

END-ITEM DATA PACKAGE – LAT-DS-01643; Serial Number: GT106 GLAT1933

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# 113225 : S/N (above SN)

TPS Unit; LAT-DS-01482 WO# 113206 : S/N GT104 GLAT 1812

TPS CCA; LAT-DS-02388 WO# 112057 : S/N GT104 GLAT 1774

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# 113107 : S/N GT06-GLAT 1795

TEM CCA; LAT-DS-01646 WO# 112006 : S/N GT106-GLAT 1757

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.)

(2294, 2305, 2323, Fr Lat-Ds-02388, LAT-DS-01481 # 2344)

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

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

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

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

LAT-DS-01646; Rev No. (Drawing - 56)

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

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

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

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

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

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

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: N/A

TR# vs. TPS CCA LAT-DS-02388: N/A

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

29376, 31235
 (for LAT-DS-02388, 29645, 29270 For LAT-DS-01646, 29547/LAT-DS-0283001)

(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
- Review of TEM LAT-DS-01481 Review of TPS Unit LAT-DS-01482
- Review of TEM/TPS Unit LAT-DS-01643

Completed by: Lucinda Martinez

Date: 5-24-05

GTC QA Acceptance: 

Date: 5-24-05

SLAC QAR Acceptance: 

Date: 6.1.05

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

SHIPPER
 SHIPPER NUMBER F17301.2
 SALES ORDER NUMBER F17301
 SHIP DATE 05/10/05
 PAGE 1

S 15356
 O SLAC
 L ACCOUNTS PAYABLE
 D 2575 SAND HILL RD N/505
 MENIO PARK, CA 94025
 T
 O

B 15356
 I SLAC
 L ACCOUNTS PAYABLE
 L 2575 SAND HILL RD N/505
 MENIO PARK, CA 94025
 T
 O

 FOB: DEST TERMS: NET 30 DAYS FMT: PREPAID AND ADD

 CUSTOMERS PO: 0000053627 INVOICE NO:

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

Special Inspection is required.

1	22	EA	LAT-DS-01643	52	1.00	J	129533
			ASSY, UNIT-TEM, TMS			1	129534
			S/N: GT106 GLAT1833,			** 2	** TOTAL
			GT107 GLAT1834.				
			QTY DUE...: 15				

SHIP VIA: ~~GPOR~~ **FXPI**
 WAYBILL#: **6935 6058 5201**
5197

Ref	0000053627	Date	05/10/2005	SHIPPING	0 00
Dep	PRODUCTION	Wgt	59 0 LBS	SPECIAL	0 00
				HANDLING	0 00
		DV		TOTAL	0 00

Svcs: PRIORITY OVERNIGHT
 Sv. TRCK: 6935 6058 5201
 TRCK: 6935 6058 5197

Certificate of Performance

General Technology Corporation hereby certifies that all items in this shipment have been produced, inspected, and found to be in accordance 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.

Evelyn Augustine
 Quality Assurance Manager

Stefan
 Date

GENERAL TECHNOLOGY CORPORATION
 1450 MISSION AVENUE NE
 ALBUQUERQUE, NM 87107

WORK CELL: 1-BTD RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

WPN# LAT-DS-01643
UNID:TEM/TPS

W04 113225
REQ DATE 05-09-05
REL DATE 04-21-05
S08 P17301
PC2 0000053627

CUST #
QTY 1
PROJECT# P17301
CUSE# 15355

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



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

* PROCESS ASSY PER CAA STEP 3.

DATE	QTY	REMARKS	STATUS
5-9-05	1	INSTALL SCREW	AD



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

* PROCESS ASSY PER CAA STEP 4.

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

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

TORQUE TOOL = GTC-A-977
GTC-E-904 CAL DUE DATE: 8.05

DATE	QTY	REMARKS	STATUS
5-9-05	1	30 IW-LB	AD

5-9-05	1	WITNESS TORQUE	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> LW TO DA </div>
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5 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
STAKE BOLT HEADS.

* PROCESS ASSY PER CAA STEP 5.

* RECORD MATERIAL DATA BELOW.

ADMSV 0151: GTC PG# 31403 EXPIRATION DATE 01-31-07
CURE DATE/TIME: START- 8:05 am STOP- 10:05 am

DATE	QTY	REMARKS	STATUS
5/10/05	1		SC-15-87

WORK CELL: 1-BIG RINGER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

//PN# LAT-DS-01843
Z UNIT-TEM/TPS

WOB 111225
REQ DATE 05-06-05
REV DATE 04-21-05
CO# F17301
PO# 0000059627

CUST P#
QTY 1
PROJECT# F17301
CUST# 15350

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
CPE SLDR-0 ASSY-122

* PROCESS ASSY PER CAA STEP 6.

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
5/10/05	1		



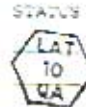
7 290 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
EXAMINE BOX JOINING
AND EID PACKAGE

* PROCESS ASSY PER CAA STEP 7.

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

* UPON ACCEPTANCE, ADDITIONALLY INDICATE BY STAMPING THE
END-ITEM-DATA PACKAGE ON THE CHECKSHEET (FORM GTC-129).

DATE	QTY	REMARKS	STATUS
5-10-05	1	INCORPORATE - S3 DNG CHANGE	



8 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
CPE SLDR-0 ASSY-37

* PROCESS ASSY PER CAA STEP 8.

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

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
5/10/05	1		

MARKING

RECORD MATERIAL DATA

USE EG-100R GTC POP 31201 EXPIRES 4-27-07

LOT # A: 200400080031

LOT # K: 500-07020031

MIR RECORD R-A weight 10 gr it is .07g

MARKING DATE 5-10-05 3:30 pm TACK CURS

5-10-05 1 MARKING & SN LABEL GTS 50016

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER : NEW

PAGE 4

PN# LAT-06-01643
UNIT-DEM/193

WOF# 113229
RPO DATE 05-09-05
RPN DATE 01-31-05
C/N# P17301
TC# 0000053637

CUST #
QTY
PROJECT# P17301
CUST# 18364

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



9 299 00 PACKAGING/SHIPPING INSP 0.0000 0.0000 0.0000
PACKAGING/SHIPPING

* PROCESS ASSEMBLY PER CAA STEP 9.

DATE	QTY	REMARKS	STATUS
5-10-05	1		AB 5-10-05 0248

***** TRAVELER REVISION HISTORY RECORD *****
 CREATED BY: FOR ASSY REV: DATE: 04.26.05
 REPAIR: 53
 ASSY CHG CHG
 PRV BY DATE CHANGE DETAIL

 53 BLK 042605 UPDATED FOR UNITS 4 THRU 22.

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

ASSEMBLY # : LAT-DS-01643
NO QUANTITY : 1
W LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE: 08-03-08
RELEASE DATE : 04-21-08
DATE PRINTED : 08-03-08

PULLED: _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	REQUIREMENTS		REQD IN LOT #	INVLOC NUMBER	INVENTORY DETAIL					
				STATUS	QUANTITY			LOT	LOT DATE	BIN	QUANTITY	LOT LIFE	BINLOC
1	LAT-DS-01487 SCREW, EXTRD CAP, #32X.62 ORIGINAL QUANTITY...	EA	40.00	RSVD	40.00	120307	SKOTS FN-D3 PULLED:	40	08-11-07	IN ASSY			
2	ADHESIVE, HYSCOL, 40Z KIT ORIGINAL QUANTITY...	OZ	1.00	SO	1.00		SKOTS FN-D4 PULLED:	0					

Vertical text on the left margin, possibly a barcode or document ID.

WORK CELL: 1-518 RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

W/SN# LAT-DS-01482
CLASS# 0001 030

W/O 113206
W/REV DATE 05-06-05
W/ISS DATE 04-20-05
COST # 17300
POM 0000048221

CUST #
CITY
PROJECT# P17300
CUST# 15338

*SERIAL NUMBER *****
GT104 GLAT1812

*****APPROVAL*****
PROD: KA/5-3-05
ON: KA/5-3-05

*WORKMANSHIP *****
IPC/21A-J-STD-0010 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.
*RTR 00.28.04*****

LINE DEPT MACH# QTY# DESCRIPTION H C U R S
SET-UP RUN LINE-MACH ST-LOT#



1 000 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000

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

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



2 000 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000

* PROCESS MATERIAL PER CAA STEP 2

DATE	QTY	REMARKS	STATUS
5/3/05	1		<i>[Signature]</i>



WORK CELL: 1-819 RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELER - NEW

PAGE 2

V/PN: 127-08-01482
Y. CLAST, DAO, TSS

NO# 111205
REQ DATE 09-06-05
REL DATE 04-20-05
SQ# F17300
PC# 0000048800

CUST #
QTY 1
PROJECT# F17300
CUST# 10000

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



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

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

SIC PC# 31450 EXP. DATE 5-17-05
 LOT #'S (PT A) 32775 (PT B) 32775
 MIX RECD (PART A WGT) 15g (PART B WGT) 1g

DATE	QTY	REMARKS	STATUS
<u>5-5-05</u>	<u>1</u>	<u>ADHESIVE</u>	<u>RP</u>



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: CT104

DATE	QTY	REMARKS	STATUS
<u>5-5-05</u>	<u>1</u>	<u>INSTALL. BOX</u>	<u>RP</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 CAR TO WITNESS TORQUE PROCESS --
- * RECORD ASSIGNED TOOLS USED, AND CAL DUE DATE, BELOW.

TOOL: QTC-F-931/2 CAL DUE DATE 8.05
 QTC-8-944 CAL DUE DATE 8.05

DATE	QTY	REMARKS	STATUS
<u>5-5-05</u>	<u>1</u>	<u>Torque Fasteners</u>	<u>RP</u>
<u>5.5.05</u>	<u>1</u>	<u>WITNESS TORQUE</u>	<u>RP</u>



TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

Y/PN# LAT-05-01482
K. GLAST, DAO, 1992

WD# 111206
BPO DATE 05-04-05
REL DATE 04-23-05
SC# F17300
PC# 0000048600

CUST #
QTY 1
PROJECT# F17300
COST# 12050

LINE DEPT MACH# OFF 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 OAR TO WITNESS TORQUE PROCESS **
 - * RECORD ASSIGNED TOOLS USED, AND CAL DUE DATE, BELOW.
- TOOL = CTC-E-951/2 CAL DUE DATE 8-05
 CTC-E-944 CAL DUE DATE 8-05

DATE	QTY	REMARKS	STATUS
<u>5/6/05</u>	<u>1</u>	<u>Instal - J2</u>	<u>SC-1587</u>
<u>5/6/05</u>	<u>1</u>	<u>GLATIRZ WITNESS TORQUE</u>	<u>LAT TO CA</u>



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

- * PROCESS ASSY PER CAA STEP 7.
 - ** ALERT SLAC OAR TO WITNESS TORQUE PROCESS **
 - * RECORD ASSIGNED TOOLS USED, AND CAL DUE DATE, BELOW.
- TOOL = CTC-E-951/2 CAL DUE DATE 8-5
 CTC-E-944 CAL DUE DATE 8-5

DATE	QTY	REMARKS	STATUS
<u>5-6-05</u>	<u>1</u>	<u>Instal J2 94/2102</u>	<u>SC-1587</u>
<u>5/6/05</u>	<u>1</u>	<u>GLATIRZ WITNESS TORQUE</u>	<u>LAT TO CA</u>



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 OAR TO WITNESS TORQUE PROCESS **
 - * RECORD ASSIGNED TOOLS USED, AND CAL DUE DATE, BELOW.
- TOOL = CTC-E-951/2 CAL DUE DATE 8-5
 CTC-E-944 CAL DUE DATE 8-5

DATE	QTY	REMARKS	STATUS
<u>5-6-05</u>	<u>1</u>	<u>Instal J1 94/2102</u>	<u>SC-1587</u>
<u>5/6/05</u>	<u>1</u>	<u>GLATIRZ WITNESS TORQUE</u>	<u>LAT TO CA</u>

V/P# 107 DS 01483
Y. GLAST, DAO, 175

WO# 113206
REV DATE 04-26-05
REL DATE 04-20-05
SO# 017300
PO# 0000048800

CUST #
QTY 1
PROJECT# 217300
CUST# 19358

LINE DEPT MACH# OP# DESCRIPTION..... H O U R S
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# 2443 EXPIRATION DATE 1-31-07
CURE DATE/TIME: START- 12:00 STOP- 2:00

DATE	QTY	REMARKS	STATUS
5-6-05	1	STAKE BOLT	AP



10 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
STAKE J2 HARDWARE

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

ADHSV 0151: GTC PO# 31403 EXPIRATION DATE 1-31-07
CURE DATE/TIME: START- 12:00 STOP- 2:00

DATE	QTY	REMARKS	STATUS
5-6-05	1	STAKE J2	AP



11 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
STAKE J2 CABLE TIES

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

ADHSV 0151: GTC PO# 31403 EXPIRATION DATE 1-31-07
CURE DATE/TIME: START- 12:00 STOP- 2:00

DATE	QTY	REMARKS	STATUS
5-6-05	1	STAKE J2	AP

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 6

V/P# 127-25 01440
Z GLAST, DAD, 199

WOB 112100
REQ DATE 04-00-05
CAL DATE 04-20-05
COST 017300
PO# 0000148800

CUST #
CITY
PROJECT# 117100
COST# 10000

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



12 010 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
STAKE J1 MARKWARE

* PROCESS ASSY PER CAA STEP 12.

* RECORD MATERIAL DATA BELOW: 0151

ADHSV 0151, GTC PO# 24403 EXPIRATION DATE 1-31-07

CURE DATE/TIME: START- 1200 STOP- 200

DATE QTY REMARKS STATUS
5-6-05 1 STAKE J1 IP



13 010 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
MARKING (SH LABEL)

* PROCESS ASSY PER CAA STEP 13.

DATE QTY REMARKS STATUS
5-6-05 1 MAKING LABEL IP



14 090 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
DEF: SLR-0 ASSY-257

* PROCESS ASSY PER CAA STEP 14.

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE QTY REMARKS STATUS
5/6/05 1 _____ IP



15 080 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
EXAMINE ASSY PAT-CLOSE

* PROCESS ASSY PER CAA STEP 15.

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE QTY REMARKS STATUS
5-6-05 1 SRT 1512 IP



WORK CELL - 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 6

VFN# LAT-DS-01480
SLAC, DAO, TFS

WOB# 112106
REQ DATE 03-05-05
REL DATE 04-11-05
SOS# 217370
PC# 0000049900

CUST #
QTY
PROJECT# 217900
CUST# 15355

LINE MACHS QTY DESCRIPTION SEC-UP RIN... LINE-MACH ST-DGT



15 211 00 CCA/BLACK BOX ASSY AREA 0 0000 0.0000 0.0000
INSTALL LID

PROCESS ASSY PER CAA STEP 16.

DATE	QTY	REMARKS	STATUS
5/6/05	1	INSTALL LID	AD



17 211 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 TOOLS USED, AND CAL DUE DATE, BELOW.

TOOL # GTC-1-951/2 CAL DUE DATE 8.05

GTC-E-044 CAL DUE DATE 8.05

DATE	QTY	REMARKS	IN STATUS
5-6-05	1	Torque Fasteners 127.52	NT

5/6/05	1	WITNESS ERROR	LAT 10 GA
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18 000 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
CPR, SLDR-C ASSY-61

PROCESS ASSY PER CAA STEP 18

RECORD DEFECT REPORT NO. IF APPLICABLE

DATE	QTY	REMARKS	STATUS
5/6/05	1		GTC 0/3

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 7

V/P#s LAT-05 01682
V. GLAST. DAO 178

NOV 11 2005
REL. DATE 03-06-05
REL. DATE 04-20-05
001 017000
008 000148800

CUST #
QTY 1
PROJECT# 217300
CUR# 15156

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



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

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

ADHSV 1151: QTC P0# C1570 EXPIRATION DATE 1-31-07
CURE DATE/TIME: START- 12:00 STOP-

DATE	QTY	REMARKS	STATUS
<u>5-6-05</u>	<u>1</u>	<u>STAKE BOLT</u>	<u>KT</u>



20 250 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
CVAI SLDX-0 ASSY 40

- * PROCESS ASSY PER CAA STEP 20
- RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
<u>5/9/05</u>	<u>1</u>		



21 260 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
CUSTOMER SOURCE INSP

- * PROCESS ASSY PER CAA STEP 21
- RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
<u>5-9-05</u>	<u>1</u>	<u>GLAT 1812</u>	

***** TRAVELER REVISION HISTORY RECORD *****
 CREATED BY: FOR ASSY REV: DATE: CUSC#
 UPKIN 00
 LCVY ENG ENG
 REV BY DATE CHANGE DETAIL
 00 00000 *****
 00 00000 RELEASED AT REV 00, AND CAA AT REV -1

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

ASSEMBLY # : LAT-DS-01482
MO QUANTITY : 1
MAP LOCATION : W03

BY LINE ITEM

EFFECTIVITY DATE: 15-05-07
RELEASE DATE : 04-03-07
DATE PRINTED : 04-03-07

I PULLED

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	RESV IN LOT #	INVLCC	LOC NUMBER	INVENTORY DETAIL				
								QUANTITY	LOT LIFE	BIN/LOC	BIN QUANTITY	
1	LAT-DS-00995 BASE BOX TPS ORIGINAL QUANTITY	EA	1.00	RSVD	1.00 121222	SKCF2 FN-1	121222	1	00	07-07-07	SLAC	
2	LAT-DS-00996 LID BOX TPS ORIGINAL QUANTITY	EA	1.00	RSVD	1.00 121224	SKCF1 FN-2	121224	1	00	08-30-07	SLAC	
3	LAT-DS-02339 CCL CLAST TPS ORIGINAL QUANTITY	EA	1.00	BO	1.00	SKCF2 FN-1		0	00			
4	MA1152204+6 COREN ORIGINAL QUANTITY	EA	30.00	RSVD	30.00 115012	SKCF2 FN-4	115012	205	00	09-27-04	LOT 115	
								123	00	04-13-05	IN ASSY	
5	MA1152204 WASHER FLAT SS 115* ORIGINAL QUANTITY	EA	32.00	BO	32.00	SKCF2 FN-5		0	00			
6	MA1152204+4 COREN ORIGINAL QUANTITY	EA	20.00	RSVD	20.00 115015	SKCF2 FN-6	115015	204	00	09-27-04	#17000	
								04	00	02-16-04	IN ASSY	
	C16 ADHESIVE, HV502 402 KIT ORIGINAL QUANTITY	OE	1.00	BO	1.00	SKCF2 FN-7		0	00			
8	CV-39.6 REV HV502 TECH ORIGINAL QUANTITY	OE	1.00	BO	1.00	SKCF2 FN-8		0	00			
9	BL11M-018 STR CABLE LOCKING BANDUIT ORIGINAL QUANTITY	EA	5.00	BO	5.00	SKCF2 FN-9		0	00			
10	MS11045 01 HV502 LOCKING BODDED P ORIGINAL QUANTITY	EA	4.00	BO	4.00	SKCF2 FN-11		0	00			
11	CV-39.6 ADHESIVE ORIGINAL QUANTITY	OE	0.01	BO	0.01	SKCF2 FN-11		0	00			
12	LAT-DS-18818 LASS 20 ORIGINAL QUANTITY	EA	1.00	BO	1.00	SKCF2 FN-11		0	00			

WORK ORDER 113206

NEW

WORK ORDER PICK LIST

PAGE: 1

ASSEMBLY # : LAD-09-00480
QUANTITY : 1
LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE: 05-03-08
RELEASE DATE : 04-30-08
DATE PRINTED : 10-09-08

E PULLED

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UOM	REQUIREMENTS			REQ. IN	LOT #	INVLOC NUMBER	SHEETS PN-13	MULLED:	INVENTORY DETAIL						
			REQUIRED QUANTITY	CURR STATUS	STAT QUANTITY						LOT	LOT DATE	BIN	QUANTITY	LOT LIFE	BINLOC	QUANTITY
13	9-22-SS-0440 JACKPOST, M.F. 410X 18X.31 ORIGINAL QUANTITY	EA	2.00	BO	2.00						3.00						

OK

CUSTOMER: SLAC

WORK ORDER TRAVELLER - NEW

PAGE 1

W# 112057
 REV DATE 02-10-05
 REL DATE 12-01-04
 POC 0000048800

CUST #
 PROJ # 117300
 COST# 15356

AIRIAL NUMBER ----- APPROVAL:-----
 ET104 GLAT1774 PROD: *[Signature]* 2/10/05
[Signature] 2/10/05

WORKMANSHIP-----
 IPC/EMA-J-STD-001C CLASS 1: WITH 'CS' SPACE SUPPLEMENT
 SLAC CAR MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE
 OF ANY STEP OF THE TRAVELER/WORK ORDER. SLAC CAR MAY
 INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP.

*gth 02.07.05-----

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



1 000 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000
 CONFIG

***** CONFIGURATION DOCUMENTS *****
 ASSY IWS LAT-DS-02388 REV PD/PL OUTSTANDING EC'S
 DIM 70 LAT-13-08391 58 NONE
 CUST ROW LAT-96-00078 03 NONE
 ESS TEST: N/A
 ASSY AID: LAT-DS-02388 (RELEASED PER EC 00001)
 CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)
 BUILD DOCUMENTS
 USE WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS.
 (REV'D)/PREP'D BY: GH (DATE/DATE): 02.07.05

[Signature] 4-28-05

DATE	QTY	REMARKS	STATUS
2-10-05			<i>[Signature]</i>



0 001 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
2/10/05	1		



[Handwritten notes and signatures]
 Kitting
 Kitting
 Kitting

WDAV CELL 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

ASSY/OPS LAT-DC 02388
CAA CLAST: 170

NO# 112057
DEPT DATE 12-10-05
REV DATE 12-31-04
PUR# 000006800

CUST #
QTY
PROJECT# 117300
CUR# 19456

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



3 210 00 CAA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
MARK QTC SN

* PROCESS PER CAA STEP 3

DATE... QTY... REMARKS STATUS
2-11-05 1 SET-UP



4 210 00 SMT ASSY LINE 0.0000 0.0000 0.0000
P&S-SMT BAKEDOUT

* PROCESS PER CAA STEP 4

RECORD BAKE DATE-TIME START/STOP BELOW

BAKE DATE: 2-11-05 START: 2:15:00 STOP: 10:10:00

DATE... QTY... REMARKS STATUS
2-11-05 1 Bt



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

* PROCESS PER CAA STEP 5

RECORD SOLDER PASTE DATA BELOW

QTC FOR 31729 EXPIRATION DATE 2/14/05

DATE... QTY... REMARKS STATUS
2-11-05 1 SMT



7 210 00 SMT ASSY LINE 0.0000 0.0000 0.0000
PICK-N-PLACE PARTS

* PROCESS PER CAA STEP 6

DATE... QTY... REMARKS STATUS
2-11-05 1 TP-11

C35 .0079
C112 .0072
R23 .0070
Q10 .0067
~~D509~~
R680 .0078

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

V/ISS# 1AT-DS-00388
GLASS# 775

WO# 112097
DATE 02-10-05
DATE 02-01-04
CUST# 1
PROJECT# 117800
CUST# 18356

0700048800

LINE DEPT MCHT CWR DESCRIPTION HOURS
SET-UP RUN... LINE-MACH ST-LOT



7 211 00 SMT ASSY LINE
SOLDER REFLUX 0.0000 0.0000 0.0000

PROCESS PER CAA STEP 7

DATE	QTY	REMARKS	STATUS
2-11-05	1		TR



8 211 00 SMT ASSY LINE
ACQUOUS CLEAN 0.0000 0.0000 0.0000

PROCESS PER CAA STEP 8

DATE	QTY	REMARKS	STATUS
2-11-05	1		TR



9 291 01 QUALITY ASSURANCE AREA
CPE: SLDX-1058 ASSY-1649 0.0000 0.0000 0.0000

PROCESS PER CAA STEP 9

RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

DATE: 29376

DATE	QTY	REMARKS	STATUS
2/14/05	1		
2/15/05	1	Rework Complete	
2/25/05	1	F/A before reflow	



Short D500 still



10 211 00 SMT ASSY LINE
SOLDER PASTE SQUEEZE
TOP SIDE 0.0000 0.0000 0.0000

PROCESS PER CAA STEP 10

RECORD SOLDER PASTE DATA BELOW:

EXP. DATE: 7/14/05

DATE	QTY	REMARKS	STATUS
2-20-05	1		TR

34 - .0075
4504 - .0078
6559 - .0073
6659 - .0075
114 - .0074

WORK CDD: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 4

PROJ: 008 LAT-US-02366
GLAST: 793

WCH 112087
REVISED DATE 03-10-05
CUST # 0000048800

CUST #
PROJ QTY 1
CUST# 10192
CUST# 10192

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



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

* PROCESS PER CAA STEP 11.

DATE	QTY	REMARKS	STATUS
2/18/05	1	Short DISCO	RE OK



12 213 00 SMT ASSY LINE BOLDER REFLOW 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 12.

DATE	QTY	REMARKS	STATUS
2/18/05	1		RE



13 213 00 SMT ASSY LINE ACCESSORY CLEAN 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 13

DATE	QTY	REMARKS	STATUS
2/18/05	1		BT



14 213 00 QUALITY ASSURANCE AREA OFE: 810R-1421 ASSY-786 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 14

** REQUIRED DEFECT REPORT NUMBER(S) BELOW

DEFECT: 29376

DATE	QTY	REMARKS	STATUS
2/12/05	1		
2/15/05	1	Rework Complete	87C 84

WORK ORDER: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELER - NEW

PAGE 3

WV/P# LAC-06 02388
GLAST, CPS

NO: 112057
REQ DATE: 01-10-05
REL DATE: 12-01-04
SOP
PO# 0100048810

CUST #
QTY
PROJECT# 247300
CUST# 15366

LINE MATCH CPH DESCRIPTION HOURS
SET-UP AUN... LINE-MATCH ST-LOC



15 310 00 OCA/BLACK BOX ASSY AREA
PIN THRU-HOLE PARTS 0.0000 0.0000 0.0000

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

CRAP(S)

DATE	QTY	REMARKS	STATUS
2/23/05	1		ADP920

NOTE CAPACITORS RYKELL ARE SERIALIZED WITH #TAG REMOVE #TAGS.

GA 3080 2-17-05

inspected 20 wires (2-23-05)
2.25hr
inspected 35 wires (2-23-05)
2.25hr

15.5 Touchup solder joints.



15 311 00 OCA/BLACK BOX ASSY AREA
MECH ASSY - HTSNAS/VRS 0.0000 0.0000 0.0000

- * PROCESS PER CAA STEP 16.
- * RECORD ADHESIVE DATA BELOW:
GTC POP 31450 EXPIRATION DATE 05/17/05
- * RECORD ASSIGNED TOOLS USED, AND CAL DUE DATE, BELOW.
TOOL = GTC-E-951 1/2 CAL DUE DATE 08/05

DATE	QTY	REMARKS	STATUS
02/23/05	01	Torqued at 125 (std hardware)	FTC 1283
02/23/05	01	Torqued at 65 (VRS filter)	Kit

15.6 clean

2-23-05



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

- * PROCESS PER CAA STEP 17
- | DATE | QTY | REMARKS | STATUS |
|----------|-----|----------------------|--------|
| 02/24/05 | 6/5 | cut & stripped wires | Kit |
| 02/24/05 | | tinned wires | Kit |

← special in-process QA examination of wires prep

02/24/05
inspecting wires 2/24/05
5

inspecting wires 2/24/05
5

WORK CTR: 4-MIXED

CUSTOMER: SIAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 6

Y/BSP LAG-03-01355
CLAST. TFS

WCR 112197
WCR ASSY DATE 02-19-05
WCR DATE 10-01-04
WCR 0000048800

CUST TR QTY 1
PROJECTS 217000
WCR 13350

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

19 210 00 CCA/BLACK BOX ASSY AREA
INSTALL/SOLDER R1, R2
PROCESS PER CAA STEP 18.

DATE	QTY	REMARKS	STATUS

19 210 00 CCA/BLACK BOX ASSY AREA
INSTALL/SOLDER IC WIRES
PROCESS PER CAA STEP 19.

DATE	QTY	REMARKS	STATUS
07-29-05	1	Installed wires	OK

20 210 00 QUALITY ASSURANCE AREA
STD: SLD-70 ASSY-41
PROCESS PER CAA STEP 20.
RECORD DEFECT RECORD REPORT NUMBER(S) BELOW.
DR# IS

DATE	QTY	REMARKS	STATUS
2/28/05	1		

21 210 00 CCA/BLACK BOX ASSY AREA
MECH ASSY-BOTTOM ICE
PROCESS PER CAA STEP 21.
RECORD ADHESIVE DATA BELOW.
TIC # = 21450 EXPIRATION DATE 05-17-05
RECORD ASSIGNED TOOL# USED, AND CAL DUE DATE, BELOW.
TOL# = CTC-2-484 CAL DUE DATE to 28-05

DATE	QTY	REMARKS	STATUS
02-25-05	1		OK

move install + solder
TO STEP 26
ME 2-25-05

26
ME
2-25-05

OK
592

OK
592

OK
592

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER: NEM

PAGE 7

WIP# INT-15-0388
LAST: 159

W# 112087
ADO DATE 02-10-05
REL DATE 12-01-04
SC#
PC# 0000048900

CUST PR
QTY
PROJECT# 717300
COST# 18356

LINE DEPT MACH# OPA DESCRIPTION..... SET-UP RLN... LIVE-MACH ST-LOT



22 000 00 OCA/BLACK BOX ASSY AREA 0 0000 0.0000 0.0000
INSTALL/SOLDER WIRES-IC8

* PROCESS PER OPA STEP 20.

DATE... QTY... REMARKS
03-01-05 1

STC 592 M.D.



23 000 00 QUALITY ASSURANCE AREA 0 0000 0.0000 0.0000
WIP: 5009-35 ASSY-26

* PROCESS PER OPA STEP 23.

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

DEFECT#:

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

STATUS



24 000 00 OCA/BLACK BOX ASSY AREA 0 0000 0.0000 0.0000
INSTALL/SOLDER Q904, Q904

* PROCESS PER OPA STEP 24.

** RECORD ADHESIVE DATA BELOW:

STC P# 31450 EXPIRATION DATE 03/17/05

DATE... QTY... REMARKS
03-02-05 1

STC 592



25 000 00 OCA/BLACK BOX ASSY AREA 0 0000 0.0000 0.0000
INSTALL/SOLDER CAPS

* PROCESS PER OPA STEP 25.

DATE... QTY... REMARKS
03-03-05 1

STC 592 M.D.

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER: TRAVELLER - NEW

PAGE 3

1/2005 LAT-DR-03388
GLASS TFS

NO# 112057
DATE 02-10-05
DATE 02-01-04
COST# 0000148800

CUST #
CITY
PROJECT# 217300
COST# 13188

10# DEPT MAJ# CP# DESCRIPTION..... HOURS
SET-UP RUN LINE-MAK ST-LOT.



26 210 00 CCA/BLACK BOX ASSY AREA 0 0000 0.0000 0.0000
INSTALL SOLDER F. R.

* PROCESS PER CAA STEP 26. *R1 & R2 ME 2-25-05*

DATE	QTY	REMARKS	STATUS
03-03-05	1		592 M.D.



27 210 00 QUALITY ASSURANCE AREA 0 0000 0.0000 0.0000
CPT: SLOC 74 ASSY-33

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

ERR#(S):

DATE	QTY	REMARKS	STATUS
3/3/05	1		592 M.D.



28 000 00 SPCA ICT 0.0000 0.0000 0.0000
SPCA TEST

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

ERR#(S):

DATE	QTY	REMARKS	STATUS
03/04/05	1	SW: GAT104 (0502) was not installed / o passed	



29 017 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
INSTALL SOLDER TO CATCH
SIDE I/P-R/W I-CHECK
SIDE I/P-R/W I-CHECK

* PROCESS PER CAA STEP 29

DATE	QTY	REMARKS	STATUS
03-09-05	1	<i>ByP(1288) 03/09/05</i> <i>ByP(1288) 03/09/05</i> <i>ByP(1288) 03/09/05</i>	592 M.D.

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

WBY/BN: LAT-05-02088
CLAST: 799

WID: 112007
REQ DATE: 02-10-05
REQ DATE: 12-01-04
PO# 0000049800

CUST #
PROJECT # 1
COST# 103307
10384

PAGE 9

LINE DETAIL MACHINE DESCRIPTION..... SET UP RUN... LINE-MACH ST-DOO



00	010	00	CCA/BLACK BOX ASSY AREA INSTALL/SOLDER O/P CABLE SLER O/P-ROW 1-CHECK	0.0000	0.0000	0.0000
			SLER O/P-ROW 2-CHECK			
			SLER O/P-ROW 3-CHECK			
			SLER O/P-ROW 4-CHECK			

03/10/05 ByP(1288)
03/10/05 ME(1337)
03/10/05 ByP(1288)
03/10/05 ME(1374)

03/09/05 filled D500 shorts
ByP
03/09/05

* PROCESS PER CAA STEP 30

DATE	QTY	REMARKS	STATUS
03-10-05	1		ME



00	000	00	QUALITY ASSURANCE AREA OFF: SDR-93 ASSY-107	0.0000	0.0000	0.0000
----	-----	----	--	--------	--------	--------

* PROCESS PER CAA STEP 31

** RECORD DETECT RECORD REPORT NUMBER(S) BELOW:

DAYS:

DATE	QTY	REMARKS	STATUS
3/10/05	1		ME



10	010	00	CCA/BLACK BOX ASSY AREA HANDS CLEAN	0.0000	0.0000	0.0000
----	-----	----	--	--------	--------	--------

AGUECUS clean ME 3-11-05

* PROCESS PER CAA STEP 32

DATE	QTY	REMARKS	STATUS
3-11-05	1		ME

104

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 10

W# 112097
REQ DATE 03-10-05
REL DATE 12-01-05

W# 112097
REQ DATE 03-10-05
REL DATE 12-01-05
P# 0000248500

CUST #
CITY
PROJECT# 117300
COST# 15185

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



33 250 00 COATING/POTTING AREA 0.0000 0.0000 0.0000
POT WITH ROV - CABLE
DOL-1102

PROCESS PER CAA STEP 31 - step 40 W/E 3-11-05
RTV DC6-1104 P# 31695 EXPIRATION DATE 7-10-05
SEE ADHESIVE 0151 APPLICATION FOR CURE DATA

W/E & SKIN
INDIVIDUAL S(0.0)

DATE QTY REMARKS STATUS
3-11-05 1 W/E

3-11-05 1 *inspections & potting*

"15" #41
TRANSFER ID: JLT



33 250 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
STAKE WITH ROV - W/E
DOL-1102

PROCESS PER CAA STEP 34 - step 41 W/E 3-11-05
RTV DC6-1107 P# 31695 EXP. DATE 7-10-05

34.6 Package + Stakes
JLT 3/11/05

DATE QTY REMARKS STATUS
3-11-05 1 W/E



33 250 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
POTTING/STAKING ICS

PROCESS CAA PER CAA STEP 35 - step 41 W/E 3-11-05

W/E 3-11-05
JLT

DATE QTY REMARKS STATUS
3-11-05 1 W/E

W/E 3-11-05
JLT

RTV-DC6-1104 P# 31695 exp. date 7-10-05

KORK CELL, 4-MIXED

CUSTOMER, SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 11

V/SN# LAT-DE-02388
LAST, TFS

WO# 110057
REQ DATE 02-10-05
REL DATE 12-01-04
SO#
PO# 0000048800

CUST #
QTY
PROJECT# 747200
CUST# 10900

LINE DEPT MACH# OP# DESCRIPTION..... HOURS
SEC-OP RUN LIVE MACH ST-LOT



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

* PROCESS PER CAA STEP 14

ADHESIVE 0151, GTC FOR 30156 EXPIRATION DATE 01-07

~~DATE DATE STAGE STOP~~

DATE QTY REMARKS STATUS
3-11-05 1 KIT

Cure at step 40
KIT
3-11-05



37 210 00 CCA/BLACK BOX ASSY AREA
INSTALL/STAKE SUPPORTR 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 17

ADHESIVE 0151, GTC FOR 30156 EXPIRATION DATE 01-07

~~DATE DATE STAGE STOP~~

DATE QTY REMARKS STATUS
3-1-05 1 KIT

Cure at step 40
KIT
3-11-05



38 210 00 CCA/BLACK BOX ASSY AREA
STAKE COMPONENTS - C850
C850, P2-FS 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 36

ADHESIVE 0151, GTC FOR 30156 EXPIRATION DATE 01-07

~~DATE DATE STAGE STOP~~

DATE QTY REMARKS STATUS
3-1-05 1 KIT

Cure at step 40
KIT
3-11-05

WORK BILL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

SY/DNA LAP-05-02388
CAST: TFS

W# 111047
WFO DATE 12-10-05
WEN DATE 12-01-01
WOW
WOB 0000048800

CUST #
QTY
PROJECTS
CUST#

PAGE 11

LINE DEPT MATR# OPS DESCRIPTION..... HOURS

SET-UP RUN LINE-MAIN ST-LOT



19 210 00 CCA/BLACK BOX ASSY AREA
STAKE INDUCTORS 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 39

ADHESIVE 0151, QTY PC# 30156 EXPIRATION DATE 01-07

CURE DATE 3-11-05 START 8:00 AM STOP 8:00 AM

*cure at step 40
104
3-11-05*

DATE	QTY	REMARKS	STATUS
3-11-05	1		ICat



40 310 00 CCA/BLACK BOX ASSY AREA
STAKE CAPACITORS AND R22, R1 & R2 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 40.

ADHESIVE 0151, QTY PC# 30156 EXPIRATION DATE 01-07

CURE DATE 3-11-05 START 6:15 PM STOP 8:15 PM

STY 4-28-05

DATE	QTY	REMARKS	STATUS
3-11-05	1		ICat
4-28-05	1	staked R22	PO 1946
4-28-05	1	baked R22 10:30AM - 12:30 PM	PO 1946

*PO # 31403 exp date 1/31/06
mix = Part A: 31g Part B: 1.0g*



41 290 00 QUALITY ASSURANCE AREA
OPS: SLEK-0 ASSY-97 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 41.

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

DEF#:

DATE	QTY	REMARKS	STATUS
3/2/05	1		

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

WV/PW LAT DS-02388
GLAST, TPS

W# 11257
ADD DATE 02-10-05
REL DATE 12-01-04
SOP
PDR 0000049810

UOST #
QTY 1
PROJECTS F17301
CUST# 15356

PAGE 13

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



42 232 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
SLAC QAR INSPECTION * MIP

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

DATE QTY REMARKS
01-12-05 1 GT 09 GLAT 1774



43 232 00 PACKAGING/SHIPPING INSP 0.0000 0.0000 0.0000
PACKAGE & SHIP CCA FOR
TEST & CUSTOMER

* PROCESS PER CAA STEP 43

DATE QTY REMARKS STATUS
3-12-05 1 9AB 27018



44 232 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
RECEIVING INSPECTION

* PROCESS PER CAA STEP 44.

** RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

CRAP(S)

DATE QTY REMARKS STATUS
3/14 1
4/13/04 1



45 232 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
SLAC QAR PER CCA INSP.
MANDATORY INSPECTION
POINT (BEST POINT)

* PROCESS PER CAA STEP 45.

DATE QTY REMARKS STATUS
4-15-05 1 NCMR 2294 - 36.815
NCMR 2305 - REVOK
NCMR 2223 - 12E WOK



4/27/05

WORK CELL: 4-MIXED

CUSTOMER: STAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 14

LINE: 147-DS-02388
GLASS: 788

WO# 112057
MRO DATE 02-10-06
MPL DATE 10-01-04
COP#
COW# 0000048800

CUST #
QTY 1
MATERIALS
LOCATIONS
COST#

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



46 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000

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

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

DATE	QTY	REMARKS	STATUS
4/28/05	1	Washed	mm-168
4/29/05	1	Washed	Rm 1212
		cleanliness	JA



47 210 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000

DEF. GLDR-0 ASSY-7

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

TR415

DATE	QTY	REMARKS	STATUS
4/29/05	1		



48 210 00 COATING/BOTTING AREA 0.0000 0.0000 0.0000

BAVE-OUT AND WASH

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

BAKE DATE: 5/07/05 START: 8:30am STOP: 9:30am

DATE	QTY	REMARKS	STATUS
5/07/05	1	7/7/05K	SPB

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER: NEW

PAGE 15

PLN LAC-DS-02388
GLAST. OPS

WORKORD# 112057
DATE 02-10-05
DATE 12-01-04
CUST # 0000048800

PROJ# 1
QTY 1
CUST# 117700
CUST# 19356

LINE PRPT MACH# QTY DESCRIPTION HOURS
SET-UP RUN LINE-MACH ST-LOG



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

* PROCESS CAA PER CAA STEP 49.

CONFORMAL COATING FOR 31201 EXPIRATION DATE 6/30/05
AIR CURE DATE 5/02/05 START 12:20PM STOP 2:30PM

DATE QTY REMARKS STATUS
5/02/05 1 COAT DM



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

* PROCESS CAA PER CAA STEP 50.

OVEN CURE DATE 5/02/05 START 2:30PM STOP 3:50PM

OVEN CURE DATE 5/12/05 START 7:00PM STOP 8:00PM

DATE QTY REMARKS STATUS
5-12-05 1 Demark - Touch up HW



51 300 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
CPE SLD-0 ASSY-7

* 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...
- APRA TEST REPORTS...
- INSPECTION REPORTS...
- NON-CONFORMANCE REPORTS...
- TEST ITEM DATA PACKAGE FORM...
- ADDITIONAL PHOTOGRAPHS, RECORDED ONTO CD...

IA # 31235

DATE QTY REMARKS STATUS
5/3/05 1

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 18

7 W/ONS LAT-DS-02388
SLAGT. CTR

WOB 112297
REQ. DATE 02-10-05
REQ. DATE 12-01-04
WOB# 0000048800

CUST #
QTY 1
PROJECT# P27800
COST# 15358

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



52 241 00 SOURCE INSPECTION 0.0000 0.0000 1 0200
CST

* PROCESS CAA PER CAA STEP 62.

NOTE: NEXT ASSEMBLY IS LAT-DS-11482.

DATE... QTY... REMARKS
5.4.05 / 1 GLAT 1774



SERIAL NUMBER APPROVAL.....
FACD. /
QA. /

WORKMANSHIP.....
121.10A-3 STD-1010 CLASS 3, WITH "CR" SPACE SUPPLEMENT
SLAC QAS MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE
OF ANY STEP OF THE TRAVELER/WORK ORDER. SLAC QAS MAY
INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP
with 00 08 02.....

WORK ORDER : 112007

(NEW)

WORK ORDER PICK LIST

PAGE: 1

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

BY LINE ITEM

EFFECTIVITY DATE: 02-10-05
RELEASE DATE : 12-01-04
DATE PRINTED : 02-11-09

: GUARD:

PULLED BY:

LT#	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STAT	REQUIREMENTS QUANTITY	RESV IN LOC #	INVLOC	LOT NUMBER	INVENTORY DETAIL			
									LOT QUANTITY	LOT DATE	BIN/LOC	SIN QUANTITY
1	LAT-DS-02389 ASSY. CLAS. TFS ORIGINAL QUANTITY...	EA	1.00				SK2 FN-01		0.00			
			1.00				SKCF2	120305	19.00	09-11-07		
				RSVD	1.00	120305						
2	LAT-DS-02390-01 ASSY. CABLE TFS I/P PKW ORIGINAL QUANTITY...	EA	1.00	BO	1.00		SK2 FN-(D2)	17.02	0.00			
			1.00				SKCF2		0.00			
3	LAT-DS-02465 HEAT SHNK TFS ORIGINAL QUANTITY...	EA	4.00				SK2 FN-D3		0.00			
			4.00				SKCF2	115014	82.00	06-23-07		
				RSVD	1.00	115014						
4	LAT-DS-02831-01 ASSY. CABLE TFS O/P PKW ORIGINAL QUANTITY...	EA	1.00	BO	1.00		SK2 FN-(D4)	16.00	0.00			
			1.00				SKCF2		0.00			
5	LAT-DS-03598 SUPPORT CABLE HARNESS ORIGINAL QUANTITY...	EA	2.00				SK2 FN-D21		0.00			
			2.00				SKCF2	115020	22.00	09-27-04	PLAS	
				RSVD	2.00	115020						
								120306	23.00	09-11-07	IN ASSY	
6	LAT-DS-05535 LABEL SN ORIGINAL QUANTITY...	EA	1.00	BO	1.00		SK2 FN-D22		0.00			
			1.00				SKCF2		0.00			
7	NAS1149CM132K WASHER ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	90129	SK2 FN-D2	90129	16.00	09-01-03	A4F	
			4.00				SKCF2	90294	6.00	07-21-01		
							SKCF4	100010	189.00	09-27-04	LOT 115	

104

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

BY LINE ITEM

EFFECTIVITY DATE: 02-10-05
 RELEASE DATE : 12-01-04
 DATE PRINTED : 02 11-08

PULLED:

PULLED BY:

LINE #	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL				
			REQUIRED QUANTITY	CURR STATUS				QUANTITY	LOT	LOT DATE	BINLOC	QTY
8	NAS67104 NUT #8 SM PAT ORIGINAL QUANTITY...	EA	19.00	RSVD	19.00	117403	SK2 FN-6	117403	133.00	11-04-04	DH	
									19			
									542.00	12-02-05		
									910.00	02-02-05		
									500.00	02-03-05		
									500.00	02-02-05		
									15.00	08-19-03	CFSD	
									422.00	10-28-04		
9	NAS1892N06-6 SCREW ORIGINAL QUANTITY...	EA	7.00	RSVD	7.00	115011	SK2 FN-D7	115011	7.00	09-27-04		
									7			
									149.00	09-27-04		
10	NAS1550N14-6 SCREW ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114832	SK2 FN-D8	114832	0.00	05-23-04	LOT 115	
									4			
									540.00	05-23-04		
									712.00	09-27-04	IN ASSY	
11	NAS11450N632R WASHER ORIGINAL QUANTITY...	EA	19.00	RSVD	19.00	115010	SK2 FN-D9	115010	0.00	09-27-04		
									19			
									403.00	09-27-04		
12	NAS67104 NUT #8 SM PAT 4-40CHKD ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	122091	SK2 FN-D10	122091	245.00	01-20-05		
									4			
									54.00	12-17-04	HW7	
									48.00	01-20-05		
									64.00	11-20-05		

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

BY LINE ITEM

EFFECTIVITY DATE: 02-10-01
RELEASE DATE : 12-31-04
DATE PRINTED : 02-11-05

DATE PULLED: _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UOM	REQUIRED QUANTITY	CURR STATUS	RESV IN LOT #	INVLDC NUMBER	LOT NUMBER	INVENTORY DETAIL		
								QUANTITY	LOT DATE	BIN
12	NAS87104 NUT, HEX, SS, PASS, 4-40 UNF Cont from prior page.	EA	4.00				122180	250.00	01-21-05	
							FN-D10 PULLED:			
							123196	2000.00	02-04-05	
							FN-D10 PULLED:			
							123384	320.00	02-07-05	
							FN-D10 PULLED:			
							123397	610.00	02-07-05	
							FN-D10 PULLED:			
							123512	80.00	02-07-05	
							FN-D10 PULLED:			
							123521	155.00	02-07-05	
							FN-D10 PULLED:			
							123532	160.00	02-07-05	
							FN-D10 PULLED:			
							123601	200.00	02-07-05	
							FN-D10 PULLED:			
							SKCP2 115009	31.00	09-27-04	LOT 115
							PULLED:			
13	CV-2046 KIT, NYLON TECH ORIGINAL QUANTITY...	QT	1.00	BO	1.00		SK2 FN-D11	0.00		
							SKCP2	0.00		
							PULLED:			
14	0151 ADHESIVE, NYLON 402 KIT ORIGINAL QUANTITY...	QT	1.00	BO	1.00		SK2 FN-D12	0.00		
							SKCP2	0.00		
							PULLED:			
15	BLTIM-076 TIE CABLE LOCKING BANDUIT ORIGINAL QUANTITY...	EA	5.00	BO	5.00		SK2 FN-D15	0.00		
							SKCP2	0.00		
							PULLED:			
16	8750 CONFORMAL COATING URETHANE ORIGINAL QUANTITY...	QT	1.00	BO	1.00		SK2 FN-D11	0.00		
							SKCP2	0.00		
							PULLED:			

Handwritten notes:
11-2-05
[Signature]

ASSEMBLY # : LAT-DG-02398
NO QUANTITY : 1
WIP LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE: 02-10-05
RELEASE DATE : 12-31-04
DATE PRINTED : 02-11-05

PULLED:

FULLED BY:

LINE #	PART NUMBER AND DESCRIPTION	UM	REQD QTY	CURR STAT	REQUIREMENTS		INVL	LOC	INVENTORY DETAIL				
					RESV IN	LOT #			LOT	DATE	BIN	QTY	
17	DC6-1104 ADHESIVE ORIGINAL QUANTITY...	OZ	1.00	BO	1.00		SK2 FN-D18		0.00				
			1.00										
18	M20759/11-24-9 WIRE 24AWG, WHITE ORIGINAL QUANTITY...	IN	1.00	RSVD	1.00	46190	SK2 FN-D19	46190	1224.00	09-14-00	SHD R4		
			1.00										
19	LAT-DG-04101 HEATSINK ORIGINAL QUANTITY...	EA	2.00				SK2 FN-D20		0.00				
			2.00										
				RSVD	2.00	120304	SK2 FN-D20						
20	ASP461 IC FILTER ORIGINAL QUANTITY...	EA	1.00				SK2 FN-34	VRS	0.00				
			1.00										
				RSVD	1.00	114959	SK2 FN-34						
21	MAX7248CM IC ORIGINAL QUANTITY...	EA	7.00				SK2 FN-36	US U7 US U10 U12 U17 U18	0.00				
			7.00										
				RSVD	7.00	114961	SK2 FN-36						
22	5962R0661500VXC IC ORIGINAL QUANTITY...	EA	5.00				SK2 FN-38	U20 U559 U560 U659 U660	0.00				
			5.00										
				RSVD	5.00	114960	SK2 FN-38						
23	59R1040GTXY DIODE ORIGINAL QUANTITY...	EA	7.00				SK2 FN-19	D1 D2 D3 D4 U8 D19 D20	0.00				
			7.00										
				RSVD	7.00	114948	SK2 FN-19						
24	JANIXV1N4159UR-1 DIODE ORIGINAL QUANTITY...	EA	5.00				SK2 FN-20	D301 D302 D303 D399 D402 D403	0.00				
			5.00										



WORK ORDER : 110057

(NEW)

WORK ORDER PICK LIST

PAGE: 4

ASSEMBLY # : LAT-06-02369
WO QUANTITY : 1
WIP LOCATION: W02

BY LINE ITEM

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

PULLED:

PULLED BY:

LINE #	DESCRIPTION	EA	REQUIRED QUANTITY	CURR STAT	REQUIREMENTS STATUS	RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL			
									LOT QUANTITY	LOT LIFE	BIN	QUANTITY
	DIODE Cont from prior page.					4.00 4.00	114906 114949	SKCF2 PULLED: 114949 PULLED:	4.00 152.00	09-23-04 09-27-04		
25	JANTXV1N5806US DIODE 1N5806US ORIGINAL QUANTITY...	EA	8.00			8.00	114950	SKCF2 PULLED: PULLED:	0.00 152.00	09-27-04		
26	JANTXV1N487US DIODE ORIGINAL QUANTITY...	EA	6.00			6.00	114952	SKCF2 PULLED: PULLED:	0.00 170.00	09-27-04		
27	JANTXV1N4106UR-1 DIODE ORIGINAL QUANTITY	EA	4.00			4.00	114953	SKCF2 PULLED: PULLED:	0.00 77.00	09-27-04		
28	JANTXV1N4494US DIODE ORIGINAL QUANTITY...	EA	1.00			1.00	114955	SKCF2 PULLED: PULLED:	0.00 18.00	09-27-04		
29	JANTXV1N4489US DIODE ORIGINAL QUANTITY...	EA	1.00			1.00	114951	SKCF2 PULLED: PULLED:	0.00 15.00	09-27-04		
30	JANTXV1N1179 TRANSISTOR ORIGINAL QUANTITY...	EA	4.00			4.00	115006	SKCF2 PULLED: PULLED:	0.00 98.00	09-27-04		
31	5940R5502012VXC DIODE ORIGINAL QUANTITY...	EA	6.00			4.00 2.00	120300 114963	SKCF2 PULLED: PULLED:	0.00 126.00	10-15-04		

PULLED: _____ PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	EA	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS	RSVD IN	LOT #	INVLOC	NUMBER	INVENTORY DETAIL			
										QUANTITY	LOT	DATE	SIN
	Cont from prior page								114903	2.00	09-27-04	DRY-10	
32	CDR32BX103BKUS CAP 0.01UF 100V 10%	EA	22.00						SK2 FN-4 C1 C5 C9 C31 C33 C35 C37 C51 C63 C65 C73 C76 C110 C114 C118 C165 C506 C596 C598 C604 C496 C498	0.00			
	ORIGINAL QUANTITY...		22.00						PULLED:				
			RSVD		22.00		114937		SKCF2 114937	915.00	09-27-04		
									PULLED:				
33	CWR09HC106KCB CAPACITOR	EA	4.00						SK2 FN-6 C500 C597 C650 C697	0.00			
	ORIGINAL QUANTITY...		4.00						PULLED:				
			RSVD		4.00		114939		SKCF2 114939	104.00	09-27-04		
									PULLED:				
34	M39006/22-0567H CAPACITOR	EA	30.00						SK2 FN-8 C2 C3 C4 U13 U14 U19 U20 C25 C28 C29 C137 C138 U139 U140 U141 U142 C143 C144 C145 C146 C147 C148 C149 C150 C151 C152 C153 C154 C502 C503 C504 C505 C506 C507	0.00			
	ORIGINAL QUANTITY...		30.00						PULLED:				
			RSVD		30.00		114941		SKCF2 114941	616.00	09-27-04		
									PULLED:				
35	12108561K251YHW CAPACITOR	EA	12.00						SK2 FN-13 C601 C508 C510 C511 C514 C540 C601 C602 C610 C611 C614 C640	0.00			
	ORIGINAL QUANTITY...		12.00						PULLED:				
			RSVD		12.00		114802		SKCF2 114802	535.00	09-23-04		
									PULLED:				
36	RXE069 FUSE	EA	2.00						SK2 FN-32 F2 F3	0.00			
	ORIGINAL QUANTITY...		2.00						PULLED:				
			RSVD		2.00		114957		SKCF2 114957	81.00	09-27-04		
									PULLED:				
37	S9621L8771002VXA IC	EA	2.00						SK2 FN-37 U504 U504	0.00			
	ORIGINAL QUANTITY...		2.00						PULLED:				
			RSVD		2.00		114902		SKCF2 114902	27.00	09-27-04		
									PULLED:				
38	12780-11 INDUCTOR	EA	12.00						SK2 FN-19 L1 L2 L3 L4 L5 L6 L7 L10 L11 L12 L13 L14	0.00			
	ORIGINAL QUANTITY...		12.00						PULLED:				
			RSVD		12.00		114964		SKCF2 114964	263.00	09-27-04		
									PULLED:				
39	12761-11 INDUCTOR	EA	2.00						SK2 FN-40 L501 L501	0.00			
	ORIGINAL QUANTITY...		2.00						PULLED:				



ASSEMBLY # : LAT-06-02339
NO QUANTITY : 1
LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE: 02-10-06
RELEASE DATE : 12-01-04
DATE PRINTED : 02-11-05

Δ FULLED: _____

FULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS		INVL0C	LOT NUMBER	INVENTORY DETAIL		
					STAT	QUANTITY			LOT #	QUANTITY	LOT DATE
	INDUCTOR Cont from prior page	EA		RSVD	2.00	114965	SKCF2	114965	193.00	09-27-04	/
								FULLED:			
40	IRON1597034 TRANSISTOR ORIGINAL QUANTITY...	EA	3.00		3.00		SK2 FN-41 Q10 Q11 Q12		0.00		/
				RSVD	3.00	114966	SKCF2	114966	109.00	9-27-04	/
								FULLED:			
41	W175CPX030 THICK FILM JUMPER ORIGINAL QUANTITY...	EA	15.00		15.00		SK2 FN 42 R23 R24 R117 R516 R549 R616 R645 R220 R330 R369 R372 R399 ZR100 ZR101 ZR102		0.00		/
				RSVD	15.00	114817	SKCF2	114817	1678.00	09-23-04	/
								FULLED:			
								114967	751.20	09-27-04	/
								FULLED:			
42	M55342K0681P00R RESISTOR ORIGINAL QUANTITY...	EA	2.00		2.00		SK2 FN-44 R590 R690		0.00		/
				RSVD	2.00	114928	SKCF2	114928	51.00	09-23-04	/
								FULLED:			
								114969	219.00	09-27-04	/
								FULLED:			
43	M55342K0681E21R RESISTOR ORIGINAL QUANTITY...	EA	3.00		3.00		SK2 FN-46 R5 R8 R21		0.00		/
				RSVD	3.00	114971	SKCF2	114971	160.00	09-27-04	/
								FULLED:			
44	M55342K1091E37R RESISTOR ORIGINAL QUANTITY...	EA	4.00		4.00		SK2 FN-47 R05 R08 R51 R52		0.00		/
				RSVD	4.00	114972	SKCF2	114972	16.00	09-27-04	/
								FULLED:			
45	M55342K0681E00R RESISTOR CRIP 120M 1K OH ORIGINAL QUANTITY...	EA	6.00	RSVD	6.00	91633	SK2 FN-48 R10 R41 R48 R53 R052 R052		180.00	09-20-03	/
							SKCF2	114818	135.00	09-23-04	/
								FULLED:			
								114975	178.00	09-27-04	/
								FULLED:			

WORK ORDER : 112057

(NEW)

WORK ORDER PICK LIST

PAGE: 8

ASSEMBLY # : LAT DS-02368
WO QUANTITY : 1
LOCATION : W02

BY LINE ITEM

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

& PULLED:

PULLED BY:

LINE #	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS	RESV IN LOT #	INVLDC NUMBER	INVENTORY DETAIL			
								QTY	LOT DATE	BIN	QUANTITY..
46	M55342K06B1P00R RESISTOR, CHIP, 100W, 1% OHM ORIGINAL QUANTITY...	EA	6.00				SK2 FN-43 R506 R516 R556 R606 R616 R656	0.00			
			6.00				PULLED:				
				RSVD		6.00 114819	SKCF2 114819	654.00	09-23-04		
							PULLED:				
							114977	217.00	09-27-04		
							PULLED:				
47	M55342K06B2E70R RESISTOR, CHIP, 2.00K, 1% 72K ORIGINAL QUANTITY...	EA	1.00				SK2 FN-50 R130	0.00			
			1.00				PULLED:				
				RSVD		1.00 115091	SKCF2 115091	141.00	05-28-04		
							PULLED:				
48	M55342K06B2E74R RESISTOR, CHIP, 2.00K, 1% 72K ORIGINAL QUANTITY...	EA	3.00				SK2 FN-50 R71 R75 R77	0.00			
			3.00				PULLED:				
				RSVD		3.00 114980	SKCF2 114980	87.00	09-27-04		
							PULLED:				
49	M55342K06B4E75R RESISTOR ORIGINAL QUANTITY...	EA	2.00	RSVD		2.00 93521	SK2 FN-53 R509 R609	6.00	11-11-03	510A	
			2.00				PULLED:				
							SKCF2 93326	69.00	09-24-03	CFPC	
							PULLED:				
							114981	488.00	09-27-04		
							PULLED:				
50	M55342K06B5E82R RESISTOR ORIGINAL QUANTITY...	EA	1.00	RSVD		1.00 119010	SK2 FN-55 R14	29.00	11-30-04	57E	
			1.00				PULLED:				
							SKCF2 114984	144.00	09-27-04		
							PULLED:				
51	M55112K06B8E75R RESISTOR ORIGINAL QUANTITY...	EA	1.00	RSVD		1.00 84080	SK2 FN-57 R8 R10	20.00	04-15-03	55E	
			1.00				PULLED:				
							SKCF2 114065	6.00	09-27-04		
							PULLED:				
52	M55342K06B10E0R RESISTOR, CHIP, 100K, 10% O ORIGINAL QUANTITY...	EA	21.00				SK2 FN-10 R01 R02 R03 R04 R05 R06 R07 R08 R09 R10 R11 R12 R13 R14 R15 R16 R17 R18 R19 R20 R21 R22 R23 R24 R25 R26 R27 R28 R29 R30 R31 R32 R33 R34 R35 R36 R37 R38 R39 R40 R41 R42 R43 R44 R45 R46 R47 R48 R49 R50 R51 R52 R53 R54 R55 R56 R57 R58 R59 R60 R61 R62 R63 R64 R65 R66 R67 R68 R69 R70 R71 R72 R73 R74 R75 R76 R77 R78 R79 R80 R81 R82 R83 R84 R85 R86 R87 R88 R89 R90 R91 R92 R93 R94 R95 R96 R97 R98 R99 R100	0.00			
			21.00				PULLED:				
				RSVD		21.00 114880	SKCF2 114880	301.00	05-23-04	CFPC	
							PULLED:				
							114987	67.00	09-27-04		
							PULLED:				

ASSEMBLY # : LAT-DS-02388
NO. QUANTITY : 1
LOCATION: M02

BY LINE ITEM

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

2 FULLED: _____

FULLED BY: _____

L#	DEPT NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	RESV IN LOT #	LOT NUMBER	INVENTORY DETAIL		
							QUANTITY	LOT DATE	
	RESISTOR,CHIP,100K,10K 0 Cont from prior page.	EA				91324	58.00	09-24-03	
						FULLED:			
53	CDR048X104AKUS CAP. 1UF,50V	EA	32.00			SK2 FN-3 C8 C9 C10 C15 C19 C26 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	0.00		
	ORIGINAL QUANTITY...		32.00			FULLED:			
				RSVD	32.00	114935	SKCP2	114935	930.00 09-23-04
						FULLED:			
54	CDR318X102BKUS CAPACITOR	EA	2.00			SK2 FN-3 C835 C836	0.00		
	ORIGINAL QUANTITY...		2.00			FULLED:			
				RSVD	2.00	114936	SKCP2	114936	942.00 09-27-04
						FULLED:			
55	CDR318P102BKUS CAPACITOR	EA	14.00			SK2 FN-5 C200 C201 C202 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C213 C214 C215 C216 C217 C218 C219 C220 C221 C222 C223 C224 C225 C226 C227 C228 C229 C230 C231 C232 C233 C234 C235 C236 C237 C238 C239 C240 C241 C242 C243 C244 C245 C246 C247 C248 C249 C250 C251 C252 C253 C254 C255 C256 C257 C258 C259 C260 C261 C262 C263 C264 C265 C266 C267 C268 C269 C270 C271 C272 C273 C274 C275 C276 C277 C278 C279 C280	0.00		
	ORIGINAL QUANTITY...		14.00			FULLED:			
				RSVD	14.00	114938	SKCP2	114938	914.00 09-27-04
						FULLED:			
56	CDR318X223BKUS CAPACITOR	EA	4.00			SK2 FN-7 C503 C551 C503 C551	0.00		
	ORIGINAL QUANTITY...		4.00			FULLED:			
				RSVD	4.00	114940	SKCP2	114940	24.00 09-27-04
						FULLED:			
57	CDR318X473AKUS CAPACITOR	EA	7.00			SK2 FN-9 C6 C7 C32 C36 C63 C74 C17	0.00		
	ORIGINAL QUANTITY...		7.00			FULLED:			
				RSVD	7.00	114799	SKCP2	114799	1281.00 09-23-04
						FULLED:			
						114942		333.00 09-27-04	
						FULLED:			
58	CDR318P470BKUS CAPACITOR	EA	4.00			SK2 FN-10 C102 C112 C501 C601	0.00		
	ORIGINAL QUANTITY...		4.00			FULLED:			
				RSVD	4.00	118090	SKCP2	118090	95.00 09-25-04
						FULLED:			
59	CDR08FC176KDR CAPACITOR	EA	89.00			SK2 FN-11 C101 C102 C103 C104 C105 C106 C107 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C118 C119 C120 C121 C122 C123 C124 C125 C126 C127 C128 C129 C130 C131 C132 C133 C134 C135 C136 C137 C138 C139 C140 C141 C142 C143 C144 C145 C146 C147 C148 C149 C150 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C162 C163 C164 C165 C166 C167 C168 C169 C170 C171 C172 C173 C174 C175 C176 C177 C178 C179 C180 C181 C182 C183 C184 C185 C186 C187 C188 C189 C190 C191 C192 C193 C194 C195 C196 C197 C198 C199 C200 C201 C202 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C213 C214 C215 C216 C217 C218 C219 C220 C221 C222 C223 C224 C225 C226 C227 C228 C229 C230 C231 C232 C233 C234 C235 C236 C237 C238 C239 C240 C241 C242 C243 C244 C245 C246 C247 C248 C249 C250 C251 C252 C253 C254 C255 C256 C257 C258 C259 C260 C261 C262 C263 C264 C265 C266 C267 C268 C269 C270 C271 C272 C273 C274 C275 C276 C277 C278 C279 C280 C281 C282 C283 C284 C285 C286 C287 C288 C289 C290 C291 C292 C293 C294 C295 C296 C297 C298 C299 C300 C301 C302 C303 C304 C305 C306 C307 C308 C309 C310 C311 C312 C313 C314 C315 C316 C317 C318 C319 C320 C321 C322 C323 C324 C325 C326 C327 C328 C329 C330 C331 C332 C333 C334 C335 C336 C337 C338 C339 C340 C341 C342 C343 C344 C345 C346 C347 C348 C349 C350 C351 C352 C353 C354 C355 C356 C357 C358 C359 C360 C361 C362 C363 C364 C365 C366 C367 C368 C369 C370 C371 C372 C373 C374 C375 C376 C377 C378 C379 C380 C381 C382 C383 C384 C385 C386 C387 C388 C389 C390 C391 C392 C393 C394 C395 C396 C397 C398 C399 C400 C401 C402 C403 C404 C405 C406 C407 C408 C409 C410 C411 C412 C413 C414 C415 C416 C417 C418 C419 C420 C421 C422 C423 C424 C425 C426 C427 C428 C429 C430 C431 C432 C433 C434 C435 C436 C437 C438 C439 C440 C441 C442 C443 C444 C445 C446 C447 C448 C449 C450 C451 C452 C453 C454 C455 C456 C457 C458 C459 C460 C461 C462 C463 C464 C465 C466 C467 C468 C469 C470 C471 C472 C473 C474 C475 C476 C477 C478 C479 C480 C481 C482 C483 C484 C485 C486 C487 C488 C489 C490 C491 C492 C493 C494 C495 C496 C497 C498 C499 C500 C501 C502 C503 C504 C505 C506 C507 C508 C509 C510 C511 C512 C513 C514 C515 C516 C517 C518 C519 C520 C521 C522 C523 C524 C525 C526 C527 C528 C529 C530 C531 C532 C533 C534 C535 C536 C537 C538 C539 C540 C541 C542 C543 C544 C545 C546 C547 C548 C549 C550 C551 C552 C553 C554 C555 C556 C557 C558 C559 C560 C561 C562 C563 C564 C565 C566 C567 C568 C569 C570 C571 C572 C573 C574 C575 C576 C577 C578 C579 C580 C581 C582 C583 C584 C585 C586 C587 C588 C589 C590 C591 C592 C593 C594 C595 C596 C597 C598 C599 C600 C601 C602 C603 C604 C605 C606 C607 C608 C609 C610 C611 C612 C613 C614 C615 C616 C617 C618 C619 C620 C621 C622 C623 C624 C625 C626 C627 C628 C629 C630 C631 C632 C633 C634 C635 C636 C637 C638 C639 C640 C641 C642 C643 C644 C645 C646 C647 C648 C649 C650 C651 C652 C653 C654 C655 C656 C657 C658 C659 C660 C661 C662 C663 C664 C665 C666 C667 C668 C669 C670 C671 C672 C673 C674 C675 C676 C677 C678 C679 C680 C681 C682 C683 C684 C685 C686 C687 C688 C689 C690 C691 C692 C693 C694 C695 C696 C697 C698 C699 C700 C701 C702 C703 C704 C705 C706 C707 C708 C709 C710 C711 C712 C713 C714 C715 C716 C717 C718 C719 C720 C721 C722 C723 C724 C725 C726 C727 C728 C729 C730 C731 C732 C733 C734 C735 C736 C737 C738 C739 C740 C741 C742 C743 C744 C745 C746 C747 C748 C749 C750 C751 C752 C753 C754 C755 C756 C757 C758 C759 C760 C761 C762 C763 C764 C765 C766 C767 C768 C769 C770 C771 C772 C773 C774 C775 C776 C777 C778 C779 C780 C781 C782 C783 C784 C785 C786 C787 C788 C789 C790 C791 C792 C793 C794 C795 C796 C797 C798 C799 C800 C801 C802 C803 C804 C805 C806 C807 C808 C809 C810 C811 C812 C813 C814 C815 C816 C817 C818 C819 C820 C821 C822 C823 C824 C825 C826 C827 C828 C829 C830 C831 C832 C833 C834 C835 C836 C837 C838 C839 C840 C841 C842 C843 C844 C845 C846 C847 C848 C849 C850 C851 C852 C853 C854 C855 C856 C857 C858 C859 C860 C861 C862 C863 C864 C865 C866 C867 C868 C869 C870 C871 C872 C873 C874 C875 C876 C877 C878 C879 C880 C881 C882 C883 C884 C885 C886 C887 C888 C889 C890 C891 C892 C893 C894 C895 C896 C897 C898 C899 C900 C901 C902 C903 C904 C905 C906 C907 C908 C909 C910 C911 C912 C913 C914 C915 C916 C917 C918 C919 C920 C921 C922 C923 C924 C925 C926 C927 C928 C929 C930 C931 C932 C933 C934 C935 C936 C937 C938 C939 C940 C941 C942 C943 C944 C945 C946 C947 C948 C949 C950 C951 C952 C953 C954 C955 C956 C957 C958 C959 C960 C961 C962 C963 C964 C965 C966 C967 C968 C969 C970 C971 C972 C973 C974 C975 C976 C977 C978 C979 C980 C981 C982 C983 C984 C985 C986 C987 C988 C989 C990 C991 C992 C993 C994 C995 C996 C997 C998 C999 C1000	0.00		
	ORIGINAL QUANTITY...		89.00			FULLED:			
				RSVD	89.00	114800	SKCP2	114800	89.00 09-23-04
						FULLED:			

ASSEMBLY # : 1AT-DS-02388
NO QUANTITY : 1
LOCATION: W02

BY LINE ITEM

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

PULLED:

PULLED BY:

LI#	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RSVD	INVOLOC	LOT NUMBER	INVENTORY DETAIL		
			REQUIRED QUANTITY	CURR STAT				LOT	LOT DATE	BIN
	CAPACITOR Cont from prior page	EA					114943	1900.00	09-27-04	
60	CDR31BP1518KUS CAPACITOR ORIGINAL QUANTITY...	EA	4.00		4.00	114944	SK2 FN-12 C221 C207 C207 C212 PULLED:	0.00		
				RSVD	4.00	114944	SKCF2 114944 PULLED:	225.00	09-27-04	
61	JANTXV1N44890S DIODE ORIGINAL QUANTITY...	EA	1.00		1.00	114954	SK2 FN-15 D500 PULLED:	0.00		
				RSVD	1.00	114954	SKCF2 114954 PULLED:	2.00	09-27-04	
62	KXEL10 FUSE, POLYSWITCH ORIGINAL QUANTITY...	EA	2.00		2.00	114958	SK2 FN-33 F4 F3 PULLED:	0.00		
				RSVD	2.00	114958	SKCF2 114958 PULLED:	54.00	09-27-04	
63	RWS88R210PR RESISTOR ORIGINAL QUANTITY...	EA	1.00		1.00	114968	SK2 FN-43 R22 PULLED:	0.00		
				RSVD	1.00	114968	SKCF2 114968 PULLED:	97.00	09-27-04	
64	M55142H06B1B21R RESISTOR ORIGINAL QUANTITY...	EA	4.00		4.00	114970	SK2 FN-45 R10 R53 R58 R61 PULLED:	0.00		
				RSVD	4.00	114970	SKCF2 114970 PULLED:	236.00	09-27-04	
65	M55142H16B2B21R RESISTOR ORIGINAL QUANTITY...	EA	6.00		6.00	114979	SK2 FN-51 R37 R40 R61 R65 R66 R67 PULLED:	0.00		
				RSVD	6.00	114979	SKCF2 114979 PULLED:	467.00	09-27-04	
66	M55142K00B10F1R RESISTOR ORIGINAL QUANTITY...	EA	4.00		4.00	114920	SK2 FN-50 R543 R544 R043 R044 PULLED:	0.00		
				RSVD	4.00	114920	SKCF2 114920 PULLED: 114926 PULLED:	102.00 212.00	09-27-04 09-27-04	

ASSEMBLY # : 1AT-DS-22388
NO QUANTITY :
LOCATION: W02

BY LINE ITEM

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

I PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UN	REQUIRED QUANTITY	CURR STAT	REQUIREMENTS STATUS	RESV IN LOT #	INVLOC NUMBER	LOT	INVENTORY DETAIL		
									LOT QUANTITY	LOT DATE	BIN
67	M55342K06D13E0R RESISTOR ORIGINAL QUANTITY...	EA	3.00				SK2 FN-61 R18 R35 R46 PULLED:		0.00		
			3.00	RSVD		114989	SKCF2 114989 PULLED:		134.00	09-27-04	
68	M55342K06D13E0R RESISTOR, CHIP, 100W, 15K 0 ORIGINAL QUANTITY...	EA	1.00	RSVD		4335	SK2 FN-62 R19 PULLED:	1105	144.00	09-25-99	SSG
			1.00				SKCF2 114990 PULLED:		83.00	09-27-04	
69	M55342K06D13E0R RESISTOR ORIGINAL QUANTITY...	EA	2.00				SK2 FN-63 R231 R567 PULLED:		0.00		
			2.00	RSVD		114991	SKCF2 114991 PULLED:		142.00	09-27-04	
70	M55342K06D22E0R RESISTOR, 20K Multims ORIGINAL QUANTITY...	EA	8.00	RSVD		83179	SK2 FN-64 R505 R507 R510 R525 R605 R607 R610 R625 PULLED:	83179	15.00	03-18-03	SSP
			8.00				FN-64 R505 R507 R510 R525 R605 R607 R610 R625 PULLED:	17105	317.00	06-23-99	
							FN-64 R505 R507 R510 R525 R605 R607 R610 R625 PULLED:	46973	1000.00	09-26-00	
							SKCF2 114992 PULLED:		238.00	09-27-04	
71	M55342K06D22E1R RESISTOR ORIGINAL QUANTITY...	EA	1.00				SK2 FN-65 R511 PULLED:		0.00		
			1.00	RSVD		114993	SKCF2 114993 PULLED:		141.00	09-27-04	
72	M55342K06D22E1R RESISTOR ORIGINAL QUANTITY...	EA	5.00	RSVD		50590	SK2 FN-55 R34 R45 R512 R565 R612 PULLED:	50590	53.00	12-15-00	SSG
			5.00				SKCF2 50591 PULLED:		10.00	12-15-00	SSG
							114994 PULLED:		274.00	09-27-04	
73	M55342K06D33E0R RESISTOR ORIGINAL QUANTITY...	EA	1.00				SK2 FN-67 R444 PULLED:		0.00		
			1.00	RSVD		114995	SKCF2 114995 PULLED:		128.00	09-27-04	

ASSEMBLY # : LAT-DS-06188
NO QUANTITY : 1
LOCATION : W02

BY LINE ITEM

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

2 PULLED:

PULLED BY:

LINE #	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		REQV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL		
			QUANTITY	STAT				QUANTITY	QUANTITY	LOT DATE
74	M55342K06B49E9R RESISTOR, 49, 9KOHMS ORIGINAL QUANTITY...	EA	6.00	RSVD	6.00	83256	SK2 83256 FN-68 R27 R12 R598 R599 R698 R699	12.00	03-19-03	S28
			6.00				PULLED:			
							SK2 83256 FN-68 R27 R12 R598 R599 R698 R699	12.00	03-31-03	
							PULLED:			
							SKCF2 114996	269.00	09-27-04	
							PULLED:			
75	M55342K06B61E9R RESISTOR ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	84266	SK2 84266 FN-69 R697	21.00	04-15-03	S28
			1.00				PULLED:			
							SKCF2 114997	144.00	09-27-04	
							PULLED:			
76	M55342K06B100DR RESISTOR, CHIP, 100K, 100 OH ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	104427	SK2 104427 FN-70 R501 R530 R601 R630	256.00	04-27-04	S28
			4.00				PULLED:			
							SKCF3 114800	342.00	08-23-04	
							PULLED:			
							114998	6.00	09-27-04	
							PULLED:			
77	M55342K06B100DR RESISTOR, CHIP, 100K, 100K ORIGINAL QUANTITY...	EA	13.00	RSVD	13.00	84225	SK2 84225 FN-71 R6 R7 R200 R201 R202 R203 R204 R206 R207 R513 R597 R613 R697	23.00	04-15-03	S28
			13.00				PULLED:			
							SKCF2 114823	1336.00	09-23-04	S28
							PULLED:			
							114999	160.00	09-27-04	
							PULLED:			
							86596	40.00	01-08-04	
							PULLED:			
78	M55342K06B301DR RESISTOR ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	90769	SK2 90769 FN-72 R50	33.00	12-20-03	S28
			1.00				PULLED:			
							SKCF2 91026	64.00	09-24-03	CF20
							PULLED:			
							115000	47.00	09-27-04	
							PULLED:			
79	M55342K06B400DR RESISTOR, 400 OH, 1/8W, 24 ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	84270	SK2 84270 FN-73 R624	24.00	04-16-03	S28
			1.00				PULLED:			

ASSEMBLY # : 1AT-DS-02369
QTY : 1
LOCATION : W02

BY LINE ITEM

EFFECTIVITY DATE: 02-10-06
RELEASE DATE : 12-01-04
DATE PRINTED : 02-11-06

LINE # FULLED: _____

PULLED BY: _____

LINE #	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS	REQUIRED QTY	CURR STATUS	RECV IN QTY	LOT #	INVLOC NUMBER	INVENTORY DETAIL					
									LOT	LOT DATE	LOT QTY	LOT LIFE	DIN	QTY
79	D55342K07B402ER RES. 402K, 1/4W, 1% Coat from prior page	EA		1.00				2714 FN-73 R532 PULLED:	10.00	09-26-98				
								SKCF2 115001 PULLED:	93.00	09-27-04				
80	D55342K07B411ER RESISTOR	EA		10.00				SK2 FN-74 R531 R553 R554 R555 R631 R632 R633 R633 R634 R635 PULLED:	0.00					
	ORIGINAL QUANTITY...			10.00				SKCF2 115002 PULLED:	10.00	09-27-04				
					RSVD	10.00	115002							
81	M55342K06B549DR RESISTOR	EA		2.00				SK2 FN-75 R132 R142 PULLED:	0.00					
	ORIGINAL QUANTITY...			2.00				SKCF2 115003 PULLED:	48.00	09-27-04				
					RSVD	2.00	115003							
82	R111P18-0997R6 THERMISTOR, 30K	EA		2.00				SK2 FN-79 R1 R2 PULLED:	0.00					
	ORIGINAL QUANTITY...			2.00				SKCF2 114925 PULLED:	2.00	09-23-04				
					RSVD	2.00	114925							
								115004 PULLED:	40.00	09-27-04				
83	CANTXV2N2222AUS TRANSISTOR NPN	EA		21.00				SK2 FN-90 C1 C2 C4 C5 C6 C7 C8 C9 C10 C11 C12 C13 C14 C15 C17 C201 C202 C203 C204 C205 C206 C207 C208 C209 C210 C211 PULLED:	0.00					
	ORIGINAL QUANTITY...			21.00				SKCF2 115005 PULLED:	40.00	09-27-04				
					RSVD	21.00	115005							
								120303 PULLED:	40.00	12-16-04				
84	CANTXV2N2907AUS TRANSISTOR	EA		2.00				SK2 FN-82 C599 C598 PULLED:	0.00					
	ORIGINAL QUANTITY...			2.00				SKCF2 115007 PULLED:	90.00	09-27-04				
					RSVD	2.00	115007							
85	M55342K10B-599R RESISTOR	EA		2.00				SK2 FN-54 R519 R519 PULLED:	0.00					
	ORIGINAL QUANTITY...			2.00				SKCF2 114962 PULLED:	227.00	09-27-04				
					RSVD	2.00	114962							

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

BY LINE ITEM

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

3 PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS			INVLOC	LOT NUMBER	INVENTORY DETAIL			
			REQUIRED QUANTITY	CLAS STATUS	RESV IN LOT #			LOT QUANTITY	LOT DATE	BINLOC	BIN QUANTITY
66	M55341K0488E11R RESISTOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	60670	SKZ 60670 FN-58 R508 R608 PULLED:	52.00	09-07-01	895	
			2.00				53258 FN-58 R508 R608 PULLED:	5.00	03-19-03		
							SKCF2 114829 PULLED:	204.00	09-23-04		
							114993 PULLED:	202.00	09-27-04		
67	M55342K09810D0R RESISTOR ORIGINAL QUANTITY...	EA	1.00				SKZ R511 FN-58 R511 PULLED:	0.00			
				RSVD	1.00	114986	SKCF2 114986 PULLED:	241.00	09-27-04		

DEFECT RECORD REPORT

ID: 31236

PART NUMBER: LAT-DS-02388

WORK ORDER: 112057

SALES ORDER: F17300

QUANTITY: 1 RW QTY: 1

CUSTOMER: SLAC

INSPECTION TYPE: COATING

INSPECTION LEVEL: 1

INSPECTOR: EMARTINEZ

OFF SOLDER: 0

OFF ASSEMBLY: 7

DATE: 5/3/2005

WEEK CODE: 20

SERIAL NO.	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
GT104	1	1035	A309	1-BIG RUNNER	INSUFFICIENT COATING / POTTING / BOND		

*touch coat
cure in oven 10:45 to 11:45*

jo



5/4/05

DEFECT RECORD REPORT

ID: 29376

PART NUMBER: LAT-DS-02388

INSPECTION TYPE: POST REFLOW

CORE SOLDERS: 0

WORK ORDER: 112057

INSPECTION LEVEL: 1

OFF. ASSEMBLY: 0

SALES ORDER: F17300

INSPECTOR: EMARTINEZ

DATE: 2/16/05

QUANTITY: 1 RW QTY: 1

WELK CODE: 9

CUSTOMER: SLAC

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REL DES	FIN NOTES
104	1	VENDOR	A377		MISSING MASKING	BD /	
104	4	1829	S402		INSUFFICIENT SOLDER		
104	1	1829	S407		NON SOLDERED CONNECTION	L13	poor wetting

02/23/05 Cleaned in Aqueous

D590 missing
kinds

2/23/05



QAD 1920
2/15/05

CCA PIN: LAT-DS-02388 GLAT1774 GT104

W.O. #: 112057

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

Date: 5/02/05

MIX RATIOS

Coating TYPE: ARATHANE Mfr: HUNTSMAN

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

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

AIR CURE: 5/02/05 12:20pm - 2:30pm




OVEN CURE: 5/02/05 2:30pm - 3:50pm

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					
G. POZZI	4-28-05	G. HEFKIN	K. BERGTHOLDT	P. LUJAN	4-28-05
PREPARED BY	DATE	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>104</u> GLAT- <u>1774</u>	 BYP	04/28/05	
2	OPERATOR: STAKE R22 PER CAA-LAT-DS-02388, STEP 40. CURE PER INSTRUCTION IN STEP 40	P.D 1946	4/28/05	
3	INSPECTION: INSPECT FOR BOARD CLEANLINESS - NO SOLDER BALLS ALLOWED. <i>Inspect Boarding</i>		4/28/05	
4	SOURCE INSPECTION		4/29/05	



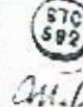
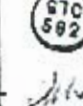
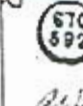




REWORK TRAVELER

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

ASSEMBLY NAME: SLAC TPS	QTY: 19
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APPROVAL					
G. Pozzi	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.			
1	Record serial numbers Affected: __ GT-104 Glat-1774 Thru GT-122 Glat-1792 __ Serial Number <u>GT 104 GLAT 1774</u>		04/25/05	
2	REMOVE ALL CABLE TIE WRAPS ON HARNESSSES.		04/25/05	
3	REPLACE ALL CABLE TIE WRAPS USING THE PANDUIT CABLE TIE WRAP TOOL ON SETTING "STANDARD", AT LEVEL "7".		04/25/05	
4	TRIM CABLE TIES FLUSH TO THE STRAP HEAD ADD A DROP OF ADHESIVE TO THE CUT STRAP SO THAT THE ADHESIVE FLOWS DOWN INTO THE LOCKING MECHANISM. USE HYSOL 0151 ADHESIVE <i>REFER TO CAA LAT-DS-02388 FOR MIX INSTRUCTIONS</i>		04/25/05	
5	Hysol 0151 data: DATE MIXED <u>04-25-05</u> Expiration Date <u>01-31-07</u> PO# <u>31403</u>		04/25/05	
6	Inspection		4/26/05	
7	Source Inspection		4/27/05	



REWORK TRAVELER

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

(Original signed edition RESERVED for copying.)

APPROVAL G. POZZI	G. HEFKIN	K. BERGTHOLDT	P. LUJAN
PREPARED BY <i>[Signature]</i>	DATE 4-18-05	DATE 4-18-05	DATE 4-19-05
ENG MGR SUP.	DATE	QA MGR EHL.	DATE
SLAC SOURCE			

STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	Record serial numbers: __ TPS LAT-DS-02388 SN GT- <u>104</u> GLAT- <u>1774</u>	<i>[Signature]</i>	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.	<i>[Signature]</i>	01/23/05	
3	AQUEOUS CLEAN USING RECIPE #3	<i>[Signature]</i>	01/23/05	
4	INSPECTION: INSPECT FOR BOARD CLEANLINESS. NO SOLDER BALLS ALLOWED.	<i>[Signature]</i>	4/22/05	
5	SOURCE INSPECTION	<i>[Signature]</i>	4/27/05	



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	4-22-05	G. HEFFKIN	4-22-05	BERGTHOLT	4/21/05
P. LUJAN	4-21-05				
PREPARED BY	DATE	ENG MGR	QA MGR	PROD MGR	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-104, GLAT-1774	Byg	04/22/05	
2	<p>OPERATOR:</p> <p>REMOVE Q10, Q11, AND Q12. USE THE HAKO FM202 PARALLET REMOVAL SOLDERING IRON WITH 5/16" BLADE TIPS</p> <p>PLACE PARTS INTO AN ESD BAG AND RECORD BOARD SERIAL NUMBER ON BAG.</p> <p>KEEP PARTS WITH REWORK TRAVELER THEN ROUT TO QUALITY ENGINEERING WITH A COPY OF THE REWORK TRAVELER.</p>	Byg Byg Byg	4/22/05 4/22/05 4/22/05	
3	<p>OPERATOR:</p> <p>VERIFY PADS HAVE NO DAMAGE.</p>	Byg	04/22/05	
3	<p>OPERATOR:</p> <p>SOLDER Q10, Q11, AND Q12 ONTO BOARD</p> <p>USE THE METCAL SOLDERING IRON WITH A .5" BLADE TIP.</p>	Byg	04/22/05	
4	<p>OPERATOR:</p> <p>HAND CLEAN BOARDS USING ALCOHOL.</p>	Byg	04/22/05	
5	<p>INSPECTION:</p> <p>INSPECT PARTS FOR WORKMANSHIP AND BOARD CLEANLINESS</p>		4/23/05	
6	SOURCE INSPECTION	Byg	4/21/05	



GENERAL TECHNOLOGY CORPORATION

NONCONFORMANCE MATERIAL/RMA REPORT

NCMR NUMBER	<input type="text" value="2294"/>	CUSTOMER RETURN	<input type="checkbox"/>
DATE	<input type="text" value="4/11/2005"/>	RMA NUMBER	<input type="text"/>
CUSTOMER	<input type="text" value="SLAC"/>	QUANTITY RETURNED	<input type="text"/>
CUSTOMER CONTACT	<input type="text" value="Pat Lujan"/>	VENDOR DEFECT	<input type="checkbox"/>
VENDOR	<input type="text"/>	QUANTITY REJECTED	<input type="text"/>
PART NUMBER	<input type="text" value="LAT-DS-02388"/>	PRODUCTION DEFECT	<input checked="" type="checkbox"/>
LOT QUANTITY	<input type="text" value="8"/>	QUANTITY REJECTED	<input type="text" value="8"/>
SALES ORDER	<input type="text" value="F17300"/>	REWORK REQUIRED	<input type="checkbox"/>
PURCHASE ORDER	<input type="text" value="48800"/>	QUANTITY REWORKED	<input type="text" value="0"/>
LOT NUMBER	<input type="text"/>	PURCHASING DEFECT	<input type="checkbox"/>
WORK ORDER	<input type="text" value="112064"/>	PURCHASING QUANTITY REJECTED	<input type="text"/>
INITIATOR	<input type="text" value="Pat Lujan"/>		
ASSIGNED TO	<input type="text" value="SLAC"/>		
DATE REQUIRED	<input type="text"/>		
ASSIGNED TO SIGNATURE	<input type="text" value="Pat Lujan"/>		

DISCREPANCY

IS: Insufficient staking on tantalum capacitors.

S/B: Staking material should be in contact with both endfaces of the component.

GLAT SNs 1774, 1775, 1776, 1778, 1779, 1780, 1781, 1782

NOTES

Per MRB Telecon held 4-15-2005:
 Staking of sleeved Ta capacitors on TPS CCA LAT-DS-02388 is acceptable as is. Capacitors are staked along entire length but no staking comes in direct contact with the capacitor body. A thin bead of staking compound would have to be applied to the ends of the capacitor to reach inside the open ends of the sleeving. Photos of typical staking of the capacitors were reviewed and MRB agreed that the existing staking along with conformal overcoat would provide sufficient mechanical staking of the Ta capacitors to the CCA. Rework is not required for any staked Ta capacitors on TPS CCAs.

CAUSE

Misinterpretation of Staking Specification J-STD-001CS Para. 10.3.d.

CORRECTIVE ACTION

All personnel involved in this operation to receive additional training. This includes the SLAC on site QA representative.
 SLAC on site QA representative will be attending a course to obtain formal certification to IPC/EIA J-STD-001C and J-STD-001CS.

FINAL DISPOSITION

Q/A APPROVAL

Q/A APPROVAL DATE

GENERAL TECHNOLOGY CORPORATION

NONCONFORMANCE MATERIAL/RMA REPORT

<p>NCMR NUMBER <input style="width: 50px;" type="text" value="2305"/></p> <p>DATE <input style="width: 50px;" type="text" value="4/14/2005"/></p> <p>CUSTOMER <input style="width: 100px;" type="text" value="SLAC"/></p> <p>CUSTOMER CONTACT <input style="width: 100px;" type="text" value="Pat Lujan"/></p> <p>VENDOR <input style="width: 100px;" type="text"/></p> <p>PART NUMBER <input style="width: 100px;" type="text" value="LAT-OS-02338"/></p> <p>LOT QUANTITY <input style="width: 50px;" type="text" value="19"/></p> <p>SALES ORDER <input style="width: 100px;" type="text" value="F17300"/></p> <p>PURCHASE ORDER <input style="width: 100px;" type="text" value="48800"/></p> <p>LOT NUMBER <input style="width: 100px;" type="text"/></p> <p>WORK ORDER <input style="width: 100px;" type="text" value="112064"/></p> <p>INITIATOR <input style="width: 100px;" type="text" value="Pat Lujan"/></p> <p>ASSIGNED TO <input style="width: 100px;" type="text" value="SLAC"/></p> <p>DATE REQUIRED <input style="width: 50px;" type="text" value="4/25/2005"/></p> <p>ASSIGNED TO SIGNATURE <input style="width: 100px;" type="text" value="SLAC"/></p>	<p>CUSTOMER RETURN <input type="checkbox"/></p> <p>RMA NUMBER <input style="width: 50px;" type="text"/></p> <p>QUANTITY RETURNED <input style="width: 50px;" type="text"/></p> <p>VENDOR DEFECT <input type="checkbox"/></p> <p>QUANTITY REJECTED <input style="width: 50px;" type="text"/></p> <p>PRODUCTION DEFECT <input checked="" type="checkbox"/></p> <p>QUANTITY REJECTED <input style="width: 50px;" type="text" value="19"/></p> <p>REWORK REQUIRED <input checked="" type="checkbox"/></p> <p>QUANTITY REWORKED <input style="width: 50px;" type="text" value="19"/></p> <p>PURCHASING DEFECT <input type="checkbox"/></p> <p>PURCHASING QUANTITY REJECTED <input type="checkbox"/></p>
DISCREPANCY	<p>IS: On components Q10, Q11, and Q12 solder is grainy and cold exhibiting evidence of gold embrittlement.</p> <p>SB: Should exhibit a properly wetted solder joint.</p> <p>This condition exists on GT104 thru GT122, GLAT 1774 thru GLAT 1782.</p>
NOTES	<p>Per MRB Telecon held 4-15-2005:</p> <p>MRB concluded to remove and replace mosfets (P/N IRHNJ597034SCS, DLC 0418) from TPS CCAs. Qty = 3 mosfets (ref. designators Q10, Q11, Q12) to be removed from each board. Mosfets were not pre-tinned prior to surface mount. Grainy, discolored solder joints indicated excessive gold contamination that could result in embrittling the joint.</p>
CAUSE	<p>Parts were provided in bulk to GTC. GTC outsourced tape and reel operation. Parts were not pre-tinned prior to Surface Mount Assembly.</p>
CORRECTIVE ACTION	<p>Schedule a MRB meeting with SLAC and GTC to determine method of removal, pre-un and reworking of these components.</p> <p>Remove and replace with properly removed Gold per J-STD-001CS Para. 5.4.1.</p> <p>SLAC on site QA representative will be attending a course to obtain formal certification to IPC/EIA J-STD-001C and J-STD-001CS.</p>
FINAL DISPOSITION	<input style="width: 100px;" type="text" value="REWORK"/>
Q/A APPROVAL	<input style="width: 100px;" type="text" value="E-mails on file"/>

**GENERAL TECHNOLOGY CORPORATION
NONCONFORMANCE MATERIAL/RMA REPORT**

Q/A APPROVAL DATE

4/15/2005

COST OF QUALITY

GENERAL TECHNOLOGY CORPORATION NONCONFORMANCE MATERIAL/RMA REPORT

NCMR NUMBER	<input type="text" value="2323"/>	CUSTOMER RETURN	<input type="checkbox"/>
DATE	<input type="text" value="4/25/2005"/>	RMA NUMBER	<input type="text"/>
CUSTOMER	<input type="text" value="SLAC"/>	QUANTITY RETURNED	<input type="text"/>
CUSTOMER CONTACT	<input type="text" value="Pat Lujan"/>	VENDOR DEFECT	<input type="checkbox"/>
VENDOR	<input type="text"/>	QUANTITY REJECTED	<input type="text"/>
PART NUMBER	<input type="text" value="LAT-DS-02386"/>	PRODUCTION DEFECT	<input type="checkbox"/>
LOT QUANTITY	<input type="text" value="19"/>	QUANTITY REJECTED	<input type="text"/>
SALES ORDER	<input type="text" value="F17300"/>	REWORK REQUIRED	<input checked="" type="checkbox"/>
PURCHASE ORDER	<input type="text" value="48800"/>	QUANTITY REWORKED	<input type="text" value="19"/>
LOT NUMBER	<input type="text" value="AJ TPS"/>	PURCHASING DEFECT	<input type="checkbox"/>
WORK ORDER	<input type="text"/>	PURCHASING QUANTITY REJECTED	<input type="checkbox"/>
INITIATOR	<input type="text" value="Pat Lujan"/>		
ASSIGNED TO	<input type="text" value="Tarkington"/>		
DATE REQUIRED	<input type="text" value="4/28/2005"/>		
ASSIGNED TO SIGNATURE	<input type="text"/>		
DISCREPANCY	<div style="border: 1px solid black; padding: 5px;"> <p>IS: Cable Tie are trimmed below strap head.</p> <p>Should Be: Per NASA-STD-8739.4 Para. 9.6.2, Cable ties should be trimmed flush at the strap head</p> </div>		
NOTES	<div style="border: 1px solid black; padding: 5px;"> <p>During Qual - 2 the material used to stake the cable tie heads did not adhere properly. The requirement was deleted from the drawing.</p> </div>		
CAUSE	<div style="border: 1px solid black; padding: 5px;"> <p>Tool used to install cable ties was not adjusted properly.</p> </div>		
CORRECTIVE ACTION	<div style="border: 1px solid black; padding: 5px;"> <p>Install cable ties with properly adjusted tool or manually Per NASA-STD_8739.4 Para. 9.6.2. Stake with Hysol 0151. Add Staking requirements to drawing. Rework all assemblies per rework traveler</p> </div>		
FINAL DISPOSITION	<input type="text" value="REWORK"/>		
Q/A APPROVAL	<input type="text" value="E-mails on file"/>		
Q/A APPROVAL DATE	<input type="text" value="4/15/2005"/>		
COST OF QUALITY	<input type="text"/>		

WORK CELL: 4-MIXED

CUSTOMER: SIAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

FNS: LAT-DS-02831-01
CABLE, TFS O/P FWR

WOB 112044
REQ DATE 02-09-05
REL DATE 02-02-05
SOS
PC# 0000048800

CUST #
QTY 19
PROJECT# P17300
CUST# 18356

SERIAL NUMBER LISTING

N/A

APPROVAL
PROD: [Signature] 2/8/05
CA: [Signature] 2-9-05

WORKMANSHIP

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

LOT NO.	QTY	SERIAL NUMBERS	SEQ NO.	REASON	APPRV & DATE
A ¹	3	N/A	3		[Signature] 3/8/05
B	4	N/A	3	To more	[Signature] 3/8/05
A ²	2	N/A	6	To more	[Signature] 3/18/05
A1B	2	N/A	7	To more	[Signature] 3/22/05
A1A ²	6	N/A	7	To more	[Signature] 3/18/05

(whdr rev 05-19-04 gth)

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



203 03 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000
CONFIG

***** CONFIGURATION DOCUMENTS *****
 DOCUMENT NUMBER REV ED/PL OUTSTANDING ED'S
 ASSY & PL: LAT-DS-02831 52 NONE
 (REFERENCE ASSY/PL LAT-DS-02838 FOR RIV APPLICATION ROT)
 TEST SPEC: N/A
 ASSY AID: N/A
 CUSTOMER NAME: SIAC
 ***** BUILD DOCUMENTS *****
 USE... TRAVELER AND DRAWING
 (REV'D)/PREP'D BY: GH (DATE)DATE: 02.09.05

DATE	QTY	REMARKS	STATUS
2-9-05			[Signature]



WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

FN# LAT-US-02531-01
CABLE, TFS O/P PWR

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

CUST P#
QTY 19
PROJECT# F17300
CUST# 16355

LI# DEPT MACH# OP# DESCRIPTION..... HOURS
SRT-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.

QTY.	REMARKS.....	STATUS
19		

Handwritten signature: J. [unclear]

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

WBY/PN: LAT-DG-02831-01
CABLE, TFS O/P PWR

NO# 112044
REQ DATE 02-08-05
REL DATE 02-02-05
QOH
PO# 0000048800

CUST PN
QTY 10
PROJECT# P17300
CUST# 15356

PAGE 3

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



3 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0200 0.0200

CUT WIRE STRIP WIRE
CRIMP SOCKET CONTACTS,
TIN LEADS

• CRIMP TEST SETUP - GTC-2081

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

• STRIPPING METHOD -- ALL ASSEMBLY AND TEST ACTIVITY...

USE ~~SMALLER~~ ENHANCED WIRE STRIPPER SET UP WITH
24 AWG STRIP BLADES. A STRIP LENGTH OF 1.25"
AND LEAVES THE INSULATION SLUG IN PLACE.

350
EUBANKS SMALL MODEL #4900-CAM
7/16 (.188)

• PRE-ASSY CRIMP TEST...

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

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

Crimp Tensile Strength paper attac
RM

• ASSEMBLY ACTIVITY...

- 1) FEED WIRE DIRECTLY OFF THE SPOOL TO THE STRIPPER.
- 2) STRIP THE INSULATION LEAVING THE SLUG, W/ 1.25" 7/16 (.188)
- 3) CUT THE WIRE OFF AT THE INDICATED LENGTH, AND QUANTITY.
• CUT 78 WIRES TO 8-1/2" (8.50") LONG.
- 4) STRIP SECOND END USING THERMAL TWEEZERS, 1/4".
- 5) TIN SECOND END BY SOLDER DIP. CLEAN WITH ALCOHOL.
- 6) PULL INSULATION SLUG AND CRIMP CONTACT (220) ONTO LEAD.
USE M22520/2-01 CRIMPER W/ M22520-2-06 TURRET/LOCATOR.
16-41

2-15-05
3.6.05 crimp 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 nets	000

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)

PN# 1AT-DS-02831-01
CABLE, TFS O/P PWR

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

CUST P#
QTY 19
PROJECT# P11300
CUST# 13354

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
OPE: 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	Strip & crimps	



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

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

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

H.G.#1441
Checked strips 375 wires 3/22/05
1140
Checked crimps & tin 3/24/05
Checked wires for tinning 3/5 Em 574
RM 1970
H.G.#1441
H.G.#1441
3.25.05 (6) H.G.#1441



6 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OPE: 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

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 5

PN# LAT-DS-02331-01
CABLE, TPS O/P PKR

WOB 112044
REQ DATE 02-08-05
REL DATE 02-02-05
SO#
PO# 0000046800

CUST #
QTY 19
PROJECT# F17300
CUST# 16356

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



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

- * APPLY RTV, D05-1104, TO WIRES EXITING CONNECTOR SHELL, FROM THE SHELL DOWN THE WIRES 1/2" (1.5").
- * TRANSFER RTV TO AN FFD 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		Asy 1222
3/28/05	6	same lot of RTV used as above	H.G #1941
1/22/05	6		im 1222



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

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

DRR#(S) _____

* ROUTE FOR NO CLOSURE AND NEXT ASSY -- LAT-DS-02300.

DATE	QTY	REMARKS	STATUS
4/23/05	5		



WORK ORDER : 112044

[NEW]

WORK ORDER PICK LIST

PAGE: 1

ASSEMBLY # : LAT-DS-02831-01
W# QUANTITY : 19
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	QTY	STATUS	LOT #	INVLIC	LOT	DATE
1	20650-1 CONN (3112407-SS-B-15) ORIGINAL QUANTITY...	19.00	SO	19.00	SKCF2 FN-1		
The following parts have been defined as alternates for 20650-1: Line 1.1 3112407-SS-B-15 1 PER Partial quantity replacements are allowed.				101# 114947			
2	M22759/11-24-9 WIRE, 24AWG, WHITE ORIGINAL QUANTITY...	16340.00	RSVD	16340.00	115299 SKCF2 FN-3		10-01-04 LOT1152
3	206071-1 CONTACT (206071-1) ORIGINAL QUANTITY...	510.00	SO	510.00	SKCF2 FN-2		
The following parts have been defined as alternates for 206071-1: Line 3.1 G08S1 1 PER Partial quantity replacements are allowed.							
3.1	G08S1 CONTACT (206071-1) ORIGINAL QUANTITY...	972.00	RSVD	972.00	115021 SKCF2 FN-2		09-27-04
This line is an alternate part for line 3. G08S1 is used in a 1 to 1 ratio to 206071-1. Partial quantity replacements are allowed.							
4	DC6-1104 ADHESIVE ORIGINAL QUANTITY...	19.00	SO	19.00	SKCF2 REQUIREMENT SHOWS ON LAT-DS-02831-01 APPLY HERE PULLED:		

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 #:	RHOON MARMON 11970		TEST DATE		
CONTACT PN:	206071-1		2-16-05		
WIRE PN:	M22759/111-24-9		TESTED BY		
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A830)		RHOON MARMON		
DIE/LOCATOR PN (GTC Tool #):	M22520/2-06 (GTC-A834)		WORK ORDER NO.		
SELECTOR VALUE:	3		112044		
TEST EQUIP # (Last CAL date):	ALPHATRIZON 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
Type of Separation Observed					
SLIP (pull out) {a}	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
CONDUCTOR BROKEN IN CRIMP AREA (some or all) {b}					
CONTACT BROKEN IN CRIMP AREA (some or all) {c}					
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) {d}					
CONTACT BROKEN OUTSIDE OF CRIMP AREA {e}					
OTHER (define) {f}					
SPECIAL INSTRUCTIONS (as reqd):					

1000

CRIMP TENSILE STRENGTH

LAF-DS-02831-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	/	
CONTACT PN:		
WIRE PN:		
CRIMP TOOL PN (GTC Tool #):	(GTC-)	TEST DATE 2/16/05 TESTED BY Ritona Martinez WORK ORDER NO. 112044
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:	13.7	13.6	13.6
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL
	Type of Separation Observed		
SLIP (pull out) {a}	✓	✓	✓
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-85-02831-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE-PROD	POST - PROD						
CRIMP OPERATOR NAME/EMP #:	Hester Gray 1 # 1941	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">TEST DATE</td> <td style="width: 50%;">3.17.05</td> </tr> <tr> <td>TESTED BY</td> <td>Hester Gray</td> </tr> <tr> <td>WORK ORDER NO.</td> <td>112044</td> </tr> </table>	TEST DATE	3.17.05	TESTED BY	Hester Gray	WORK ORDER NO.	112044
TEST DATE	3.17.05							
TESTED BY	Hester Gray							
WORK ORDER NO.	112044							
CONTACT PN:	2060H-1							
WIRE PN:	M72759 / 11-74-9							
CRIMP TOOL PN (GTC Tool #):	M72520 12-01 (GTC A.1012)							
DIE/LOCATOR PN (GTC Tool #):	M72520 12-06 (GTC A.690)							
SELECTOR VALUE:	3							
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:	12.4	12.9	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):

1:10 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:	206071-1	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 MP1-200A (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	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 #:	Debra M 1#1262			TEST DATE
CONTACT PN:	20671-1			3.16.05
WIRE PN:	M22759 / 11-24-9			TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC 1.1011)			Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-06 (GTC A833)			WORK ORDER NO.
SELECTOR VALUE:	3			117044
TEST EQUIP # (Last CAL date):	Hedstrom 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:	13.5	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 *LA-05-0283-01*

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST PROD
CRIMP OPERATOR NAME/EMP #:	<i>Herbie Gray 1#1941</i>	TEST DATE
CONTACT PN:	<i>20671-1</i>	<i>3-18-05</i>
WIRE PN:	<i>M22759 / 11-24-9</i>	TESTED BY
CRIMP TOOL PN (GTC Tool #):	<i>M22520 12-01 (GTC 1102)</i>	<i>Herbie Gray</i>
DIE/LOCATOR PN (GTC Tool #):	<i>M22520 12-06 (GTC 1696)</i>	WORK ORDER NO.
SELECTOR VALUE:	<i>3</i>	<i>112044</i>
TEST EQUIP # (Last CAL date):	<i>Alphatron MPT200A (6/17/04)</i>	
PULL RATE:	<i>1" +/- .25" per min.</i>	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	<i>10</i>	<i>10</i>	<i>10</i>
MEASURED TENSILE STRENGTH:	<i>13.6</i>	<i>13.6</i>	<i>13.4</i>
PASS/FAIL (circle test result)	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 # 12

CRIMP TENSILE STRENGTH CAT-DS-02381-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<input checked="" type="radio"/> PRE - PROD	<input type="radio"/> POST - PROD	
CRIMP OPERATOR NAME/EMP #:	Harvie Gray #144	TEST DATE	
CONTACT PN:	206071-1	2/22/05	
WIRE PN:	M22759/11-249	TESTED BY	
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC#148)	Harvie Gray	
DIE/LOCATOR PN (GTC Tool #):	M22520/2-06 (GTC#553)	WORK ORDER NO.	
SELECTOR VALUE:	3	112044	
TEST EQUIP # (Last CAL date):	Alphatron MPT 2004 (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
	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 #:	Herbie Gray 1#1941	
CONTACT PN:	206071-1	
WIRE PN:	M22529 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):	Alphatron 2001 (last cal)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

TEST DATE	3.23.05
TESTED BY	Herbie 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-03-0831-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Mattha Villa / 1742	TEST DATE
CONTACT PN:	206071-1	4-20-05
WIRE PN:	m 22759 / 11-249	TESTED BY
CRIMP TOOL PN (GTC Tool #):	m 22502 / 2-01 (GTC# 833)	Mattha Villa
DIE/LOCATOR PN (GTC Tool #):	m 22520-206 (GTC# 833)	WORK ORDER NO.
SELECTOR VALUE:	3	112044
TEST EQUIP # (Last CAL date):	7-6-05	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10.0	10.0	10.0
MEASURED TENSILE STRENGTH:	13.6	13.4	13.4
PASS/FAIL (circle test result)	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 ASU-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 1742	TEST DATE
CONTACT PN:	2060071-1	1-20-05
WIRE PN:	M22759/11-24.9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC A 833)	Martha Villa
DIE/LOCATOR PN (GTC Tool #):	M22520-2-06 (GTC A 833)	WORK ORDER NO.
SELECTOR VALUE:	3	112044
TEST EQUIP # (Last CAL date):	7-6-05 ()	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10.0	10.0	10.0
MEASURED TENSILE STRENGTH:	12.6	12.5	12.6
PASS/FAIL (circle test result)	<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):			

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELER N/A

PAGE 1

PN# LAT-DS-02830-01
CAMER. TRS 1/P 140

WOS 112043
REQ DATE 02-02-05
REL. DATE 02 03 05
SUS
PCB 0000048900

CUST EA QTY 10
PROJECTS P17800
CUST# 15356

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

APPROVAL
PROD: YH 2/3/05
QA: YH 2. Pro

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 3/1/05
B	4	N/A	6	To move	mm 3/1/05
A2	2	N/A	6	To move	mm 3/1/05

(wchdr rev 05.10.04 gih)

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



1 200 00 CONFIG RECORD/FITTING 0.0000 0.0000 0.0000
CONFIG

***** CONFIGURATION DOCUMENTS *****
 DOCUMENT NUMBER REV FD/PL OUTSTANDING EQ'S
 ASSY & PL: LAT-DS-02830 53 NONE
 (REFERENCE ASSY/PL LAT-DS-02388 FOR RTV 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

2-9-05 _____

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

/PNS LAT-DS-02930-01
CABLE, TFS I/P PWR

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

CUST PR
QTY 19
PROJECT# F17300
CUST# 15356

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



2 203 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000
KIT PARTS/MATERIALS

* WIRE, CRIMP PINS, CONNECTOR, AND RTV.

DATE 2/10/05 QTY 19

REMARKS.....

STATUS

Handwritten signature/initials

WORK CELL: 4-MIXED

CUSTOMER: SIAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

TPNS LAT-DS-02810-01
CABLE: 1P5 1/P 1P4

WOM 112043
REQ DATE 03-09-05
REL DATE 02-01-05
SQ#
PO# 0000048800

CUST P#
QTY 10
PROJECT# P17100
CUST# 15356

PAGE 3

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



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

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

* CRIMP TEST SETUP - GTC-2081.

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

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

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

LCBAMPS SMALL MACHZ #4900

* PRE-ASSY CRIMP TEST...

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

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

* ASSEMBLY ACTIVITY...

- 1) FEED WIRE DIRECTLY OFF THE SPOOL TO THE STRIPPER.
- 2) STRIP THE INSULATION LEAVING THE SLUG, 1/8" (.125").
- 3) CUT THE WIRE OFF AT THE INDICATED LENGTH, AND QUANTITY.
* CUT 10 PAIRS TO 9-1/2" (9.50") LONG.
- 4) STRIP SECOND END USING THERMAL TWEEZERS, 1/4".
- 5) TIN SECOND END BY SOLDER DIP. CLEAN WITH ALCOHOL.
- 6) FULL INSULATION SLUG AND CRIMP CONTACT (220) ONTO LEAD.
USE M22520/2-01 CRIMPER W/ M22520-2-03 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: 2/18/05 DATE: PM1970 STATUS Pass

116-3.8.05 #1941
K.H. 3/8/05
205 (QA)

DATE	QTY	REMARKS	STATUS
2/13/05	4	4 sets of 10	PM1970
3/8/05	1	1 set of 10 (Rework)	CVI1920
3/17/05		2 set of 10	MV, DM, MM. 100?
3-16 03-4		set of 10	MV 1943
3/16/05		4 sets of 10 strip only	

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

FN: IAT-DS-02830-01
CABLE: TFS I/P PWR

WO# 112043
REQ DATE 02-09-05
REL DATE 02-04-05
SO#
PO# 0000048800

CUST #
QTY 10
PROJECT# P17100
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
OFF: SLDR-20 ASSY-R0

* INSPECT WIRE COUNT, STRIPS, CRIMPS, TINNING, AND CLEANING.

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

DRR#(S)

DATE	QTY	REMARKS	STATUS
2/22/05	40/30		STAT
3/3/05	10	Restripped ok	SLV



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

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

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

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

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

DATE	QTY	REMARKS	STATUS
3.8.05	1	complete	1.6 #1941
3.15.05	2	complete	1.6 #1941

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

/PNS IAT-DS-02830-01
CABLE, TPS I/P PWR

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

CUST #
QTY 19
PROJECT# P17100
CUST# 15356

PAGE 5

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



6 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OP: SLDR-0 ASSY-26

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

DRR#(S)

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

STATUS KH.285

DATE 3/9/05 QTY 3
DATE 3/14/05 QTY 2



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

- * APPLY RTV, D06-1104, TO WIRES EXITING CONNECTOR SHELL, FROM THE SHELL DOWN THE WIRES 1/2" (.5").
- * TRANSFER RTV TO AN EPD SYRINGE TUBE, OR FLUNGER 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
* (RTV APPLIED IN OVEN FOR 2 HOURS AT 120 DEG F (50 C).
* RECORD CURE DATE, START/STOP TIME BELOW:

DATE _____ START _____ STOP _____

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

STATUS ME/PM 1262

*CLEAR Defect Report #2952
for 3 wires*

MA Pwr 2-25-05

*3-14-05 7.2 11 post clips
used for lead length*



*air cured overnight.
ME 3-17-05*

WORK CELL: 4-MIXED

CUSTOMER: SIAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 6

LINE# LAT-DS-02810-01
CABLE, TPS I/P PWR

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

QTY# 10
PROJECT# P17300
CUST# 15356

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



8 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
CFR: SLDX-0 ASSY-7

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

DRR#(S) _____

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

DATE	QTY	REMARKS	STATUS
3/17/05	2		



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

BY LINE ITEM

EFFECTIVITY DATE: 02-08-05
RELEASE DATE : 02-03-05
DATE PRINTED : 02-09-05

D 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	205500 CONN (311P407-2P-B-15) ORIGINAL QUANTITY...	EA	1.00	BO	19.00			SKCF2 FN-1	0.00			

S/B LAT-DS-02830

PULLED: 1 19

The following parts have been defined as alternates for 205500-1:
LT# 1.1 311P407-2P-B-15 1 PER
Partial quantity replacements are allowed.

107# 114944

2	M27759/11-24-2/9 WIRE 24AWG RED/WHIT ORIGINAL QUANTITY...	IN	300.00	RSVD	5700.00	115300		SKCF2 FN-2	115300	11997.00	10-01-04	
---	---	----	--------	------	---------	--------	--	---------------	--------	----------	----------	--

5700 in

3	204370-8 PIN CRIMP ORIGINAL QUANTITY...	EA	20.00	RSVD	380.00	114796		SKCF2 FN-3	114796	401.00	09-23-04	IN ASSY
---	---	----	-------	------	--------	--------	--	---------------	--------	--------	----------	---------

380

								FN-3	115041	1.00	09-27-04	F17200
--	--	--	--	--	--	--	--	------	--------	------	----------	--------

The following parts have been defined as alternates for 204370-8:
LT# 1.1 028P1 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. APPLY HERE. PULLED:	0.00			
---	--	----	------	----	-------	--	--	---	------	--	--	--

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/174	TEST DATE
CONTACT PN:	204370-8	3-16-05
WIRE PN:	M33159/1109-2/9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M33530 12-01 (GTC-A1014)	M3C 43
DIE/LOCATOR PN (GTC Tool #):	M33530 12-01 (GTC-A831)	WORK ORDER NO.
SELECTOR VALUE:	3	Martha Villa
TEST EQUIP # (Last CAL date):	()	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10.0	10.0	10.0
MEASURED TENSILE STRENGTH:	12.6	12.5	12.4
PASS/FAIL (circle test result)	(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):

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 #:	L. Leticia Villa 11942	TEST DATE
CONTACT PN:	204370-8	3-14-05
WIRE PN:	M32759/14-24-2/9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22530A 01 (GTC-A101)	L. Leticia Villa
DIE/LOCATOR PN (GTC Tool #):	M22530A 01 (GTC-488)	WORK ORDER NO.
SELECTOR VALUE:	3	112013
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)	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):

DEFECT RECORD REPORT

ID: 29547

PART NUMBER: LAT-DS-02830-01

INSPECTION TYPE: CRIMPING

OFF SOLDER: 20

WORK ORDER: 112043

INSPECTION LEVEL: 1

OFF ASSEMBLY: 80

SALES ORDER: F17300

INSPECTOR: VANDEVER

DATE: 2/22/2005

QUANTITY: 40 RW QTY: 8

WEEK CODE: 10

CUSTOMER: SLAC

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

WORK CELL: 1-BIG ROOMER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

WV/ENR: LAT-DS-01481
Y, CLASS, PROJ. ITEM

WOM 111107
REV. DATE 04-29-05
REV. DATE 04-04-05
SOW P17203
SOW 0000048799

CUST. #
PROJ. # 17203
SOW # 0000048799

SERIAL NUMBER: GT106 GLAT1795

APPROVAL: FROM RLH 4/27/05

QA: RLH 4/27/05

WORKMANSHIP: IPC/EIA-3-STD-0010 CLASS 3; WITH 'CS' SPACE SUPPLEMENT
SLAC CAR MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE OF ANY STEP OF THE TRAVELLER/WORK ORDER. SLAC CAR MAY INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP.

*SLR 05 28.04

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



2 200 00 CONFIG RECORD/KITTING CONFIG 0.0000 0.0000 0.0000

*** CONFIGURATION DOCUMENTS ***
ASSY DWG: LAT-DS-01481 REV. 54 OUTSTANDING BOM'S NONE
BOM PL: (SAME) ON DWG
SOW: LAT-DS-02810 03 NONE
ESS TEST: N/A THIS LEVEL
ASSY AID: LAT-DS-01481 (RELEASED PER EC 2425)
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 4/27/05



2 201 00 STOCKROOM/KITTING AREA KITTING 0.0000 0.0000 0.0000

* PROCESS MATERIAL PER CAR STEP 2:

DATE	QTY	REMARKS	STATUS
4/27/05	1		



WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

WIP# LAT-DS-01461
Y. BLAST. DRG. TEM

W# 118107
REV DATE 04-29-05
REV DATE 04-29-05
W# 118107
REV DATE 04-29-05

CUST# 1
QTY 1
PROJECT# 11700
CUST# 15350

PAGE 2

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



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

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

GTC PWT 31450 EXP. DATE 5/17/05
 LOT # 5: (PT A) 32775 (PT B) 32775
 MIX RECORD (PART A WGT) 30g (PART B WGT) 2g

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



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

- PROCESS ASSY PER CAA STEP 4.

INSTALLED CCA SERIAL NUMBER: GT-106

DATE	QTY	REMARKS	STATUS
4-29-05	1		ICM



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

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

TORQUE TOOL = GTC-E-551 2/2
 STP 5 544 CAL DUE DATE 8-05

DATE	QTY	REMARKS	STATUS
4-29-05	1		ICM
4-29-05	1	Repair torque	ICM
4-29-05	1	with NFCS	LAT

ICM - 4-29-05
torque set to 25 in oz



WORK CELL: 1-BTO RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER: NEW

TY/TNS DAT-US-31481
Y. GLAST. DAG. TEM

WORK ORDER # 111107
DATE 04-29-05
PROJECT # 117210
CUST # 0000018799

CUST #
PROJECT #
CUST #

PAGE 3

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



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:

ADMSY 0161. GIC PO# 31403 EXPIRATION DATE 1-31-07
 CURE DATE/TIME: START 6:30am STOP- 7:05 Am Full cure at step 13

DATE	QTY	REMARKS	STATUS
<u>4-30-05</u>	<u>1</u>		<u>KH</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 50-100K. GIC PO# 31201 EXPIRATION DATE 4-27-07
 LOT # (PT A): 20040908033
 LOT # (PT B): 200407020071
 MIX RECORD (PT A WGT) 10 (PT B WGT) 6
 MARKING DATE/TIME: 4-30-05 6:30Am-7:05 Am tack cure
 CURE OCCURS AT STAKING STEP 13.

DATE	QTY	REMARKS	STATUS
<u>4-30-05</u>	<u>1</u>		<u>KH</u>
<u>4-30-05</u>	<u>1</u>	<u>APPLIED ON LABEL</u>	<u>8/26/05</u>



8 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OP# 8LDR-0 ASSY-127

- * PROCESS ASSY PER CAA STEP 8.
- RECORD DEFECT REPORT NO. IF APPLICABLE: N/A

DATE	QTY	REMARKS	STATUS
<u>4/30/05</u>	<u>1</u>	<u>GLAT 1795</u>	



WORK CELL: 1-RIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

TRAY-PN: LAT-DG-01481
V. GLASS, DAQ. TEM

WCR: 113107
RFO DATE: 04-29-06
REL DATE: 04-04-06
GOS: F17200
WCP: 0500049799

CUST #:
QTY:
PROJECT: F17200
CUST: 18382

PAGE 5

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



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

* PROCESS ASSY PER CAA STEP 13.

* RECORD MATERIAL DATA BELOW:

ACHSV 0181: GTC P# 31430 EXPIRATION DATE 01-31-07 *20GR A 6.6gr B*
CURE DATE/TIME: START- 8:30 STOP- 10:30

DATE	QTY	REMARKS	STATUS
5-2-05	1	Cure.	AP



14 210 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OFF: SLDR-0 ASSY-37

* PROCESS ASSY PER CAA STEP 14.

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
5/2/05	1		

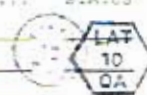


15 210 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
CUSTOMER SOURCE INSP

* PROCESS ASSY PER CAA STEP 15.

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
5.2.05	1	NCMA 2344 PLATING	



5.9.05

***** TRAVELER REVISION HISTORY RECORD *****
 CREATED BY: _____ FOR ASSY REV: _____ DATE: _____
 REVISION: _____
 54 QLR 03106 RELEASED AT REV 54, AND CAA AT REV 5.

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

WORK ORDER 000107

(NEW)

WORK ORDER PICK LIST

PAGE 2

ASSEMBLY # LAT-DS-01481

BY LINE ITEM

EFFECTIVITY DATE: 06-25-08
ISSUE DATE: 06-01-08
DATE PRINTED: 04-27-08

QUANTITY 1
LOCATION W03

3 PULLED

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UN	REQUIREMENTS		REQ IN LOT #	INVL0C	LOT NUMBER	INVENTORY DETAIL		
			REQUIRED QUANTITY	CURR STATUS QUANTITY				LOT QUANTITY	LOT DATE	BIN/LOC QUANTITY
8	CLASS ADHESIVE, HY501, 400 MIC ORIGINAL QUANTITY...	02	1.00			SK2 FN-8		0.00		
			1.00				FULLED:			
				80	1.00	SK0F2				
							FULLED:			
9	CAT-1 INK ORIGINAL QUANTITY...	02	1.00			SK2 FN-9		1.00		
			1.00				FULLED:			
				80	1.00	SK0F2				
							FULLED:			
10	LAT-DS-25535 ORIGINAL QUANTITY...	EA	1.00			SK1 FN-10		1.00		
			1.00				FULLED:			
				80	1.00	SK0F2				
							FULLED:			

GENERAL TECHNOLOGY CORPORATION NONCONFORMANCE MATERIAL/RMA REPORT

<p>NCMR NUMBER <input style="width: 50px;" type="text" value="2344"/></p> <p>DATE <input style="width: 50px;" type="text" value="5/3/2005"/></p> <p>CUSTOMER <input style="width: 100px;" type="text"/></p> <p>CUSTOMER CONTACT <input style="width: 100px;" type="text" value="Pat Lujan"/></p> <p>VENDOR <input style="width: 100px;" type="text"/></p> <p>PART NUMBER <input style="width: 100px;" type="text" value="LAT-DS-01481"/></p> <p>LOT QUANTITY <input style="width: 50px;" type="text" value="1"/></p> <p>SALES ORDER <input style="width: 100px;" type="text" value="F17200"/></p> <p>PURCHASE ORDER <input style="width: 100px;" type="text" value="48799"/></p> <p>LOT NUMBER <input style="width: 100px;" type="text"/></p> <p>WORK ORDER <input style="width: 100px;" type="text" value="113107"/></p> <p>INITIATOR <input style="width: 100px;" type="text" value="Pat Lujan"/></p> <p>ASSIGNED TO <input style="width: 100px;" type="text" value="Tarkington"/></p> <p>DATE REQUIRED <input style="width: 50px;" type="text" value="5/6/2005"/></p> <p>ASSIGNED TO SIGNATURE <input style="width: 100px;" type="text"/></p> <p>DISCREPANCY <input style="width: 100%; height: 40px;" type="text" value="GLAT1795
TEM Box Base exhibits some form of plating anomaly.
Should be plated per Flag Note 2"/></p> <p>NOTES <input style="width: 100%; height: 40px;" type="text"/></p> <p>CAUSE <input style="width: 100%; height: 40px;" type="text" value="Per Joe Cullinan: Some of the TEM bases had to be stripped and replated/reanodized, so it might be an artifact of this rework. From the photo it appears to be slightly pitted. I think as long as the plating is adherent in this area, there is no corrosion product or loose contamination, we can use as is."/></p> <p>CORRECTIVE ACTION <input style="width: 100%; height: 40px;" type="text" value="None required from GTC.
Inspected stock and found one more base with this condition; however, does not approach the severity (LAT-DS-00554-50-12)"/></p> <p>FINAL DISPOSITION <input style="width: 100px;" type="text" value="USE AS IS"/></p> <p>Q/A APPROVAL <input style="width: 100px;" type="text" value="E-mails on file"/></p> <p>Q/A APPROVAL DATE <input style="width: 50px;" type="text" value="5/9/2005"/></p> <p>COST OF QUALITY <input style="width: 100px;" type="text"/></p>	<p>CUSTOMER RETURN <input type="checkbox"/></p> <p>RMA NUMBER <input style="width: 50px;" type="text"/></p> <p>QUANTITY RETURNED <input style="width: 50px;" type="text"/></p> <p>VENDOR DEFECT <input checked="" type="checkbox"/></p> <p>QUANTITY REJECTED <input style="width: 50px;" type="text" value="1"/></p> <p>PRODUCTION DEFECT <input type="checkbox"/></p> <p>QUANTITY REJECTED <input style="width: 50px;" type="text"/></p> <p>REWORK REQUIRED <input type="checkbox"/></p> <p>QUANTITY REWORKED <input style="width: 50px;" type="text"/></p> <p>PURCHASING DEFECT <input type="checkbox"/></p> <p>PURCHASING QUANTITY REJECTED <input style="width: 50px;" type="text"/></p>
---	---

WORK CDID: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

V/PN: LAC-01646
GLAST/754

NO: 118206
REV: 118206
MFG DATE: 12-21-05
JOB: 0010048759

CTST 28
PROJECT: 1
COST: 117200
10350

PAGE 1

SERIAL NUMBER: @T106
GLAT 1757
APPROVAL: PROD: [Signature] 2/3/05
CA: [Signature] 2-7-05

WORKMANSHIP: IPC/EIA-3-SMT-0010 CLASS 3: WITH "05" 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

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



1 200 00 CONFIG RECORD/WAITING 2.0000 0.0000 0.0000

CONFIGURATION DOCUMENTS
AGSY DWG: LAT-DS-01814 16 NONE OUTSTANDING BO'S
COM PL: LAT-DS-00334 14 NONE
POST SW: LAT-DS-00414 02 NONE
ASSY AID: LAT-DS-01240 -- (RELEASED PER BO 2283)
CUSTOMER NAME: SLAC STANFORD LINEAR ACCELERATOR CENTER
USE WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS.
REV'D/PREP'D BY: GH DATE: 12.02.05

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

2-3-05 1 [Signature]



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

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

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

2/14/05 1 GLAT 1757 [Signature]

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PC9Y/P9# LAT-09-01646
GLAST. TEM

WOB 112006
REV DATE 02-03-05
REV DATE 12-21-04
JOB # 0000048799

CUST #
PROJECT #
CUST#

PAGE 2

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



3 310 00 SCA/BLACK BOX ASSY AREA 1.3300 1.3300 1.3300
BOARD MARKING

* PROCESS PER CAA STEP 3.

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



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

* PROCESS PER CAA STEP 4.

BAKE DATE: 2-7-05
START TIME: 8:50 AM
STOP TIME: 10:50

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



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

* PROCESS PER CAA STEP 5

* RECORD SOLDER PASTE DATA BELOW:

JOC P# 31724 EXPIRATION DATE 7/14/05

DATE	QTY	REMARKS	STATUS
2-8-05	1		OK

Handwritten notes in the bottom left corner, including a list of numbers and dates: 1-2-05, 1-3-05, 1-4-05, 1-5-05, 1-6-05, 1-7-05, 1-8-05, 1-9-05, 1-10-05, 1-11-05, 1-12-05, 1-13-05, 1-14-05, 1-15-05, 1-16-05, 1-17-05, 1-18-05, 1-19-05, 1-20-05, 1-21-05, 1-22-05, 1-23-05, 1-24-05, 1-25-05, 1-26-05, 1-27-05, 1-28-05, 1-29-05, 1-30-05, 1-31-05, 2-1-05, 2-2-05, 2-3-05, 2-4-05, 2-5-05, 2-6-05, 2-7-05, 2-8-05, 2-9-05, 2-10-05, 2-11-05, 2-12-05, 2-13-05, 2-14-05, 2-15-05, 2-16-05, 2-17-05, 2-18-05, 2-19-05, 2-20-05, 2-21-05, 2-22-05, 2-23-05, 2-24-05, 2-25-05, 2-26-05, 2-27-05, 2-28-05, 2-29-05, 2-30-05, 3-1-05, 3-2-05, 3-3-05, 3-4-05, 3-5-05, 3-6-05, 3-7-05, 3-8-05, 3-9-05, 3-10-05, 3-11-05, 3-12-05, 3-13-05, 3-14-05, 3-15-05, 3-16-05, 3-17-05, 3-18-05, 3-19-05, 3-20-05, 3-21-05, 3-22-05, 3-23-05, 3-24-05, 3-25-05, 3-26-05, 3-27-05, 3-28-05, 3-29-05, 3-30-05, 3-31-05, 4-1-05, 4-2-05, 4-3-05, 4-4-05, 4-5-05, 4-6-05, 4-7-05, 4-8-05, 4-9-05, 4-10-05, 4-11-05, 4-12-05, 4-13-05, 4-14-05, 4-15-05, 4-16-05, 4-17-05, 4-18-05, 4-19-05, 4-20-05, 4-21-05, 4-22-05, 4-23-05, 4-24-05, 4-25-05, 4-26-05, 4-27-05, 4-28-05, 4-29-05, 4-30-05, 5-1-05, 5-2-05, 5-3-05, 5-4-05, 5-5-05, 5-6-05, 5-7-05, 5-8-05, 5-9-05, 5-10-05, 5-11-05, 5-12-05, 5-13-05, 5-14-05, 5-15-05, 5-16-05, 5-17-05, 5-18-05, 5-19-05, 5-20-05, 5-21-05, 5-22-05, 5-23-05, 5-24-05, 5-25-05, 5-26-05, 5-27-05, 5-28-05, 5-29-05, 5-30-05, 5-31-05, 6-1-05, 6-2-05, 6-3-05, 6-4-05, 6-5-05, 6-6-05, 6-7-05, 6-8-05, 6-9-05, 6-10-05, 6-11-05, 6-12-05, 6-13-05, 6-14-05, 6-15-05, 6-16-05, 6-17-05, 6-18-05, 6-19-05, 6-20-05, 6-21-05, 6-22-05, 6-23-05, 6-24-05, 6-25-05, 6-26-05, 6-27-05, 6-28-05, 6-29-05, 6-30-05, 7-1-05, 7-2-05, 7-3-05, 7-4-05, 7-5-05, 7-6-05, 7-7-05, 7-8-05, 7-9-05, 7-10-05, 7-11-05, 7-12-05, 7-13-05, 7-14-05, 7-15-05, 7-16-05, 7-17-05, 7-18-05, 7-19-05, 7-20-05, 7-21-05, 7-22-05, 7-23-05, 7-24-05, 7-25-05, 7-26-05, 7-27-05, 7-28-05, 7-29-05, 7-30-05, 7-31-05, 8-1-05, 8-2-05, 8-3-05, 8-4-05, 8-5-05, 8-6-05, 8-7-05, 8-8-05, 8-9-05, 8-10-05, 8-11-05, 8-12-05, 8-13-05, 8-14-05, 8-15-05, 8-16-05, 8-17-05, 8-18-05, 8-19-05, 8-20-05, 8-21-05, 8-22-05, 8-23-05, 8-24-05, 8-25-05, 8-26-05, 8-27-05, 8-28-05, 8-29-05, 8-30-05, 8-31-05, 9-1-05, 9-2-05, 9-3-05, 9-4-05, 9-5-05, 9-6-05, 9-7-05, 9-8-05, 9-9-05, 9-10-05, 9-11-05, 9-12-05, 9-13-05, 9-14-05, 9-15-05, 9-16-05, 9-17-05, 9-18-05, 9-19-05, 9-20-05, 9-21-05, 9-22-05, 9-23-05, 9-24-05, 9-25-05, 9-26-05, 9-27-05, 9-28-05, 9-29-05, 9-30-05, 10-1-05, 10-2-05, 10-3-05, 10-4-05, 10-5-05, 10-6-05, 10-7-05, 10-8-05, 10-9-05, 10-10-05, 10-11-05, 10-12-05, 10-13-05, 10-14-05, 10-15-05, 10-16-05, 10-17-05, 10-18-05, 10-19-05, 10-20-05, 10-21-05, 10-22-05, 10-23-05, 10-24-05, 10-25-05, 10-26-05, 10-27-05, 10-28-05, 10-29-05, 10-30-05, 10-31-05, 11-1-05, 11-2-05, 11-3-05, 11-4-05, 11-5-05, 11-6-05, 11-7-05, 11-8-05, 11-9-05, 11-10-05, 11-11-05, 11-12-05, 11-13-05, 11-14-05, 11-15-05, 11-16-05, 11-17-05, 11-18-05, 11-19-05, 11-20-05, 11-21-05, 11-22-05, 11-23-05, 11-24-05, 11-25-05, 11-26-05, 11-27-05, 11-28-05, 11-29-05, 11-30-05, 12-1-05, 12-2-05, 12-3-05, 12-4-05, 12-5-05, 12-6-05, 12-7-05, 12-8-05, 12-9-05, 12-10-05, 12-11-05, 12-12-05, 12-13-05, 12-14-05, 12-15-05, 12-16-05, 12-17-05, 12-18-05, 12-19-05, 12-20-05, 12-21-05, 12-22-05, 12-23-05, 12-24-05, 12-25-05, 12-26-05, 12-27-05, 12-28-05, 12-29-05, 12-30-05, 12-31-05.

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

WY/FN# LAC-DS-01646
GLAST. TEM

NO# 112036
WRO DATE 02-23-05
CUST DATE 12-21-04
CUST NO#
CUST CUS#
CUST CUS#

PROJECT NO# 12200
CUST CUS# 13388

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



4 013 00 SMT ASSY LINE PICK-N-PLACE PARTS 10.0000 10.0000 10.0000

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

FN-19 U3 1739 U4 1727 U5 1770 U6 1730
 FN-23 U54 1749 U55 1752 U56 1844 U57 1835
 U58 1806 U59 1815 U60 1802 U61 1828

DATE QTY REMARKS STATUS
2/8/05 1 TH NA 3/10/05



7 213 00 SMT ASSY LINE SOLDER REFLOW 0.5000 0.5000 0.5000

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

DATE QTY REMARKS STATUS
2/9/05 1 TA



8 213 00 SMT ASSY LINE AQUEOUS CLEAN 0.1000 0.1000 0.1000

- * PROCESS PER CAA STEP 8.
- ** RECORD WASH EVENT ON LOG (PER SA-24)

DATE QTY REMARKS STATUS
2/9/05 1 TA

WORK CELL 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 4

V/PN: LAT-DS-01646
CLASS: TEM

NO: 112116
REQ DATE: 02-03-05
REQ DATE: 12-21-04
MFG
POL: 0000048700

CUST #
CITY
PROJECT: 917000
CUST: 18356

LINE DEPT MACHN OPR DESCRIPTION HOURS
SET-UP RIN LINE-MACH 30-LOT



09 200 00 QUALITY ASSURANCE AREA 0.4400 0.4400 0.4400
OPR: SLDR-4163 ASSY-9303

* PROCESS PER CAA STEP 9.

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

ERR# P: 29145 29270

DATE	QTY	REMARKS	STATUS
2/9/05	1	106	
2/4/05	1		



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

* PROCESS PER CAA STEP 10.

BAKE DATE: 2-15-05 START: 8:00AM STOP: 10:00AM

DATE	QTY	REMARKS	STATUS #
2-15-05	1		DO 1857



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.

GTC E-842

TOOL #	CAL DUE DATE	DATE	QTY	REMARKS	STATUS
104 D 1115	5-28-05	2-15-05	14	CONN only	DO 1857



12 210 00 WAVEFOUNDER 0.0000 0.0000 0.0000
WAVE GOLDEN

* PROCESS PER CAA STEP 12.

DATE	QTY	REMARKS	STATUS
2-15-05	1	Good	DO 1857
2-15-05	1		

WORK CELL: 4 MIXED

CUSTOMER: SLAC

TYPE PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 5

V/P#4 LAT-DS 01544
CLAST. TEM.

NO# 112000
MFG DATE 02-09-05
REV DATE 12-21-04
SOT
POT 0000045799

CUST #
PROJECT # 1
CUST# 15155
CUST# 15155

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



13 015 00 WAVE/SOLDER
ALCOHOL/CLEAN 0.2000 0.2000 0.2000

* PROCESS PER CAA STEP 13.

DATE	QTY	REMARKS	STATUS
2-15-05	1	Cleaner #2 40 min.	DO 185



14 057 10 QUALITY ASSURANCE AREA
CP# SLDR-800 ASSY-10 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 14.

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

DR#(S) N/A

DATE	QTY	REMARKS	STATUS
2/16/05	1	No solder defects	3



15 010 00 CCA/BLACK BOX ASSY AREA
TOUCHUP 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 15.

DATE	QTY	REMARKS	STATUS
2-1-05	1	Touchup after Heller	OR 1648
2-16-05	1	Touchup #15	DO 185



16 010 00 CCA/BLACK BOX ASSY AREA
ALCOHOL/CLEAN 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 16.

DATE	QTY	REMARKS	STATUS
2-16-05	1		DO 185

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 6

VNS LAT-ES-01616
BLAST, TRM

WCR# 100006
REV. DATE 02-23-05
REV. DATE 12-21-04
PC# 0000048799

CUST. #
PROJECT #
COST#
NEW 17200
15155

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



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

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

TRF#(S)	DATE	QTY	REMARKS	STATUS
	2/18/05	1		



18 210 00 QCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
POST WAVE ASSY-FPGA#

* PROCESS PER CAA STEP 18
ADHESIVE FOR 31450 EXP DATE 5/17/05
FPGA SERIAL #'S USE 40352 162 50103

DATE	QTY	REMARKS	STATUS
2/17/05	1	These only	PA
2/17/05	1	Hand Soldered	AN(1628)



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

* PROCESS PER CAA STEP 19
DATE 2-17-05 QTY 1 REMARKS STATUS AN(1628)
~~2-16-05~~ ~~1~~ ~~(1628)~~



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

* PROCESS PER CAA STEP 20
DATE 2-23-05 QTY 1 REMARKS Soldered STATUS H/S 1041
2-18-05 1 20-18-05

WORK CELL: 4-MIXED

CUSTOMER: SIAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 7

Y/PNS INT-DS-01644
BLAST, TEN

WOB 112105
MFG DATE 02-23-05
MFG DATE 10-21-04
PO# 0001048700

CUST ID
OTY 1
PROJECT# 417200
CUST# 18356

LINE DEPT MACHINE OPER DESCRIPTION..... SET-UP RUN HOURS LINE-MACH 30-LOT



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

* PROCESS PER CAA STEP 21.

DATE... QTY... REMARKS... STATUS
2/23/05 1 soldered I.G #1941



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

* PROCESS PER CAA STEP 22.

DATE... QTY... REMARKS... STATUS
2/23/05 1 I.G #1941



23 230 00 QUALITY ASSURANCE AREA 0.2000 0.2000 0.2000
CPR: SLD-217 ASSY-133

* PROCESS PER CAA STEP 23.

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

DEFECT: Board needs to be cleaned #29645

DATE... QTY... REMARKS... STATUS
2/24/05 1
2/25/05



24 240 07 CCA ECU 0.9100 0.9100 0.9100
CCA TEST

* PROCESS PER CAA STEP 24

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

DATE... QTY... REMARKS... STATUS
2/25/05 1 GT/04 Make PASS

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEM

PAGE 8

TV/PNT LAY-DS-01648
N. SLAC, TEM

XOR 112006
REQ DATE 03-03-05
REL DATE 12-21-04
SC#
POR 0000246799

CUST ID#
PROJ#
COST#

127200
12156

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



05 210 00 CCA/BLACK BOX ASSY AREA 13.8300 14.8300 10.8300
INSTALL CONNECTION SOLDER
SOLDER CONN J1-ROW 1>CHECK
SOLDER CONN J1-ROW 2>CHECK
SOLDER CONN J1-ROW 3>CHECK
SOLDER CONN J1-ROW 4>CHECK

- PROCESS PER CAA STEP 25.
- RECORD ASSIGNED TOOL# USED, AND CAL DUE DATE, BELOW:
TOOL # GTC-A-972 CAL DUE DATE 8-8-05

DATE	QTY	REMARKS	STATUS
<u>3-4-05</u>	<u>1</u>	<u>J1 Row 4</u>	<u>H.G. #194</u>
<u>3-4-05</u>	<u>1</u>	<u>J1 Row 3</u>	<u>H.G. #194</u>
<u>3-7-05</u>	<u>1</u>	<u>J1 Row 2</u>	<u>1337</u>
<u>3-8-05</u>	<u>1</u>	<u>J1 Row 1</u>	<u>1337</u>



06 200 00 QUALITY ASSURANCE AREA 5.6800 6.6800 0.6800
CPE: SOLDER-300 ASSY-405

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

DATE	QTY	REMARKS	STATUS
<u>3/9/05</u>	<u>1</u>	<u>106</u>	<u>QA</u>

Date: QA Sign-off

3/4/05 Row 4 QA

Row 3 QA

Row 2 QA

Row 1 QA

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

V/CN# LAT-05-01648
GLAST. TEM

WO# 112005
RFO DATE 02-09-05
RFL DATE 12-21-04
G0#
P0# 0000049799

CUST #
CITY 1
PROJECT# P17200
CUST# 15355

PAGE 3

LI# DEPT MACH# QTY# DESCRIPTION HOURS
SET-UP RUN... LINE-MACH \$1-1001



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

* PROCESS PER CAA STEP 27.

* RECORD MATERIAL DATA BELOW:

RTV DCC-1104: QTY PC# 31695 EXPIRATION DATE 7-10-05
ADHESV 6151: QTY PC# 30156 EXPIRATION DATE 1-31-07

GLST ADHESIVE MIX RECORD (RECORD PER BATCH)

BATCH #1 BATCH #2 BATCH #3 BATCH #4
RESIN WGT: 12.5
HARDENER WGT: 4.2
CURE DATE: 3-9-05 START: 2:50 pm STOP: 4:50 pm

DATE	QTY	REMARKS	STATUS
<u>3-9-05</u>	<u>1</u>		<u>ME</u>



28 250 00 QUALITY ASSURANCE AREA 0.1000 0.1000 0.1000
CPE: SLAC-0 ASSY-104

* PROCESS PER CAA STEP 28

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

CRAP(S)

DATE	QTY	REMARKS	STATUS
<u>3/10/05</u>	<u>1</u>		



29 257 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
MIX - SLAC QCA INSPECTION
BEFORE SHIPMENT TO SLAC.

* PROCESS PER CAA STEP 29.

* PLEASE RETURN CCA TO QA FOR SHIPMENT.

DATE	QTY	REMARKS	STATUS
<u>3-10-05</u>	<u>1</u>	<u>GET ICG GLAT 1757</u> <u>CP # 6 NOT DATED</u> <u>OR SIGNED OFF</u>	

REMARKS: DRAWING PERTAINING TO STAKING ON CONNECTOR NUTS.
DESIRABLE CONDITION IS FOR COMPONENT SURFACE TO BE PARALLEL TO BOARD. TILT IS ACCEPTABLE DOES NOT VIOLATE SPACING; INSPECTION, OR INSTALLATION OF ADJACENT COMPONENTS

* DRAWING PERTAINING TO STAKING ON CONNECTOR NUTS
CLARIFIED BY DAVE TARRINGTON 3/16/05

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 10

V/PN# LAT-DG-01644
GLAST. TEM

WO# 112004
BRO DATE 02-03-05
BRO DATE 12-21-04
GOM
PC# 000008789

CUST PA
QTY
PROJECT# 417200
CUST# 15154

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



30 200 00 PACKAGING/SHIPPING INSP
PACK & SHIP CCA 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 30

DATE	QTY	REMARKS	STATUS
3-11-05	1	PACKED	NO E2018
03/11/05	1	JOE LEAS	E1625



31 200 00 QUALITY ASSURANCE AREA
QA RECEIVING INSPECTION 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 31

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

DEF#(S)

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

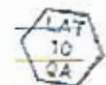
DATE	QTY	REMARKS	STATUS
4/12/05	1		
4/13/05	1		



32 200 00 SOURCE INSPECTION
SLAC OAR PRE-COA INSP
MANDATORY INSPECTION
POINT 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 32

DATE	QTY	REMARKS	STATUS
4-25-05	1	GLAT 1757	



WORK CELL 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 11

W/PN# LAT-DG-01446
GLAST, TEM

WOB# 112006
REQ DATE 12-03-03
REL DATE 12-01-04
SQ# 0000049799

CUST Pa
PROJECT#
CUST# 717200
15358

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



33 210 00 COA BLACK BOX ASSY AREA
ALCOHOL/DI CLEAN AND TEST
THE CLEANLINESS OF COA. 0.2000 0.2000 0.2000

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

DATE	QTY	REMARKS	STATUS
4/24/05	1	S/M 106 Washed	me-1337
4-26-05	1	Clean Wash	JA



34 230 00 QUALITY ASSURANCE AREA
CPE: 5109-1 ASSY-11 0.0000 0.0000 0.0000

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

DEFECTS:

DATE	QTY	REMARKS	STATUS
4/24/05	1		7/24



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

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

RECORD BAKE DATE-TIME START/STOP BELOW:
BAKE DATE: 4-26-05 START: 1:30 STOP: 2:30

DATE	QTY	REMARKS	STATUS
4-26-05	1	Bake & Mask	JA

WORK CODE: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 12

//PNT LAT-DS-01646
CAST, TEM

WC# 112006
REQ DATE 02-03-05
REL DATE 12-21-04
SC#
PC# 0100048799

CUST P#
QTY 1
PROJECT# F17200
CUST# 16166

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



36 250 00 COATING/POTTING AREA
SPRAY CONFORMAL COAT 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 36.

CONFORMAL COAT MATERIAL PC#: 31201

EXP. DATE: 6/30/05

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

DATE: 4/27/05 START: 7:25 AM STOP: 1:25 PM

DATE	QTY	REMARKS	STATUS
<u>4/27/05</u>	<u>1</u>	<u>COAT</u>	<u>DM</u>



37 250 00 COATING/POTTING AREA
TOUCHUP / CORE-OVEN BAKE 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 37.

FIRST BAKE DATE: 4/27/05 START: 1:25 PM STOP: 2:30 PM

TOUCHUP BAKE DATE: 4/27/05 START: 2:45 pm STOP: 3:15 pm

DATE	QTY	REMARKS	STATUS
<u>4/27/05</u>	<u>1</u>	<u>Unmade</u>	<u>SA</u>

WORK ORDER: 4-MIXED

CUSTOMER: SLAO

TYPE PRODUCTION

WORK ORDER TRAVELLER - NEW

Y/END LAT-DS-01484
GLAST. TEM

NO# 112004
REQ DATE 01-01-05
CUST. DATE 12-21-04
JOB# 0000048799

COST #
PROJECT #
COST #

PAGE 13

LINE DEPT MAINS OP# DESCRIPTION

SET-UP KON... HOURS LINE MACH ST-LOT



38 290 00 QUALITY ASSURANCE AREA 0.5000 0.5000 0.5000
CPE- SLDR-C ASSY-99

- * PROCESS PER CAA STEP 36.
- ** RECORD DEFECT RECORD REPORT NUMBER(S) BELOW:
- ERR# 9

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 87C-12 (DOC REV RECORD)...
- NO. LOSS REPORT...
- DIGITAL PHOTOGRAPHS, RECORDED ONTO CD...

DATE	QTY	REMARKS	STATUS
4/28/05	1		28



39 280 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
CPE

- * PROCESS PER CAA STEP 19.
- NOTE: NEXT ASSEMBLY IS LAT-DS-01484
- ** PLEASE RETURN INSPECTED OCA TO QA UPON COMPLETION **

DATE	QTY	REMARKS	STATUS
4.24.05	1		LAT 10 QA

ASSEMBLY # : LAT-DS-01644
MO QUANTITY : 1
P LOCATION: MO2

BY LINE ITEM

EFFECTIVITY DATE: 02-03-09
RELEASE DATE : 12-21-04
DATE PRINTED : 03-04-09

WE PULLED: _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STAT	REQUIREMENTS QUANTITY	RESV IN LOT #	INVLOC	LOC NUMBER	INVENTORY DETAIL			BIN QUANTITY
									LOC	LOT DATE	BINLOC	
1	LAT-DS-01644 PWR. TEM ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	120299	SKCP2 FN-D1	120299	18.00	09-11-07		1 ✓
2	LAT-DS-01026 PLATE, COGN. TEM ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	114784	SKCP2 FN-D6	114784	18.00	06-19-07		1 ✓
3	LAT-DS-01031 PIN, CONNECTOR, TEM ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114785	SKCP2 FN-D7	114785	36.00	06-19-07		2 ✓
4	NAS1352N02-6 SCREW ORIGINAL QUANTITY...	EA	26.00	RSVD	26.00	114786	SKCP2 FN-D3	114786	546.00	09-23-04		26 ✓
5	LAT-DS-03582 STANDOFF ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114787	SKCP2 FN-D5	114787	36.00	09-23-04		2 ✓
6	MS1357-13 SCREW, PHND, 4-40 X .25 ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	93945	SKCP2 FN-D10	93945	251.00	11-24-03	CIF	2 ✓
							FN-D10	114788	78.00	09-23-04		2 ✓
7	NAS220-02 FLATWASHER ORIGINAL QUANTITY...	EA	52.00	RSVD	52.00	114789	SKCP2 FN-D3	114789	1052.00	09-23-04		52 ✓
8	MS24671-2 SCREW ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114790	SKCP2 FN-D9	114790	84.00	09-23-04		4 ✓
9	NAS571-02 NUT ORIGINAL QUANTITY...	EA	26.00	RSVD	26.00	114791	SKCP2 FN-D4	114791	520.00	09-23-04		26 ✓
10	LAT-DS-02555 ASSY, CABLE, COGN. TEM ORIGINAL QUANTITY...	EA	1.00	SO	1.00		SKCP2 FN-D9	25 01	0.00			0 ✓
11	0151 ADHESIVE, HYSCOL, 402 ORIGINAL QUANTITY...	QZ	1.00	SO	1.00		SKCP2 FN-D11		0.00			0 ✓
12	013246 SPLY, RUBBL, TEM ORIGINAL QUANTITY...	QZ	1.00	SO	1.00		SKCP2 FN-D12		0.00			0 ✓
13	5700 CONFORMAL COATING URETHANE ORIGINAL QUANTITY...	QZ	1.00	SO	1.00		SKCP2 FN-D13		0.00			0 ✓

ASSEMBLY # : LAC-05-01640
 QTY :
 LOCATION : W02

BY LINE ITEM

EFFECTIVITY DATE: 02-09-04
 RELEASE DATE: 12-21-04
 DATE PRINTED: 12-02-05

ISSUED BY: _____

FULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS	RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL							
									LOT QUANTITY	LOT DATE	LOT LIFE	BIN/LOC				
14	DC6-1104 ADHESIVE	QZ	1.00	BO	1.00		SKCF2 FN-D14		0.00						O-C	
	ORIGINAL QUANTITY...		1.00					FULLED:								
15	CWR11FH105NDB CAPACITOR	EA	36.00	RSVD	36.00	120284	SKCF2	120284 FN-1 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	19.80	12-16-04				36		
	ORIGINAL QUANTITY...		36.00					FULLED:								
16	CWR11FH75NDB CAPACITOR	EA	2.00	RSVD	2.00	120285	SKCF2	120285 FN-2 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	2000.00	12-16-04				2		
	ORIGINAL QUANTITY...		2.00					FULLED:								
17	CR333BK473AKUS CAPACITOR	EA	53.00	RSVD	53.00	114799	SKCF2	114799 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	3735.00	09-23-04				53		
	ORIGINAL QUANTITY...		53.00					FULLED:								
18	DKR08FC176KDB CAPACITOR	EA	49.00	RSVD	49.00	114800	SKCF2	114800 FN-1 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	11.37	09-23-04				49		
	ORIGINAL QUANTITY...		49.00					FULLED:								
19	CR331BK473BKUS CAPACITOR	EA	249.00	RSVD	249.00	114801	SKCF2	114801 FN-3 C1 thru C200, C217, C221 thru C247, C250, C257	5001.00	09-23-04						
	ORIGINAL QUANTITY...		249.00					FULLED:								
20	1210B5630251VHTM CAPACITOR	EA	16.00	RSVD	16.00	114802	SKCF2	114802 FN-2 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	11.68	09-23-04				16		
	ORIGINAL QUANTITY...		16.00					FULLED:								
21	MFR-1051-1B1 CONDENSOR	EA	9.00	RSVD	9.00	114803	SKCF2	114803 FN-1 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	180.00	09-23-04				9		
	ORIGINAL QUANTITY...		9.00					FULLED:								
22	MFR-1060-1B1 CONDENSOR	EA	4.00	RSVD	4.00	114804	SKCF2	114804 FN-2 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	60.00	09-23-04				4		
	ORIGINAL QUANTITY...		4.00					FULLED:								
23	5362-0750400XA 10% TOLERANCE 0.1% MFD CAPACITOR	EA	1.00	RSVD	1.00	114805	SKCF2	114805 FN-2 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	60.00	09-23-04				1		
	ORIGINAL QUANTITY...		1.00					FULLED:								
24	JANTXV1N4151UB-1 DIODE	EA	2.00	RSVD	2.00	114806	SKCF2	114806 FN-10 D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60	40.00	09-23-04				2		
	ORIGINAL QUANTITY...		2.00					FULLED:								
									114840							
									FN-10 D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60	152.00	09-27-04				2	
									FULLED:							

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

BY LINE ITEM

EFFECTIVITY DATE : 02-03-09
RELEASE DATE : 12-21-04
DATE PRINTED : 02-04-05

FE PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURE STATUS	RESV IN	LOC #	INVOIC NUMBER	INVENTORY DETAIL		BIN
								LOT	DATE	
25	5MDC05 FUSE, RAYCHEM/POLYSWICH ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114607	SKCP2 114607 FN-12 P3 P4 P6 P8 PULLED:	100.00	09-23-04	4 ✓
26	5MDC75 ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114926	SKCP2 114926 FN-13 P3 P5 P7 P9 PULLED:	100.00	09-24-04	4 ✓
27	MAX145AEM IC ORIGINAL QUANTITY...	EA	36.00	RSVD	36.00	114809	SKCP2 114809 FN-15 U7 U8 U9 U10 U11 U12 U13 U14 U15 U16 U17 U18 U19 U20 U21 U22 U23 U24 U25 U26 U27 U28 U29 U30 U31 U32 U33 U34 U35 U36 U37 U38 U39 U40 U41 U42 PULLED: 120266 481.00 12-16-04 FN-15 U7 U8 U9 U10 U11 U12 U13 U14 U15 U16 U17 U18 U19 U20 U21 U22 U23 U24 U25 U26 U27 U28 U29 U30 U31 U32 U33 U34 U35 U36 U37 U38 U39 U40 U41 U42 PULLED:	204.00	09-23-04	30 ✓
28	MAX5121AREE IC ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114610	SKCP2 114610 FN-16 U1 U2 PULLED:	47.00	09-21-04	2 ✓
29	LAT-DS-33885 IC ORIGINAL QUANTITY...	EA	1.00	BO	1.00		SKCP2 114610 FN-17 U46 PULLED:	0.00		0 ✓
30	LAT-DS-33884 IC ORIGINAL QUANTITY...	EA	1.00	BO	1.00		SKCP2 114610 FN-18 U62 PULLED:	0.00		0 ✓
31	LAT-TD-01814 IC ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114813	SKCP2 114813 FN-12 U3 U4 U5 U6 PULLED:	62.00	09-23-04	4 ✓
32	5962R9568101VXC IC ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	114814	SKCP2 114814 FN-20 U63 PULLED:	32.00	09-23-04	1 ✓
33	5962R956203QYC IC ORIGINAL QUANTITY...	EA	5.00	BO	5.00		SKCP2 114814 FN-21 U46 U47 U48 U53 U64 PULLED:	0.00		0 ✓
34	LAT-TD-01812 IC ORIGINAL QUANTITY...	EA	8.00	RSVD	8.00	114816	SKCP2 114816 FN-24 U56 U57 U58 U59 U60 U61 PULLED:	162.00	09-23-04	8 ✓
35	H77505KX00 TRICK FILM JUMPER ORIGINAL QUANTITY...	EA	151.00	RSVD	151.00	114817	SKCP2 114817 FN-25 U62 U63 U64 U65 U66 U67 U68 U69 U70 U71 U72 U73 U74 U75 U76 U77 U78 U79 U80 U81 U82 U83 U84 U85 U86 U87 U88 U89 U90 U91 U92 U93 U94 U95 U96 U97 U98 U99 U100 PULLED: 151.00 09-23-04 FN-25 U62 U63 U64 U65 U66 U67 U68 U69 U70 U71 U72 U73 U74 U75 U76 U77 U78 U79 U80 U81 U82 U83 U84 U85 U86 U87 U88 U89 U90 U91 U92 U93 U94 U95 U96 U97 U98 U99 U100 PULLED:	151.00	09-23-04	151 ✓
36	M55141K04B1E01R RESISTOR,CHIP, 100W,1K OH ORIGINAL QUANTITY...	EA	55.00	RSVD	55.00	104818	SKCP2 114818 FN-26 U101 U102 U103 U104 U105 U106 U107 U108 U109 U110 U111 U112 U113 U114 U115 U116 U117 U118 U119 U120 U121 U122 U123 U124 U125 U126 U127 U128 U129 U130 U131 U132 U133 U134 U135 U136 U137 U138 U139 U140 U141 U142 U143 U144 U145 U146 U147 U148 U149 U150 U151 U152 U153 U154 U155 U156 U157 U158 U159 U160 U161 U162 U163 U164 U165 U166 U167 U168 U169 U170 U171 U172 U173 U174 U175 U176 U177 U178 U179 U180 U181 U182 U183 U184 U185 U186 U187 U188 U189 U190 U191 U192 U193 U194 U195 U196 U197 U198 U199 U200 PULLED:	55.00	09-23-04	55 ✓

ORIGINAL QUANTITY... 4.00

PULLED: _____
114826
FN-21 U49 U50 U51 U52 4.00 09-23-04 DRY-10
PULLED: _____

4 ✓



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

BY LINE ITEM

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

...WE PULLED-

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RESV IN LOT #	INVLOC NUMBER	INVENTORY DETAIL				
			QUANTITY	CURR STAT			LOT	QUANTITY	LOT DATE	SINLOC	SIN QUANTITY
45	M55142K05B13D9R RESISTOR,CHIP,100K,49.9 ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00 36398	SKCF2 36398 FN-14 R648 R649 R650 R651 PULLED:	17.00	03-23-00	CF3D		
						114827 FN-34 R648 R649 R650 R651 PULLED:	234.00	09-23-04			<i>4</i>
46	M55142K09B1F00R RESISTOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00 114828	SKCF2 114828 FN-27 R391 R392 PULLED:	88.00	09-23-04			
						114922 FN-27 R391 R392 PULLED:	229.00	09-27-04			<i>2</i>
47	M55142K06B5D11P RESISTOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00 114829	SKCF2 114829 FN-30 R642 R643 PULLED:	240.00	09-23-04			
						114923 FN-30 R642 R643 PULLED:	232.00	09-27-04			<i>2</i>
48	M55142K08B10E7R RESISTOR,CHIP,100K,10K 0 ORIGINAL QUANTITY...	EA	23.00	RSVD	23.00 114930	SKCF2 114930 FN-31 R3 R145 R146 R147 R148 R149 R150 R151 R167 R168 R171 R172 R177 R178 R186 R640 R641 R178 R749 R750 R751 R752 R753 PULLED:	615.00	09-23-04	CF2C		
						114927 FN-31 R3 R145 R146 R147 R148 R149 R150 R151 R167 R168 R171 R172 R177 R178 R186 R640 R641 R178 R749 R750 R751 R752 R753 PULLED:	607.00	09-27-04			<i>23</i>
						91324 FN-31 R3 R145 R146 R147 R148 R149 R150 R151 R167 R168 R171 R172 R177 R178 R186 R640 R641 R178 R749 R750 R751 R752 R753 PULLED:	58.00	09-24-03			

DEFECT RECORD REPORT

ID: 29270

PART NUMBER: LAT-DS-01646

INSPECTION TYPE: POST REFLOW

OFF. SOLDER: 0

WORK ORDER: 112006

INSPECTION LEVEL: 1

OFF. ASSEMBLY: 0

SALES ORDER: F17200

INSPECTOR: HUBBARD

DATE: 2/9/2005


QUANTITY: 1 RW QTY: 1

WEEK CODE: B

CUSTOMER: SLAC

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	RET DES	PINNOTES
106	1		A341		COPLANARITY / LEAD NOT SEALED PROPE	✓ u40	pin B
106	4		S402		INSUFFICIENT SOLDER	✓ u41	pin B
106	2		S402		INSUFFICIENT SOLDER	✓ u60	pin B
106	4		S402		INSUFFICIENT SOLDER	✓ u65	pin B
106	4		S402		INSUFFICIENT SOLDER	✓ u64	pin B
106	4		S402		INSUFFICIENT SOLDER	✓ u69	pin B
106	3		S402		INSUFFICIENT SOLDER	✓ u10	pin B
106	4		S402		INSUFFICIENT SOLDER	✓ u55	
106	4		S402		INSUFFICIENT SOLDER	✓ u03	pin B
106	4		S402		INSUFFICIENT SOLDER	✓ u56	
106	4		S402		INSUFFICIENT SOLDER	✓ u61	pin B

Revised
Dr. 1/6/48
2-14-05

 2/14/05

DEFECT RECORD REPORT

ID: 29645

PART NUMBER: LAT-DS-01646

INSPECTION TYPE: HAND SOLDER

OFF. SOLDER: 217

WORK ORDER: 112006

INSPECTION LEVEL: 1

OFF ASSEMBLY: 236

SALES ORDER: F17200

INSPECTOR: VANDEVER

DATE: 2/24/2005

QUANTITY: 1 RW QTY: 1

WEEK CODE: 10

CUSTOMER: SLAC

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PINNOTES
GT106	1	1941	A307		DAMAGED COMP	① R1	Revised 2/24/05 file # 1941
GT106	1	1857	A307		DAMAGED COMP	D4	Revised 2/24/05 116 #
GT106	1	1857	A307		DAMAGED COMP	D2	
GT106	1	1857	A307		DAMAGED COMP	D2	
GT106	1	1941	A307		DAMAGED COMP	② R2	Revised 2/24/05 file # 1941

WESTER

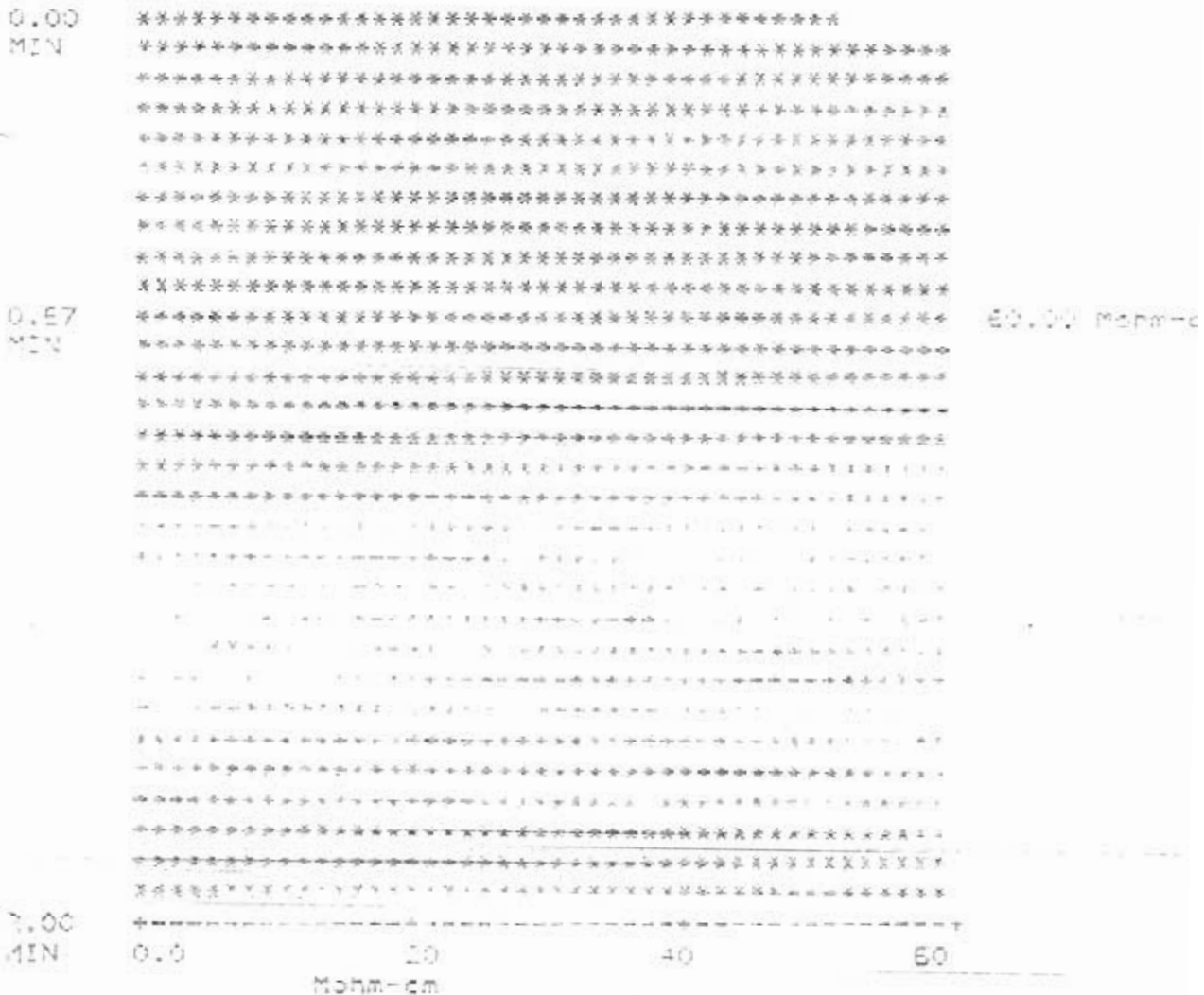
Operator : J.C.
04/26/05
12:33:57

Test Type : Auto
Test name : 'Manual Test'
Board # 6T106 has P A S S E D

TEST TIME : 2.00 min
TEST VOLUME : 9680 ml
BOARD AREA : 242.0 sq in
COMP. AREA : 0.00 sq in
VOL/SP. IN : 40 ml/sq. in
P/F LIMIT : 10.07 ug/sq in
 : 7.70 Mohm-cm

Initial Resistivity : 67.67 Mohm-cm
NaCl Equivalence (Final) : 0.58 ug/sq in

TIME vs RESISTIVITY



Final Resistivity : 60.00 Mohm-cm
NaCl Removed : 0.00 ug/sq in



General Technology Corporation

CONFORMAL COATING DATA SHEET

CCA P/N: LAT-DS-01646 GLAT 1757 GT 106

W.O. #: 112006

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

Date: 4/27/05

MIX RATIOS

Coating TYPE: ARATHANE Mfr: HUNTSMAN

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

MIX RATIOS: 18 PBW 5750 A To 100 ^{Dm} PBW 5750-B

AIR CURE: 4/27/05 7:25 AM To 1:25 PM


OVEN CURE: 4/27/05 1:25 PM To 2:30 PM

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. HECKIN	K. BERGTHOLDT	P. LUJAN				
[Signature]	[Signature]	[Signature]	[Signature]				
PREPARED BY	DATE	ENG MGR	DATE	QA MGR	DATE	SLAC SOURCE	DATE
	4-18-05	SUP	4-18-05	Ent	4/19/05		4-19-05

STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	Record serial numbers: TEM LAT-DS-01646 SN GT- <u>106</u> GLAT- _____			
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	4/20/05	1.5
3	AQUEOUS CLEAN USING RECIPE #3	1337	4/20/05	
4	INSPECTION: INSPECT FOR BOARD CLEANLINESS. NO SOLDER BALLS ALLOWED.	1337	4/21/05	1.25
5	SOURCE INSPECTION		4-25-05	



WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

A N: LAT-DS-02588
A. CABLE, CONN, TEM

WOP 112026
REQ DATE 02-04-05
REL DATE 01-31-05
JOB #
PO# 0000048999

CUST PR
QTY 19
PROJECTS 117300
COST# 15356

*SERIAL NUMBER LISTING:-----

APPROVAL:
PROD *Pat 2/4/05*
CA: *UJM 2.4.05*

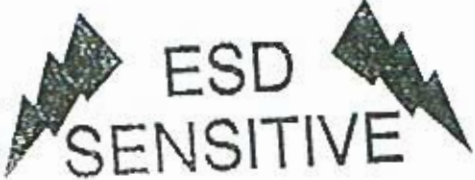
N/A

*WORKMANSHIP:-----

ANSI-Z-37D-001C CLASS 3; OTHER;
(DEFAULT WORKMANSHIP UNLESS INDICATED OTHERWISE, ABOVE)

LOT NO.	LOT QTY	SERIAL NUMBERS	SEQ NO.	REASON	APPRV DATE

(wobdr rev 05.19.04 gih)



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



* 200 00 CONFIG RECORD/WITTING 0.0000 0.0000 0.0000
CONFIG

***** CONFIGURATION DOCUMENTS *****
 DOCUMENT NUMBER REV FD/PL OUTSTANDING EO'S
 ASSY & PL: LAT-DS-02588 51 NONE
 TEST SPEC: N/A
 ASSY AID: N/A
 CUSTOMER NAME: SLAC
 ***** BUILD DOCUMENTS *****
 USE... TRAVELER AND DRAWING
 (REV'D/PRP'D BY: GH (DATE)DATE: 02.02.05

DATE...	QTY..	REMARKS.....	STATUS
<i>2-4-05</i>			<i>N/A</i>

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

/PN# LAT-DG-02558
ASSEMBLY, CABLE, CONN, TEM

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

CUST #
QTY 19
PROJECT# P17200
COST# 15356

PAGE 2

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



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

* WIRE, CRIMP PINS, AND CONNECTOR.

DATE	QTY	REMARKS	STATUS
2/1/05	19		

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER: TRAVELLER - NEW

PAGE 3

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

Q/PNS LAT-DS-02588
CABLE, CONN. TEM

NO# 112026
REQ DATE 02-04-05
REL DATE 01-31-05
SQ#
PO# 0000048739

CUST #
QTY 15
PROJECT# F17200
CUST# 15356

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



3 220 00 CABLE/HARNESS ASSY AREA 0.0000 0.0000 0.0000

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

* CRIMP TEST SETUP - GTC-2081.

CUT 6 PIECES OF WIRE @ 5" 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 SCHUMBER PNEUMATIC WIRE STRIPPER SET UP WITH
24 AWG STRIP BLADES, A STRIP LENGTH OF 3/16"
AND LEAVES THE INSULATION SLOTTED 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: 2/19/05 DATE: 2/19/05 STATUS Pass

* ASSEMBLY ACTIVITY...

1) FEED WIRE DIRECTLY OFF THE SPOOL TO THE STRIPPER.

2) STRIP THE INSULATION LEAVING THE SLOTTED (1.125")

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

4) CUT 39 PICES TO 1-1/8" (1.125") LONG. USE PROGRAM # 89

5) CUT 39 PICES TO 1" (1.000") LONG. USE PROGRAM # 90

6) STRIP SECOND END USING THERMAL TWEEZERS, 3/16"

7) TIN SECOND END BY SOLDER DIP. CLEAN WITH ALCOHOL.

8) FULL INSULATION SLOTTED AND CRIMP CONTACT (22D) 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: 2/19/05 DATE: 2/19/05 STATUS Pass

DATE	QTY	REMARKS	STATUS
2/10/05	4	8 7/8 (39) @ 1 1/8" (39) @ 4 each	EM1970
3.10.05	8	1 1/8" (350) 1" (200) 1 5/16 (175)	H6. #1941
3.11.05	8	1 1/8 strips	H6. #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. 8
3/16 (19)
GTC-A-463
K42 - 7mm

3.11.05 @ 5/16 strips H6 #1941

3.11.05 crimps 1 5/16 H6 #1941

3-10-05 MV 1942 1" str

3-12-05 timing H6 #1941 15

3-14-05 crimp pin 1" (46) H6. #

3-14-05 crimp pin 1 1/8 (90) H6. #

3-14-05 crimp pin 1 1/8 (235) H6. #

3-14-05 crimp pin (126) 1" H6. #

- * pre-Asst crimp test 2.28.05 Pass H6. #1941
- pre-Asst crimp test 3.10.05 Pass H6. #1941
- u " 3.2.05 Pass H6. #1941
- u " 3.3.05 Pass H6. #1941
- no crimping on 3.4.05
- pre-Asst crimp test 3.5.05 Pass H6. #1941
- u " 3.7.05 Pass H6. #1941
- pre-Asst crimp test 3.14.05 Pass H6. #1941
- post-Asst crimp test 3.21.05 Pass H6. #1941

See page
3A - continued
Jetha

VJRX CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

/FNR LAT-DS-02588
ASSY. CABLE. CONN. TEM

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

CUST P#
QTY 19
PROJECT# F17200
CUST# 13356

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
CPE: SLDR-78 ASSY-312

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

DRR#(S)

DATE	QTY	REMARKS	STATUS
2/17/05	4	7/8" 39 pieces	QC 52
	4	1/8" 39 pieces	
3/4/05		(redone)	QC 51



5 220 00 CABLE/HARNESS ASSY INSP 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 78.
- ... ASSURE CONTACT IS SEATED AND LOCKED INTO CONNECTOR.

3/1/05 1/8" wires into 21 Through 49
strips, crimps & things 3/4/05
QC 51
QC 52
QC 53
QC 54
QC 55
QC 56
QC 57
QC 58
QC 59
QC 60
QC 61
QC 62
QC 63
QC 64
QC 65
QC 66
QC 67
QC 68
QC 69
QC 70
QC 71
QC 72
QC 73
QC 74
QC 75
QC 76
QC 77
QC 78
QC 79
QC 80
QC 81
QC 82
QC 83
QC 84
QC 85
QC 86
QC 87
QC 88
QC 89
QC 90
QC 91
QC 92
QC 93
QC 94
QC 95
QC 96
QC 97
QC 98
QC 99
QC 100

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

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



6 250 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
CPE: SLDR-0 ASSY-78

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

DRR#(S)

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

DATE	QTY	REMARKS	STATUS
2/17/05	4	AMP206504-1 conn inserts, step 5.	QC 51
3-15-05	2	AMP20694-1 conn, check inserts	QC 52
3/21-05	1		QC 53
3/22/05	3	conn.	QC 54

WORK ORDER : 112026

(NEW)

WORK ORDER PICK LIST

PAGE: 1

ASSEMBLY # : LAT-DS-02588
NO. QUANTITY : 19
LOCATION : MO2

BY LINE ITEM

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

PULLED:

PULLED BY:

LI#	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS			INVLOC	LOT NUMBER	INVENTORY DETAIL				
			REQUIRED QUANTITY	CURR STAT	STATUS			RESV IN LOT #	LOT QUANTITY	LOT DATE	BIN	BINLOC QUANTITY
1	206504-1 AMPLIMITS 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: LI# 1.1 3112407-SP-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	01-04		
The following parts have been defined as alternates for 204370-8: LI# 3.1 GDBP1 1 PER Partial quantity replacements are allowed.												
3	204370-8 PIN, CRIMP ORIGINAL QUANTITY...	EA	24.00	RSVD	1596.00	114796	SKCF2 FN-2	114796	1997.00	09-23-04	IN ASSY	
							FN-2	115041	970.00	09-23-04	217200	

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 200A (6-17-04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	11.8	12.9	12.9
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS	<input type="radio"/> FAIL	<input checked="" type="radio"/> PASS
		<input type="radio"/> FAIL	<input type="radio"/> PASS
			<input type="radio"/> FAIL
	Type of Separation Observed		
SLIP (pull out) (a)			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)			
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)	✓	✓	✓
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			
SPECIAL INSTRUCTIONS (as reqd):			

1500

CRIMP TENSILE STRENGTH LAT-DS-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	/	TEST DATE
CONTACT PN:		2/09/05
WIRE PN:		TESTED BY
CRIMP TOOL PN (GTC Tool #):	(GTC-)	Roman Marmol 1970
DIE/LOCATOR PN (GTC Tool #):	(GTC-)	WORK ORDER NO.
SELECTOR VALUE:		112026
TEST EQUIP # (Last CAL date):	()	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.2	13.4	13.5
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL
	Type of Separation Observed		
SLIP (pull out) {a}			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) {b}			
CONTACT BROKEN IN CRIMP AREA (some or all) {c}			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) {d}	✓	✓	✓
CONTACT BROKEN OUTSIDE OF CRIMP AREA {e}		✓ RN	✓ RN
OTHER (define) {f}			
SPECIAL INSTRUCTIONS (as reqd):			

0830

CRIMP TENSILE STRENGTH

LAT-05-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	RHODA MARLOW / 1970	TEST DATE
CONTACT PN:	204370-8	2-15-05
WIRE PN:	M22759/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A 930)	RHODA MARLOW 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 MPE 200A (6.17.04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	12.8	13.5	13.3
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input type="radio"/> PASS <input type="radio"/> FAIL
	Type of Separation Observed		
SLIP (pull out) (a)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)			
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			
SPECIAL INSTRUCTIONS (as reqd):			

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 STINA MARRION WORK ORDER NO. 1102/12026
CONTACT PN:		
WIRE PN:		
CRIMP TOOL PN (GTC Tool #):	(GTC-)	
DIE/LOCATOR PN (GTC Tool #):	(GTC-)	
SELECTOR VALUE:		
TEST EQUIP # (Last CAL date):	()	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.3	12.6	13.3
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <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):			

1:10 p.m.

CRIMP TENSILE STRENGTH

Lat-05-02688

MIL-STD-1344: METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 18441	TEST DATE
CONTACT PN:	704370-8	2.28.05
WIRE PN:	M22759/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC 4.52)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520/2-09 (GTC 4.631)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	Alderson MPF210A (6124) 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):	<u>PRE - PROD</u>	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1#241	TEST DATE
CONTACT PN:	204370-8	3.1.05
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC# 832)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-09 (GTC# 831)	WORK ORDER NO.
SELECTOR VALUE:	3	117026
TEST EQUIP # (Last CAL date):	Alphatron MPF 700A (6/20/04) 11805	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

7:42 a.m.

CRIMP TENSILE STRENGTH Lot-DS-02589

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 #:	Horie Gary 127941	TEST DATE
CONTACT PN:	204370-8	33.05
WIRE PN:	M22799 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC 830)	Horie Gary
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-01 (GTC 831)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	Alphatron MPE 200A 11-24-9 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	13.6	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):

9:50 A.M.

CRIMP TENSILE STRENGTH Lot DS-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<input checked="" type="radio"/> PRE <input type="radio"/> PROD	<input type="radio"/> POST - PROD	
CRIMP OPERATOR NAME/EMP #:	Herbie Gray #1941	TEST DATE	
CONTACT PN:	204370-8	3.505	
WIRE PN:	M22759 / 11-24-9	TESTED BY	
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC 1102)	Herbie Gray	
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-09 (GTC 831)	WORK ORDER NO.	
SELECTOR VALUE:	3	112026	
TEST EQUIP # (Last CAL date):	Adatron MPF 70A (6.17.04)		
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:	

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.4	13.2	13.4
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS <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):			

8:50 a.m.

CRIMP TENSILE STRENGTH Cat-DS-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<u>PRE - PROD</u>	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Hedie 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 A-830)	Hedie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-09 (GTC A-831)	WORK ORDER NO.
SELECTOR VALUE:	3	117026
TEST EQUIP # (Last CAL date):	Alphatech MPF 200A (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):

7:45 a.m.

CRIMP TENSILE STRENGTH

Lot-05-02508

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 #:	Herbie Gray #1941		TEST DATE	
CONTACT PN:	204370-8		3.7.05	
WIRE PN:	M22520 / 11-24-9		TESTED BY	
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC #1012)		Herbie Gray	
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-09 (GTC #531)		WORK ORDER NO.	
SELECTOR VALUE:	3		112026	
TEST EQUIP # (Last CAL date):	Hera MDT-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	13.1	13.7	
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS	<input type="radio"/> FAIL	<input checked="" type="radio"/> PASS	<input type="radio"/> FAIL
	Type of Separation Observed			
SLIP (pull out) {a}				
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 1B - 020583)

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1#1941	TEST DATE 3/14/05 TESTED BY Herbie Gray WORK ORDER NO. 112026
CONTACT PN:	204370-8	
WIRE PN:	M22759 / 11-24-9	
CRIMP TOOL PN (GTC Tool #):	M2292 / 2-01 (GTC# 102)	
DIE/LOCATOR PN (GTC Tool #):	M2293 / 7-01 (GTC# 836)	
SELECTOR VALUE:	3	
TEST EQUIP # (Last CAL date):	MPT-2004 (6.7.04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.4	17.9	13.2
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):

CRIMP TENSILE STRENGTH

CAT-DS-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	<u>POST</u> PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1 #1941	TEST DATE
CONTACT PN:	204370-8	3.21.05
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC #1020)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M72520 / 2-09 (GTC #836)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	Alpation MPT-200A (6.17.04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.6	13.4	13.8
PASS/FAIL (circle test result)	<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):

Assy LAT-DS-02588

CRIMP TENSILE STRENGTH

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<u>PRE - PROD</u>	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Dora / 11337	TEST DATE
CONTACT PN:	204370-8 (C08P1)	4/28/05
WIRE PN:	m22759/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	m22520/2-01 (GTC-A610)	Dora
DIE/LOCATOR PN (GTC Tool #):	m22520-209 (GTC-)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	6/17/04 ^{Duc} 6/17/04 ^{GTC 758}	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10.0	10.0	10.0
MEASURED TENSILE STRENGTH:	13.7	13.5	13.4
PASS/FAIL (circle test result)	<u>PASS</u> FAIL	<u>PASS</u> FAIL	<u>PASS</u> FAIL
Check Failure Mode Observed			
SLIP (pull out) (a)	13.7 ✓		✓
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)			
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)		✓	
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			
SPECIAL INSTRUCTIONS (as reqd):			

Assy LAT-D5-0258

CRIMP TENSILE STRENGTH

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Nara 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)	Nara
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
		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):			