete</u>

STATUS
1.6.#1941
1.6.#1941

WORK CELL: 4-MIXED

CUSTOMER: SIAC

T PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 5

ASSY./PN# 1AT-DS-02830-01
ASSY. CABLE, TPS I/P PWR

WOB 112043
REQ DATE 02-09-05
REL DATE 02-03-05
COP
PO# 0000048800

CUST P#
QTY 19
PROJECT# F17300
CUST# 15356

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



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

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

DR#(S)

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

STATUS
KH.285

3/9/05 3

3/14/05 2h

3-14-05 22 17 post clips
will be used length



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

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

PO# 31695 EXP. DATE 7-10-2005

air cured overnight.
MC 3-17-05

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

DATE START STOP

DATE... QTY... REMARKS...
3-16-05 2

STATUS
ME/AM 1262

WORK CELL: A-MIXED

CUSTOMER: SIAC

TY: EXECUTION

WORK ORDER TRAVELLER - NEW

PAGE 6

AL JNS LAT-DS-02830-01
ASSY. CABLE, TPS I/P PWR

WO# 112043
REQ DATE 02-03-05
REL DATE 02-03-05
SQ#
PC# 0000048800

QTY 10
PROJECT# P17300
CUST# 15356

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



6 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OPE: SLDR-0 ASSY-7

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

DR#(S) _____

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

DATE	QTY	REMARKS	STATUS
3/17/05	2		STC 18 04
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

WORK ORDER : 112043

(NEW)

WORK ORDER PICK LIST

PAGE: 1

ASSEMBLY # : LAT-DS-02830-01
QUANTITY : 19
LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE: 02-08-05
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	LOT NUMBER	INVENTORY DETAIL			
			QUANTITY	STAT					QUANTITY	QUANTITY	LOT DATE	BIN
1	206500-1 CONN (311P407-2P-B-15) ORIGINAL QUANTITY...	EA	1.00	BO	19.00			SKCF2 FN-1	0.00			
<p>The following parts have been defined as alternates for 206500-1: LI# 1.1 311P407-2P-B-15 1 PER Partial quantity replacements are allowed.</p>												

2	M22759/11-24-1/9 WIRE 24AWG RED/WHIT ORIGINAL QUANTITY...	IN	300.00	RSVD	5700.00	115300		SKCF2 FN-2	11997.00	10-01-04		
3	204370-8 PIN, CRIMP ORIGINAL QUANTITY...	EA	20.00	RSVD	380.00	114796		SKCF2 FN-3	401.00	09-23-04	IN ASSY	
								FN-3	115041	09-27-04	F17200	

The following parts have been defined as alternates for 204370-8:
LI# 3.1 00821 1 PER
Partial quantity replacements are allowed.

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

Assy

CRIMP TENSILE STRENGTH LAT-DS-02830-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Martha Villa 1199	TEST DATE
CONTACT PN:	204370-8	3-16-05
WIRE PN:	M32759/11-24-2/9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M32530 A-01 (GTC-A 1014)	117C 43
DIE/LOCATOR PN (GTC Tool #):	M32530 B-01 (GTC-A 831)	WORK ORDER NO.
SELECTOR VALUE:	3	Martha Villa
TEST EQUIP # (Last CAL date):	()	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10.0	10.0	10.0
MEASURED TENSILE STRENGTH:	12.4	12.5	12.4
PASS/FAIL (circle test result)	PASS	FAIL	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):

Assy #

CRIMP TENSILE STRENGTH LAT-DS-02830-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<u>PRE - PROD</u>	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Martha Villa 11742	TEST DATE
CONTACT PN:	204370-8	3-14-05
WIRE PN:	M33754/11-24-2/9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M23530/01 (GTC-11019)	Martha Villa
DIE/LOCATOR PN (GTC Tool #):	M23530/13-01 (GTC-488)	WORK ORDER NO.
SELECTOR VALUE:	3	112043
TEST EQUIP # (Last CAL date):	()	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10.0	10.0	10.0
MEASURED TENSILE STRENGTH:	11.4	12.1	11.5
PASS/FAIL (circle test result)	<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):

DEFECT RECORD REPORT

ID: 29547
 PART NUMBER: LAT-DS-32830-01
 WORK ORDER: 117043
 SALES ORDER: F17300
 QUANTITY: 40 RW QTY: 8
 CUSTOMER: SLAC
 INSPECTION TYPE: GRIMPING
 INSPECTION LEVEL: 1
 INSPECTOR: VANDEVER
 OFE SOLDER: 20
 OFE ASSEMBLY: 80
 DATE: 2/22/2005
 WEEK CODE: 10

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
NA	2	1970	A215	4-MIXED	CUTS OR NICKS	WIRES	Twisted wires Red/white
NA	6	1970	A255	4-MIXED	IMPROPER CABLE LENGTH	WIRES	Twisted wires Red/white

Run, 570

3/8/05

WIRK CDD: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

W/PNS LAT-DS-01481
W/SY GLAST, PAQ, TEM

WOP 113120
REV DATE 04-29-05
REV DATE 04-04-05
CUST # P17200
JOB 0000018789

CUST # 1
QTY 1
PROJECT# P17200
CUST# 18356

*SERIAL NUMBER *****
G119 G-LAT1808

*****APPROVAL*****
PRO RLH 4/27/05
CA 4/27/05

*****WORKMANSHIP*****
IPC/EIA-3-STD-0016 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
*g1h 09 28.01*****

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



1 200 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000
CONFIG

***** CONFIGURATION DOCUMENTS *****
DOCUMENT NUMBER REV PD/PL OUTSTANDING EO'S
ASSY DWG LAT-DS-01481 EC NONE
ECM PL (SAME - ON DWG)
CUST SCH LAT-PS-02216 03 NONE
ESS TEST (N/A THIS LEVEL)
ASSY AID LAT-DS-01481 (RELEASED PER EC 3426)
CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)
BUILD DOCUMENTS
USE... WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS
*** SEE FOOTER OF WORK ORDER FOR REV HISTORY ***

DATE... QTY... REMARKS... STATUS
4/27/05 _____ RLH



2 201 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000
KITTING

* PROCESS MATERIAL PER CAA STEP 2:
DATE... QTY... REMARKS... STATUS
4/27/05 1 _____ RLH



WORK CELL: 1-219 RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

PN# 147-28-01481
GLAST. DAG. TEM

WOS 113120
REQ DATE 04-28-05
REV DATE 04-28-05
QTY 1
PC# 0000048799

CUST #
PROJECT# F17200
CUST# 15356

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



3 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0100 0.0100
APPLY ADHESIVE

- * PROCESS ASSY PER CAA STEP 3.
- * RECORD ADHESIVE DATA BELOW:

QTY PC# 32131 EXP. DATE 10-1-5
 LOT # (A) 32775 (B) 32775
 MIX RECORD (PART A WGT) 15g (PART B WGT) 1g

DATE	QTY	REMARKS	STATUS
<u>5-16-05</u>	<u>1</u>		<u>14</u>



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

- * PROCESS ASSY PER CAA STEP 4

INSTALLED CCA SERIAL NUMBER: 119

DATE	QTY	REMARKS	STATUS
<u>5-16-05</u>	<u>1</u>	<u>Install</u>	<u>14</u>



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 = 6-TC-E-95 1/2
 QTC-E-944 CAL DUE DATE 805

DATE	QTY	REMARKS	STATUS
<u>5-16-05</u>	<u>1</u>	<u>Torque 95 1/2</u>	<u>14</u>
<u>5-18-05</u>	<u>1</u>	<u>WITNESS TORQUE</u>	<u>10</u>



TYPE: PRODUCTION

WORK ORDER TRAVELLES - NEW

CD# 127-ES-01481
MST, GLAST, DAD, TEM

WO# 111200
REQ DATE 04-29-06
REL DATE 04-04-06
SQ# 217200
PO# 000048199

CUST #
QTY 1
PROJECT# F11200
CUST# 15356

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



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

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

ADHSV 0151: GTC PO# 31403 EXPIRATION DATE 1-31-07
CURE DATE/TIME: START- 1/00 STOP- 1/00

DATE	QTY	REMARKS	STATUS
<u>5-18-05</u>	<u>1</u>		<u>AP</u>



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

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

INK 50-100R: GTC PO# 31201 EXPIRATION DATE 4-27-07
LOT # (PT A): 200409090033
LOT # (PT B): 200407020011
MIX RECORD (PT A WGT): 10 gr (PT B WGT): 6 gr
MARKING DATE/TIME: 5-18-05 1:00
CURE OCCURS AT STAKING STEP 13.

DATE	QTY	REMARKS	STATUS
<u>5-18-05</u>	<u>1</u>	<u>Marking</u>	<u>AP</u>



8 200 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
CPE: SLD-0 ASSY-127

- PROCESS ASSY PER CAA STEP 8.

RECORD DEFECT REPORT NO. IF APPLICABLE: 31756

DATE	QTY	REMARKS	STATUS
<u>5/18/05</u>	<u>1</u>		

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER: NEW

PAGE 4

ASSY: /ENR LAT-ES-DIAB1
GLAST, BAO, TEM

WOM 113120
REQ 104-29-08
REL 104-04-08
SWM 17204-08
POM 000048799

CUST P# 1
PROB# 1
CUST# 15156

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



9 260 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
5-23-05	1	GLAT 1808	LAT TO C.A.



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
5-23-05	1	INSTALL LID	AP



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

- * PROCESS ASSY PER CAA STEP 11.
- ** ALERT SLAC CAR TO WITNESS TORQUE PROCESS. **
- * RECORD ASSIGNED TOOLS USED, AND CAL DUE DATE, BELOW.

TORQUE TOOL = BTG-A-977 - BTG-E-451 1/2
BTC-E-914 CAL DUE DATE 3-05

DATE	QTY	REMARKS	STATUS
5-23-05	1	Torque	AP
5-23-05	1	WITNESS TORQUE	LAT TO C.A.



14 261 00 QUALITY ASSURANCE AREA CTE-512P-0 ASSY-94 0.0000 0.0000 0.0000

- * PROCESS ASSY PER CAA STEP 12.
- RECORD DEFECT REPORT NO. IF APPLICABLE.

DATE	QTY	REMARKS	STATUS
5/23/05	1		

WORK CELL 1-BIG RUNNER

CUSTOMER: SLAC

TYPE- PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 5

./PMS LAT-DS-01481
Assy: GLAST, DAQ, TEM

WCR# 112120
REV DATE 04-29-05
REL DATE 04-04-05
COST # F17200
PO# 0000018799

CUST PR QTY
PROJECTS 1
CUST# 15356

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



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

- PROCESS ASSY PER CAA STEP 13.
- RECORD MATERIAL DATA BELOW:

ADSNV 01511 GTC PO# 31403 EXPIRATION DATE 1-31-07
CURE DATE/TIME START- 7:30 STOP- 9:30

DATE	QTY	REMARKS	STATUS
<u>6-24-05</u>	<u>1</u>		<u>AD</u>



14 05 00 QUALITY ASSURANCE AREA
CPE: SLDR-0 ASSY-37 0.0000 0.0000 0.0000

- PROCESS ASSY PER CAA STEP 14.
- RECORD DEFECT REPORT NO. IF APPLICABLE:

DATE	QTY	REMARKS	STATUS
<u>5/26/05</u>	<u>1</u>		



15 380 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	STATUS
<u>5-26-05</u>	<u>1</u>	<u>GLAT 188</u>	



5-27-05
TAK NOT ADHERING

***** TRAVELER REVISION HISTORY RECORD *****
CREATED BY: WFFVIN FOR ASSY REV: 54 DATE: 03-31-05
ASSY CND CND
REV BY DATE CHANGE DETAIL
54 CLR 030105 RELEASED AT REV 54. ADD CAA AT REV 54.

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

LAT 31201
200409080033
200407020071
10 gr 0.6 gr
DATE TIME 06/01/05
CURE DATE TIME START 1:00 PM STOP 1:30 PM
DATE QTY REMARKS STATUS
06/01/05 1 Byp (1288)



Handwritten notes on the left margin.

DEFECT RECORD REPORT

ID 31756

PART NUMBER: LAT-DS-0148:

WORK ORDER: 113121

SALES ORDER: F17200

QUANTITY: 1 RW QTY: 1

CUSTOMER: SLAC

INSPECTION TYPE: POTTING

INSPECTION LEVEL: 1

INSPECTOR: EMARTINEZ

OFF SOLDER: 0

OFF ASSEMBLY: 127

DATE: 5/18/2005

WEEK CODE: 22

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

GLAT1806 1 1334 A375 1-BIG RUNNER BONDING NOT PER PRINT SCREW 5-18-05 AP

5/18/05
GCE
18
USA

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

CAA / PWS LAT-DS-11646
GLAST. TEM

WO# 112015
KBO DATE: 02-03-05
REL. DATE: 02-21-04
PWS 0000048799

CUST #
DRAFT#
CUST#

*SERIAL NUMBER *****
GT119
GLAT 1770

APPROVAL: _____
PROD: 2/23/05
capth 23-05

WORKMANSHIP *****
IPC/EIA-7-STD-001C CLASS 3; WITH 'CS' SPACE SUPPLEMENT
SLAC QAA MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE
OF ANY STEP OF THE TRAVELER/WORK ORDER. SLAC QAA MAY
INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP.
*PLN 02 02 05*****

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



1 200 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000
CONFIG

***** CONFIGURATION DOCUMENTS *****
DOCUMENT NUMBER REV FD/PL OUTSTANDING PO'S
ASSY DWG: LAT-DS-01646 54 NONE
BOM PL: LAT-DS-02230 54 NONE
CUST SOW: LAT-DS-02615 02 NONE
ASSY AID: LAT-DS-01646 -- (RELEASED PER SC 2299)
CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)
BUILD DOCUMENTS
USE... WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS.
*REV'D/PREP'D BY: GH (DATE/DATE: 02.02.05)

DATE... QTY.. REMARKS..... STATUS
2/23/05 _____ AKH



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
2/23/05 1 _____ AKH



WORK ORD. 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

/PN# LAT-DS-01644
LWA. GLAST. TEM

WO# 112019
REQ DATE 02-03-05
REL DATE 12-21-04
SO#
POL 0000048799

CUST #
QTY
PROJECT#
COST#
1
101200
10356

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



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

* PROCESS PER CAA STEP 3.

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



4 211 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		OK 1648
2-7-05		Out	OK



5 211 00 SMT ASSY LINE SOLDER PASTE STENCIL ONLY TOP SIDE GETS PARTS 5.6300 5.6300 5.6300

* PROCESS PER CAA STEP 5.

* RECORD SOLDER PASTE DATA BELOW:

STC PC# 31228 EXPIRATION DATE 7/14/05

DATE	QTY	REMARKS	STATUS
2-7-05	1		PF

- 426 - .0064
- 430 - .0063
- 431 - .0064
- 436 - .0064
- 437 - .0063
- 438 - .0061
- 452 - .0063
- 458 - .0065

CUSTOMER: ELAC

WORK ORDER TRAVELLER - NEW

PAGE 3

MCR# 112019
 REQ DATE 02-03-05
 REL DATE 12-21-04
 SCW
 PCW 0000048799

CUST #
 PROJECT# F17200
 CUST# 18358

REGION..... HOURS
 SET-UP RUN... LINE-MACH ST-LOT

LINE 10.0000 10.0000 10.0000
 PLACE PARTS

STEP 6.

NUMBERS OF LISTED ASIC DEVICES:

17 US 1783 US 1696 US 1780
 12 US 1828 US 1826 US 1825
 15 US 1614 US 1612 US 1623

QTY	REMARKS	STATUS
1	TP-11	RF

ASSY LINE 0.5000 0.5000 0.5000
 UNDER REFLOW

PER CAA STEP 7.

LET BOARD SIT OVERNIGHT WITHOUT CLEANING **

QTY	REMARKS	STATUS
1		RF

ASSY LINE 0.1000 0.1000 0.1000
 PARTS CLEAN

PER CAA STEP 8.

EVENT ON LOG (PER EA-24)

QTY	REMARKS	STATUS
1		RF

WORK CELL: 4-MIXED

CUSTOMER: ALAD

1 PRODUCTION

WORK ORDER TRAVELLER - NEW

Assy/ENg INT-DS-01646
CCA, GLAST, TEM

WO# 111019
REV DATE 02-03-05
REV DATE 10-21-04
JOB 0000148799

CUST P#
QTY 1
PROJECT# 417200
CUST# 15154

PAGE 4

LINE DEPT MACH# OP# DESCRIPTION

SETUP RUN HOURS
LINE-MACH ST-LOT



9 293 00 QUALITY ASSURANCE AREA 0.4400 0.4400 0.4400
OP# SLDK-4153 ASSY-5203

* PROCESS PER CAA STEP 9

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

ERR#(S)

29548

DATE QTY REMARKS
2/22/05 119

GTC
6



10 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
IRP-WAVE SAWCUT

* PROCESS PER CAA STEP 10

BAKE DATE: 3-21-05 START: 7:58 STOP: 9:58

DATE QTY REMARKS STATUS
3/21/05 1 me 1337



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

* PROCESS PER CAA STEP 11

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

TOOL # GTC-A-976 CAL DUE DATE 8-2-05

DATE QTY REMARKS STATUS
3/21/05 1 me 1337



12 215 00 WAVESOLDER 1.0000 0.0000 1.0000
WAVE SOLDER

* PROCESS PER CAA STEP 12

DATE QTY REMARKS STATUS
3-22-05 1 gold flow RV1234

WLAN CELL, 4-MIXED

CUSTOMER: SLAC

PROMOTION

WORK ORDER TRAVELLER - NEW

PCA, GLAST, TEM

WOS 112219
DATE 02-03-05
DATE 12-21-04
FO# 0000048799

CUST # 1
PROJECT# 217200
CUST# 15359

PAGE 5

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



13 015 00 WAVESOLDER
AQUEOUS CLEAN 0.2000 0.2000 0.2000

* PROCESS PER CAA STEP 13.

DATE	QTY	REMARKS	STATUS
3-22-05	1		TS



14 291 00 QUALITY ASSURANCE AREA
OFF: SLDR-600 ASSY-99 3.0000 0.0000 0.0000

* PROCESS PER CAA STEP 14.

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

DEF#(S) 30177

DATE	QTY	REMARKS	STATUS
3/22/05	1		TS



15 210 00 CCA/BLACK BOX ASSY AREA
TOUCHUP 3.0000 0.0000 0.0000

* PROCESS PER CAA STEP 15.

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



16 210 00 CCA/BLACK BOX ASSY AREA
ALCOHOL/DI CLEAN 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 16.

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

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER: NEW

./P# LAT-DS-C1640
CCA, GLAST. T&M

WOB# 112019
REL DATE 02-02-05
REL DATE 12-21-04
QOS#
PO# 0000048799

CUST #
QTY
PROJECT# P17200
CUST# 15356

PAGE 4

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



17 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OP# SLDK-200 ASSY-0

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

DR# (S)

DATE	QTY	REMARKS	STATUS
3/2/05	1		



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

* PROCESS PER CAA STEP 18.
ADHESIVE PG# 31450 EXP. DATE: 5/17/05
FPGA SERIAL #'S: U45 40369 U62 50302

DATE	QTY	REMARKS	STATUS
3/2/05	1		FM



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

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



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

* PROCESS PER CAA STEP 20.
DATE 3/23/05 QTY 1 STATUS 1337

WORK CELL: 4-MIXED

CUSTOMER: SIAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 7

1/PN: 1AT-DS-11646
CAA, GLAST, TEM

NO: 112019
REQ DATE: 02-23-05
REQ DATE: 12-21-04
JOB#: 0000045799

CUST PR: 1
QTY: 1
PROJECT: P117000
CUST#: 10355

LINE LEFT MACHINE OPER DESCRIPTION..... SET-UP RUN. HOUSE LINE-MACH ST-LOT



21 210 00 CAA/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		MC 1337



22 210 00 CAA/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		MC



23 210 00 QUALITY ASSURANCE AREA
UPE, SLDR-217 ASSY-210 0.2000 0.2000 0.2000

* PROCESS PER CAA STEP 23..

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

DRR#(S):

DATE	QTY	REMARKS	STATUS
3/24/05	1		MC



24 215 00 SREA ICT
SREA TEST 0.9100 2.9100 0.9100

* PROCESS PER CAA STEP 24

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

DRR#(S):

DATE	QTY	REMARKS	STATUS
03/24/05	1	SN: GT119	passed

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

WIP: /PN: IAT-DS-01646
CLA: CLAST, TEM

WO# 112039
RSD DATE 02-03-05
REL. DATE 12-21-04
SOP
PO# 0000048799

CUST #
QTY
PROJECT# 117200
CUST# 15356

PAGE 8

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



LINE	DEPT	MACH#	OP#	DESCRIPTION	13 8300	14 8300	13 8300
25	210		00	CCA/BLACK BOX ASSY AREA INSTALL CONNECTOR-SOLDER SLDR CONN J1-ROW 1>CHECK			
					3/25/05	m-1337	03/25/05
				SLDR-CONN J1-ROW 2>CHECK	3/21/05	m-1337	3/20/05
				SLDR-CONN J1-ROW 3>CHECK	3/20/05	m-1337	3/20/05
				SLDR-CONN J1-ROW 4>CHECK	3/20/05	m-1337	3/20/05

* PROCESS PER CAA STEP 25.
 ** RECORD ASSIGNED TOOL# USED, AND CAL DUE DATE, BELOW.
 TOOL # 676-1442 CAL DUE DATE 8.05 @ 38 in-02

DATE	QTY	REMARKS	STATUS
3/29/05	1	Hardware installed for S.I. canchis	16-1441



LINE	DEPT	MACH#	OP#	DESCRIPTION	5 6500	5 6500	5 6500
26	290		00	QUALITY ASSURANCE AREA QPE, SLDR-390 ASSY-405			

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

DRR#(S) _____

DATE	QTY	REMARKS	STATUS
3/29/05	1		

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER + NEW

W. / FNR LAT-DS-01644
OJA: GLAST, TEM

WOP 112019
REQ DATE 12-21-05
REL DATE 12-21-05
SOP
POS 0000048799

CUST P#
QTY 1
PROJECT# 117000
CUST# 10999

PAGE 9

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



27 250 00 COATING/POTTING AREA 0.6000 0.6000 0.6000
POTTING/STAKING

* PROCESS PER CAA STEP 27.

** RECORD MATERIAL DATA BELOW: 311695

RTV DC6-1104; STC PO# ~~3440~~ EXPIRATION DATE 8-21-05

MSHV 0:51; STC PO# 31403 EXPIRATION DATE 1-31-07

0:51: ADHESIVE MIX RECORD (RECORD PER BATCH)

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

RESIN WGT: 6.5g

HARDENER WGT: 2.0g

CURE DATE: 4-1-05 START: 11:00 STOP: 1:00

DATE	QTY	REMARKS	STATUS
4-1-05	1		PO-1946



28 290 00 QUALITY ASSURANCE AREA 0.1000 0.1000 0.1000
OPE: SLUR-C ASSY-104

* PROCESS PER CAA STEP 28.

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

DEF#(S): 30498

DATE	QTY	REMARKS	STATUS
4/4/05	1		(6)



29 260 00 SOURCE INSPECTION 1.0000 0.0000 0.0000
MIP: SLAC QA INSPECTION
BEFORE SHIPMENT TO SLAC

* PROCESS PER CAA STEP 29

** PLEASE RETURN CCA TO QA FOR SHIPMENT.

DATE	QTY	REMARKS	STATUS
4.5.05	1	SLAT 1770	LAT 10 GA

WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 10

WIP# LAT-09-01646
CCA, GLAST. TEM

WO# 112019
REQ DATE 12-01-05
REL DATE 12-21-05
SOP
POS 0000048799

CUST #
QTY
PROJECT#
CUST#

PL 1200
L0358

LT# DEPT MACH# OP# DESCRIPTION..... EST-UP RUN... LINE-MACH ST-LOT:



30 299 00 PACKAGING/SHIPPING INSP 0.0000 0.0000 0.0000
PACK & SHIP CCA

* PROCESS PER CAA STEP 30.

DATE	QTY	REMARKS	STATUS
4/06/05	1		YAO E2218



31 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
CCA RECEIVING INSPECTION

* PROCESS PER CAA STEP 31

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

DKK# (s)

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

DATE	QTY	REMARKS	STATUS
5/9/05	1		



32 240 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
SLAC CAR PRE-COAT INSP.
MANDATORY INSPECTION
POINT

* PROCESS PER CAA STEP 32.

DATE	QTY	REMARKS	STATUS
5/9/05	1	GLAT 49 1770	

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER: NEW

PAGE 11

1 / EN: LAT-DS-01646
CCA, GLAST, TEM

WC# 112019
REV DATE 02-03-05
REV DATE 12-21-04
JOB# 0000048753

TEST QTY
PROJECT QTY
CUST# 117000
CUST# 113665

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



33 217 00 CCA/BLACK BOX ASSY AREA 0.2000 0.2000 0.2000
ALCOHOL/DI CLEAN AND TEST
THE CLEANLINESS OF CCA

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

DATE	QTY	REMARKS	STATUS
		S/N 119	
Stops	1		mm-163



34 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
CPE: SLDG-C ASSY-11

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

ISS#(S):

DATE	QTY	REMARKS	STATUS
Stops	1		



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

- * PROCESS PER CAA STEP 35.
- *** WEAR PROTECTIVE GLOVES WHEN HANDLING CCA ***
- RECORD BAKE DATE-TIME START/STOP BELOW:

BAKE DATE: Stops START: 6:00 pm STOP: 7:00 pm

DATE	QTY	REMARKS	STATUS
Stops	1	Bake-mcast	HW

WORK CELL: 4-MIXED

CUSTOMER: SIAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 12

./EN# 1AD-D5-01040
CAA, GLAST, IEM

WOM 112019
MDO DATE 02-28-05
MIL DATE 12-21-04
SC#
PC# 0000248733

CUST Pa QTY
PROJECT# P17200
CUST# 15356

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



16 250 00 COATING/POTTING AREA 0.0000 0.0000 0.0000
SPRAY CONFORMAL COAT

* PROCESS PER CAA STEP 16:

CONFORMAL COAT MATERIAL PO# 31201
EXP. DATE 6-30-05

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

DATE 5/10/05 START 11:00PM STOP: 7:00AM

DATE	QTY	REMARKS	STATUS
<u>5-10-05</u>	<u>1</u>	<u>COAT</u>	<u>HW</u>



17 250 00 COATING/POTTING AREA 0.0000 0.0000 0.0000
TOUCHUP / CURE-OVEN BAKE

* PROCESS PER CAA STEP 17:

FIRST... BAKE DATE: 5/11/05 START: 7:00AM STOP: 9:30AM

TOUCHUP... BAKE DATE: 5/11/05 START: 12:00pm STOP: 1:00pm

DATE	QTY	REMARKS	STATUS
<u>5/11/05</u>	<u>1</u>		<u>DM</u>
<u>5/11/05</u>	<u>1</u>	<u>TUJUMASK</u>	<u>SPR</u>

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 13

W# LAT-DS-01446
UCA, GLAST, TEM

WOB 112019
KED DATE 12-23-05
REL DATE 12-21-04
SOP
PC# 0000046700

CUST #
QTY 1
PROJECT# P17200
CUST# 15355

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



18 200 00 QUALITY ASSURANCE AREA 0.5000 0.5000 0.5000
OP#: SLDR-3 ASSY-25

5/M/119

- * PROCESS PER CAA STEP 28.
- ** RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

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

- ... MATERIAL CERTIFICATIONS
- ... SPEA TEST DEFECT REPORTS
- ... INSPECTION DEFECT REPORTS
- ... NON-CONFORMANCE REPORTS
- ... FORM GTC-139 (DOC REV RECORD)
- ... X-RAY REPORT
- ... DIGITAL PHOTOGRAPHS, RECORDED ONTO CD

DATE	QTY	REMARKS	STATUS
<i>5/1/05</i>	<i>1</i>		



39 280 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
CSI

- * PROCESS PER CAA STEP 30.
- NOTE: NEXT ASSEMBLY IS LAT-DS-01481.
- ** PLEASE RETURN INSPECTED CCA TO QA UPON COMPLETION **

DATE	QTY	REMARKS	STATUS
<i>5/13/05</i>	<i>1</i>		



WBSY # : LAT-DS-01646
 FACILITY :
 LOCATION : W02

BY LINE ITEM

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

DATE PULLED: _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS			INVLOC	LOT NUMBER	INVENTORY DETAIL		
			REQUIRED QUANTITY	CURR STATUS	RESV IN LOT #			LOT QUANTITY	LOT DATE	BIN
1	LAT-DS-01646 PWB, TEM ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00 120299	SKCF2 FN-D1	120299	6.00	09-11-07	1 ✓
2	LAT-DS-01026 PLATE, CONN, TEM ORIGINAL QUANTITY...	EA	1.00	ASVD	1.00 114784	SKCF2 FN-D6	114784	6.00	06-19-07	1 ✓
3	LAT-DS-01031 PIN, CONNECTOR, TEM ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00 114785	SKCF2 FN-D7	114785	14.00	06-19-07	2 ✓
4	NAS1052N02-8 SCREW ORIGINAL QUANTITY...	EA	26.00	RSVD	26.00 114786	SKCF2 FN-D3	114786	234.00	09-23-04	210 ✓
5	LAT-DS-01582 SCANDOFF ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00 114787	SKCF2 FN-D5	114787	14.00	09-23-04	2 ✓
6	MSE1957-13 SCREW, PWH, 4-43 X .25 ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00 93945	SKCF2 FN-D10	93945	267.00	11-24-03	2 ✓
						FN-D10	114790	78.00	09-23-04	2 ✓
	NAS620-C2 FLATWASHER ORIGINAL QUANTITY...	EA	52.00	RSVD	52.00 114789	SKCF2 FN-D2	114789	426.00	09-23-04	52 ✓
8	MSE671-2 SCREW ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00 114790	SKCF2 FN-D8	114790	36.00	09-23-04	4 ✓
9	NAS671-C2 WASHER ORIGINAL QUANTITY...	EA	26.00	RSVD	26.00 114791	SKCF2 FN-D4	114791	208.00	09-23-04	24 ✓
10	LAT-DS-01658 ASSY, CABLE, CONN, TEM ORIGINAL QUANTITY...	EA	1.00	BO	1.00	SKCF2 FN-109	25 J1	0.00		0 ✓
11	6151 ADHESIVE, HV302, 405 MTT ORIGINAL QUANTITY...	OE	1.00	BO	1.00	SKCF2 FN-D11		0.00		0 ✓
12	CV-2946 RTV, MISCEL, TECH ORIGINAL QUANTITY...	OE	1.00	BO	1.00	SKCF2 FN-D12		0.00		0 ✓
13	5750 CONFORMAL COATING, URELANE ORIGINAL QUANTITY...	OE	1.00	BO	1.00	SKCF2 FN-D13		0.00		0 ✓

WVBY # : LAT-DS-01644
UNITS : 1
LOCATION : WOP

BY LINE ITEM

EFFECTIVITY DATE: 02-03-08
DATE REVISION: 02-21-04
DATE PRINTED: 02-04-08

DATE PULLED: _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RSVD IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL			BIN	
			REQUIRED QUANTITY	CURR STAT QUANTITY				LOT QUANTITY	LOT DATE	SINLOC QUANTITY		
14	DC6-1104 ADHESIVE ORIGINAL QUANTITY...	QE	1.00	RS	1.00	SKCP2 FW-1014		0.00				C-C
15	CWR11PH10SKDB CAPACITOR ORIGINAL QUANTITY...	EA	36.00	RSVD	36.00	120284						36-
16	CWR11PH475KDB CAPACITOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	120285		1976.00	12-16-04			2
17	CR33BK475ANUS CAPACITOR ORIGINAL QUANTITY...	EA	53.00	RSVD	53.00	114799		1639.00	09-23-04			53
18	CWR09FC176KDB CAPACITOR ORIGINAL QUANTITY...	EA	49.00	RSVD	49.00	114800						49
19	CR11BK472BKUS CAPACITOR ORIGINAL QUANTITY...	EA	249.00	RSVD	249.00	114801		1016.00	09-23-04			249
20	1210H563K251YTM CAPACITOR ORIGINAL QUANTITY...	EA	16.00	RSVD	16.00	114802						16
21	MCR-1051-1B1 CONNECTOR ORIGINAL QUANTITY...	EA	9.00	RSVD	9.00	114803		73.00	09-23-04			9
22	MCR-1049-1B1 CONNECTOR ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114804		92.00	09-23-04			4
23	EE67-8789406XA RESISTOR ORIGINAL QUANTITY...	EA	3.00	RSVD	3.00	114805		24.00	09-23-04			3
24	CRNTVMN4153UR-1 DIODE ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114806		16.00	09-23-04			2

WVBY : LAT-DS-01446
QUANTITY : 1
LOCATION : W02

BY LINE ITEM

EFFECTIVITY DATE : 02-03-06
RELEASE DATE : 12-21-04
DATE PRINTED : 02-04-06

DATE PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RESV IN LOT #	INVLOC NUMBER	INVENTORY DETAIL				BIN
			REQUIRED QUANTITY	CURR STAT			LOT QUANTITY	LOT DATE	LOT LIFE	BIN/LOC QUANTITY	
26	SMD050 FUSE 5AYCHEM/POLYSWICH ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00 114807	SKCF2 FN-13	114807 PULLED	52.00	09-23-04		44
26	SMD075 IC ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00 114926	SKCF2 FN-13	114926 PULLED	52.00	09-24-04		44
27	MAX145AEXA IC ORIGINAL QUANTITY...	EA	36.00	RSVD	36.00 120286	SKCF2 FN-13	120286 PULLED	256.00	12-16-04		30-
28	MAX511AEE IC ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00 114810	SKCF2 FN-16	114810 PULLED	23.00	09-23-04		2-
29	LAT-DS-03895 IC ORIGINAL QUANTITY...	EA	1.00	SO	1.00	SKCF3 FN-17	U6 PULLED	0.00			0
30	LAT-DS-03894 IC ORIGINAL QUANTITY...	EA	1.00	SO	1.00	SKCF3 FN-18	U63 PULLED	0.00			0
31	LAT-TD-01814 IC ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00 114813	SKCF2 FN-19	114813 PULLED	34.00	09-23-04		44
32	5962X9926810VXC IC ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00 114814	SKCF3 FN-20	U63 PULLED	25.00	09-23-04	DRY-10	1-
33	5962X992030VC IC ORIGINAL QUANTITY...	EA	5.00	SO	5.00	SKCF2 FN-22	U46 U47 U48 U53 U54 PULLED	0.00			0
34	LAT-TD-01812 IC ORIGINAL QUANTITY...	EA	8.00	RSVD	8.00 114816	SKCF2 FN-23	114816 PULLED	55.00	09-23-04		8-
35	H076CPCX00 THICK FILM JUMPER ORIGINAL QUANTITY...	EA	151.00	RSVD	151.00 114817	SKCF2 FN-23	114817 PULLED	151.00	09-23-04		151-
36	R55342K00B1EDCA RESISTOR,CHIP,100W,1% OH ORIGINAL QUANTITY...	EA	55.00	RSVD	55.00 114818	SKCF2 FN-23	114818 PULLED	55.00	09-23-04		55-

UNBLY 1 : LAT-DS-01444
UNBLY 1 :
LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE: 02-03-04
RELEASE DATE : 12-31-04
DATE PRINTED : 02-04-00

DATE FILLED: _____

FILLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS			INVL	LOT	INVENTORY DETAIL		
			QUANTITY	STAT	RESV IN			QUANTITY	LOT DATE	BIN
27	M55342K06B1F00R RESISTOR,CHIP,100W,1M OHM ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114819	SKCFF2 114819 FN-23 R174 R175 PULLED:	666.00	09-23-04	
			2.00				FN-23 114977 R174 R175 PULLED:	217.00	09-27-04	2 ✓
38	M55342K06B10FOR RESISTOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114820	SKCFF2 114820 FN-32 R165 R166 PULLED:	512.00	09-23-04	
			2.00				FN-32 114988 R165 R166 PULLED:	212.00	09-27-04	2 ✓
39	M55342K06R22B1R RESISTOR ORIGINAL QUANTITY...	EA	205.00	RSVD	205.00	114821	SKCFF2 114821 FN-R182 R183 R184 R185 R186 R187 R188 R189 R190 R191 R192 R193 R194 R195 R196 R197 R198 R199 R200 PULLED:	2720.00	09-23-04	
			205.00							205 ✓
40	M55342K06B100DR RESISTOR,CHIP,100W,100 OH ORIGINAL QUANTITY...	EA	60.00	RSVD	60.00	114822	SKCFF2 114822 FN-15 R126 R127 R128 R129 R130 R131 R132 R133 R134 R135 R136 R137 R138 R139 R140 R141 R142 R143 R144 R145 R146 R147 R148 R149 R150 R151 R152 R153 R154 R155 R156 R157 R158 R159 R160 R161 R162 R163 R164 R165 R166 R167 R168 R169 R170 R171 R172 R173 R174 R175 R176 R177 R178 R179 R180 R181 R182 R183 R184 R185 R186 R187 R188 R189 R190 R191 R192 R193 R194 R195 R196 R197 R198 R199 R200 R201 PULLED:	1788.00	09-23-04	
			60.00							60 ✓
41	M55342K06B100DR RESISTOR,CHIP,100W,100K ORIGINAL QUANTITY...	EA	50.00	RSVD	50.00	114823	SKCFF2 114823 FN-15 R126 R127 R128 R129 R130 R131 R132 R133 R134 R135 R136 R137 R138 R139 R140 R141 R142 R143 R144 R145 R146 R147 R148 R149 R150 R151 R152 R153 R154 R155 R156 R157 R158 R159 R160 R161 R162 R163 R164 R165 R166 R167 R168 R169 R170 R171 R172 R173 R174 R175 R176 R177 R178 R179 R180 R181 R182 R183 R184 R185 R186 R187 R188 R189 R190 R191 R192 R193 R194 R195 R196 R197 R198 R199 R200 R201 PULLED:	890.00	09-23-04	
			50.00							50 ✓
42	M55342K06B200DR RESISTOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114824	SKCFF2 114824 FN-41 R121 R122 PULLED:	168.00	09-23-04	
			2.00							2 ✓
43	50112P18-0957R6 RESISTOR,CHIP,30W ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114825	SKCFF2 114825 FN-41 R121 R122 PULLED:	14.00	09-23-04	
			2.00				FN-41 116004 R121 R122 PULLED:	46.00	09-27-04	2 ✓
44	5061R08651030YC ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	100289	SKCFF2 1100289 FN-11 U51 U52 PULLED:	36.00	12-16-04	4 ✓
			4.00							
45	M55342K06B49DR RESISTOR,CHIP,100W,49.9 ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114827	SKCFF2 114827 FN-11 R648 R649 R650 R651 PULLED:	203.00	09-23-04	
			4.00							4 ✓

WORK ORDER : 112019

[NEW]

WORK ORDER PICK LIST

PAGE: 5

TENDRY # : LAT DS-01644
QUANTITY : 1
LOCATION : W02

BY LINE ITEM

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

DATE PULLED: _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL			
			QUANTITY	STAT				QUANTITY	QUANTITY	LOT DATE	BIN
46	M55342K0551P00R RESISTOR ORIGINAL QUANTITY	EA	2.00	RSVD	2.00	114828	SKCP2 114828 FN-27 R001 R002 PULLED:	61.00	09-23-04		
			2.00				FN-27 R001 R002 PULLED:	229.00	09-27-04		
47	M55342K0685E11R RESISTOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114829	SKCP2 114829 FN-30 R043 R043 PULLED:	216.00	09-23-04		
			2.00				FN-30 R043 R043 PULLED:	212.00	09-27-04		
48	M55342K06810C0R RESISTOR,CHIP,100W,10K 0 ORIGINAL QUANTITY...	EA	23.00	RSVD	23.00	114930	SKCP2 114930 FN-31 R040 R040 PULLED:	335.00	09-23-04	CP2C	
			23.00				FN-31 R040 R040 PULLED:	335.00	09-27-04		
							FN-31 R040 R040 PULLED:	335.00	09-27-04		

DEFECT RECORD REPORT

ID: 29548
 PART NUMBER: 1AT-DS-01646
 WORK ORDER: 112019
 SALES ORDER: F17200
 INSPECTION TYPE: 4SP-80DTERINSPECTIO *post ref top*
 INSPECTION LEVEL: 1 *K.H. 2/17/05*
 INSPECTOR: HUBBARD
 QUANTITY: 1 RW QTY: 1
 CUSTOMER: SLAC
 OFE SOLDER: 4163
 OFE ASSEMBLY: 5203
 DATE: 2/22/2005
 WEEK CODE: 10

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
119	1	1858	A301		MIS ORIENTATION	U11	
119	1	1858	A385		SOAP RESIDUE	U57	
119	1	1858	S402		INSUFFICIENT SOLDER	U4	
119	1	1858	S402		INSUFFICIENT SOLDER	U55	
119	1	1858	S402		INSUFFICIENT SOLDER	U27	1 SIDE
119	1	1858	S402		INSUFFICIENT SOLDER	U56	
119	1	1858	S402		INSUFFICIENT SOLDER	U59	
119	1	1858	S402		INSUFFICIENT SOLDER	U58	
119	1	1858	S402		INSUFFICIENT SOLDER	U60	
119	1	1858	S402		INSUFFICIENT SOLDER	U6	
119	1	1858	S402		INSUFFICIENT SOLDER	U54	
119	1	1858	S402		INSUFFICIENT SOLDER	U3	
119	1	1858	S402		INSUFFICIENT SOLDER	U30	1 SIDE
119	1	1858	S402		INSUFFICIENT SOLDER	U37	PIN 5
119	1	1858	S402		INSUFFICIENT SOLDER	U29	PIN 5
119	1	1858	S402		INSUFFICIENT SOLDER	U20	1 SIDE

12-12-37 3/16/05 3/17/05

DEFECT RECORD REPORT

ID: 29548
 PART NUMBER: LAT-05-016-66 INSPECTION TYPE: 1ST SOLDER INSPECTIO OFF SOLDER: 4163
 WORK ORDER: 112019 INSPECTION LEVEL: 1 OFE ASSEMBLY: 5203
 SALES ORDER: F17200 INSPECTOR: HUBBARD DATE: 2/22/2005
 QUANTITY: 1 RWQTY: 1 WEEK CODE: 10
 CUSTOMER: SLAC

SERIAL NO.	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
119	1	1858	S402		INSUFFICIENT SOLDER	U15 ✓	1 SIDE
119	1	1858	S402		INSUFFICIENT SOLDER	U10 ✓	PIN 1
119	1	1858	S402		INSUFFICIENT SOLDER	U9 ✓	PIN 8
119	1	1858	S402		INSUFFICIENT SOLDER	U5 ✓	
119	1	1858	S402		INSUFFICIENT SOLDER	U61 ✓	
119	1	1858	S414		SOLDER BALLS		

me 1337 3/16/05 3/17/05

Page 100

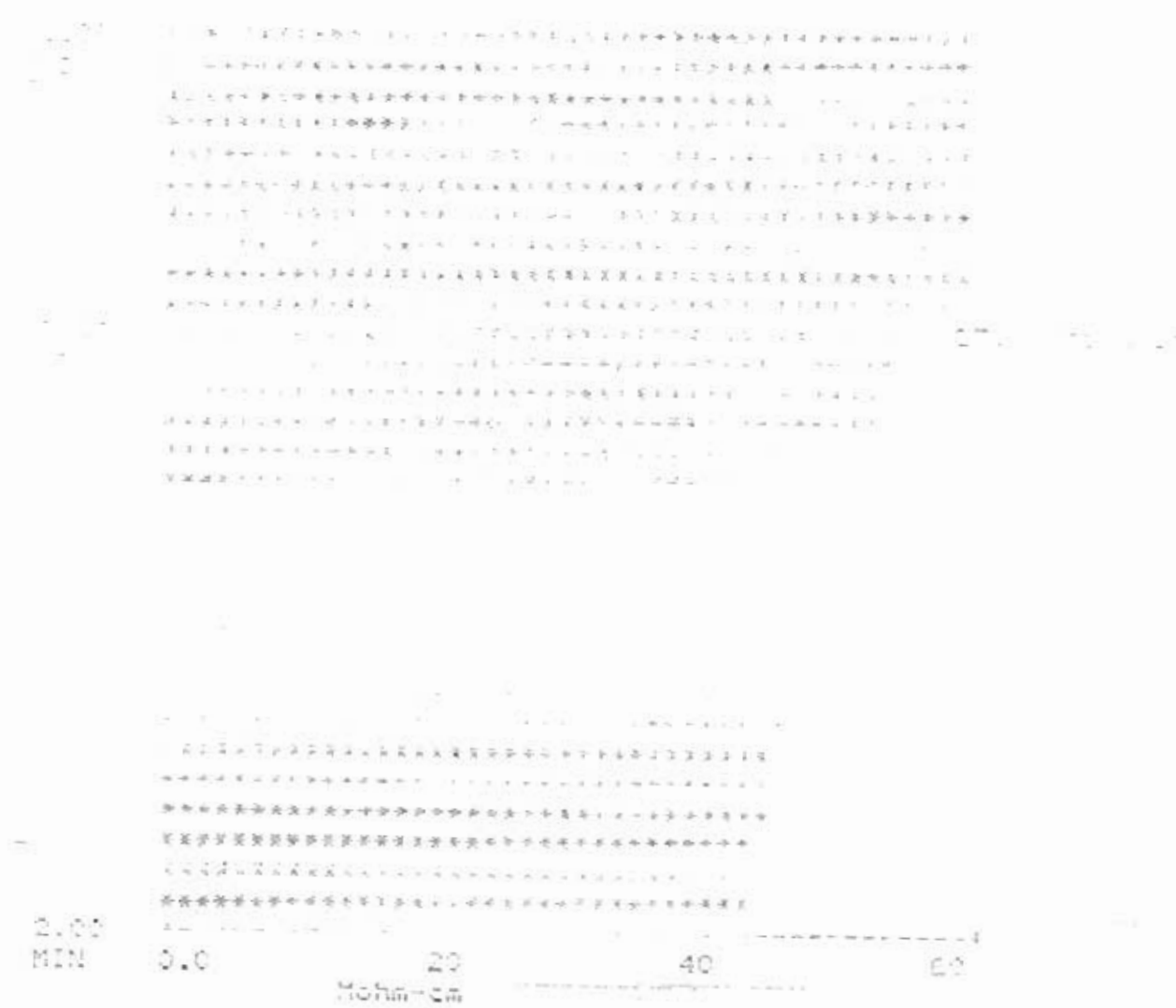
11/04/78
15,061.04

Test Type : Auto
Test : Manual Test
Record # : 1111 Test # : 0 0 0 0

TIME : 11.00
TIME : 11.00
TIME : 11.00
TIME : 11.00
TIME : 11.00
TIME : 11.00
TIME : 11.00
TIME : 11.00

Initial Resistance : 20.00 ohms
NaCl Equivalence (Final) : 0.02 used in

TIME vs RESISTIVITY



CCA PIN: LAT-DS-01646 GLAT 1770 GT119

W.O. #: 112019

CC Tech: HN (Initial / Employee #)

Date: 5/10/05

MIX RATIOS

Coating TYPE: ARATHANE Mfr: ~~6/30/05~~ Huntsman

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

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

AIR CURE: 5/10/05 11:00 PM TO 7:00 AM


OVEN CURE: 5/11/05 7:00 AM - 9:30 AM

REWORK TRAVELER

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

(Original signed editions reserved for copying)

APPROVAL G. POZZI	G. HEFFKIN	K. BERGTHOLDT	P. LUJAN
PREPARED BY	DATE	DATE	DATE
ENG MGR SUP	DATE	QA MGR	SLAC SOURCE

STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	Record serial numbers: TEM LAT-DS-01646 SN GT-119 GLAT-608	1337	5/3/05	4:30
2	OPERATOR: INSPECT FOR CLEANLINESS AND DEBRIS 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. NO SOLDER BALLS ALLOWED.	1337	5/4/05	1:00
3	AQUEOUS CLEAN USING RECIPE #3	1337	5/4/05	
4	INSPECTION: INSPECT FOR BOARD CLEANLINESS. NO SOLDER BALLS ALLOWED.	1337	5/4/05	5
5	SOURCE INSPECTION		5/9/05	



DEFECT RECORD REPORT

ID: 30498

PART NUMBER: LAT-DS 01646

WORK ORDER: 112019

SALES ORDER: F17200

QUANTITY: 1 RW QTY: 1

CUSTOMER: SLAC

INSPECTION TYPE: POTTING

INSPECTION LEVEL: 1

INSPECTOR: EMARTINEZ

OFE SOLDER: 0

OFE ASSEMBLY: 104

DATE: 4/4/2005

WEEK CODE: 16

SERIAL NO.	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
119	1	1946	A375		BONDING NOT PER PRINT		POTTING CANNOT BE ON TOP OF SCREWS.

PO 1946

4-4-05

4-4-05

DEFECT RECORD REPORT

ID: 20177

PART NUMBER: LA-FDS-01645

WORK ORDER: 112019

SALES ORDER: F17200

QUANTITY: 1 RW QTY: 1

CUSTOMER: SLAC

INSPECTION TYPE: HAND SOLDER

INSPECTION LEVEL: 1

INSPECTOR: EMARTINEZ

OFE SOLDER: 600

OFE ASSEMBLY: 55

DATE: 3/22/05

WEEK CODE: 14

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
119	1	692	S413		BRIDGING	JT3	
119	1	692	S413		BRIDGING	JC1	

me 1337 3/22/05

3/22/05

DRK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

SSY, CABLE, CONN. TEM

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

CUST #
QTY 19
PROJECT# P17200
CUST# 13356

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

APPROVAL:
PROD Pat 2/4/05
QA WJM 2.4.05

WORKMANSHIP:-----
ANSI-Z-39.5-2010 CLASS 3, OTHER:
(DEFAULT WORKMANSHIP UNLESS INDICATED OTHERWISE, ABOVE)

LOT NO.	LOT QTY	SERIAL NUMBERS	SEQ NO.	REASON	APPRY & DATE

(wuhdr rev 05.19.04 glh)

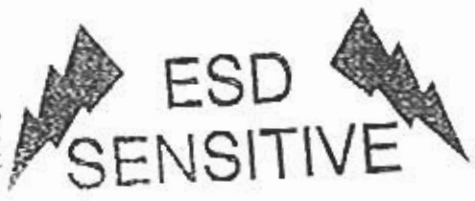
LINE DEPT MACH# OP# DESCRIPTION..... HOURS
SET-UP RUN... LINE-MACH ST-LOT



00 00 CONFIG RECORD/ATTING 0.0000 0.0000 0.0000
CONFIG

***** CONFIGURATION DOCUMENTS *****
MSGY & P: DOCUMENT NUMBER REV FD/PL OUTSTANDING BO'S
MSGY SP: LAT-DS-02589 11 NONE
MSGY SPC: N/A
MSGY AID: N/A
CUSTOMER NAME: SLAC
***** BUILD DOCUMENTS *****
USE... TRAVELER AND DRAWING
*(REV'D)/PREP'D BY: GH (DATE)DATE: 02.02.05

DATE	QTY	REMARKS	STATUS
<u>2-4-05</u>			<u>WJM</u>



PK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

SSY/PNS LAT-DS-D2568
SSY, CABLE, CONN, TEM

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

CUST P#
QTY 19
PROJECT# F17200
CUST# 16156

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



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

* WIRE, CRIMP PINS, AND CONNECTOR.

DATE	QTY	REMARKS	STATUS
2/10/05	19		

ORA CELL. 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER: TRAVELLER - NEW

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

W# 112026
REQ DATE 02-04-05
REL. DATE 01-31-05
SOP#
PO# 0000048799

CUST #
QTY 19
PROJECT# F17200
CUSTA 15356

PAGE 3

Step 1-4
in 1337
4/26/05
move to start p. 3A
Jeth

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



3 200 00 CABLE/HARNASS 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 2 5/8" TO 3" LONG, FOR PULL 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 ANG STRIP BLADES. A STRIP LENGTH OF 3/16" (ASST)
AND LEAVES THE INSULATION SLOG 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 W. Hannon DATE: 2/19/05 STATUS Pass

ASSEMBLY ACTIVITY...

- 1 FEED WIRE DIRECTLY OFF THE SPOOL TO THE STRIPPER.
- 2 STRIP THE INSULATION LEAVING THE SLOG. (7/8" (39)).
- 3 CUT THE WIRE OFF AT THE INDICATED LENGTH, AND QUANTITY.
CUT 6 PIECES TO 2-1/8" (1.125") LONG. USE program # 89
- 4 STRIP SECOND END USING THERMAL TWEEZERS. (4/8" (1/2") LONG. USE program # 90
- 5 TIN SECOND END BY SOLDER DIP. CLEAN WITH 95% ALCOHOL.
- 6 PULL INSULATION SLOG AND CRIMP CONTACT (21D) ONTO LEAD.
USE M22520/2-01 CRIMPER W/ M22520-2-09 TURRET/LOCATOR.

POST-ASSY CRIMP TEST...

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

CRIMP TEST: BY W. Hannon DATE: 2/19/05 STATUS Pass

DATE	QTY	REMARKS	STAT
2/19/05	4800	3 7/8" (39) 2 1/8" (39) 4 each	DM1970
3.10.05	8	1 1/8" (35) 1" (200) 1 5/16" (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

1 2 3 4 - performed using S. 80
3/16 (=) (19)
on EUBANKS

GTC-A-463
K42 - mm.
3.11.05 8 5/16 strips H.G. #1941
~~3.11.05 8~~

3.11.05 crimps 1 5/16 H.G. #1941
3-0-05 MV 1942 1" strip
3.12.05 turning H.G. #1941 1 5/16
3.14.05 crimp/tin 1" (16) H.G. #1941
3.14.05 crimp/tin 1 1/8 (46) H.G. #1941
3.14.05 crimp/tin 1 1/8 (235) H.G. #1941
3.14.05 crimp/tin (126) 1" H.G. #1941

* pre-Asst crimp test 2.28.05 Pass H.G. #1941
 pre-Asst crimp test 3.10.05 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
 1 1 " crimp test 3.21.05 Pass H.G. #1941

See page
3A - continued
Jeth

WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/TNS LAT-DS-02588
ASSY: CABLE, CONN, TEM

WOB 112026
REQ DATE 02-04-05
RET. DATE 01-31-05
CO#
PO# 0000046799

CUST #
QTY 19
PROJECT # P: 7200
CUST# 15355

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
OP#: 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	4	7/8" 39 pieces	QC
	A	1/8" 39 pieces	QC
3/4/05		(Redone)	QC



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 (1-5/16") INTO HOLE NUMBERS 1 THRU 20.
- INSERT SHORT WIRES (1/8") INTO HOLE NUMBERS 60 THRU 79.
- ASSURE CONTACT IS SEATED AND LOCKED INTO CONNECTOR.

DATE	QTY	REMARKS	STATUS
2/17/05	4		RM 1970
3-15-05	2		G.#1941
3-21-05	1		G.#1941

strips, crimps & things 3/7/05
 19 strip 3/11/05
 3-21-05 3 completed H.G.#1941



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

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

DR#(S)

ROUTE FOR W/O CLOSURE AND DELIVERY TO NEXT ASSY LAT-DS-01646.

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

WORK ORDER : 112026

(NEW)

WORK ORDER PICK LIST

PAGE: 1

PLY # : LAT-DS-02588
QUANTITY : 19
LOCATION : MO2

BY LINE ITEM

EFFECTIVITY DATE: 02-04-06
RELEASE DATE : 01-31-05
DATE PRINTED : 03-07-05

DATE PULLED: _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS		INVLOC	LOT NUMBER	INVENTORY DETAIL		
					STAT	QUANTITY			LOT	LOT DATE	BIN
1	206504-1 AMPLIMITE ORIGINAL QUANTITY...	EA	1.00	RSVD	19.00	114794	SKCF2 FN-1	114794	22.00	09-23-04	
The following parts have been defined as alternates for 206504-1: L1# 1:1 311P407-02-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	01-01-04	
The following parts have been defined as alternates for 204370-8: L1# 3:1 G08P1 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	03-23-04	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-930)	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 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:	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-05-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	/	TEST DATE 2/09/05 TESTED BY Rita Marnon 1970 WORK ORDER NO. 112026
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:	13.2	13.4	13.5
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}		✓ RN	✓ RN
OTHER (define) {f}			
SPECIAL INSTRUCTIONS (as reqd):			

0830

CRIMP TENSILE STRENGTH

LAT-05-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	RHODA MARION / 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 MARION 1970
DIE/LOCATOR PN (GTC Tool #):	M22520/02-01 (GTC-A 831)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	ALPHATRON MPE 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:	12.8	13.5	13.3
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS	<input type="radio"/> FAIL	<input checked="" type="radio"/> PASS
	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):

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 HODA MARMON WORK ORDER NO. 1102112026
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 <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

Lat-05-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):

PRE - PROD

POST - PROD

OPERATOR NAME/EMP #:

Herbie Gray 1#1941

TEST DATE

CONTACT PN:

704370-8

2.28.05

WIRE PN:

M22759 / 11-24-9

TESTED BY

TOOL PN (GTC Tool #):

M22520 / 2-01 (GTC 1-820)

Herbie Gray

INDICATOR PN (GTC Tool #):

M22520 / 2-09 (GTC 1-831)

WORK ORDER NO.

SELECTOR VALUE:

3

112026

TEST EQUIP # (Last CAL date):

Alpation MPF200A (~~6114~~) 1.18.05

PULL RATE:

1" +/- .25" per min.

OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.5	13.0	17.0
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):

8:45 a.m.

CRIMP TENSILE STRENGTH Lot-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-B	3.1.05
WIRE PN:	M72759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M72520 / 2-01 (GTC 1.830)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M72520 / 2-09 (GTC 1.431)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	Alphatron MPF 20-A (6/2/04) 11805	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.8	13.5	13.8
PASS/FAIL (circle test result)	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):

7:47 a.m.

CRIMP TENSILE STRENGTH *Lot-DS-02588*

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 #:	<i>Herbie Gray 127941</i>	TEST DATE
CONTACT PN:	<i>204370-8</i>	<i>3.3.05</i>
WIRE PN:	<i>M22799 / 11-24-9</i>	TESTED BY
CRIMP TOOL PN (GTC Tool #):	<i>M22520 / 2-01 (GTC#-830)</i>	<i>Herbie Gray</i>
DIE/LOCATOR PN (GTC Tool #):	<i>M22520 2-01 (GTC#-831)</i>	WORK ORDER NO.
SELECTOR VALUE:	<i>3</i>	<i>112026</i>
TEST EQUIP # (Last CAL date):	<i>Aluminum MPF 200A 11/25 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>13.5</i>	<i>13.6</i>	<i>13.4</i>
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}	<i>✓</i>	<i>✓</i>	
CONTACT BROKEN OUTSIDE OF CRIMP AREA {e}			
OTHER (define) {f}			

SPECIAL INSTRUCTIONS (as reqd):

(This section is currently blank)

9:50 A.M.

CRIMP TENSILE STRENGTH

Lot- DS-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

3.505

WIRE PN:

M22759 / 11-24-9

TESTED BY

CRIMP TOOL PN (GTC Tool #):

M22520 / 2-01 (GTC 102)

Herbie Gray

DIE/LOCATOR PN (GTC Tool #):

M22520 / 2-09 (GTC 631)

WORK ORDER NO.

SELECTOR VALUE:

3

112026

TEST EQUIP # (Last CAL date):

Hedstrom MPF 20A (6.1704)

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)

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):

8:50 P.M.

CRIMP TENSILE STRENGTH Cat. 05-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<u>PRE - PROD</u>	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Hedric 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)	Hedric Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-09 (GTC# 831)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	Alphatron MPF700A (1.18.05)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.0	12.8	13.0
PASS/FAIL (circle test result)	<u>PASS</u> FAIL	<u>PASS</u> FAIL	<u>PASS</u> FAIL
	Type of Separation Observed		
SLIP (pull out) {a}			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) {b}		✓	
CONTACT BROKEN IN CRIMP AREA (some or all) {c}			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) {d}	✓		✓
CONTACT BROKEN OUTSIDE OF CRIMP AREA {e}			
OTHER (define) {f}			
SPECIAL INSTRUCTIONS (as reqd):			

CRIMP TENSILE STRENGTH

Lot-115-02580

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Heber Gray 1#1941	TEST DATE 3/4/05 TESTED BY Heber Gray WORK ORDER NO. 112026
CONTACT PN:	204370-8	
WIRE PN:	M22759 / 11-24-9	
CRIMP TOOL PN (GTC Tool #):	M22759 / 2-01 (GTC#102)	
DIE/LOCATOR PN (GTC Tool #):	M22759 / 7-09 (GTC#836)	
SELECTOR VALUE:	3	
TEST EQUIP # (Last CAL date):	Alpert MPT-2007 (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)	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):

CRIMP TENSILE STRENGTH CAT-05-02580

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1 #1441	TEST DATE
CONTACT PN:	204370-8	3.21.05
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC 4100)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-09 (GTC 856)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	Adaptor MPT-200A (6.17.01)	
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:	13.6	13.4	13.8
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):

Assy LAT-D3-02588

CRIMP TENSILE STRENGTH

MIL-STD-1344: METHOD 2003.1

TEST TYPE (circle one):	<u>PRE - PROD</u>	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Dora 11337	TEST DATE
CONTACT PN:	204370-8 (C08PI)	4/28/05
WIRE PN:	M22759/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-AT610)	Dora
DIE/LOCATOR PN (GTC Tool #):	M22520-2-09 (GTC-)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	6/17/04 ^{DIC} 6/17/05 GTC 750	
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-DS-02588

CRIMP TENSILE STRENGTH

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Nora 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)	Nora
DIE/LOCATOR PN (GTC Tool #):	M22520-2-09 (GTC)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	6/17/04 ^{Due} 6/17/05 (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)	PASS	FAIL	PASS
	FAIL	PASS	FAIL
	PASS	FAIL	PASS
	FAIL	PASS	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):			