

GENERAL TECHNOLOGY CORP.
450 MISSION AVENUE NE
ALBUQUERQUE NM 87107
TEL. 81666

SHIPPER
SHIPPER NUMBER F17301.10
SALES ORDER NUMBER F17301
SHIP DATE 06/15/05
PAGE 1

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

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

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

CUSTOMERS PO: 0000053627

RESALE NO:

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

Special Inspection is required.

1.1	12	EA	LAT-DS-01643 ASSY, UNIT-TEM/TPS S/N: GT114 GLAT1841. QTY DUE...: 0	52	1.00	1	131222
-----	----	----	---	----	------	---	--------

SHIP VIA: UPSR
WAYBILL#:

Confidence of Performance

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

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

L. O. M. + (970) 111166

END-ITEM DATA PACKAGE – LAT-DS-01643; Serial Number: GT114 GLAT1841

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# 113233 : S/N (above SN)

TPS Unit: LAT-DS-01482 WO# 113213 : S/N GT113 GLAT1821

TPS CCA: LAT-DS-02388 WO# 112666 : S/N GT113 GLAT1783

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# 113115 : S/N GT114 GLAT1803

TEM CCA: LAT-DS-01646 WO# 112014 : S/N GT114 GLAT1765

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.) { }

(N/A)

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-ID-02391: Rev No. (PL - 56)

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

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

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

END-ITEM DATA PACKAGE – LAT-DS-01643; Serial Number: GT114 GLAT1341

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

- Top Level; TEM/TPS LAT-DS-01643
- TPS Unit; LAT-DS-01482
- TPS CCA; LAT-DS-02388
- TPS O/P Cable; LAT-DS-02831-01
- TPS I/P Cable; LAT-DS-02830-01
- TEM Unit; LAT-DS-01481
- TEM CCA; LAT-DS-01646
- TEM I/P Cable; LAT-DS-02588

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

TR# vs. TEM CCA LAT-DS-01646: _____
TR# vs. TPS CCA LAT-DS-02388: _____

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

(LAT-DS-02388/29624 LAT-DS-02830/29597 LAT-DS-01646/29539/305)

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

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

- TEM CCA LAT-DS-01646 Bottom Side Top Side
- TPS CCA LAT-DS-02388 Bottom Side Top Side
- 3/4 view of TEM LAT-DS-01481 3/4 view of TPS Unit LAT-DS-01482
- 3/4 view of TEM/TPS Unit LAT-DS-01643

Completed by: *Celia Mastery*

Date: 6-15-05

GTC QA Acceptance:  _____

Date: 6-15-05

SLAC QAR Acceptance:  _____

Date: 6-17-05

WORK CTCL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

Assy, UNIT-TEM/IFS

WOB# 113233
DATE 05-18-05
PC# 000003627

CUST BY
QTY
PROF/PTS 117301
CUST# 18386

SERIAL NUMBER *****
GT114 GLAT1841

APPROVAL ***
PROD: Kit, 5-3-05
of 10th, 83-05

MEMORANDUM *****
IPC/EIA-3-SID-0010 CLASS B; 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.
with 10.02.05*****

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



1 201 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000
CONFIG

***** CONFIGURATION DOCUMENTS *****
DOCUMENT NUMBER REV FD/PL OUTSTANDING BO'S
ASSY DWG. LAC-001-01443 53 NONE
BOM PL. (SAME - ON PWB)
CUST SOW. LAC-001-00008/03078 53 NONE
VISE/ST. LAC-001-00008/03078 (ISSUED PER EC 2479)
ASSY AID: LAC-001-00008/03078 (ISSUED PER EC 2479)
CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)
BUILD DOCUMENTS
USE WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS
* SEE LAST PAGE OF WO (FOOTER) FOR TRAVELER REV/CHG RECORD *

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

5-3-05 _____ Refer



2 201 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000
KITTING

* PROCESS MATERIAL PER CAA STEP 2.

DATE... QTY... REMARKS..... STATUS
5/11/05 1 _____ Unit 2004

STAMPED AREA

WORK ORDER: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

PN# LAI-DS-01643
PN# UNIT-TEM/TPS

W# 113233
REQ DATE 06-10-05
REL DATE 04-11-05
C# P17301
PC# 0000059927

CUST #
QTY 1
PROB# P17301
COST# 15356

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



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

* PROCESS ASSY PER CAA STEP 3.

DATE	QTY	REMARKS	STATUS
06/15/05	1		ByP(1288)



4 217 00 CCA/BLACK BOX ASSY AREA
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-944 CAL DUE DATE: 08/05

DATE	QTY	REMARKS	STATUS
06/15/05	1		ByP(1288)
6/15/05	1	WITNESS TORQUE	LAT 10 RA



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

* PROCESS ASSY PER CAA STEP 5.
* RECORD MATERIAL DATA BELOW
ADMSY 0251: GTC PO# 31403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START 06/15/05 1:30 PM - 3:30 PM

DATE	QTY	REMARKS	STATUS
06/15/05	1		ByP(1288)

10 CCA/BLACK BOX ASSY AREA
ASSY MARKING ANW3 Adell

55/20 * PROCESS ASSY PER CAA STEP 7
* RECORD MATERIAL DATA BELOW
INX 50-5128 GTC PO# 31201 EXPIRATION DATE 04/27/07
LOT # PT A: 200409080033
LOT # PT B: 200407020071
MIX REQ'D: PT A WGT: 10gr PT B WGT: 0.6gr
MARKING DATE/TIME 06/15/05 1:30 PM
(PRE OCCURS AT STAGING STEP 10)

DATE	QTY	REMARKS	STATUS
06/15/05	1		ByP(1288)

Handwritten signature/initials



WORK CELL: 1-B00 RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

WPN: LAT-05-01643
UNIT-TEM/PS

W# 113333
REV 01
DATE 05-10-05
BY 104-10-05
REV 01
DATE 05-10-05
BY 104-10-05
REV 01
DATE 05-10-05
BY 104-10-05

CUST #
PROJECT # 1
CUST # 117301
CUST # 19386

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



2 255 00 QUALITY ASSURANCE AREA
OP# SLDR-0 ASSY-122 0.0000 0.0000 0.0000

* PROCESS ASSY PER CAA STEP 6

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
6/15/05	1		



2 260 00 SOURCE INSPECTION
EXAMINE BOX JOINING
AND BID PACKAGE 0.0000 0.0000 0.0000

* 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 GIC-1107).

DATE	QTY	REMARKS	STATUS
6.15.05	1	GLAT 1891	



2 250 00 QUALITY ASSURANCE AREA
OP# SLDR-0 ASSY-127 0.0000 0.0000 0.0000

* PROCESS ASSY PER CAA STEP 8

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

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
6/15/05	1		

WORK ORDER 013213

NEW

WORK ORDER PICK LIST

PAGE 1

TYPE: F LAT-05 01843
LOCATION: 401

BY LINE ITEM

DEFECTIVITY DATE: 05-01-08
RELEASE DATE: 05-01-08
DATE PAID: 05-17-08

DATE FILLED:

FILLED BY:

LINE	DESCRIPTION	UN	REQUIRED QUANTITY	CURR	STATUS	RECV ON	LOC #	INVOIC NUMBER	INVOICE DATE	QTY	LOC	DATE	BIN/LOC	QTY
4	LAT-05-01843 SHEET, SWICH CAP, 810K 82	EA	40.00	8000		40.00	120307	SKETS FN-03	120317	40	08	11	07 IN ASSY	
	ORIGINAL QUANTITY		40.00					FILLED						
4	ACCESSORY MISC. LOT KIT	OT	1.00	80		1.00		SKETS FN-04						
	ORIGINAL QUANTITY		1.00					FILLED						

WORK JEDD: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

DWG: LAT-DS-01482
CLART, DAQ: 193

WOS: 113213
REC DATE: 05-06-03
REL DATE: 04-20-03
CO#: F19300
PO#: 0700008800

CUST Pa
QTY: 1
PROJECT: F19300
CUST: 10386

SERIAL NUMBER
GT113 GLAT1821

APPROVAL
FRD: CA/S-305
CA/S-305

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

SLAC 03 03 04

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



1 201 00 CONFIG RECORD/KITTING CONFIG 0.0000 0.0000 0.0000

***** CONFIGURATION DOCUMENTS *****
REV DWG: DOCUMENT NUMBER REV FD/PL OUTSTANDING EQ'S
REV PL: (SAME - UN DWG) 55 NONE
CUST ROM: LAT-PS-03078 03 NONE
ISS TEST: (N/A THIS LEVEL)
ISSY AID: LAT-DS-01482 (RELEASED PER EC 2477)
CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)
USE: WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS
***** SEE FOOTER OF WORK ORDER FOR REV HISTORY *****

DATE	QTY	REMARKS	STATUS
<u>5.3.03</u>			<u>None</u>



2 201 00 STOCKROOM/KITTING AREA KITTING 0.0000 0.0000 0.0000

PROCESS MATERIAL PER CAA STEP 3.

DATE	QTY	REMARKS	STATUS
<u>5/17/03</u>	<u>1</u>		<u>4mm 3004</u>



WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

WIP: LAT-05-01482
A. SLAST, DAC, OPS

WIP: 112213
REQ DATE 05-26-05
REL DATE 04-20-05
SCR 917300
PCB 0000046600

CUST P#
QTY 1
PROJECT# 917300
CUST# 18158

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



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

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

GTC PO# 32131 EXP. DATE 10/1/05
 LOT #'S (PT A) 30775 (PT B) 32775
 MIN RECORD (PART A WGT) 15gr (PART B WGT) 1gr

DATE	QTY	REMARKS	STATUS
06/13/05	1		Buy(1288)



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

- PROCESS ASSY PER CAA STEP 4.

INSTALLED CCA SERIAL NUMBER: GT113

DATE	QTY	REMARKS	STATUS
06/13/05	1		Buy(1288)



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

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

TOOL# GTC-E-951 1/2 CAL DUE DATE 08/05
 GTC-E-964 CAL DUE DATE 08/05

DATE	QTY	REMARKS	STATUS
06/13/05	1		Buy(1288)
06/13/05	1	WITNESS TORQUE	



WORK CELL: 4-DIG RUNNER

CUSTOMER: SLAC

TYPE PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

PN# 147-DR-01482
ASSY: SLAST, DAD, TPS

MO# 113213
REQ DATE 04-04-05
DEL DATE 04-20-05
CO# 217333
PO# 1000048800

CUST #
QTY 1
PROJECT# 217333
CDS# 18386

LINE DEPT MACH# OP# DESCRIPTION SET-UP HOURS 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 QAR TO WITNESS TORQUE PROCESS **
- * RECORD ASSIGNED TOOL# USED, AND CAL DUE DATE, BELOW.

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

DATE	QTY	REMARKS	STATUS
06/13/05	1		ByP(1288)
6-13-05	1	WITNESS TORQUE	



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

- * PROCESS ASSY PER CAA STEP 7.

DATE	QTY	REMARKS	STATUS
06/13/05	1		ByP(1288)



8 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
INSTALL J1 TO J10

- * PROCESS ASSY PER CAA STEP 8.
- ** ALERT SLAC QAR TO WITNESS TORQUE PROCESS **
- * RECORD ASSIGNED TOOL# USED, AND CAL DUE DATE, BELOW.

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

DATE	QTY	REMARKS	STATUS
06/13/05	1		ByP(1288)
6-13-05	1	WITNESS TORQUE	

WORK CELL: 1-510 RUNNER

CUSTOMER: SLAC

TYPC: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 4

ASSY: /PWS 127 06-01481
ASSY: SLAST, DAG, TBS

WOB 112213
WOB DATE: 03-06-05
REV: 04-20-05
JOB # 0000048800

CUST #
PROJECT # 1
PROJ # F17300
COST# 15356

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



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

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

ADHSV 0191: GTC PO# 31403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START 06/13/05 12:30 PM STOP 2:30 PM

DATE	QTY	REMARKS	STATUS
06/13/05	1		BYP(1288)



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 0191: GTC PO# 31403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START 06/13/05 4:30 PM STOP 6:30 PM

DATE	QTY	REMARKS	STATUS
06/13/05	1		BYP(1288)



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 0191: GTC PO# 31403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START 06/13/05 4:30 PM STOP 6:30 PM

DATE	QTY	REMARKS	STATUS
06/13/05	1		BYP(1288)

WORK CELL: 1-BIG RINNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 5

PN# 127-DS-01462
ALY. GLASS. BAO. TFS

W# 1-3223
REQ DATE 15-04-05
REL DATE 14-11-05
C# P17300
PC# 0000048900

COST #
QTY
PROJECT# 217300
CUST# 16390

LINE DEPT MACH# CP# DESCRIPTION..... H O U R S
SET-UP RUN LINE-MACH ST-107



12 012 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
STAKE J1 HARDWARE

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

ADHAY 0181: GTC FOR 31403 EXPIRATION DATE 8/31/07
CURE DATE/TIME: START- 06/13/05 4:30 PM STOP- 6:30 PM

DATE	QTY	REMARKS	STATUS
06/13/05	1		Buy (1288)



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

- PROCESS ASSY PER CAA STEP 13.

DATE	QTY	REMARKS	STATUS
06/13/05	1		Buy (1288)



14 290 10 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OPE: SDCR-2 ASSY-257

- PROCESS ASSY PER CAA STEP 14.

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
6/13/05	1		



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

- PROCESS ASSY PER CAA STEP 15

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
6.13.05	1	GLAT 1821	

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 4

WORK# LAT-26-01483
MAY. GLAST. IAO. TSS

WC# 112210
REQ DATE 05-20-10
REL DATE 04-20-10
JOB # F17300
PC# 0000048800

CUST #
PROJECT# F17300
CUST# 10256

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



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

* PROCESS ASSY PER CAA STEP 16.

DATE... QTY... REMARKS... STATUS
06/13/05 1 _____ Byp(1288)



17 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
TORQUE FASTENERS.

* PROCESS ASSY PER CAA STEP 17.

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

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

TOOL = GTC-E-951/2 CAL DUE DATE 08/05
UTC-E-644 CAL DUE DATE 08/05

DATE... QTY... REMARKS... STATUS
06/13/05 1 _____ Byp(1288)

1.1305 1 WITNESS TORQUE



18 251 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OPE: SLDR-3 ASSY-04

* PROCESS ASSY PER CAA STEP 18.

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE... QTY... REMARKS... STATUS
6/14/05 1 _____



TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 7

PN# LAT-05-01143
ASSY, GLASS, DRG. OPS

WOM 113213
REQ DATE 05-06-05
REL DATE 04-20-05
SC# 217300
PO# 0000048600

CUST P#
CUST QTY 1
CUST# 18164
CUST# 18164

LI# DEPT MACH# OP# DESCRIPTION..... SET-UP RUN HOURS LINES 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

ACHSV 0151; QIC POK 31403 EXPIRATION DATE 01/31/07
CURD DATE/TIME: START- 04/13/05 4:30 PM STOP- 6:30 PM

DATE	QTY	REMARKS.....	STATUS
04/13/05	1		Buy(1288)



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

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

DATE	QTY	REMARKS.....	STATUS
6/13/05	1		



21 280 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
CUSTOMER SOURCE INSP

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

DATE	QTY	REMARKS.....	STATUS
6/14/05	1	GLAT 1821	



***** TRAVELER REVISION HISTORY RECORD *****
 CREATED BY: _____ FOR ASSY REV: _____ DATE: 149505
 WORKIN: _____
 CHG# BY DATE CHANGE DETAIL
 59 CLR 149505 RELEASED AT REV 59, AND CAA AT REV -

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

LEVEL # 101 ES-01460
LOCATION: 402

BY LINE ITEM

REVISIONS: 1
DATE: 08-08-07
BY: [Signature]

DATE PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UNIT	REQUIREMENTS		REQ IN LOT #	INVTDC NUMBER	INVENTORY DETAIL			
			QUANTITY	STATUS			DATE	SYNLOC	QUANTITY	
1	101-02-20305 WAS 20-2 ORIGINAL QUANTITY: 2.00	EA	2.00	RSTD	2.00 101005	SKCP2 FN-2 PULLED	101005	08-08-07	SLAC	1
2	101-02-20307 WAS 20-2 ORIGINAL QUANTITY: 2.00	EA	2.00	RSTD	2.00 101004	SKCP2 FN-2 PULLED	101004	08-08-07	SLAC	1
3	101-02-20308 WAS 20-2 ORIGINAL QUANTITY: 2.00	EA	2.00	BC	2.00	SKCP2 FN-2 PULLED				0.00
4	WAS1000004 6 WAS 10 ORIGINAL QUANTITY: 20.00	EA	20.00	RSTD	20.00 115010	SKCP2 FN-4 PULLED	115010	09-27-04	LOT 115	30
						SKCP2 FN-4 PULLED	115011	10-10-05	IN ASSY	10.00
5	WAS1000004 6 WAS 10 ORIGINAL QUANTITY: 20.00	EA	20.00	BC	20.00	SKCP2 FN-5 PULLED	WAS 20-2	10 EA		0.00
6	WAS1000014 4 WAS 10 ORIGINAL QUANTITY: 20.00	EA	20.00	RSTD	20.00 115010	SKCP2 FN-8 PULLED	115010	10-27-04	PI100	20
						SKCP2 FN-8 PULLED	115016	12-10-04	IN ASSY	4.00
7	WAS 10 WAS 10 ORIGINAL QUANTITY: 1.00	EA	1.00	BC	1.00	SKCP2 FN-7 PULLED	WAS FN-7			0.00
8	WAS 10 WAS 10 ORIGINAL QUANTITY: 1.00	EA	1.00	BC	1.00	SKCP2 FN-8 PULLED	WAS FN-8			0.00
9	WAS 10 WAS 10 ORIGINAL QUANTITY: 5.00	EA	5.00	BC	5.00	SKCP2 FN-9 PULLED	WAS FN-14			0.00
10	WAS 10 WAS 10 ORIGINAL QUANTITY: 4.00	EA	4.00	BC	4.00	SKCP2 FN-10 PULLED				0.00
11	WAS 10 WAS 10 ORIGINAL QUANTITY: 5.00	EA	5.00	BC	5.00	SKCP2 FN-11 PULLED	WAS FN-11			0.00
12	WAS 10 WAS 10 ORIGINAL QUANTITY: 1.00	EA	1.00	BC	1.00	SKCP2 FN-12 PULLED				0.00

WORK ORDER 113213

(NEW)

WORK ORDER PICK LIST

PAGE 2

WMSLY 8 CAT-05 01482
UNITS: 1
LOCATION: 404

BY LINE ITEM

EFFECTIVITY DATE: 05-02-05
RELEASED DATE: 05-20-05
DATE FULFILLED: 05-23-05

DATE FULFILLED: _____

FULFILLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	REQUIREMENTS				INVOIC NUMBER	INVENTORY DATA						
		UN	REQUIRED QUANTITY	OLD STATUS QUANTITY	NEW IN LOT #		LOT QUANTITY	LOT DATE	BINLOC	BIN QUANTITY			
12	0111 05-1480 SACCHIST. M.F. 44X-15X 10 ORIGINAL QUANTITY	05	2.00	00	2.00	84072 FN-19							
						FULFILLED							

Handwritten signature and initials over the table.

WORK CEN: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER: NEW

PAGE 1

EN: LAT-DS-02064
LCA: SLACT, TPS

W04 112186
W05 02-10-06
W06 12-01-04
W07 000000000

CUST #
CITY
PROJECTS
COSTS

*SERIAL NUMBER *****
GT113 GLAT1783

-----APPROVAL-----
PROD: KV 2/10/05
02/10/05

*MEMBERSHIP:*****
190/DIA-3-STD-0010 CLASS 3, WITH "CS" SPACE SUPPLEMENT

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

*gth 02.07.05*****

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



1 200 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000
CONFIG

***** CONFIGURATION DOCUMENTS *****
DOCUMENT NUMBER REV BY/DT OUTSTANDING ED'S
SLAC-116-123456 58 NONE
SLAC-116-123457 NONE
SLAC-116-123458 NONE
SLAC-116-123459 NONE
SLAC-116-123460 NONE
SLAC-116-00188
SLAC (STANFORD LINEAR ACCELERATOR CENTER)
BUILD DOCUMENTS
USE... WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS.
*(REV'D)/*REP'D BY: CH (DATE)DATE: 12.07.05*

KAB-4-23-05

Table with columns: DATE, QTY, REMARKS, STATUS. Includes handwritten entry: 2/10/05



2 101 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000
KIT PARTS

- * PROCESS PER CAA STEP 3.
- * ALL SMC PARTS ROUTE THROUGH THE SMT DRY ROOM.
- * ALL OTHER PARTS ROUTE TO SECOND ASSY.

Table with columns: DATE, QTY, REMARKS, STATUS. Includes handwritten entry: 2/10/05



WORK CELL: 4-MIXED

CUSTOMER: SLAC

PROD. PRODUCTION

MARK ORDER TRAVELLER - NEW

PAGE 3

WIP INVT-ES-02333
WIP INVT-ES-02333

WIP INVT-ES-02333
WIP INVT-ES-02333
WIP INVT-ES-02333
WIP INVT-ES-02333

CUST #
PROJECT #
MFG #

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



3 210 00 CCA/BLACK BOX ASSY AREA
MACH 000 SN 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 3.

DATE... QTY... REMARKS..... STATUS
2-11-05 1 PF (6)



4 210 00 SMT ASSY LINE
PRE-SMT BAKEOUT 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 4.

RECORD BAKE DATE-TIME START/STOP BELOW:

BAKE DATE: 2-11-05 START: 10:12 STOP: 10:12

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



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

* PROCESS PER CAA STEP 5.

* RECORD SOLDER PASTE DATA BELOW:

SIC PO# 31728 EXPIRATION DATE 7-14-05

DATE... QTY... REMARKS..... STATUS
2/11/05 1 PF (6)



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

* PROCESS PER CAA STEP 6.

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

C 18 = .0075
C 19 = .0076
C 20 = .0077
C 21 = .0078
C 22 = .0079
C 23 = .0080
C 24 = .0081
C 25 = .0082
C 26 = .0083

Since Both Dims
Same = .0075
Avg = .0075
Range = .0007

Measurements
taken by
the
2/17/05

WORK CELL: 4-MIXED

CUSTOMER: SLAC

PLANT: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

WIP: 12-15-05
WIP: 12-15-05
WIP: 12-15-05

WOB 112000
REQ DATE: 02-10-05
REQ DATE: 12-11-04
COST #
PROJECT # 717300
CURR# 12256

CUST #
CITY
PROJECT # 717300
CURR# 12256

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



013 00 SMT ASSY LINE SOLDER REFLOW 0.0000 0.0000 0.0000

PROCESS PER CAA STEP 7

DATE	QTY	REMARKS	STATUS
2/18/05	1		PF



013 00 SMT ASSY LINE ADDONS CLEAN 0.0000 0.0000 0.0000

PROCESS PER CAA STEP 8

DATE	QTY	REMARKS	STATUS
2/18/05	1		PF



020 00 QUALITY ASSURANCE AREA CPE: SMDR-1251 ASSY-1445 0.0000 0.0000 0.0000

PROCESS PER CAA STEP 9

RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

DRR#(S)

DATE	QTY	REMARKS	STATUS
2/18/05	1		



013 00 SMT ASSY LINE SOLDER PASTE STENCIL TOP SIDE 0.0000 0.0000 0.0000

PROCESS PER CAA STEP 10

RECORDER SOLDER PASTE DATA BELOW

LOT NO: 1728 EXPIRATION DATE: 7-14-05

DATE	QTY	REMARKS	STATUS
2/18/05	1		1122 1800

020 - .0071
 0177 - .0073
 0665 - .0077
 0850 - .0079
 0500 - .0074
 04 - .0071

Solder Paste Data Top Side
 S. no. 0445
 Avg. .0074
 Range .0008

- Measurements Taken By: ME 156 2/18/05

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELER - NEW

PAGE 4

WORK LAT: 02-022998
CALL: SLAST: 176

WOB 112166
REQ DATE 02-10-05
REQ DATE 12-01-04
JOB# 0000068800

PLANT 01
PROJECT 017300
WOB# 18358

DEPT MATH# 004 DESCRIPTION: SET-UP RUN... LINE-MACH ST-LOT



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

* PROCESS PER CAA STEP 11.

DATE	QTY	REMARKS	STATUS
2-18-05	1	Set-up	PF



12 213 00 SMT ASSY LINE SOLDER REFLOW 0.0000 0.0000 1.0000

* PROCESS PER CAA STEP 12.

DATE	QTY	REMARKS	STATUS
2-18-05	1		PF



13 213 00 SMT ASSY LINE AQUEOUS CLEAN 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 13.

DATE	QTY	REMARKS	STATUS
2-18-05	1		Set-up



14 290 00 QUALITY ASSURANCE AREA OFE, SMD-1421 ASSY-286 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 14.

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

DEFA # 29624

DATE	QTY	REMARKS	STATUS
2-22-05	1	Set-up 29624	Set-up

* Missing Dura at 2:00
 * Missing Dura at 2:00
 * Missing Dura at 2:00
 * Missing Dura at 2:00

03/11/05 Killed shortage of DS
 D600, 84P, 03/11/05 3/11/05
 03/11/05 Installed Q599 & Q699
 correctly: 84P, 03/11/05

3/11/05

WORK CELL: 4-MIXED

CUSTOMER: 5147

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 5

ENG LAY-06-11388
MAST. OPS

WCR 102000
REL DATE 12-10-05
REL DATE 11-01-04
COST 000004800

CUST BY
PROJECT # 017300
COST# 18354

LINE DEPT WATH OPS DESCRIPTION..... H C U R S
SET-UP RUN... WIND-MACH ST LOT



15 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
TIN THRU-HOLE PARTS

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

Strip wires 0.3-1.5-0.5 WLD.
3-15-05 35
3/10/05 35



DEFECT(S) _____

DATE	QTY	REMARKS	STATUS
3/10/05	1	Tinned	1-2-2007
3/14/05		Tinned leads	2-16-99



16 210 10 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
MECH ASSY - MTPNMS/VRS

- PROCESS PER CAA STEP 16.
- RECORD ADHESIVE DATA BELOW:
GTC # 31450 EXPIRATION DATE 05/17/05
- RECORD ASSIGNED TOOLS USED AND CAL DUE DATE, BELOW:
TOOL # GTC-A-985 CAL DUE DATE 08/05

DATE	QTY	REMARKS	STATUS
03/26/05	1		Buy



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

- PROCESS PER CAA STEP 17.
- | DATE | QTY | REMARKS | STATUS |
|----------|-----|---------|--------|
| 03/28/05 | 1 | | Buy |



Special in-process QA examination of wires
MRE 4-7-05

03-22-05 1 Strip & tin leads wires for VRS



3/22/05 checked wires

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

WIP / PMS LAST-DB-00388
CALL SLAC# 095

WOP 112000
REC DATE 02-10-05
REL DATE 12-31-04
SO#
PO# 0000048800

CUST D#
CUST ID#
PROJECT# 112000
CUST# 15396

PAGE 4

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



18 010 00 CCA/BLACK BOX ASSY AREA
INSTALL/SOLDER AI, R2 0.0000 0.0000 0.0000

• PROCESS PER CAA STEP 18:

DATE	QTY	REMARKS	STATUS

*move to install + solder to
step 26
ME 4-7-05*



19 010 00 CCA/BLACK BOX ASSY AREA
INSTALL/SOLDER IC WIRES 0.0000 0.0000 0.0000

• PROCESS PER CAA STEP 19:

DATE	QTY	REMARKS	STATUS
03/29/05	1		Buy



20 290 00 QUALITY ASSURANCE AREA
CPD: SLDR-90 ASSY-41 0.0000 0.0000 0.0000

• PROCESS PER CAA STEP 20:

** RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

DR#(S)

DATE	QTY	REMARKS	STATUS
3/29/05	1		Buy



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

• PROCESS PER CAA STEP 21:

• RECORD ADHESIVE DATA BELOW:

STC # 31450 EXPIRATION DATE 05-17-05

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

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

DATE	QTY	REMARKS	STATUS
03/29/05	1		Buy

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TRNG. PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 7

WIP: LAT-15-02385
WIP: SLAST: 115

WO# 112066
REQ DATE 02-10-05
REL DATE 02-11-04
SCH DATE 02-11-04
PCB 0000046800

CUST #
QTY 1
PROJECT# P17800
COST# 15356

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



22 210 00 CCA/BLACK BOX ASSY AREA
INSTALL/SOLDER WIRES-1CS 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 21

DATE	QTY	REMARKS	STATUS
03/30/05	1		BYP



23 220 00 QUALITY ASSURANCE AREA
QTY: SLDX-15 ASSY-28 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 23

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

DR#(S)

DATE	QTY	REMARKS	STATUS
3/30/05	1		OK



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

* PROCESS PER CAA STEP 24

* RECORD ADHESIVE DATA BELOW:

STC NO# 31450 EXPIRATION DATE 05/17/05

DATE	QTY	REMARKS	STATUS
03/30/05	1		BYP



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

* PROCESS PER CAA STEP 25

DATE	QTY	REMARKS	STATUS
03/30/05	1		BYP

WORK BILL 4-MIXED

CUSTOMER: SLAC

IVAC, PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 4

W# 112000
REL DATE 02-10-05
CUST #
QTY
PROJECTS
CURS

W# 112000
REL DATE 02-10-05
REL DATE 12-01-04
SOW
PO# 0000048900

W# 112000
REL DATE 02-10-05
REL DATE 12-01-04
SOW
PO# 0000048900

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



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

R1 + R2 ME 4-7-05

PROCESS PER CAA STEP 26.

DATE	QTY	REMARKS	STATUS
03/30/05	1		<i>ByP</i>



27 200 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OPER SLDX-70 ASSY-3A

PROCESS PER CAA STEP 27.

RECORD DEFECT RECORD REPORT NUMBER(S) BELOW.

DATA(S)

DATE	QTY	REMARKS	STATUS
3/30/05	1		



28 200 00 SFEA LOT 0.0000 0.0000 0.0000
SFEA TEST

PROCESS PER CAA STEP 28

RECORD TEST DEFECT RECORD REPORT NUMBER(S) BELOW.

DATA(S)

DATE	QTY	REMARKS	STATUS
3.31.05	1	S4: GT113	<i>INC PASSED</i>



29 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
INSTALL/SOLDER IN CASE

SOLD 1/3-ROW 1 CHECK (S) 21-05 MI)
SOLD 1/3-ROW 2 CHECK (S) 21-05 MI)

PROCESS PER CAA STEP 29

DATE	QTY	REMARKS	STATUS
03/31/05	1	soldered Row 1.	<i>ByP</i>
03/31/05	1	soldered Row 2.	<i>ByP</i>
03/31/05	1	soldered Row 3.	<i>ByP</i>

3-31-05 3 21-05 MI

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

PN# 1AT-DS-02388
CA, GLANT TPS

WO# 112188
BPO DATE 02-10-05
BPT DATE 12-01-04
PO# 0000048800

CUST #
CITY
PROJECT# P17300
CUST# 18356

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



30 210 00 OCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
INSTALL/SOLDER O/P CABLE
SLDR O/P-ROW 1>CHECK 03-31-05 *W/D*
SLDR O/P-ROW 2>CHECK 03-31-05 *W/D*
SLDR O/P-ROW 3>CHECK 03-31-05 *W/D*
SLDR O/P-ROW 4>CHECK 03-31-05 *W/D*

* PROCESS PER CAA STEP 30.

DATE	QTY	REMARKS	STATUS
03/31/05	1	soldered Row 1.	<i>Syp</i>
03/31/05	1	soldered Row 2.	<i>Syp</i>
03/31/05	1	soldered Row 3.	<i>Syp</i>

03/31/05 soldered Row 4. *Syp*



31 200 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OPE: SLDR-99 ASSY-107

* PROCESS PER CAA STEP 31.

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

DATA(S):

DATE	QTY	REMARKS	STATUS
4/01/05	1		



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

* PROCESS PER CAA STEP 32.

DATE	QTY	REMARKS	STATUS
04/01/05	1	washed	<i>Syp</i>

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER: TRAVELLER - NEW

PAGE 13

PN# LAT 08-02388
LAW, GLAST, TFS

NO# 110264
MFG DATE 03-10-08
MFG DATE 12-01-04
PC# 000048800

CUST #
CUST1 19316
PROJECT# P11210
CUST# 19316

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



31 480 00 COATING/POTTING AREA
RTV WITH CABLE
DOE-1114 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 31.
RTV DOE-1104: ETC PO# 31695 EXPIRATION DATE 8-21-05
SEE ADHESIVE T151 APPLICATION FOR CURE DATA.

DATE	QTY	REMARKS	STATUS
4-1-05	1		PQ.1946



31 210 00 COA/BLACK BOX ASSY AREA
STAKE WITH RTV - VHS
DOE-1114 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP ~~31~~ 34 ME 3-14-05

ME 3-14-05
RTV DOE-1104 PO# 31695 Exp Date: 8-21-05
ME 3-14-05

DATE	QTY	REMARKS	STATUS
4-4-05	1		PQ.1946



35 210 00 COA/BLACK BOX ASSY AREA
POTTING/STAKING ICS
ME 3-14-05 0.0000 0.0000 0.0000

* PROCESS CAA PER CAA STEP ~~31~~ 32 ME 3-14-05
RTV DOE-1104 PO# 31695 ME 3-14-05

DATE	QTY	REMARKS	STATUS
4-4-05	1		PQ.1946

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PROMOTION

WORK ORDER TRAVELLER NEW

PAGE 11

/PN# LAC-DS 02888
WOM. CLASS. 198

WOM# 112000
REQ DATE 02-10-05
REL DATE 12-31-04
SUF
POS 0000048800

CUST ID#
CITY
PROJECT# 911300
CUST# 10300

LINE# DEPT MACH# QP# DESCRIPTION SETUP RUN HOURS LINE-MATH ST-LOT



20 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
STAKE HARDWARE - NUTS,
WASHERS, STUDS, SCREWS

* PROCESS PER CAA STEP 36

ADHESIVE (151) GTC PC# 31403 EXPIRATION DATE 1-31-07

CURE DATE 4-4-05 START 10:40 STOP _____

DATE... QTY... REMARKS..... STATUS
4-4-05 1 _____ P.O. 1946



20 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
INSTALL/STAKE SUPPORTS

* PROCESS PER CAA STEP 37

ADHESIVE (151) GTC PC# 31403 EXPIRATION DATE 1-31-07

CURE DATE 4-4-05 START 10:40 STOP _____

DATE... QTY... REMARKS..... STATUS
4-4-05 1 _____ P.O. 1946



20 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
STAKE COMPONENTS - Q550,
Q550, P2-P3

* PROCESS PER CAA STEP 38

ADHESIVE (151) GTC PC# 31403 EXPIRATION DATE 1-31-07

CURE DATE 4-4-05 START 10:40 STOP _____

DATE... QTY... REMARKS..... STATUS
4-4-05 1 _____ P.O. 1946

WORK CELL- 1 MIXED

CUSTOMER: SLAC

TYPE PRODUCTION

WORK UNDER TRAVELLER - NEW

WORK CENTER: SAC-09-00318
PLAN: SLAC-1195

WIP NO: 112066
WIP NO: DATE 03-10-05
WIP NO: DATE 12-01-04
WIP NO: 1000048800

COST PA
COST PA
COST PA
COST PA
COST PA
COST PA

PAGE 10

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



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

* PROCESS PER CAA STEP 39.

ADHESIVE 1161, GIC FOR 31403 EXPIRATION DATE 1-31-07

CYCLE DATE 4-4-05 START 10:40 STOP

DATE	QTY	REMARKS	STATUS
4-4-05	1		P.O. 1946



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

* PROCESS PER CAA STEP 40.

ADHESIVE 1161, GIC FOR 31403 EXPIRATION DATE 1-31-07

CYCLE DATE 4-4-05 START 10:40 STOP

DATE	QTY	REMARKS	STATUS
4-4-05	1		P.O. 1946

DATE	QTY	REMARKS	STATUS
4-28-05	1	staked R22, R1 & R2	P.O. 1946
4-28-05	1	baked R22, R1 & R2 100-300	P.O. 1946

P.O. # 31403 exp date 1/31

QAB 4-28-05



41 240 00 QUALITY ASSURANCE AREA
CPE: SLAC-0 ASSY-17 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 41.

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

DATA(S)

DATE	QTY	REMARKS	STATUS
4-4-05	1	1200 D605 J0005	

05/05/05 filled shortage of
DSOS & D605. (PTC 1200) BYP 05/05/05

Inspection of DSOS, D605 5/5/05

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 13

/FNF LAT-DS-00358
CLA. GLAT. 015

W# 012000
ASO DATE 02-10-05
REL. DATE 12-01-04
SOF
POS 0000046800

CUST Pa
QTY 1
PROCE# 917100
CUST# 15554

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



43 281 00 SOURCE INSPECTION
SLAC CAR INSPECTION - MIP 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 43
SOM MANDATORY INSPECTION POINT - MIP

DATE	QTY	REMARKS	STATUS
5/4/05	1	GLAT 1783	LAT TO QA



43 289 00 PACKAGING/SHIPPING INSP
PACKAGE & SHIP CCA FOR
TEST & CUSTOMER. 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 43.

DATE	QTY	REMARKS	STATUS
5/19/05	1		SL-1587



43 290 00 QUALITY ASSURANCE AREA
RECEIVING INSPECTION 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 44

** RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

DRW#(S):

DATE	QTY	REMARKS	STATUS
6/4/05	1		



45 281 00 SOURCE INSPECTION
SLAC CAR PAD-0000-ANSP
MANDATORY INSPECTION
POINT (BEST POINT) 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 45

DATE	QTY	REMARKS	STATUS
6-8-05	1	GLAT 1783	LAT TO QA

WORK TITLE: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 10

ENR LAB-06-02999
START: 2FA

NO: 112146
DATE: 02-10-02
DATE: 02-21-04
JOB: 0700048800

CUST ID
PROJECT# 0717300
COST# 19326

LINE DEPT MACH# QTY DESCRIPTION HOURS
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/NO.

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

DATE	QTY	REMARKS	STATUS
6-8-05	1		LN 1742
6/8/05	1	Cleanliness	SPG



47 210 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
CCT. SLIP-3 ASSY-7

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

DEF#(S):

DATE	QTY	REMARKS	STATUS
6/8/05	1		



48 050 00 COATING/POTTING AREA 0.0000 0.0000 0.0000
BAKE-OUT AND MASK

- * PROCESS CAA PER CAA STEP 48.

RECORD BAKE DATE-TIME START/STOP BELOW

BAKE DATE: 6-8-05 START: 3:30pm STOP: 4:30pm

DATE	QTY	REMARKS	STATUS
6-8-05	1	Bake + Mask	A

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 15

/ENR LAT-DS-02388
LAW, SLAC, TFR

WO# 112066
REQ. DATE 02-10-05
REQ. DATE 12-01-04
WOB
PO# 0000046900

CUST #
CITY 1
PROJECT# 117300
CUST# 14954

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



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

* PROCESS CAA PER CAA STEP 49.

CONFORMAL COATING PO# 31201 EXPIRATION DATE 6/30/05
AIR CURE DATE 6-8-05 START 6:30 PM STOP 7:30

DATE... QTY... REMARKS... STATUS
6/8/05 1 Back in COAT H/W



50 250 00 COATING/POTTING AREA 0.0000 0.0000 0.0000
OVEN CURE/1000CRUF

* PROCESS CAA PER CAA STEP 50.

OVEN CURE DATE 6-8-05 START 6:30 STOP 7:30
OVEN CURE DATE 6-8-05 START 8:30 STOP 9:30

DATE... QTY... REMARKS... STATUS
6-8-05 1 R



51 200 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
APP SLDR-0 ASSY-7

* PROCESS CAA PER CAA STEP 51.

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

- ...COPIES OF CERTIFICATIONS
- ...SPEA TEST REPORTS...
- ...INSPECTION REPORTS...
- ...NON-CONFORMANCE REPORTS...
- ...ENV. TEST DATA PACKAGE FORMS...
- ...DIGITAL PHOTOGRAPHS, RECORDED ONTO CD...

DATE... QTY... REMARKS... STATUS
6/9/05 1

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 16

W/O# LAT-DS-02386
J.A. SLAC, TPE

W/O# 112086
REQ DATE 02-10-08
SHIP DATE 12-21-08
COST# 0000048800

CUST #
CUSTY 15386
PROJECT# P-7200
CUSTY 15386

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



12 280 00 SOURCE INSPECTION 0.0000 0.0000 0.0000

* PROCESS QAA PER IAA STEP 50.

NOTE: NEXT ASSEMBLY IS LAT-DS-01462

DATE	QTY	REMARKS	STATUS
6-9-05	1	GLAT 1783	

STATUS
LAT
10
QA

-----SERIAL NUMBER-----

-----APPROVAL-----

PROD: _____/_____

QA: _____/_____

*****WORKMANSHIP*****
IPC FIA-J-STD-001C CLASS 3, WITH 'CG' SPACE SUPPLEMENT
SLAC QAA MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE
OF ANY STEP OF THE TRAVELLER/WORK ORDER. SLAC QAA MAY
INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP.
END OF PAGE

WORK ORDER : 112066

(NEW)

WORK ORDER PICK LIST

PAGE: 1

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

BY LINE ITEM

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

DATE PULLED: _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL		
			REQUIRED QUANTITY	CURS STATUS				LOT	LOT DATE	BIN
1	LAT-DS-02389 PWR. CLAS. TSS ORIGINAL QUANTITY...	EA	1.00			SK2 FN-D1		0.00		
			1.00				PULLED:			
				RSVD	1.00	120305	SKCF2	120305	15.00	09-11-07
							PULLED:			
2	LAT-DS-02830-01 ASSY. CABLE. TSS I/P PWR ORIGINAL QUANTITY...	EA	1.00	BO	1.00	SK2 FN-D2	17 J2	0.00		
			1.00				PULLED:			
						SKCF2		0.00		
							PULLED:			
3	LAT-DS-02465 HEAT SINK. TSS ORIGINAL QUANTITY...	EA	4.00			SK2 FN-D3		0.00		
			4.00				PULLED:			
				RSVD	4.00	115014	SKCF2	115014	46.00	6-23-07
							PULLED:			
4	LAT-DS-02831-01 ASSY. CABLE. TSS O/P PWR ORIGINAL QUANTITY...	EA	1.00	BO	1.00	SK2 FN-D4	18 J1	0.00		
			1.00				PULLED:			
						SKCF2		0.00		
							PULLED:			
	LAT-DS-01598 SUPPORT. CABLE HARNESS ORIGINAL QUANTITY...	EA	2.00			SK2 FN-D21		0.00		
			2.00				PULLED:			
				RSVD	2.00	115020	SKCF2	115020	14.00	09-27-04
							PULLED:			717300
							PULLED:			23.00 09-11-07 IN ASSY
							PULLED:			
6	LAT-DS-05595 LABEL. SN ORIGINAL QUANTITY...	EA	1.00	BO	1.00	SK2 FN-D22		0.00		
			1.00				PULLED:			
						SKCF2		0.00		
							PULLED:			
7	NAS1148ON452R WASHER ORIGINAL QUANTITY...	EA	4.00			SK2 FN-D6	59293	4.00	07-31-01	A4F
			4.00				PULLED:			
				RSVD	4.00	115016	SKCF2	115016	36.00	09-27-04 LOT 115
							PULLED:			
8	NAS27106 NUT. 26. SM. PAT ORIGINAL QUANTITY...	EA	19.00	RSVD	19.00	SK2 FN-6	122955	945.00	02-02-05	
			19.00				PULLED:			

19

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

BY LINE ITEM

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

DATE PULLED: _____

PULLED BY: _____

LINE #	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS STAT QUANTITY	RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL		
									LOT QUANTITY	LOT DATE	SIN
8	NAS67106 NUT, 1/8" EM, PAT Cont from prior page.	EA	19.00				FN-6	117403 PULLED:	57.00	11-04-04	D2H
							FN-6	122980 PULLED:	515.00	02-02-05	
							FN-6	122986 PULLED:	500.00	02-03-05	
							FN-6	122987 PULLED:	500.00	02-02-05	
							SKCF2	44571 PULLED:	18.00	08-19-00	CF1D
								116770 PULLED:	423.00	10-28-04	
9	NAS1352N06-6 SCREW ORIGINAL QUANTITY...	EA	7.00				SK2 FN-D7		0.00		
			7.00				SKCF2	115011 PULLED:	121.00	09-27-04	
				RSVD	7.00	115011					
10	NAS1352N04-6 SCREW ORIGINAL QUANTITY...	EA	4.00				SK2 FN-D8		0.00		
			4.00				SKCF2	114812 PULLED:	524.00	09-23-04	LOT 115
				RSVD	4.00	114832		115012 PULLED:	712.00	09-27-04	IN ASSY
11	NAS1149CN632R WASHER ORIGINAL QUANTITY...	EA	19.00				SK2 FN-D9		0.00		
			19.00				SKCF2	115010 PULLED:	327.00	09-27-04	
				RSVD	19.00	115010					
12	NAS67104 NUT, HEX, SS, PASS, 1 1/4 THRD ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	122091	SK2 FN-D10	122091 PULLED:	133.00	01-20-05	NW7
			4.00				FN-D10	122142 PULLED:	44.00	01-20-05	
							FN-D10	122180 PULLED:	280.00	01-21-05	
							FN-D10	123196 PULLED:	2000.00	02-04-05	
							FN-D10	123386 PULLED:	320.00	02-07-05	

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

BY LINE ITEM

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

DATE PULLED: _____

PULLED BY: _____

LINE #	PART NUMBER AND DESCRIPTION	REQD QTY	CURR STATUS	REQUIREMENTS	RESV IN	INVLOC	LOT NUMBER	INVENTORY DETAIL				
								QUANTITY	LOT DATE	BIN	QUANTITY	LOT LIFE
12	NASS9104 KIT, HEX, SS, PASS, 4-40TRD Cont from prior page.	EA	4.00				123357 FN-D10 PULLED:	610.00	02-07-05			
							123512 FN-D10 PULLED:	80.00	02-07-05			
							123521 FN-D10 PULLED:	155.00	02-07-05			
							123532 FN-D10 PULLED:	160.00	02-07-05			
							123691 FN-D10 PULLED:	700.00	02-07-05			
							SKCP2 115009 PULLED:	11.00	09-27-04	LOT 115		
13	CV-2946 KIT, W/SH, TECH ORIGINAL QUANTITY...	OZ	1.00	BO	1.00		SK2 FN-D11 PULLED:	2.00				
							SKCP2 PULLED:	0.00				
14	0151 ADHESIVE, MYSOL, 40Z KIT ORIGINAL QUANTITY...	OZ	1.00	BO	1.00		SK2 FN-D12 PULLED:	0.00				
							SKCP2 PULLED:	0.00				
15	SCM, 076 EYE, CABLE, LOCKING, FANBUIT ORIGINAL QUANTITY...	EA	5.00	BO	5.00		SK2 FN-D15 PULLED:	0.00				
							SKCP2 PULLED:	0.00				
16	5750 CONFORMAL COATING, URELANE ORIGINAL QUANTITY...	OZ	1.00	BO	1.00		SK2 FN-D17 PULLED:	0.00				
							SKCP2 PULLED:	0.00				
17	DCB-1004 ADHESIVE ORIGINAL QUANTITY...	OZ	1.00	BO	1.00		SK2 FN-D18 PULLED:	0.00				
							SKCP2 PULLED:	0.00				
18	M22759/11-24-5 WIRE, 24AWG, WHITE ORIGINAL QUANTITY...	IN	1.00	RSVD	1.00	46190	SK2 46190 FN-D19 FOR TERMINATING VRS PULLED:	1250.00	09-14-00	SK2 54		

115299

WORK ORDER : 111056

(NEW)

WORK ORDER PICK LIST

PAGE: 4

ASSEMBLY # : LAT-DS-021111
QUANTITY : 1
LOCATION : W02

BY LINE ITEM

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

DATE FILLED: _____

FILLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UN	REQUIRED QUANTITY	CURR STATUS	RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL	
								LOT QUANTITY	LOT DATE
	WIRE, 24AWG, WHITE Cont from prior page	IN				SKCF2	115299	17716.00	10-01-04 LOT1152
							FILLED:		
19	LAT-DS-04101 HEATSINK ORIGINAL QUANTITY...	EA	2.00			SK2 FN-D20		0.00	
			2.00	RSVD	2.00 120304	SKCF2	120304	34.00	09-11-07
							FILLED:		
20	ARP461 IC FILTER ORIGINAL QUANTITY...	EA	1.00			SK2 FN-34 VRS		0.00	
			1.00	RSVD	1.00 114959	SKCF2	114959	17.00	09-27-04
							FILLED:		
21	MAX7248CK IC ORIGINAL QUANTITY...	EA	7.00			SK2 FN-26 U6 U7 U8 U10 U15 U17 U18		0.00	
			7.00	RSVD	7.00 114961	SKCF2	114961	149.00	09-27-04
							FILLED:		
22	5543R966150LVXC ORIGINAL QUANTITY...	EA	5.00			SK2 FN-35 U20 U559 U560 U659 U660		0.00	
			5.00	RSVD	5.00 120301	SKCF2	120301	25.00	10-16-04 DRY-10
							FILLED:		
23	59R1040GTGV DIODE ORIGINAL QUANTITY...	EA	7.00			SK2 FN-19 D1 D2 D3 D4 D5 D19 D20		0.00	
			7.00	RSVD	7.00 114948	SKCF2	114948	210.00	09-27-04
							FILLED:		
24	JANTXV1N4153UR-1 DIODE ORIGINAL QUANTITY...	EA	8.00			SK2 FN-20 D502 D503 D509 D599 D602 D603 D609 D699		0.00	
			8.00	RSVD	8.00 114949	SKCF2	114949	324.00	09-27-04
							FILLED:		
25	JANTXV1N5806US DIODE 1N5806US ORIGINAL QUANTITY...	EA	8.00			SK2 FN-11 D601 D604 D107 D699 D601 D604 D607 D608		0.00	
			8.00	RSVD	8.00 114950	SKCF2	114950	26.00	09-27-04
							FILLED:		
26	JANTXV1N4687US DIODE ORIGINAL QUANTITY...	EA	6.00			SK2 FN-03 CR1 CR3 CR4 CR5 CR6 CR9		0.00	
			6.00				FILLED:		



WORK ORDER : 112066

(NEW)

WORK ORDER PICK LIST

PAGE: 2

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

BY LINE ITEM

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

DATE FILLED: _____

FILLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RESV IN LOT #	INVLOC	LOC NUMBER	INVENTORY DETAIL				
			REQUIRED QUANTITY	CUAR STATUS				STAT QUANTITY	LOT	LOT DATE	BIN	QUANTITY
26	DIODE Dont from prior page.	EA	RSVD	6.00	114952	SKCF2	114952	178.00	09-27-04			
27	JANTXV1N4106UB-1 DIODE ORIGINAL QUANTITY...	EA	RSVD	4.00	114953	SKCF2	114953	61.00	09-27-04			
28	JANTXV1N4494US DIODE ORIGINAL QUANTITY...	EA	RSVD	1.00	114955	SKCF2	114955	14.00	09-27-04			
29	JANTXV1N6485US DIODE ORIGINAL QUANTITY...	EA	RSVD	1.00	114951	SKCF2	114951	11.00	09-27-04			
30	JANTXV1N1439 TRANSISTOR ORIGINAL QUANTITY...	EA	RSVD	4.00	115006	SKCF2	115006	4.00	09-27-04			
31	5962R9582602VXC IC ORIGINAL QUANTITY...	EA	RSVD	6.00	120302	SKCF2	120302	104.00	12-16-04	DRY-10		
32	CR332BK103BKUS CAP 1.03UF 100V 10% ORIGINAL QUANTITY...	EA	RSVD	22.00	114937	SKCF2	114937	605.00	09-27-04			
33	UW402HC106KCB CAPACITOR ORIGINAL QUANTITY...	EA	RSVD	4.00	114939	SKCF2	114939	306.00	09-27-04			
34	M19C08/22-0567K CAPACITOR ORIGINAL QUANTITY...	EA	RSVD	30.00		SKCF2						



EMBL # : 1AT-DS-02188
QUANTITY : 1
LOCATION : 802

BY LINE ITEM

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

DATE FULLED _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	EA	REQUIREMENTS		LOT #	INVLOC	NUMBER	INVENTORY DETAIL			
			REQUIRED QTY	CURR STATUS				STAT QUANTITY	RESV IN	LOT	LOT DATE
12	CAPACITOR Cont from prior page.	EA	12.00	RSVD	30.00	114941	SKCF2	114941	30.00	09-27-04	
15	1210B563K251YHWK CAPACITOR	EA	12.00	RSVD	12.00	114902	SKCF2	114902	12.00	09-23-04	
16	FXE065 FUSE	EA	2.00	RSVD	2.00	114957	SKCF2	114957	45.00	09-27-04	
17	5962L8771002VXA IC	EA	2.00	RSVD	2.00	114962	SKCF2	114962	2.00	09-27-04	
18	32786-11 INDUCTOR	EA	12.00	RSVD	12.00	114964	SKCF2	114964	12.00	09-27-04	
19	32763-31 INDUCTOR	EA	2.00	RSVD	2.00	114965	SKCF2	114965	12.00	09-27-04	
10	IRNNJ597034 TRANSISTOR	EA	3.00	RSVD	3.00	114966	SKCF2	114966	37.00	09-27-04	
41	HC7060PWC00 THICK FILM CAP	EA	15.00	RSVD	15.00	114917	SKCF2	114917	1518.00	09-23-04	

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

BY LINE ITEM

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

DATE PULLED: _____

PULLED BY: _____

LT#	PART NUMBER AND DESCRIPTION	REQD QTY	CURR STATUS	REQUIREMENTS		RESV IN LOT #	INVLOC NUMBER	LOT NUMBER	INVENTORY DETAIL				
				REQD QTY	STOCK QTY				LOT QUANTITY	LOT DATE	BIN	QUANTITY	
42	M55342K09B1F00R RESISTOR ORIGINAL QUANTITY...	EA 2.00						SK2 FN-44 R580 R580 PULLED:	0.00				
		2.00	RSVD	2.00	114828		SKCF2 114828 PULLED: 114829 PULLED:	45.00 09-23-04 27.00 09-27-04					
43	M55342K06B1E21R RESISTOR ORIGINAL QUANTITY...	EA 3.00						SK2 FN-46 R5 R8 R21 PULLED:	0.00				
		3.00	RSVD	3.00	114871		SKCF2 114871 PULLED:	148.00 09-27-04					
44	M55342K06B1E37R RESISTOR ORIGINAL QUANTITY...	EA 4.00						SK2 FN-47 R25 R28 R51 R52 PULLED:	0.00				
		4.00	RSVD	4.00	114872		SKCF2 114872 PULLED:	191.00 09-27-04					
45	M55342K06B1E20R RESISTOR,CHIP,100W,1K OHM ORIGINAL QUANTITY...	EA 6.00	RSVD	6.00	9155			SK2 91033 FN-43 R17 R41 R48 R83 R552 R552 PULLED: SKCF2 114818 PULLED: 114816 PULLED:	156.00 09-23-03 S63 1215.00 09-23-04 178.00 09-27-04				
46	M55342K06B1F01R RESISTOR,CHIP,100W,1K OHM ORIGINAL QUANTITY...	EA 6.00						SK2 FN-42 R506 R515 R556 R606 R615 R656 PULLED:	0.00				
		6.00	RSVD	6.00	114819		SKCF2 114819 PULLED: 114877 PULLED:	538.00 09-23-04 21.00 09-27-04					
47	M55342K06B2E00R RES,CHIP,2.00K,14,72W ORIGINAL QUANTITY...	EA 1.00						SK2 FN-50 R230 PULLED:	0.00				
		1.00	RSVD	1.00	115091		SKCF2 115091 PULLED:	137.00 09-29-04					
48	M55342K06B2E74R RESISTOR "R" ORIGINAL QUANTITY...	EA 3.00						SK2 FN-52 R71 R76 R77 PULLED:	0.00				
		3.00	RSVD	3.00	114880		SKCF2 114880 PULLED:	75.00 09-27-04					

ASSEMBLY # : LAT-03-02380
QUANTITY : 1
LOCATION : WC2

BY LINE ITEM

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

DATE FULLED:

FULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UOM	REQUIREMENTS		CURR STATUS	RESV IN LOT #	INVLOC NUMBER	INVENTORY DETAIL			
			REQUIRED QUANTITY	STAT QUANTITY				LOT QUANTITY	LOT DATE	SINLOC	SIN QUANTITY
49	M55342K06R4E75R RESISTOR ORIGINAL QUANTITY...	EA	2.00				SK2 FN-53 R509 R609 PULLED:	0.00			S103
				RSVD	2.00	90226	SKCF2 91324 PULLED:	67.00	09-24-03	CF2C	
							114981 PULLED:	485.00	09-27-04		
50	M55342K06B5E62R RESISTOR ORIGINAL QUANTITY...	EA	1.00		RSVD	1.00	119010	SK2 FN-56 R14 PULLED:	25.00	11-30-04	975
			1.00				SKCF2 114994 PULLED:	144.00	09-27-04		
51	M55342K06B8E25R RESISTOR ORIGINAL QUANTITY...	EA	2.00		RSVD	2.00	84080	SK2 FN-57 R9 R20 PULLED:	12.00	04-15-03	SSE
			2.00				SKCF2 114985 PULLED:	89.00	09-27-04		
52	M55342K06P10E0R RESISTOR,CHIP,100K,10K,0 ORIGINAL QUANTITY...	EA	21.00				SK2 FN-59 R25 R86 R97 R202 R516 R822 R950 R951 R224 R226 R200 R205 R276 R298 R299 R299 PULLED:	0.00			
				RSVD	12.00	114930	SKCF2 114930 PULLED:	117.00	09-23-04	CF2C	
				RSVD	9.00	114937	114987 PULLED:	657.00	09-27-04		
							91324 PULLED:	58.00	09-24-03		
53	CDR04BX104ANUS CAP, 10UF,50V ORIGINAL QUANTITY...	EA	52.00				SK2 FN-30 C100 PULLED:	0.00			
				RSVD	52.00	114935	SKCF2 114935 PULLED:	75.00	09-27-04		
54	CDR18X102BKUS CAPACITOR ORIGINAL QUANTITY...	EA	2.00				SK2 FN-3 C530 C630 PULLED:	0.00			
			2.00				SKCF2 114936 PULLED:	974.00	09-27-04		
55	CDR18P102BKUS CAPACITOR ORIGINAL QUANTITY...	EA	14.00				SK2 FN-3 C100 PULLED:	0.00			
			14.00				SKCF2 114938 PULLED:	540.00	09-27-04		

MBLY # : LAT-DS-02585
PLANT : 1
LOCATION: W02

BY LINE ITEM

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

DATE PULLED: _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS			INVLOC NUMBER	INVENTORY DETAIL					
			REQUIRED QUANTITY	CURR STATUS	RESV IN LOT #		LOT QUANTITY	LOT DATE	BIN	QUANTITY		
56	CDR335X2238KUS CAPACITOR ORIGINAL QUANTITY...	EA	4.00			SK2 FN-7 C603 C651 C603 C651 PULLED:	0.00					
			RSVD	4.00	114940	SKCF2 114940 PULLED:	2.00	09-27-04				
57	CDR335X473AKUS CAPACITOR ORIGINAL QUANTITY...	EA	7.00			SK2 FN-9 C6 C7 C33 C36 C63 C74 C77 PULLED:	0.00					
			RSVD	7.00	114799	SKCF2 114799 PULLED:	125.00	09-23-04				
						114942 PULLED:	331.00	09-27-04				
58	CDR335P170BKUS CAPACITOR ORIGINAL QUANTITY...	EA	4.00			SK2 FN-10 C102 C512 C551 C661 PULLED:	0.00					
			RSVD	4.00	115090	SKCF2 115090 PULLED:	951.00	09-25-04				
59	CWR000FC474KDB CAPACITOR ORIGINAL QUANTITY...	EA	89.00			SK2 FN-11 C11 C12 C13 C14 C15 C16 C17 C18 C19 C20 C21 C22 C23 C24 C25 C26 C27 C28 C29 C30 C31 C32 C33 C34 C35 C36 C37 C38 C39 C40 C41 C42 C43 C44 C45 C46 C47 C48 C49 C50 C51 C52 C53 C54 C55 C56 C57 C58 C59 C60 C61 C62 C63 C64 C65 C66 C67 C68 C69 C70 C71 C72 C73 C74 C75 C76 C77 C78 C79 C80 C81 C82 C83 C84 C85 C86 C87 C88 C89 C90 C91 C92 C93 C94 C95 C96 C97 C98 C99 C100 PULLED:	0.00					
			RSVD	89.00	114943	SKCF2 114943 PULLED:	178.00	09-27-04				
60	CDR335P101BKUS CAPACITOR ORIGINAL QUANTITY...	EA	4.00			SK2 FN-12 C601 C507 C607 C612 PULLED:	0.00					
			RSVD	4.00	114944	SKCF2 114944 PULLED:	510.00	09-27-04				
61	CDR335N1489US DIODE ORIGINAL QUANTITY...	EA	1.00			SK2 FN-25 D500 PULLED:	0.00					
			DO	1.00		SKCF2 PULLED:	87.00					
62	SKEL10 FUSE POLYSWITCH ORIGINAL QUANTITY...	EA	2.00			SK2 FN-33 F4 F5 PULLED:	0.00					
			RSVD	2.00	114958	SKCF2 114958 PULLED:	76.00	09-27-04				
63	RWR000R200FR RESISTOR ORIGINAL QUANTITY...	EA	1.00			SK2 FN-43 R22 PULLED:	0.00					



WORKING # : LAT-DS-02188
QUANTITY :
LOCATION: W02

BY LINE ITEM

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

DATE PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS	RESV IN LOT #	INVLOC NUMBER	LOT NUMBER	INVENTORY DETAIL		
									LOT QUANTITY	LOT DATE	BIN
	R2278708 Cont from prior page.	EA		RSVD	1.00	114968	SKCF2	114968	51.00	09-22-04	
54	M55142K06B1B21R RESISTOR ORIGINAL QUANTITY...	EA	4.00				SK2	FN-43 R30 R32 R38 R61	0.00		
				RSVD	4.00	114970	SKCF2	114970	232.00	09-27-04	
55	M55142K06B2B21R RESISTOR ORIGINAL QUANTITY...	EA	6.00				SK2	FN-51 R37 R40 R64 R65 R66 R67	0.00		
				RSVD	6.00	114979	SKCF2	114979	442.00	09-27-04	
56	M55142K06B10F0R RESISTOR ORIGINAL QUANTITY...	EA	4.00				SK2	FN-60 R543 R544 R643 R644	0.00		
				RSVD	4.00	114820	SKCF2	114820	81.00	09-23-04	
								114988	212.00	09-27-04	
57	M55142K06B13E0R RESISTOR ORIGINAL QUANTITY...	EA	3.00				SK2	FN-61 R18 R18 R46	0.00		
				RSVD	3.00	114989	SKCF2	114989	122.00	09-27-04	
66	M55142K06B15E0R RESISTOR, CHIP, 100K, 15W 0 ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	4305	SK2	4305	140.00	09-26-98	SSB
							SKCF2	114990	83.00	09-27-04	
69	M55142K06B19E1R RESISTOR ORIGINAL QUANTITY...	EA	2.00				SK2	FN-63 R331 R357	0.00		
				RSVD	2.00	114991	SKCF2	114991	132.00	09-27-04	
70	M55142K06B20E1R RESISTOR, 21KOHMS ORIGINAL QUANTITY...	EA	8.00	RSVD	8.00	17109	SK2	17109	300.00	09-23-99	SSB
							SKCF2	114992	1000.00	09-26-05	

114992
SKCF2

ASSEMBLY # : 1AT-DS-02368
QUANTITY : 1
LOCATION : W02

BY LINE ITEM

EFFECTIVITY DATE: 02-13-06
RELEASE DATE : 02-11-04
DATE PRINTED : 02-11-06

DATE PULLED: _____

PULLED BY: _____

LINE #	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RESV IN LOT #	INVOIC NUMBER	INVENTORY DETAIL			
			REQUIRED QUANTITY	CURR STATUS			LOT QUANTITY	LOT DATE	BINLOC	BIN QUANTITY
	RESISTOR, 20Kohms Cont from prior page.	EA				SKCF2 114992	218.00	09-27-04		
						PULLED:				
71	M55342K09502D1R RESISTOR ORIGINAL QUANTITY...	EA	1.00			SK2 FN-65 R511 PULLED:	0.00			
				RSVD 1.00	114993	SKCF2 114993	137.00	09-27-04		
						PULLED:				
72	M55342K09502F1R RESISTOR ORIGINAL QUANTITY...	EA	5.00	RSVD	5.00	SK2 50590 FN-66 R34 R45 R512 R566 R612 PULLED:	39.00	12-18-00	550	
			5.00			SKCF2 114994	272.80	09-27-04		
						PULLED:				
73	M55342K06833E2R RESISTOR ORIGINAL QUANTITY...	EA	1.00			SK2 FN-67 R666 PULLED:	0.00			
			1.00	RSVD 1.00	114995	SKCF2 114995	134.00	09-27-04		
						PULLED:				
74	M55342K06849F5R RESISTOR, 49.5Kohms ORIGINAL QUANTITY...	EA	6.00	RSVD	6.00	SK2 82542 FN-68 R27 R42 R598 R599 R699 R999 PULLED:	323.00	03-31-03	51E	
			6.00			SKCF2 114996	269.00	09-27-04		
						PULLED:				
75	M55342K06861E3R RESISTOR ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	SK2 84244 FN-69 R667 PULLED:	17.00	04-18-03	57H	
			1.00			SKCF2 114997	144.00	09-27-04		
						PULLED:				
76	M55342K0681000R RESISTOR, CHIP, 100W, 100 OH ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	SK2 104427 FN-70 R501 R530 R601 R630 PULLED:	250.00	04-27-01	57H	
			4.00			SKCF2 114822	3428.00	09-27-04		
						114998	6.00	09-27-04		
						PULLED:				
77	M55342K0681000R RESISTOR, CHIP, 100W, 100 OH ORIGINAL QUANTITY...	EA	13.00			SK2 FN-71 R5 R7 R100 R101 R202 R203 R204 R205 R107 R513 R597 R513 R697 PULLED:	0.00		593	



ASSEMBLY # : 1AT-DS-02388
QUANTITY : 1
LOCATION : R02

BY LINE ITEM

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

DATE PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	EA	REQUIRED QUANTITY	CURR STATUS	REQ IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL			
								LOT QUANTITY	LOT DATE	LOT LIFE	BIN/LOC QUANTITY
76	RESISTOR,CHIP,100K,100K Cont from prior page.	EA	13.00	RSVD	114823	SKCF2	114823	1316.00	09-23-04	990	
							PULLED:				
							114999	160.00	09-27-04		
							PULLED:				
							96596	40.00	01-08-04		
							PULLED:				
78	M55342K08901DR RESISTOR ORIGINAL QUANTITY...	EA	1.00	RSVD	50769	SK2 FN-72	50769 REQ	29.00	12-20-00	890	
							PULLED:				
							SKCF2 91325	84.00	03-24-03	8200	
							PULLED:				
							115000	67.00	09-27-04		
							PULLED:				
79	M55342K078402K RES 102K, 1/4W, 1% ORIGINAL QUANTITY...	EA	1.00	RSVD	84272	SK2 FN-73	84272 REQ	20.00	04-15-03	820	
							PULLED:				
							2714	10.00	09-26-98		
							PULLED:				
							SKCF2 115001	93.00	09-27-04		
							PULLED:				
	M55342K079511R RESISTOR ORIGINAL QUANTITY...	EA	10.00			SK2 FN-74	R531 R553 R554 R555 R633 R634 R635	0.00			
							PULLED:				
				RSVD	115002	SKCF2	115002	20.00	09-27-04		
							PULLED:				
81	M55342K068549DR RESISTOR ORIGINAL QUANTITY...	EA	2.00			SK2 FN-75	R122 R142	0.00			
							PULLED:				
				RSVD	115003	SKCF2	115003	480.00	09-27-04		
							PULLED:				
92	3311P18-0957R6 THERMISTOR, 30K ORIGINAL QUANTITY...	EA	2.00			SK2 FN-79	R1 R2	0.00			
							PULLED:				
				RSVD	115004	SKCF2	115004	40.00	09-27-04		
							PULLED:				
83	2ANTWVNI2122AMB TRANSISTOR NPN ORIGINAL QUANTITY...	EA	21.00			SK2 FN-50	C1 C2 C3 C4 C5 C20 C21 C22 C24 C26 C27 C30 C32 C33 C35 C36 C38 C40 C42 C43 C45 C48	0.00			
							PULLED:				
				RSVD	120303	SKCF2	120303	405.00	09-16-04		
							PULLED:				

WORK ORDER : 112066

(NEW)

WORK ORDER PICK LIST

PAGE: 13

ASSEMBLY # : LAT-03-01366
QUANTITY : 1
LOCATION: W02

BY LINE ITEM

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

DATE PULLED: _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS			INVL	LOC	INVENTORY DETAIL					
			REQUIRED QUANTITY	CURR STATUS	ASSY IN LOT #			LOT	QUANTITY	LOT DATE	BIN	QUANTITY	
84	JANTXV2N1907AUB TRANSISTOR ORIGINAL QUANTITY...	EA	2.00			SK2 FN-82 0599 0699 PULLED:		0.00					
				RSVD	2.00 115007	SKCF2 115007 PULLED:				09-27-04			
85	M55342K05B4E99R RESISTOR ORIGINAL QUANTITY...	EA	2.00			SK2 FN-54 R519 R619 PULLED:		0.00					
				RSVD	2.00 114982	SKCF2 114982 PULLED:				09-27-04			
86	M55342K05B6E11R RESISTOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00 60570	SK2 60570 FN-55 R508 R608 PULLED:		44.00	09-07-01	997			
						SK2 83259 FN-55 R508 R608 PULLED:		9.00	03-19-01				
						SKCF2 114829 PULLED:		204.00	09-23-04				
						114981 PULLED:		232.00	05-27-04				
87	M55342K05B10D0R RESISTOR ORIGINAL QUANTITY...	EA	1.00			SK2 FN-58 R611 PULLED:		0.00					
				RSVD	1.00 114986	SKCF2 114986 PULLED:		237.00	09-27-04				

REWORK TRAVELER

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

SEMBLY NAME: TPS CCA	QTY: 1
----------------------	--------

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>113</u> GLAT- <u>1783</u>	Byp	04/28/05	
2	OPERATOR: STAKE R22 PER CAA-LAT-DS-02388, STEP 40. CURE PER INSTRUCTION IN STEP 40	P.O. 1946	4/28/05	
3	INSPECTION: INSPECT FOR BOARD CLEANLINESS. NO SOLDER BALLS ALLOWED.		5/9/05	
	SOURCE INSPECTION		5/14/05	



REWORK TRAVELER

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

ASSEMBLY NAME: SLAC CCA'S	QTY: ALL
---------------------------	----------

APPROVAL							
G. POZZI	4-22-05	G. HEFKIN	4-22-05	BERGTHOLT	4/21/05	P. LUJAN	4/21/05
PREPARED BY	DATE	ENG MGR	QA MGR	PROD MGR	DATE	SOURCE	DATE

STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	NCMR 2305 REMOVE AND REPLACE Q10, Q11, AND Q12 Record serial numbers: TPS LAT-DS-02388 SN's GT- <u>113</u> , GLAT- <u>1783</u>	GTC 1289 BYP	04/23/05	
2	OPERATOR: REMOVE Q10, Q11, AND Q12. USE THE HAKO FM202 PARALLET REMOVAL SOLDERING IRON WITH 5/16" BLADE TIPS PLACE PARTS INTO AN ESD BAG AND RECORD BOARD SERIAL NUMBER ON BAG. KEEP PARTS WITH REWORK TRAVELER THEN ROUT TO QUALITY ENGINEERING WITH A COPY OF THE REWORK TRAVELER.	GTC 1289 BYP GTC 1289 BYP GTC 1289 BYP	05/02/05 05/02/05 05/02/05	
3	OPERATOR: VERIFY PADS HAVE NO DAMAGE.	LAT 10 QA GTC 1289 BYP	05/02/05	
3	OPERATOR: SOLDER Q10, Q11, AND Q12 ONTO BOARD USE THE METCAL SOLDERING IRON WITH A .5" BLADE TIP.	GTC 1289 BYP	05/02/05	
4	OPERATOR: HAND CLEAN BOARDS USING ALCOHOL.	GTC 1289 BYP	05/02/05	
5	INSPECTION: INSPECT PARTS FOR WORKMANSHIP AND BOARD CLEANLINESS	GTC 1289	5/4/05	
6	SOURCE INSPECTION	LAT 10 QA	5/11/05	



REWORK TRAVELER

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

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

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

STEP	OPERATION	Operator Sign Off.	Date	Time spent
	RE. NCMR 2323. <i>sur</i>			
1	Record serial numbers Affected: __ GT-104 Glat-1774 Thru GT-122 Glat-1792 __ Serial Number <u>GT113 GLAT1783</u>	(GTC 1288) <i>SLP</i>	04/25/05	
2	REMOVE ALL CABLE TIE WRAPS ON HARNESSSES.	(GTC 592) <i>MIP</i>	05/03/05	
3	REPLACE ALL CABLE TIE WRAPS USING THE PANDUIT CABLE TIE WRAP TOOL ON SETTING "STANDARD", AT LEVEL "7".	(GTC 592) <i>MIP</i>	05/03/05	
4	TRIM CABLE TIES FLUSH TO THE STRAP HEAD ADD A DROP OF ADHESIVE TO THE CUT STRAP SO THAT THE ADHESIVE FLOWS DOWN INTO THE LOCKING MECHANISM. USE HYSOL 0151 ADHESIVE <i>REFER TO CAA LAT-DS-02388</i> <i>For mix instructions</i>	(GTC 592) <i>MIP</i>	5/16/05	
5	Hysol 0151 data: DATE MIXED <u>05/03/05</u> Expiration Date <u>01/31/07</u> PO# <u>31403</u>	(GTC 592) <i>MIP</i>	05/03/05	
6	Inspection	(GTC 592) <i>MIP</i>	5/03/05	
7	Source Inspection	LAT TO QA	5/16/05	

REWORK TRAVELER

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

SEMBLY NAME: TPS CCA	QTY: 1
----------------------	--------

Original signed edition RESERVED for copying. <i>[Signature]</i>							
APPROVAL G. POZ...	<i>[Signature]</i>	G. HEFKIN <i>[Signature]</i>	K. BERGTHOLDT <i>[Signature]</i>	P. LUJAN <i>[Signature]</i>			
PREPARED BY	DATE	ENG MGR SUP.	DATE	QA MGR EHL.	DATE	SLAC SOURCE	DATE
<i>[Signature]</i>	4-18-05	<i>[Signature]</i>	4-18-05	<i>[Signature]</i>	4/18/05		4-19-05

STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	Record serial numbers: __ TPS LAT-DS-02388 SN GT- <u>113</u> GLAT- <u>1783</u>	Byp	04/23/05	
2	OPERATOR: INSPECT FOR CLEANLINESS AND DEBRIS USE A SOLUTION OF 75% ALCOHOL AND 25% DE-IONIZED WATER. PLACE BOARDS INTO SOLUTION AND USE A SOFT BRISTLE BRUSH TO REMOVE ALL SOLDER BALLS. VIEW BOARDS UNDER A 10X SCOPE AND RECLEAN UNTIL ALL SOLDER BALLS HAVE BEEN REMOVED. NO SOLDER BALLS ALLOWED.	Byp	05/02/05	
	AQUEOUS CLEAN USING RECIPE #3	Byp	05/03/05	
4	INSPECTION: INSPECT FOR BOARD CLEANLINESS. NO SOLDER BALLS ALLOWED.	Byp	5/11/05	
5	SOURCE INSPECTION	LAT 10 SA	5/14/05	

DEFECT RECORD REPORT

ID 29624

PART NUMBER: LAT-DS-02388

WORK ORDER: 112055

SALES ORDER: F17300

QUANTITY: 1 RW QTY: 1

CUSTOMER: SIAC

INSPECTION TYPE: POST REFLOW

INSPECTION LEVEL: 1

INSPECTOR: SANDOVAL

OFE SOLDER: 1421

OFE ASSEMBLY: 786

DATE: 2/23/2005

WEEK CODE: 10

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

GT113 1 1858 A342 4-MIXED > 25% OVERHANG L6

03/11/05 Reworks done by Eric Byg 03/11/05

3-11-05

SMT Component Change Verification Log

Date	CCA	P/N Changed	Polarity	Changed by	Verified by
5/31/09	SMT01	CARRINGTON (www.carrington.com)	N	PAE	GC

CCA PIN: LAT-DS-02388 65113-6-LAT1783

W.O. #: 112066

CC Tech: HW (Initial / Employee #)

Date: 6/8/05

MIX RATIOS

Coating TYPE: ARATHANE Mfr: HUNTS MAN

Lot Number: AKAG-B8013A Expiration Date: 6/30/05

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

AIR CURE: 6/8/05 6:30 pm

OVEN CURE: _____

WESTEK

Operator :STEPHANIE

06/08/05

14:43:04

Test Type : Test

Test name : 'Manual Test'

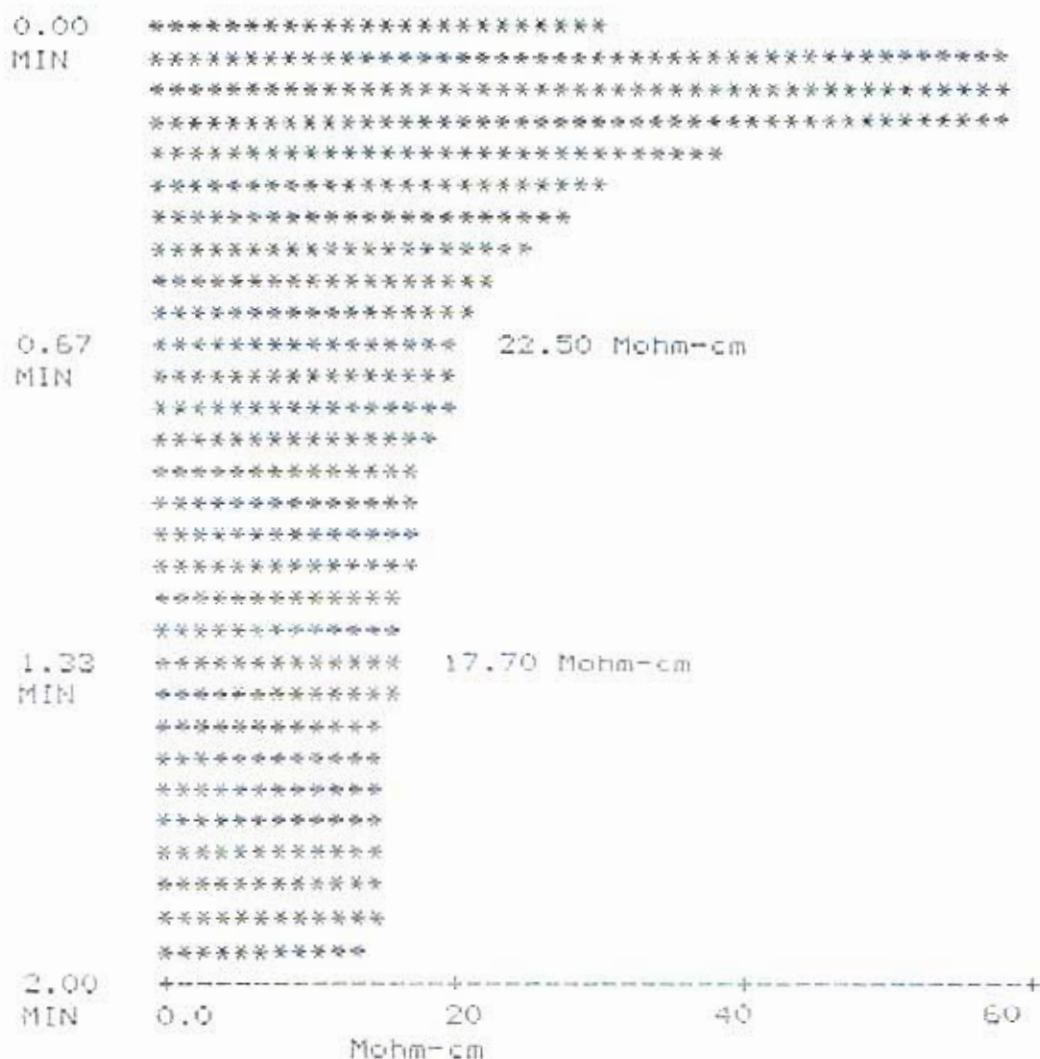
Board # 113 has P A S S E D

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

Initial Resistivity : 50.73 Mohm-cm

NaCl Equivalence (Final) : 4.12 ug/sq in

TIME vs RESISTIVITY



Final Resistivity : 15.90 Mohm-cm

IRK CELL 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

SSY, #N# LAT-DS-02831-01
SSY, CABLE, TFS O/P PWR

NO# 112044
REQ DATE 02-03-05
REL DATE 02-02-05
SO#
PC# 0000049800

CUST #
QTY 13
PROJECT# F17300
CUST# 15356

PAGE 1

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

APPROVAL
PROD: 2/10/05
QA: 2-7-05

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

LOT NO.	LOT QTY	SERIAL NUMBERS	SEQ NO.	REASON	APPRV & DATE
A ¹	13	N/A	3		mm 2/10/05
B	4	N/A	3	To mak.	mm 3/8/05
A ²	2	N/A	6	To move	mm 3/12/05
A ^{1B}	2	N/A	7	To move	mm 3/23/05
A ^{1A2}	6	N/A	7	To move	3/31/05

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



00 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000

***** CONFIGURATION DOCUMENTS *****
 ASSY & PL: LAT-DS-02831 REV FD/PL 52 OUTSTANDING ED'S NONE
 REFERENCE ASSY/PL LAT-DS-02388 FOR RTV APPLICATION (RTV)
 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			mm



WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

A N# LAT-DS-02831-01
AL CABLE, TFS O/P PWR

WOP 112244
REQ DATE 02-08-05
REL DATE 02-03-05
SO#
PO# 0000048800

CUST P#
QTY 19
PROJECT# F17300
CUST# 15356

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



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

* WIRE, CRIMP PINS, CONNECTOR, AND RTV

DATE QTY REMARKS STATUS
2/19/05 19
[Handwritten signature]

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

PN# 1AT-DS-02811-01
AL .. CABLE, TPS D/P PWR

MO# 112044
REQ DATE 02-08-05
REL DATE 02-02-05
SOP
POS 0000048800

CUST P#
QTY 19
PROJECT# F17300
CUST# 15355

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



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

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

* CRIMP TEST SETUP - GTC-2081.

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

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

... USE SCHEMATIC ELECTRIC WIRE STRIPPER SET UP WITH
24 AWG STRIP BLADES, A STRIP LENGTH OF 1.125"
AND LEAVES THE INSULATION SLUG IN PLACE.

350
EUBANTS SMALL MODEL #4900-AM
7/16 (.125)

* PRE-ASSY CRIMP TEST...

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

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

Crimp Tensile Strength Paper attach
Rm1

* ASSEMBLY ACTIVITY...

- 1) FEED WIRE DIRECTLY OFF THE SPOOL TO THE STRIPPER.
- 2) STRIP THE INSULATION LEAVING THE SLUG, ~~WAL-4254~~ 7/16 (.125)
- 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 (22D) ONTO LEAD
USE M22520/2-01 CRIMPER W/ M22520-2-05 TURRET/LOCATOR
K-41

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

* POST-ASSY CRIMP TEST...

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

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

DATE	QTY	REMARKS	STATUS
2/15/05	4	78 wires x 4 = 312	Rm1970
3/7/05	2	156 wires	
3/16/05	1	4 wires	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)

OPK CELL: 4-MIXED

CUSTOMER: SLAC

YFE - PRODUCTION

WORK ORDER TRAVELLER - NEW

SS & LAI-DS-02831-01
SSV, CABLE, IFS O/P FWR

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

CUST #
QTY 19
PROJECT# F17300
CUST# 15356

PAGE 4

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



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

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

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	

H-6 #1441



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

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

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

checked strips 375 wires 3/22/05
+ 1140
checked crimps & tin 3/24/05
checked wires for tinning 35 em 1574

RM 1970 1/6 #1441 3.25.05 (6) H-6 #1441



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

- * 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	" " "	

TRK CFTL: 4-MIXED

CUSTOMER SLAC

YFT PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 5

Sub. # LAT-DS-02831-01
SSY, CABLE, TFS O/P PWR

WCS 112044
REQ DATE 02-08-05
ISSUE DATE 02-02-05
PO# 0000048800

CUST P# 19
QTY P17300
PROJECT# P17300
CUST# 15355

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



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

- * APPLY RTV, DC6-1104, TO WIRES EXITING CONNECTOR SHELL, FROM THE SHELL DOWN THE WIRES 1/2" (1.5").
- * TRANSFER RTV TO AN BID 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 (60 C).
- * RECORD CURE DATE, START/STOP TIME BELOW:

DATE _____ START _____ STOP _____

DATE	QTY	REMARKS	STATUS
3/24/05	2		F291262
3/28/05	6	same lot of RTV used as above	H.G.#1941
4/22/05	6		17M1262



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

- * INSPECT POTTING/CURING OF LEAD ASSEMBLY.
- ** RECORD DEFECT RECORD REPORT NUMBER(S) BELOW:
DR#(S) _____
- * ROUTE FOR NO CLOSURE AND NEXT ASSY - LAT-DS-02389.

DATE	QTY	REMARKS	STATUS
4/23/05	5		



WORK ORDER : 112044

(NEW)

WORK ORDER PICK LIST

PAGE: 1

A LY # : LAT-DS-02831-01
W NTITY : 19
W1. LOCATION: 402

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					
PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STAT	RESV IN QUANTITY	LOT #	INVLOC NUMBER	LOT QUANTITY	LOT DATE	SIN
1 20650-1 CONN (321P407-55-B-15) ORIGINAL QUANTITY...	EA	19.00	SO	19.00		SKCF2 FN-1	0.00		
The following parts have been defined as alternates for 20650-1: LT# 1.1 311P407-55-B-15 1 PER Partial quantity replacements are allowed.									
2 M22759/11-24-9 WIRE, 24AWG, WHITE ORIGINAL QUANTITY...	IN	860.00	RSVD	16340.00	115299	SKCF2 FN-3	34056.00	10-01-04	LOT1152
3 206071-1 CONTACT (206071-1) ORIGINAL QUANTITY...	EA	26.84	SO	510.00		SKCF2 FN-2	0.00		
The following parts have been defined as alternates for 206071-1: LT# 3.1 G08S1 1 PER Partial quantity replacements are allowed.									
3.1 G08S1 CONTACT (206071-1) ORIGINAL QUANTITY...	EA	51.16	RSVD	972.00	118021	SKCF2 FN-2	972.00	03-27-04	
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...	OZ	1.00	SO	19.00		SKCF2 REQUIREMENT SHOWS ON LAT-DS 02288. APPLY HERE PULLED:	0.00		

BLAT-DS-02831
LOT # 114947

18

16340

0

1/1

972

0

0710

CRIMP TENSILE STRENGTH LAT-05-02831-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Rhonda Marnon 11970	TEST DATE
CONTACT PN:	206071-1	2-16-05
WIRE PN:	M22759/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A830)	Rhonda Marnon
DIE/LOCATOR PN (GTC Tool #):	M22520/2-00 (GTC-A834)	WORK ORDER NO.
SELECTOR VALUE:	3	112044
TEST EQUIP # (Last CAL date):	ALPHATRON MP 2004 (6.17.04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

1000

CRIMP TENSILE STRENGTH

LAT-DS-02831-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD		POST - PROD			
CRIMP OPERATOR NAME/EMP #:	1				TEST DATE	
CONTACT PN:					2/16/05	
WIRE PN:					TESTED BY	
CRIMP TOOL PN (GTC Tool #):	(GTC-)				Rhonda Marshall	
DIE/LOCATOR PN (GTC Tool #):	(GTC-)				WORK ORDER NO.	
SELECTOR VALUE:					112044	
TEST EQUIP # (Last CAL date):	()					
PULL RATE:	1" +/- .25" per min.		OTHER PULL RATE:			
OBSERVATIONS/VALUES						
SAMPLE NUMBER:	No. 1		No. 2		No. 3	
MINIMUM TENSILE STRENGTH:	10		10		10	
MEASURED TENSILE STRENGTH:	13.7		13.6		13.6	
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL		<input checked="" type="radio"/> PASS <input type="radio"/> FAIL		<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	
Type of Separation Observed						
SLIP (pull out) (a)	✓		✓		✓	
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-DS-02831-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE-PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1 st 1941	TEST DATE
CONTACT PN:	2060H-1	3.17.05
WIRE PN:	M22759 / 11-74-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 12-01 (GTC A.1012)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 12-06 (GTC A.690)	WORK ORDER NO.
SELECTOR VALUE:	3	112044
TEST EQUIP # (Last CAL date):	Alpha 1001 MP-700A (6.17.04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	12.4	12.9	13.4
PASS/FAIL (circle test result)	PASS FAIL	PASS FAIL	PASS FAIL
	Type of Separation Observed		
SLIP (pull out) (a)			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)	✓	✓	
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)			✓
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			

SPECIAL INSTRUCTIONS (as reqd):

1:10 P.M.

CRIMP TENSILE STRENGTH CAT-DS-02831-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<input checked="" type="radio"/> PRE-PROD	POST-PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray #1941	TEST DATE 3.16.05 TESTED BY Herbie Gray WORK ORDER NO. 112044
CONTACT PN:	206071-1	
WIRE PN:	M22759 / 11-74-9	
CRIMP TOOL PN (GTC Tool #):	M22520 / 201 (GTC #102)	
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-06 (GTC #692)	
SELECTOR VALUE:	3	
TEST EQUIP # (Last CAL date):	Alptra MPT-200A (6-17-04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

SPECIAL INSTRUCTIONS (as reqd):

1:15 p.m.

CRIMP TENSILE STRENGTH CAT-DS-02831-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<input checked="" type="radio"/> PRE	<input type="radio"/> PROD	<input type="radio"/> POST - PROD		
CRIMP OPERATOR NAME/EMP #:	Nelson M 1#1262		TEST DATE	3.16.05	
CONTACT PN:	20671-1			TESTED BY	Harrie Gray
WIRE PN:	M22759 / 11-24-9			WORK ORDER NO.	117044
CRIMP TOOL PN (GTC Tool #):	M22520 / 7-01 (GTC 4-1011)				
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-06 (GTC A833)				
SELECTOR VALUE:	3				
TEST EQUIP # (Last CAL date):	Adaptor 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)	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL
	Type of Separation Observed		
SLIP (pull out) (a)			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)			✓
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)	✓	✓	
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			

SPECIAL INSTRUCTIONS (as reqd):

10:36 a.m.

for build of (e)

CRIMP TENSILE STRENGTH LM-15-0283101

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1#1941	TEST DATE
CONTACT PN:	20671-1	3-10-05
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC 1402)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-06 (GTC 1692)	WORK ORDER NO.
SELECTOR VALUE:	3	112044
TEST EQUIP # (Last CAL date):	Alabaster MPF200A (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:	13.6	13.6	13.4
PASS/FAIL (circle test result)	PASS	FAIL	PASS
	FAIL	PASS	FAIL
	PASS	FAIL	PASS
	FAIL	PASS	FAIL
Type of Separation Observed			
SLIP (pull out) {a}			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) {b}	✓		
CONTACT BROKEN IN CRIMP AREA (some or all) {c}			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) {d}		✓	✓
CONTACT BROKEN OUTSIDE OF CRIMP AREA {e}			
OTHER (define) {f}			

SPECIAL INSTRUCTIONS (as reqd):

11:00 a.m.

Build A (12)

CRIMP TENSILE STRENGTH (AT-DS-02281-01)			
MIL-STD-1344; METHOD 2003.1			
TEST TYPE (circle one):	<input checked="" type="radio"/> PRE-PROD		<input type="radio"/> POST-PROD
CRIMP OPERATOR NAME/EMP #:	Hedie Gray 1#441		TEST DATE
CONTACT PN:	206071-1		3.22.05
WIRE PN:	M2259/11-249		TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC#102)		Hedie Gray
DIE/LOCATOR PN (GTC Tool #):	M22570/2-06 (GTC#953)		WORK ORDER NO.
SELECTOR VALUE:	3		112044
TEST EQUIP # (Last CAL date):	Alpha 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	13.4	13.4
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL
	Type of Separation Observed		
SLIP (pull out) (a)			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)			
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)	✓	✓	✓
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			
SPECIAL INSTRUCTIONS (as reqd):			

CRIMP TENSILE STRENGTH

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Harvie Gray #1941	TEST DATE 3.23.05 TESTED BY Harvie Gray WORK ORDER NO. 112044
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 # 853)	
SELECTOR VALUE:	3	
TEST EQUIP # (Last CAL date):	Alpert 101-201 (6/7/01)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

SPECIAL INSTRUCTIONS (as reqd):

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

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Martha Villa 1770	TEST DATE
CONTACT PN:	206071-1	4-20-05
WIRE PN:	M22759/11-24.9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A 833)	Martha Villa
DIE/LOCATOR PN (GTC Tool #):	M22520-2-06 (GTC-A 833)	WORK ORDER NO.
SELECTOR VALUE:	3	112044
TEST EQUIP # (Last CAL date):	7-6-05 ()	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

CRIMP TENSILE STRENGTH

Assy LA-05-02831-01

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 4833)	Mattha Villa
DIE/LOCATOR PN (GTC Tool #):	m 22520-206 (GTC 4833)	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):

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELER - NEW

PAGE 1

ASSY. N# LAT-DS-02830-01
CARR. TYP 1/P MWP

WOP 112043
REQ DATE 02-09-05
REL PATH 02 01 04
SUB
PO# 0000048800

* CUST PR
QTY 10
PROJECT# P17300
CUST# 15350

*SERIAL NUMBER LISTING:-----

N/A

APPROVAL
PROD: PH/23/05
QA: PH/2-Proj

*WORKMANSHIP:-----

ANSI-Z.39.1-2003 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		PH 3/1/05
B	4	N/A	6	TS MTR.	PH 3/1/05
A2	2	N/A	6	TS MTR.	PH 3/1/05

(wchdr rev 02.19.04 ghl)

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



200 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000

..... CONFIGURATION DOCUMENTS

ASSY & PL: LAT-DS-02830-01 DOCUMENT NUMBER REV PD/PL OUTSTANDING EO'S
 REFERENCE ASSY/PL LAT-DS-02388 FOR RTV APPLICATION (RTV)
 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: 02.09.05



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

2-Proj

[Signature]

WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

MSO./PNS LAT-DS-02810-01
ASSY, CABLE. TFS I/P FWR

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

CUST #
QTY 19
PROJECT# P17300
CUST# 15356

PAGE 2

LINE	DEPT	MACH#	QTY	DESCRIPTION	HOURS		
					SET-UP	RUN	LINE-MACH ST-LOT
2	201	00		STOCKROOM/KITTING AREA KIT PARTS/MATERIALS	0.0000	0.0000	0.0000



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

* WIRE, CRIMP PINS, CONNECTOR, AND RTV.

DATE 2/10/05 QTY 19

REMARKS.....

STATUS

[Handwritten signature]

WORK CELL: 4-MIXED

CUSTOMER: NIW

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

ASSY: FN# LAT-DS-02830-01
ASSY: CABLE: TFS I/P W/R

WOB 112043
REQ DATE 02-09-05
REL DATE 02-09-05
SO#
PO# 0000018800

CRST P#
QTY 10
PROJECT# F17303
CURT# 15356

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



3 210 00 OCA/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 5" LONG, FOR FULL TESTS.
USE 3 PCS EACH FOR PRE-CRIMP AND POST-CRIMP TESTS.

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

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

* 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" (1.125").
- 3) CUT THE WIRE OFF AT THE INDICATED LENGTH, AND QUANTITY.
* CUT 10 PAIRS TO 9-1/2" (9.50") LONG.
- 4) STRIP SECOND END USING THERMAL TWEEZERS, 1/4".
- 5) TIN SECOND END BY SOLDER DIP. CLEAN WITH ALCOHOL.
- 6) PULL INSULATION SLUG AND CRIMP CONTACT (220) ONTO LEAD.
USE M22520/2-01 CRIMPER W/ M22520-2-09 TURRET/LOCATOR.

* POST-ASSY CRIMP TEST...

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

CRIMP TEST: BY: Pm1970 DATE: 2/18/05 STATUS Pass

DATE	QTY	REMARKS	STATUS
2/15/05	4	4 sets of 10 - 10	Pm1970
3/8/05	1	1 set of 10 - 10 (Rework)	Cvd1920
3/17/05	2	2 set of 10	MV, DM, MM - 160?

3-16 47-4 - set of 10 MV 1943
3/16/05 w/ zero of 10 strip only

ELC BAMP5 SMALL MCG#2 #4900-c
Jt. [unclear]

3/11 (10?)

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

WORK CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 4

ASST/PNS IAT-DS-02830-01
ASSY, CABLE, TPS I/T PWR

WC# 112043
REQ DATE 02-09-05
REL DATE 02-03-05
SUP
PO# 0000048800

CUST #
QTY 10
PROJECT# F17300
CUST# 15356

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



4 200 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OPE: SLCR-20 ASSY 80

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

DNR#(S) 29577

DATE	QTY	REMARKS	STATUS
2/22/05	40	30	OK
3/2/05	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	POS
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	16. #1941
3.15.05	2	complete	16. #1941

WORK CELL: 4-MIXED

CUSTOMER: SIAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

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

WOB 112043
REQ DATE 02-09-05
REL DATE 02-03-05
SO#
PO# 0000046600

CUST P#
QTY 10
PROJECT# F17300
CUST# 15356

PAGE 5

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



4 200 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
CPE: SLD8-0 ASSY-24

- 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

3/9/05 3

3/14/05 24

3-14-05 22 11 post clips
will fix red length



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

- APPLY RTV, DCS-1104, TO WIRES EXITING CONNECTOR SHELL, FROM THE SHELL DOWN THE WIRES 1/2" (.5").
- TRANSFER RTV TO AN EPD SYRINGE TUBE, OR PLUNGER TYPE SYRINGE, TO AID APPLICATION.
- ALIGN WIRES WITH KAPTON TAPE IN AN AREA ABOUT 2 TO 4 INCHES AWAY FROM THE CONNECTOR. THIS IS INTENDED TO KEEP WIRES COMING STRAIGHT OUT OF THE CONNECTOR, AS AN AID FOR LATER TERMINATION TO THE OCA.
- APPLY RTV TO CONNECTOR BACKSHELL SURFACE, AT INSIDE ROWS FIRST, WORKING OUT, AND UP, TO THE APPROXIMATE 1/2" POINT.

RECORD RTV MATERIAL PO# AND EXPIRATION DATE BELOW:
PO# 31695 EXP. DATE 7-10-2005

air cured overnight.
ME 3-17-05

- WIRE APPLIED RTV IN OVEN FOR 2 HOURS AT 120 DEG F (40 C).
- RECORD CURE DATE, START/STOP TIME BELOW:

DATE _____ START _____ STOP _____

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

STATUS ME/Am 1262

WORK CELL: 4 MIXED

CUSTOMER: SIJA

PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 6

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

WOB 112043
REQ DATE 02-09-05
REL DATE 02-03-05
SO#
PO# 0000048900

QTY 10
PROJECT# F17300
CUST# 15156

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



8 250 00 QUALITY ASSURANCE AREA n.0000 n.0000 n.0000
OFF: SLDR-0 ASSY-7

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

DAR#(S) _____

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

DATE	QTY	REMARKS	STATUS
3/17/05	2		STC 19 04
_____	_____	_____	_____
_____	_____	_____	_____

WORK ORDER : 112043

(NEW)

WORK ORDER PICK LIST

PAGE: 1

ASSEMBLY # : LAT-DS-02830-01
MC NTITY : 19
W CATION: W02

BY LINE ITEM

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

DRAWN PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL		
			QUANTITY	STAT QUANTITY				QUANTITY	LOT DATE	BIN
1	206500 CONN (311P-07-2P-B-15) ORIGINAL QUANTITY...	EA	1.00	50	19.00		SKCF2 FN-1	0.00		
<p>The following parts have been defined as alternates for 206500-1: Line 1: 311P107-2P-B-15 1 PER Partial quantity replacements are allowed.</p> <p><i>S/B LAT-D 02830</i> <i>107# 114944</i></p>										
2	M22759/11-24-2/9 WIRE, 24AWG RED/WHIT ORIGINAL QUANTITY...	IN	300.00	RSVD	5700.00	115300	SKCF2 FN-2	11997.00	10-01-04	
<p><i>500 i</i></p>										
3	204370-E PIN, CRIMP ORIGINAL QUANTITY...	EA	20.00	RSVD	360.00	114796	SKCF2 FN-3	401.00	09-23-04	IN ASSY
<p><i>30</i></p> <p>115041 115041 09-27-04 F17200</p>										
<p>The following parts have been defined as alternates for 204370-8: Line 3: 1 GOSP1 1 PER Partial quantity replacements are allowed.</p>										
4	DC6-1104 ADHESIVE ORIGINAL QUANTITY...	OZ	1.00	DO	19.00		SKCF2 REQUIREMENT SHOWS ON LAT DS-02830-01 APPLY HERE. PULLED:	0.00		
<p><i>0</i></p>										

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 / 1713

TEST DATE

CONTACT PN:

201370-8

3-16-05

WIRE PN:

M33159/11-01-2/9

TESTED BY

CRIMP TOOL PN (GTC Tool #):

M33530/12-01 (GTC-A 1014)

112043

DIE/LOCATOR PN (GTC Tool #):

M33530/12-01 (GTC-A 831)

WORK ORDER NO.

SELECTOR VALUE:

3

Martha Villa

TEST EQUIP # (Last CAL date):

PULL RATE:

1" +/- .25" per min.

OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:

No. 1

No. 2

No. 3

MINIMUM TENSILE STRENGTH:

10.0

10.0

10.0

MEASURED TENSILE STRENGTH:

17.0

12.5

12.4

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):

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 1742	TEST DATE
CONTACT PN:	204370-8	3-14-05
WIRE PN:	M33759/11-24-3/9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M33530/13-01 (GTC-401P)	Martha Villa
DIE/LOCATOR PN (GTC Tool #):	M33530/13-01 (GTC-433)	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:	100	100	100
MEASURED TENSILE STRENGTH:	114	121	115
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

WORK ORDER: 112043

SALES ORDER: F17300

QUANTITY: 40 RW QTY: 8

CUSTOMER: SLAC

INSPECTION TYPE: CRIMPING

INSPECTION LEVEL: 1

INSPECTOR: VANDEVER

OFF SOLDER: 20

OFF ASSEMBLY: 80

DATE: 2/22/2005

WEEK CODE: 10

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
NA	2	1970	A316	4-MIXED	CUTS OR NICKS	WIRES	Twisted wires Red/white
NA	5	1970	A355	4-MIXED	IMPROPER CABLE LENGTH	WIRES	Twisted wires Red/white

Rem, 5/18/05

3/8/05

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

PN# LAT-DS-01481
SLAC, SLAC, DAO, SEM

WOM# 113115
ISSUE DATE 04-20-05
ISSUE DATE 04-20-05
JOB# 113100
JOB# 000004299

CUST #
QTY 1
PROJECT# F17200
CUST# 18155

-SERIAL NUMBER-----
G7114 GLAT1803

-----APPROVAL:-----
PROD RLH/4/27/05
DA RLH/4/27/05

-----WORKMANSHIP-----
IPC/EIA-J-STD-0010 CLASS 3, WITH "CS" SPACE SUPPLEMENT
SLAC CAR MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE
OF ANY STEP OF THE TRAVELER/WORK ORDER. SLAC CAR MAY
INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP.
*31h 09 18 04-----

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



1 000 00 CONTIG RECORD/KITTING 0.0000 0.0000 0.0000

***** CONFIGURATION DOCUMENTS *****
DOCUMENT NUMBER REV ED/PL OUTSTANDING QTY'S
ASSY DWG: LAT-DS-01481 54 NONE
BOM PL: (SAME - ON DWG)
PCB: (REV 000001) 00 NONE
ASSY: (N/A THIS LEVEL)
ASSY: (N/A THIS LEVEL)
CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)
BUILD DOCUMENTS
USE... WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS
*** SEE FOOTER OF WORK ORDER FOR REV HISTORY ***

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



2 001 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000

* PROCESS MATERIAL PER CAA STEP 1.

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



WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

WNA LAT-DS-01281
CLASSY DRG. TEM

WCR# 113115
REQ DATE 04-09-05
CUST #4
CITY 1
PROJECT# F17200
CUST# 13154

PAGE 1

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



3 310 00 CCA/BLACK BOX ASSY AREA
APPLY ADHESIVE 0.0000 0.0000 0.0000

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

QTC P# 32131 EXP. DATE 01/1/05
 LOT #'S: (PT A) 32775 (PT B) 32775
 MIN RECORD (PART A WGT) 15 gm (PART B WGT) 1 gm

DATE	QTY	REMARKS	STATUS
06/13/05	1		Exp(1288)



4 310 00 CCA/BLACK BOX ASSY AREA
LOG CCA SN TO WORK ORDER
DRASS SCREW THREADS
INSTALL CCA TO BOX 0.0000 0.0000 0.0000

- PROCESS ASSY PER CAA STEP 4
- INSTALLED CCA SERIAL NUMBER: GT 114

DATE	QTY	REMARKS	STATUS
06/13/05	1		Exp(1288)



5 310 00 CCA/BLACK BOX ASSY AREA
TORQUE FASTENERS. 0.0000 0.0000 0.0000

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

TORQUE TOOL # GTGE-951 1/2
 QTC-F-944 CAL DUE DATE 08/05

DATE	QTY	REMARKS	STATUS
06/13/05	1		Exp(1288)
06/13/05	1	WITNESS TORQUE	



TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PTN: 127-20-01481
J. GLAST. DAO. 1&M

WOS 113118
KREQ DATE 04-29-05
PROJ DATE 04-29-05
P 0000148799

CUST PR
PROJECT
DISC
P: 7000
12300

LINE DEPT MACH# OP# DESCRIPTION

SET-UP RUN HOURS LINE-MACH ST-LOT



6 310 00 CCA/BLACK BOX ASSY AREA
STAKE BOLT HEADS 0.0000 0.0000 0.0000

* PROCESS ASSY PER CAA STEP 6:

* RECORD MATERIAL DATA BELOW:

ADHS: 01517 GTC PC# 31403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START 04/13/05 1:00 PM STOP 04/13/05 3:00 PM

DATE	QTY	REMARKS	STATUS
<u>04/13/05</u>	<u>1</u>		<u>By (1288)</u>



7 310 00 CCA/BLACK BOX ASSY AREA
ASSY MARKING 0.0000 0.0000 0.0000

* PROCESS ASSY PER CAA STEP 7:

* RECORD MATERIAL DATA BELOW:

INK 50 100R: GTC PC# 31201 EXPIRATION DATE 04/27/07

LOT # (PT A): 200409086033

LOT # (PT B): 200407020071

MIX RECORD (PT A WGT): 1.0g (PT B WGT): 0.6g

MARKING DATE/TIME: 04/13/05 1:00 PM 3:00 PM

CURE OCCURS AT STAKING STEP 13.

DATE	QTY	REMARKS	STATUS
<u>04/13/05</u>	<u>1</u>		<u>By (1288)</u>



8 390 00 QUALITY ASSURANCE AREA
OFF: 510R-0 ASSY-127 0.0000 0.0000 0.0000

* PROCESS ASSY PER CAA STEP 8:

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
<u>04/14/05</u>	<u>1</u>		



WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

W/O# LAT-09-01491
W/O# GLAST. DAQ. TEM

W/O# 119219
REQ. DATE 04-29-05
REV. DATE 04-04-05
C/S# 010011
P/S# 0010249799

CUST. Q# 1
CITY 1
PROJECTS 119200
COSTS 10000

PAGE 4

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



9 260 00 SOURCE INSPECTION EXAMINE BOX ASSY 0.0000 0.0000 0.0000

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

DATE	QTY	REMARKS	STATUS
6/14/05	1	GLAST 1803	LAT 070 CA



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

- PROCESS ASSY PER CAA STEP 10.

DATE	QTY	REMARKS	STATUS
06/14/05	1		BuyP(1288)



11 0 00 CCA/BLACK BOX ASSY AREA TORQUE FASTENERS 0.0000 0.0000 0.0000

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

TORQUE TOOL = GTC-A-977 / GTC-E-951 1/2
 GTC-E-944 CAL DUE DATE 08/05 / 08/05

DATE	QTY	REMARKS	STATUS
06/14/05	1		BuyP(1288)
6-14-05	1	WITNESS TORQUE	LAT 10 CA



12 000 00 QUALITY ASSURANCE AREA CPE: SLK-0 XRY-11 0.0000 0.0000 0.0000

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

DATE	QTY	REMARKS	STATUS
6/14/05			

WORK CELL: 1-BLD RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

Asy, GLASS, DRG, IDK

W# 113115
REV 04-29-06
DATE 04-04-06
JOB 17211
JOB 000048799

CUST #
CITY 1
PROJECT# P17200
CUST# 15356

PAGE 8

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



13 110 00 CCA/BLACK BOX ASSY AREA STAKE BOLT HEADS 0.0000 0.0000 0.0000

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

ADHSV CISEL. GTC PO# 31403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START 06/14/05 4:30 PM STOP 6:30 PM

DATE	QTY	REMARKS	STATUS
<u>06/14/05</u>	<u>1</u>		<u>BYP(108E)</u>



14 190 00 QUALITY ASSURANCE AREA CPE: SLDR-0 ASSY-37 0.0000 0.0000 0.0000

- * PROCESS ASSY PER CAA STEP 14

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
<u>6/15/05</u>	<u>1</u>		



15 290 00 SOURCE INSPECTION CUSTOMER SOURCE INSP 0.0000 0.0000 0.0000

- * PROCESS ASSY PER CAA STEP 15.

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
<u>6/15/01</u>	<u>1</u>	<u>GLAT 1803</u>	

***** TRAVELER REVISION HISTORY RECORD *****
 CREATED BY: _____ FOR ASSY REV: _____ DATE: _____
 REVISION 54
 REV BY DATE CHANGE DETAIL
 54 JLN 031105 RELEASED AT REV 50, AND CAA AT REV -

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

WORK CODE: 4-MIAEU

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NFM

SW: LAC-DS-01646
CON. CLASST. TEM

WOB 112014
ASO DATE 02-13-05
REL DATE 12-21-04
SOP
PC# 0020044799

CUST PA
QTY 1
PROJECT# 717200
COST# 12355

PAGE 1

SERIAL NUMBER: GT114
APPROVAL: PROG [Signature] 2/3/05
SLAC 1765 DATE 2/7/05

WORKMANSHIP: SLAC 1765
IPC EIA-3-STD-001C CLASS 3. WITH 'CS' SPACE SUPPLEMENT
SLAC CAR MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE
OF ANY STEP OF THE TRAVELER/WORK ORDER. SLAC CAR MAY
INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP.

PLN 02.02.05

114 DEPT MACH# OP# DESCRIPTION EST-UP RUN... HOURS LIVE-MACH ST-LOT



1 200 00 CONFIG RECORD/KITTING 0 0000 3.0000 0.0000

***** CONFIGURATION DOCUMENTS *****
DOCUMENT NUMBER REV #D/PL OUTSTANDING EO'S
ASSY DWG: LAC-DS-01646 02 NONE
BOM #1: LAC-DS-01646 02 NONE
CUST DOW: LAC-DS-02819 02 NONE
ASSY AID: LAC-DS-01646 ** (RELEASED PER SC 2283)
CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)
***** BUILD DOCUMENTS *****
LSE... WORK ORDER CONTROLLED ASSEMBLY AID & DRAWINGS.
* REV'D/PREP'D BY: GW (DATE/DATE: 02.02.05)

DATE QTY REMARKS STATUS
2-7-05 1 [Signature] [Signature]



0 201 00 STOCKROOM/KITTING AREA 0 0000 0 0000 0 0000

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

DATE QTY REMARKS STATUS
2/7/05 1 [Signature] [Signature]

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

WIP# 142-DS-01648
S.A. MARK: TEM

WOB# 112014
SPL DATE 02-03-05
SPL DATE 12-21-04
SCH
PC# C101148799

CUST #
PROJECT# 111200
CUST# 10206

PAGE 3

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



3 210 00 CCA/BLACK BOX ASSY AREA 1.3300 1 5300 1.3300
BOARD MARKING

* PROCESS PER CAA STEP 3.

DATE	QTY	REMARKS	STATUS
2-7-05	1		OK



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

* PROCESS PER CAA STEP 4.

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

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



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

* PROCESS PER CAA STEP 5

* RECORD SOLDER PASTE DATA BELOW:

QC# FOR 213R EXPIRATION DATE 7/1/05

DATE	QTY	REMARKS	STATUS
2-7-05			OK

2-7-05 .0064
 2-7-05 .0063
 2-7-05 .0065
 2-7-05 .0064
 2-7-05 .0064
 2-7-05 .0066
 2-7-05 .0063
 2-7-05 .0066

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

.../PWS-LAT-DS-01646
CLA: BLAST, TRM

WO# 110714
DATE 02-03-08
DATE 10-01-08
PWS 0000046700

COST #
PROJECT #
COST #
COST #

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



6 213 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 1682 U4 1781 U5 1674 U6 1664
 FN-23 U54 1805 U55 1815 U56 1794 U57
 U58 1820 U59 1728 U60 1734 U61 1824

DATE	QTY	REMARKS	STATUS
2-9-05	1		TR



7 213 20 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		TR



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 EA-24)

DATE	QTY	REMARKS	STATUS
2/9/05	1		TR

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 4

ENR LAT-DS-01944
SLAC, TSM

WOM 112014
REQ DATE 03-03-05
REL DATE 12-21-04
ROW
PCW 0000048799

CURT #
CITY 1
PROJECT# 417800
CUST# 18388

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



9 290 00 QUALITY ASSURANCE AREA 0.4400 0.4400 0.4400
OP# SDDR-0163 ASSY-5203

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

CR#: 81 29537

DATE	QTY	REMARKS	STATUS
2/19/05	1	114	



10 310 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
PRE-WAVE BAKEOUT

* PROCESS PER CAA STEP 10
BAKE DATE 4/05 4/1/05 START: 7:15 STOP: 9:15

DATE	QTY	REMARKS	STATUS
4/1/05	1		1337



11 317 00 CCA/BLACK BOX ASSY AREA 2.4000 2.4000 2.4000
THRU-HOLE INSTALL

* PROCESS PER CAA STEP 11.
* RECORD ASSIGNED TOOLS USED, AND CAL DUE DATE, BELOW
TOOL # GTC-A-972 CAL DUE DATE 8/05 GTC-E-944 (ASG BOT)

DATE	QTY	REMARKS	STATUS
2/1/05	1		1337



12 310 00 WAVE/SOLDER 0.8000 0.8000 0.8000
WAVE SOLDER

* PROCESS PER CAA STEP 12
DATE 4/14/05 QTY 1 REMARKS 3075 + 13W STATUS 461234
4-14-05 1 H

WORK CELL: 4-MIXED

CUSTOMER: FLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NFM

PAGE 5

WIP: SAT-DS-01644
A. 50007. TEM

WOB 112214
WBO DATE 12-03-05
WOL DATE 12-01-05
WOL 0000048799

CUST P#
QTY
PROJECT# 111200
CUST# 10356

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



13 010 00 WAVE/SOLDER
SQUBBOOS CLEAN 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 13

DATE	QTY	REMARKS	STATUS
4/4/05	1		1362



14 200 30 QUALITY ASSURANCE AREA
OP#-SICR-600 ASSY-55 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 14.

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

DRR#(S) 30572

DATE	QTY	REMARKS	STATUS
4/5/05	1		1362



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

* PROCESS PER CAA STEP 15

DATE	QTY	REMARKS	STATUS
4/5/05	1		1337



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

* PROCESS PER CAA STEP 16.

DATE	QTY	REMARKS	STATUS
4/5/05	1		1337

WORK CELL: 1-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER: NEW

PAGE 4

4/PNS CAT-05-01040
CAA: GLAST. TEM

WCR# 000004
REQ DATE 02-23-05
REQ DATE 12-21-04
PC# 0000045730

CUST PR 001
PROJECT# P17000
CUST# 15965

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

17 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OP# SLPB-300 ASSY-0

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

DRAW(S): 5/N114

DATE	QTY	REMARKS	STATUS
<u>4/2/04</u>	<u>1</u>		<u>OK</u>

18 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
POST WAVE ASSY-FPGA6

- PROCESS PER CAA STEP 18.
- ADHESIVE PCT 31450 EXP. DATE: 5/17/05
FPGA SERIAL #'S: U45 40367 U62 50151

DATE	QTY	REMARKS	STATUS
<u>5/4/05</u>	<u>1</u>		<u>OK</u>

19 010 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
SOLDER FPGA LEADS

- PROCESS PER CAA STEP 19.

DATE	QTY	REMARKS	STATUS
<u>5/5/05</u>	<u>1</u>		<u>OK 1337</u>

20 020 00 COMPLACK SIX ASSY AREA 0.0000 0.0000 0.0000
POST WAVE ASSY-DI, DA, DB

- PROCESS PER CAA STEP 20.

DATE	QTY	REMARKS	STATUS
<u>5/5/05</u>	<u>1</u>		<u>OK 1337</u>

WORK CELL 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER: NEW

PAGE 7

4/TNS LAT-DS-01466
CAA, CLART, TEM

WOB 112004
WOB DATE 02-04-08
WOB DATE 12-01-04
PCH 000045799

CUST P# 1
CUST QTY 1
PROJECTS 1312000
CUST# 1312000

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



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

* PROCESS PER CAA STEP 21

DATE	QTY	REMARKS	STATUS
5/5/05	1	S/N 114	1337



22 210 00 CCA/BLACK BOX ASSY AREA
ALUMINUM CLEAN 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 22

DATE	QTY	REMARKS	STATUS
5/5/05	1		V.G. 1337



23 290 00 QUALITY ASSURANCE AREA
CPRT SLDR-217 ASSY-230 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 23

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

ERR#(S)

DATE	QTY	REMARKS	STATUS
5/6/05	1		FAIL



24 240 00 SPEA 107
SPEA 0707 0.0100 0.0100 0.0100

* PROCESS PER CAA STEP 24

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

TEST#(S)

DATE	QTY	REMARKS	STATUS
5-6-05	1	GT114	Pass

WORK CELL: 4-MIXED

CUSTOMER: ELAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 9

ITEM: 1AT-DS-01640
CAA: START, TEM

MO# 112014
REQ DATE 04-03-05
EST. DATE 12-31-04
PC# 0000048799

CUST QTY 1
PROC QTY 1
CUST# 18354

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



LINE	DEPT	MACH#	OP#	DESCRIPTION	SET-UP	RUN	HOURS	LINE-MACH	ST-LOT
05	010	00		CAA/BLACK BOX ASSY AREA INSTALL CONNECTOR-90-DEK SLDR-CONN J1-ROW 1-CHECK			13.8300 14.8300 15.8300		
				SLDR-CONN J1-ROW 2-CHECK					
				SLDR-CONN J1-ROW 3-CHECK					
				SLDR-CONN J1-ROW 4-CHECK					

MC 1331 5/10/05 5/10/05
MC 1337 5/10/05 5/10/05
MC 1337 5/14/05 5/13/05
MC 1337 5/10/05

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

TOOL = GTC-944 CAL USE DATE 8/05

DATE	QTY	REMARKS	STATUS
<u>5/10/05</u>	<u>1</u>	<u>S/N 114</u>	<u>MC 1337</u>



LINE	DEPT	MACH#	OP#	DESCRIPTION	SET-UP	RUN	HOURS	LINE-MACH	ST-LOT
06	010	00		QUALITY ASSURANCE AREA CPE: SLDR-325 ASSY-425			5.8800 5.6800 5.0800		

- PROCESS PER CAA STEP 26
- RECORD DEFECT RECORD NUMBER(S) BELOW

DEF#(S): _____

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

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELER * NEW

PPN# LAT-DS-01648
SLA# GLAST. TEM

WOM# 112014
WMO# DATE 02-03-05
WMI# DATE 12-21-04
WOW# 2000146790

CUST P#
PROJECT#
CUST#

PAGE 2

QTY 1
100000
100000

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



27 280 00 COATING/POTTING AREA
POTTING/STAKING 0.6000 0.6000 0.6000

* PROCESS PER CAA STEP 27.

* RECORD MATERIAL DATA BELOW.

ADH DCS-1074: GTC FOR 31695 EXPIRATION DATE 8-21-05
ADH V 0122: GTC FOR 31403 EXPIRATION DATE 1-31-07

0191 ADHESIVE MIX RECORD (RECORD PER BATCH)

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

RESIN WGT: 6.5g _____

HARDENER WGT: 2.0g _____

CURE DATE: 5-13-05 START: 7:50 STOP: 8:50

DATE... QTY... REMARKS... STATUS
5-13-05 | 1 | oven cured @ 120°F | P.D. 1746



29 290 00 QUALITY ASSURANCE AREA
OP# SLDX-0 ASSY-104 0.1000 0.1000 0.1000

* PROCESS PER CAA STEP 29.

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

DR#(S)

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



28 280 01 SOURCE INSPECTION
MIP - PLAC CAR INSPECTION
BEFORE SHIPMENT TO SLAC. 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 29

* PLEASE RETURN CCA TO CA FOR SHIPMENT.

DATE... QTY... REMARKS... STATUS
5/16/05 | 1 | GLAT 176.5 | _____



WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 13

/INS LAT-05-01644
W.A. SLAC, TEM

WO# 112014
REV. DATE 03-03-05
REV. DATE 12-21-04
REV. DATE 0000048799

CUST. #
PROJECT #
CUST. #
CUST. #

LI: DEPT MACH: OP# DESCRIPTION..... SET-UP... R O U N D... LINE-MACH ST:LOT:



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

* PROCESS PER CAA STEP 30

DATE	QTY	REMARKS	STATUS
5/19/05	1		SC-1587



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

* PROCESS PER CAA STEP 31.

** RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

RR#(S)

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

DATE	QTY	REMARKS	STATUS
6/6/05	1		



32 299 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
SLAC COA PRE-COAT INSP.
MANDATORY INSPECTION
POINT

* PROCESS PER CAA STEP 32.

DATE	QTY	REMARKS	STATUS
6.7.05	1	GLAT 1765	



WORK CELL: 1-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

1/ENR CAT-DS-21040
CAA, GLASS, TEM

W# 112014
REQ DATE 03-03-05
REL DATE 12-21-04
R#
P# 0000048799

CUST #
PROJECT # 117300
CUST# 15154

PAGE 11

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



33 310 01 CCA/BLACK BOX ASSY AREA
ALCOHOL/DI CLEAN AND TEST
THE CLEANLINESS OF CCA. 0.0000 0.0000 0.0000

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

DATE	QTY	REMARKS	STATUS
6/2/05	1		SM1262
6-9-05	1	passed	PO



34 250 00 QUALITY ASSURANCE AREA
CPE: FLDR-C ASSY-11 0.0000 0.0000 0.0000

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

DATE	QTY	REMARKS	STATUS
6/8/05	1		



35 150 00 COATING/POTTING AREA
MASK & CONFORMAL COATING 0.0000 0.0000 0.0000

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

RECORD BAKE DATE-TIME START/STOP BELOW.
BAKE DATE: 6-8-05 START: 12:10 STOP: 1:30

DATE	QTY	REMARKS	STATUS
6-8-05	1	Bake & Mask	PO

WORK CELL: 4-MIXED

CUSTOMER: BLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PN# LAT-DS-11646
C/A. G/AST. TEM

WOB# 1122014
WABO# DATE 02-03-03
WOL# DATE 12-21-04
WOB# 0000046799

CUST.#
PROJECT#
CUST.#

PAGE 02

LINE DEPT MACH# OP# DESCRIPTION..... SET-UP R/LN H D U R S
LINE-MACH ST-LOC.



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

* PROCESS PER CAA STEP 36.

CONFORMAL COAT MATERIAL PO#: 31201

EXP. DATE: 6/30/05

TWO (2) HOUR AIR CURE BEFORE OVEN BAKE!

DATE: 6-8-05 START: 3:35 STOP: 6/9/05 6:25 AM

DATE: 6/8/05 QTY: 1 REMARKS: COAT STATUS: Dm/1035



37 240 00 COATING/POTTING AREA
TOUCHUP / CURE-OVEN BAKE 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 37.

FIRST BAKE DATE: 6/9/05 START: 6:25 AM STOP: 7:35 AM

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

DATE: 6/9/05 QTY: 1 REMARKS: T.U. & BAKE STATUS: Dm/1035

WORK CELL- 4-MIXED

CUSTOMER- SIAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 14

ENG LAT-DS-01814
CWA, PLANT: 15M

NO# 111014
BASED ON 12-00-00
BASED ON 12-01-00
BASED ON 12-01-00
0000018789

CUST Q#
FROM INCH 4
CONTR# 1011211
CONTR# 1011211

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



38 290 CC QUALITY ASSURANCE AREA 0.5000 0.0000 0.5000
CPE: SMDR-0 ASSY-95

- * PROCESS PER CAA STEP 35
- ** RECORD DEFECT RECORD REPORT NUMBER(S) BELOW
- DEF#(S):

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

- MATERIAL CERTIFICATIONS...
- SPR TEST DEFECT REPORTS...
- INSPECTION DEFECT REPORTS...
- NON CONFORMANCE REPORTS...
- NON CTO-123 (DOC REV RECORD)...
- NO LOTS REPORT...
- DIGITAL PHOTOGRAPHS, RECORDED ONTO CD...

DATE	QTY	REMARKS	STATUS
6/9/05	1		



39 290 CC SOURCE INSPECTION 0.0000 0.0000 0.0000
CSI

- * PROCESS PER CAA STEP 39
- NOTE: NEXT ASSEMBLY IS LAT-DS-01481.
- ** PLEASE RETURN INSPECTED CCA TO QA UPON COMPLETION **

DATE	QTY	REMARKS	STATUS
6/9/05	1	GLAT 1765	

ASSEMBLY # : LAT-DS-01648
WANT # : 1
LOCATION : W02

BY LINE ITEM

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

DATE PULLED: _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS QUANTITY	RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL			BIN
									QUANTITY	LOT	DATE	
1	LAT-DS-01649 PWR. TEM ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	120299	SKCF2 FN-D1	120299	18.00	09-11-07		1
2	LAT-DS-01676 PWR. TEM ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	114784	SKCF2 FN-D6	114784	18.00	06-19-07		1
3	LAT-DS-01011 PIN CONNECTOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114785	SKCF2 FN-D7	114785	38.00	06-19-07		2
4	MS2152N02-6 WREN ORIGINAL QUANTITY...	EA	26.00	RSVD	26.00	114786	SKCF2 FN-D3	114786	540.00	09-23-04		26
5	LAT-DS-01552 PWR. TEM ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114787	SKCF2 FN-D4	114787	38.00	09-23-04		2
6	MS21987-13 WREN, PHND, 4-40 X ORIGINAL QUANTITY...	EA 25	2.00	RSVD	2.00	93945	SKCF2 FN-D10	93945	291.00	11-24-03	CSF	2
			2.00				FN-D10	114788	78.00	09-23-04		2
	MS2620-C1 FLATWASHER ORIGINAL QUANTITY...	EA	52.00	RSVD	52.00	114789	SKCF2 FN-D2	114789	1052.00	09-23-04		52
8	MS24671-2 WREN ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114790	SKCF2 FN-D8	114790	64.00	09-23-04		4
9	MS2671-C2 WREN ORIGINAL QUANTITY...	EA	26.00	RSVD	26.00	114791	SKCF2 FN-D4	114791	520.00	09-23-04		26
10	LAT-DS-01688 ASSY. CABL CONN. TEM ORIGINAL QUANTITY...	EA	1.00	BO	1.00		SKCF2 FN-D9	25 J1	0.00			1
11	0151 ADHESIVE; NYSC, 402 KIT ORIGINAL QUANTITY...	OZ	1.00	BO	1.00		SKCF2 FN-D11		0.00			1
12	0112548 RTV, NYSC, TECH ORIGINAL QUANTITY...	OZ	1.00	BO	1.00		SKCF1 FN-D14		0.00			1
13	0750 ORIGINAL BONDING URETHANE ORIGINAL QUANTITY...	OZ	1.00	BO	1.00		SKCF2 FN-D13		0.00			1

ASSEMBLY # 1 LAP-DS-01548
PLANT: 1
LOCATION: W02

BY LINE ITEM

ACTIVITY DATE: 02-03-06
PRINT DATE: 12-01-04
PRINTED: 09-04-06

DATE FILLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS	RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL	LOT QUANTITY	LOT DATE	BIN/LOC	QUANTITY
14	DCS-1104 ADHESIVE ORIGINAL QUANTITY...	OZ	1.00	RSVD	1.00		SKCF1 FN-D14			0.00			0-C
15	CWR11FH10SKDB CAPACITOR ORIGINAL QUANTITY...	EA	36.00	RSVD	36.00	120284	SKCF2 FN-3	120284 120285 120286 120287 120288 120289 120290 120291 120292 120293 120294 120295 120296 120297 120298 120299 120300			12-16-04		360
16	CWR11FH475KDB CAPACITOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	120285	SKCF2 FN-3	120285 120286 120287 120288 120289 120290 120291 120292 120293 120294 120295 120296 120297 120298 120299 120300		2000.00	12-16-04		2
17	CDR33BK470KJUS CAPACITOR ORIGINAL QUANTITY...	EA	53.00	RSVD	53.00	114799	SKCF2 FN-3	114799 114800 114801 114802 114803 114804 114805 114806 114807 114808 114809 114810 114811 114812 114813 114814 114815 114816 114817 114818 114819 114820		2235.00	09-23-04		53
18	CWR00FC474KDB CAPACITOR ORIGINAL QUANTITY...	EA	49.00	RSVD	49.00	114900	SKCF2 FN-3	114900 114901 114902 114903 114904 114905 114906 114907 114908 114909 114910 114911 114912 114913 114914 114915 114916 114917 114918 114919 114920					49
19	CDR31BK472BKUS CAPACITOR ORIGINAL QUANTITY...	EA	249.00	RSVD	249.00	114801	SKCF2 FN-3	114801 114802 114803 114804 114805 114806 114807 114808 114809 114810 114811 114812 114813 114814 114815 114816 114817 114818 114819 114820		5014.00	09-23-04		249
20	1210W60K1815VHM CAPACITOR ORIGINAL QUANTITY...	EA	16.00	RSVD	16.00	114803	SKCF2 FN-3	114803 114804 114805 114806 114807 114808 114809 114810 114811 114812 114813 114814 114815 114816 114817 114818 114819 114820			09-23-04		16
21	MCR-1051-181 CONDENSER ORIGINAL QUANTITY...	EA	9.00	RSVD	9.00	114803	SKCF2 FN-3	114803 114804 114805 114806 114807 114808 114809 114810 114811 114812 114813 114814 114815 114816 114817 114818 114819 114820		160.00	09-23-04		9
22	MCR-1058-181 CONDENSER ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114804	SKCF2 FN-3	114804 114805 114806 114807 114808 114809 114810 114811 114812 114813 114814 114815 114816 114817 114818 114819 114820		80.00	09-23-04		4
23	5967-8759406XA 100W1889VH-2 2 NSC ORIGINAL QUANTITY...	EA	3.00	RSVD	3.00	114805	SKCF2 FN-3	114805 114806 114807 114808 114809 114810 114811 114812 114813 114814 114815 114816 114817 114818 114819 114820		60.00	09-23-04		3
24	JANTYV1N6183UR-1 DIODE ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114806	SKCF2 FN-10	114806 114807 114808 114809 114810 114811 114812 114813 114814 114815 114816 114817 114818 114819 114820		40.00	09-23-04		2
										150.00	09-27-04		

ASSEMBLY : LAT-DS-01646
LOCATION : 802

BY LINE ITEM

EFFECTIVITY DATE : 02-23-04
RELEASE DATE : 12-11-04
DATE PRINTED : 02-24-04

DATE PULLED:

PULLED BY:

LIP	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS			INVLOC	LOT NUMBER	INVENTORY DETAIL			BIN
			REQUIRED QUANTITY	CURS STAT	STATUS QUANTITY			RESV IN LOT #	LOT QUANTITY	LOT DATE	
25	SK0052 FUSE, RAYCHEM/POLYSMICH ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114807	SK002 FN-12	72 74 76 78 PULLED:	100.00	09-23-04	4
26	SK0075 ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114806	SK002 FN-13	73 75 77 79 PULLED:	100.00	09-24-04	4
27	MAX145ADUA IC ORIGINAL QUANTITY...	EA	36.00	RSVD	36.00	120286	SK003 FN-14	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 PULLED:	481.00	12-10-04	36
							SK003 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 PULLED:	224.00	09-23-04	
28	MAX911AEE IC ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114810	SK003 FN-16	U1 U2 U3 U4 U5 U6 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 PULLED:	47.00	09-23-04	2
29	LAT-DG-03885 IC ORIGINAL QUANTITY...	EA	1.00	BO	1.00		SK002 FN-17	U45 PULLED:	0.00		0
30	LAT-DS-03894 IC ORIGINAL QUANTITY...	EA	1.00	BO	1.00		SK002 FN-18	U52 PULLED:	0.00		0
31	LAT-TD-01814 IC ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114813	SK002 FN-19	U3 U4 U5 U6 PULLED:	62.00	09-23-04	4
32	5962R958101VXC IC ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	114814	SK002 FN-20	U53 PULLED:	32.00	09-23-04	1
33	5962R785203QYC IC ORIGINAL QUANTITY...	EA	5.00	BO	5.00		SK002 FN-21	U46 U47 U48 U49 U50 PULLED:	0.00		0
34	LAT-TD-01812 IC ORIGINAL QUANTITY...	EA	8.00	RSVD	8.00	114816	SK003 FN-22	U54 U55 U56 U57 U58 U59 U60 U61 PULLED:	102.00	09-23-04	8
35	H0705CEX000 THICK FILM JUMPER ORIGINAL QUANTITY...	EA	151.00	RSVD	151.00	114817	SK003 FN-23	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	M55340K0681800R RESISTOR,CHIP 100K, 1% OH ORIGINAL QUANTITY...	EA	55.00	RSVD	55.00	114818	SK003 FN-24	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

WORK ORDER # 112014

(NEW)

WORK ORDER PICK LIST

PAGE: 4

WORK CENTER: 112014-01940
LOCATION: WC2

BY LINE ITEM

INSPECTIVITY DATE: 02-02-05
REVISION DATE: 02-02-05
DATE PRINTED: 02-02-05

DATE PULLED: _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UOM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS	RESV IN LOT #	INVOIC NUMBER	LOT	INVENTORY DETAIL	DATE	BIN	QUANTITY
36	M55142K0681E00R RESISTOR,CHIP,100W,1K OH	EA	55.00									
Cont from prior page.												
37	M55142K0681E00R RESISTOR,CHIP,100W,1M OHM ORIGINAL QUANTITY	EA	2.00	RSVD	2.00	114819			590.00	09-23-04		
38	M55142K0681E00R RESISTOR ORIGINAL QUANTITY	EA	2.00	RSVD	2.00	114820			138.00	07-23-04		
39	M55142K0682D01R RESISTOR	EA	205.00	RSVD	205.00	114821						
	ORIGINAL QUANTITY		205.00									
	M55142K0681E00R RESISTOR,CHIP,100W,100 OH	EA	60.00	RSVD	60.00	114822						
	ORIGINAL QUANTITY		60.00									
41	M55142K0681E00R RESISTOR,CHIP,100W,100K	EA	50.00	RSVD	50.00	114823						
	ORIGINAL QUANTITY		50.00									
42	M55142K0682C00R RESISTOR ORIGINAL QUANTITY	EA	3.00	RSVD	3.00	114824			192.00	09-23-04		
	S111816-0987RS THERMISTOR, 30K ORIGINAL QUANTITY	EA	2.00	RSVD	2.00	114825			38.00	09-23-04		
44	5962K916E0103QVC	EA	1.00	RSVD	1.00	120289			60.00	12-16-04		

ORIGINAL QUANTITY... 4.00

FULLED:
114926
FN-01 US9 US0 US1 US2
FULLED:

4.00 09-23-04 DRY-10



WORK ORDER : 112014

(NEW)

WORK ORDER PICK LIST

PAGE: 5

ASSEMBLY # : 1A7-DS-01646
QUANTITY : 1
LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE: 09-03-04
RELEASE DATE: 09-01-04
DATE PRINTED: 09-04-06

DATE FILLED: _____

FILLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS		INVL0C NUMBER	INVENTORY DETAIL				
					STAT QUANTITY	RESV IN LOT #		LOT QUANTITY	LOT DATE	BIN	INLOC QUANTITY	
45	M55342K0684SD9R RESISTOR,CHIP,100W,49.9 ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114827	SKCF2 114827 FN-14 R048 R049 R650 R651 FILLED:	234.00	09-23-04			
			4.00				FN-14 R048 R049 R650 R651 FILLED:	17.00	03-29-00	CF3D		4 ✓
46	M55342K0981FC0R RESISTOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114828	SKCF2 114828 FN-17 R191 R192 FILLED:	88.00	09-23-04			
			2.00				FN-17 114909 R191 R192 FILLED:	229.00	09-27-04			2 ✓
47	M55342K0685B11R RESISTOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114829	SKCF2 114829 FN-30 R042 R043 FILLED:	240.00	09-23-04			
			2.00				FN-30 114983 R042 R043 FILLED:	255.00	09-27-04			2 ✓
48	M55342K06810E0R RESISTOR,CHIP,100W,10K 0 ORIGINAL QUANTITY...	EA	23.00	RSVD	23.00	114830	SKCF2 114830 FN-11 R145 R146 R147 R148 R149 R150 R151 R167 R168 R171 R172 R173 R174 R175 R176 R040 R041 R038 R049 R750 R751 R752 R753 FILLED:	618.00	09-23-04	CF3D		
			23.00				FN-11 114947 R145 R146 R147 R148 R149 R150 R151 R167 R168 R171 R172 R173 R174 R175 R176 R040 R041 R038 R049 R750 R751 R752 R753 FILLED:	657.00	09-27-04			23 ✓
							FN-11 01324 R145 R146 R147 R148 R149 R150 R151 R167 R168 R171 R172 R173 R174 R175 R176 R040 R041 R038 R049 R750 R751 R752 R753 FILLED:	66.00	09-24-03			



General Technology Corporation

CONFORMAL COATING DATA SHEET

CCA PIN: LAT-DS-01646 GLAT 1765 GT114

W.O. #: 112014

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

Date: 6/8/05

MIX RATIOS

Coating TYPE: ARATHANE Mfr: HUNTSMAN

Lot Number: AKAGB8013A Expiration Date: 6/30/05

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

AIR CURE: 6/8/05 3:35 PM

OVEN CURE: 6/9/05 6:25 AM - 7:35 AM

REWORK TRAVELER

SO NO: F17300	PART NO: SLAC LAT-DS-01646	REV: 56
---------------	----------------------------	---------

ASSEMBLY NAME: TEM CCA	QTY: 1
------------------------	--------

Original signed editions reserved for copying

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

STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	Record serial numbers: TEM LAT-DS-01646 SN GT-114 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.	AL	4/21/05	2:00
3	AQUEOUS CLEAN USING RECIPE #3	1537	4/21/05	
4	INSPECTION: INSPECT FOR BOARD CLEANLINESS. NO SOLDER BALLS ALLOWED.	1537	4/21/05	
5	SOURCE INSPECTION	LAT TO QA	5/5/05	



DEFECT RECORD REPORT

ID: 30512
 PART NUMBER: LAT-DS-01645
 WORK ORDER: 112014
 SALES ORDER: FV7200
 INSPECTION TYPE: HARDWARE
 INSPECTION LEVEL: 1
 INSPECTOR: EMARTINEZ
 QUANTITY: 1 RW QTY: 1
 CUSTOMER: SLAC
 OFE SOLDER: 600
 OFE ASSEMBLY: 55
 DATE: 4/5/2005
 WEEK CODE: 16

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
114	1	692	S406		EXCESS SOLDER	JT2	
114	1	692	S406		EXCESS SOLDER	JC3	
114	1	692	S413		BRIDGING	JC1	

1337
 4/5/05

7/5/05
 (STC) (SR) (DA)

DEFECT RECORD REPORT

ID: 29537

PART NUMBER: LAT-DS-01646

WORK ORDER: 112014

SALES ORDER: F17200

QUANTITY: 1 RW QTY: 1

CUSTOMER: SLAC

INSPECTION TYPE: 1ST SOLDER INSPECTIO

INSPECTION LEVEL: 1

INSPECTOR: HUBBARD

OFF SOLDER: 4163

OFF ASSEMBLY: 5203

DATE: 2/22/2005

WEEK CODE: 9

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
114	1	1829	S402		INSUFFICIENT SOLDER	U54 ✓	
114	1	1829	S402		INSUFFICIENT SOLDER	U40 ✓	PIN 5
114	1	1829	S414		SOLDER BALLS		

Handwritten: 29537
2/23/05

Handwritten: 9/1/05

DEFECT RECORD REPORT

ID: 29537
 PART NUMBER: LAT-DS-01646
 WORK ORDER: 112014
 SALES ORDER: F17200
 INSPECTION TYPE: 1ST SOLDER INSPECTION
 INSPECTION LEVEL: 1
 INSPECTOR: HUBBARD
 OFFICE SOLDIER: 4163
 OFFICE ASSEMBLY: 5203
 DATE: 2/22/2005
 WEEK CODE: 9
 K.H. 2/27/05
 RW QTY: 1
 CUSTOMER: SLAC

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
114	1	1829	A336		MIS REGISTRATION	F2	
114	1	1829	A341		COPLANARITY / LEAD NOT SEATED PROPE	U46	PIN 5,8
114	1	1829	A343		INCOMPLETE PAPERWORK	SEQ 8	
114	1	1829	A366		COMP. MOUNTED WRONG SIDE UP	R43	
114	1	1829	A385		SOAP RESIDUE		
114	1	1829	S402		INSUFFICIENT SOLDER	U57	
114	1	1829	S402		INSUFFICIENT SOLDER	U11	PIN 5,8
114	1	1829	S402		INSUFFICIENT SOLDER	U3	
114	1	1829	S402		INSUFFICIENT SOLDER	U56	
114	1	1829	S402		INSUFFICIENT SOLDER	U4	
114	1	1829	S402		INSUFFICIENT SOLDER	U55	
114	1	1829	S402		INSUFFICIENT SOLDER	U5	
114	1	1829	S402		INSUFFICIENT SOLDER	U59	
114	1	1829	S402		INSUFFICIENT SOLDER	U58	
114	1	1829	S402		INSUFFICIENT SOLDER	U60	
114	1	1829	S402		INSUFFICIENT SOLDER	U6	
114	1	1829	S402		INSUFFICIENT SOLDER	U61	

1357
2/29/05



WESTEK

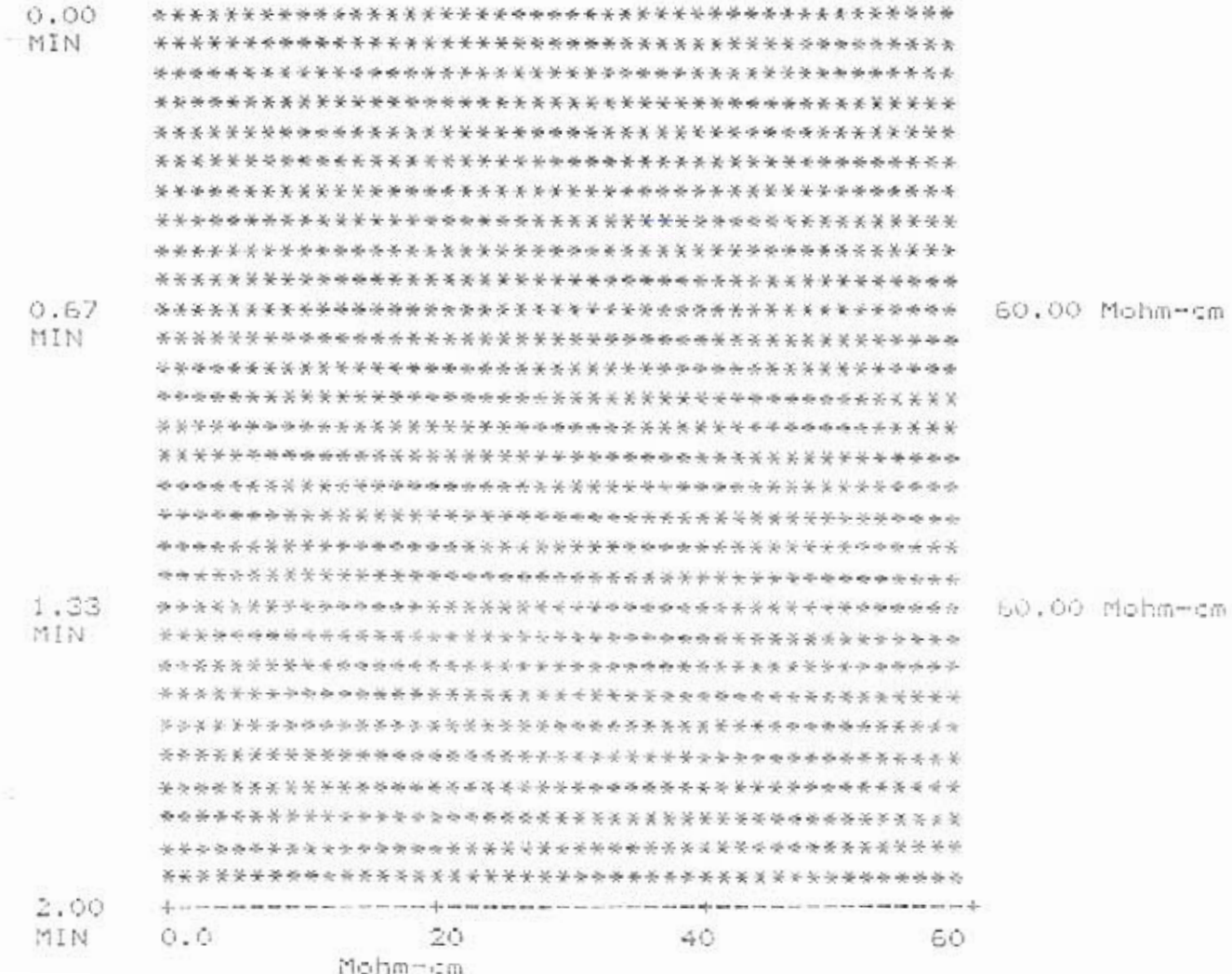
Operator :J.C.
06/08/05
09:39:43

Test Type : Auto
Test name : 'Manual Test'
Board # GT114 has P A S S E D

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

Initial Resistivity : 60.00 Mohm-cm
NaCl Equivalence (Final) : 0.58 ug/sq in

TIME vs RESISTIVITY



WORK CELL: 4-MIXED

CUSTOMER: SLAC

TS PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

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

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

CUST P#
CITY 19
PROJECT# 217200
CUST# 16356

*SERIAL NUMBER LISTING:-----

APPROVAL
PROD: *GH 2/4/05*
QA: *ghm 2-4-05*

N/A

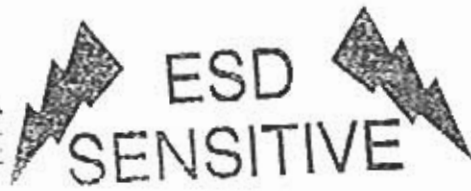
WORKMANSHIP:-----

ANSI-Z-39.5-2001 CLASS 3; OTHER:
(DEFAULT WORKMANSHIP UNLESS INDICATED OTHERWISE, ABOVE)

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

(wshdr rev 05.19.04 gih)-----

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



1 200 00 CONFIG RECORD/SETTING 0.0000 0.0000 0.0000
CONFIG

***** CONFIGURATION DOCUMENTS *****
 DOCUMENT NUMBER REV PD/PL OUTSTANDING EC'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)/PREP'D BY: GH (DATE) DATE: 02.02.05

DATE	QTY	REMARKS	STATUS
<i>2-4-05</i>	---	---	<i>ghm</i>
---	---	---	---
---	---	---	---

WATT CELL: 4-MIXED

CUSTOMER: SLAC

1. PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

ASSY/PN# LAT-DS-02888
ASSY, CABLE, CONN, TEM

WOS# 112026
REQ DATE 02-04-05
REL DATE 01-31-05
SOP#
PC# 0000048759

CUST P#
QTY 16
PROJECT# W17200
CUST# 10356

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



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

* WIRE, CRIMP PINS, AND CONNECTOR.

QTY	REMARKS	STATUS
2105	PH	

MSY CELL: 4-MIXED

CUSTOMER: SLAC

PRODUCTION

WORK ORDER TRAVELLER - NEW

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

MO# 112026
REQ DATE 02-04-05
REL DATE 01-31-05
SOL
PC# 0000048739

CUST #
QTY 19
PROJECT# P17200
CUST# 15356

PAGE 3

Step 1-4
1337
4/26/05
move to start as 3A
Jeth

LINE DEPT MACH# OF# DESCRIPTION... HOURS
SET-UP RIN... 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

cut

CRIMP TEST SETUP - GTC-2081.

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

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

USE SCHEMATIC PNEUMATIC WIRE STRIPPER SET UP WITH
24 AMP STRIP BLADES, A STRIP LENGTH OF 1/4" AND LEAVES THE INSULATION SLOG IN PLACE.

PRE-ASSY CRIMP TEST...

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

CRIMP TEST: BY: stats DATE: 2/9/05 STATUS: Pass

Equipment CHANGE: EUBANKS
3/16" strip length to 1/4"
Pass Crimp Tensile Strength Sheet attached

ASSEMBLY ACTIVITY...

- 1) FEED WIRE DIRECTLY OFF THE SPOOL TO THE STRIPPER.
- 2) STRIP THE INSULATION LEAVING THE SLOG. (1.125" - 1.25")
- 3) CUT THE WIRE OFF AT THE INDICATED LENGTH, AND QUANTITY.
CUT 39 PIECES TO 1-1/8" (1.125" LONG. USE PROGRAM # 89)
- 4) STRIP SECOND END USING THERMAL TWEZERS, 3/16"
- 5) TIN SECOND END BY SOLDER DIP. CLEAN WITH ALCOHOL.
- 6) FULL INSULATION SLOG AND CRIMP CONTACT (22D) ONTO LEAD.
USE M22527/2-01 CRIMPER W/ M22520-2-09 TURRET/LOCATOR.

①②③④ - performed using S. JB
3/16" (1.19)
ON EUBANKS

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 En 1970 DATE: 2/9/05 STATUS: Pass

GTC-A-463
K42 - 7mm

2-8-05

DATE	QTY	REMARKS	STAT
2/10/05	40324	8 7/8" (39) ± 1/8" (39) 4 each	EM1970
3/16/05	8	1 1/8" (353) 1" (200) 1 5/16 (175)	H.6 #1941
3.11.05	3	1 1/8 strips	H.6 #1941

3.11.05 1 5/16 strips H6 #1941
~~3.11.05 1 5/16~~
 3.11.05 crimps 1 5/16 H6 #1941
 3-10-05 MV 1942 1" strip
 3-17-05 turning H6 #1941 1 5/16
 3-14-05 crimping 1" (46) H6 #1941
 3-14-05 crimp/tin 1 1/8 (96) H6 #1941
 3-14-05 crimp/tin 1 1/8 (235) H6 #1941
 3-14-05 crimp/tin (26) 1" H6 #1941

* pre-Asst crimp test 2.28.05 Pass H6 #1941
 pre-Asst crimp test 3.1.05 Pass H6 #1941
 " 3.2.05 Pass H6 #1941
 " 3.3.05 Pass H6 #1941
 no crimping on 3.4.05
 pre-Asst crimp test 3.5.05 Pass H6 #1941
 " 3.7.05 Pass H6 #1941
 pre-Asst crimp test 3.14.05 Pass H6 #1941

See page 3A - continued
Jeth

W 777 CELL: 4-MIXED

CUSTOMER: SLAC

1. PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 4

ASSY/FIN LAT-DS-02588
ASSY. CABLE, CONN. TEM

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

CUST #
QTY
PROJECT# 797200
CUST# 19356

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



4 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OP# SLD-78 ASSY-312

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

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



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

- * INSERT TERMINATED WIRES TO CONNECTOR.
- ... INSERT LONGER WIRES (1-⁵¹⁶) INTO HOLE NUMBERS 1 THRU ²⁰
- ... INSERT SHORT WIRES (¹⁵²) INTO HOLE NUMBERS 60 THRU 78.
- ... ASSURE CONTACT IS SEATED AND LOCKED INTO CONNECTOR.

DATE	QTY	REMARKS	STATUS
2/17/05	4		
3-16-05	2		
3-21-05	1		

strips, crimps & things 3/17/05
 8-23-05
 Insert 1/8" wires into 21 Through 59



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

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

ROUTE FOR NO CLOSURE AND DELIVERY TO NEXT ASSY LAT-DS-01646.

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

WO ORDER : 112026
 A. LY # : LAT-05-02588
 DC. QUANTITY : 19
 WIP LOCATION: W02

(NEW)
 WORK ORDER PICK LIST
 BY LINE ITEM

PAGE: 1
 EFFECTIVITY DATE: 02-04-05
 RELEASE DATE : 01-31-05
 DATE PRINTED : 02-07-05

DATE PULLED: _____ PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS	RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL		
									LOT	LOT DATE	BIN
1	206504-1 AMPLINITE 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:
 Lts 1.1 311P407-SP-B-15 1 PER
 Partial quantity replacements are allowed.

2	M22759/11-14-9 WIRE, 24AWG, WHITE ORIGINAL QUANTITY...	LN	102.00	RSVD	1938.00	115299	SKCF2 FN-1	115299	1938.00	01-01-04	
---	--	----	--------	------	---------	--------	---------------	--------	---------	----------	--

3	204370-8 PIN, CRIMP ORIGINAL QUANTITY...	EA	84.00	RSVD	1596.00	114796	SKCF2 FN-1	114796	1597.00	05-23-04	IN ASSY
							FN-1	115041	972.00	05-27-04	F17200

The following parts have been defined as alternates for 204370-8:
 Lts 1.1 G08P1 1 PER
 Partial quantity replacements are allowed.

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 1 1970	TEST DATE
CONTACT PN:	201370-8	2/09/05
WIRE PN:	M22759/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A-830)	RHODA MARMON 1970
DIE/LOCATOR PN (GTC Tool #):	M22520/02-09 (GTC-A-831)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	ALPHATRON MPF 2001 (6-17-04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

1500

CRIMP TENSILE STRENGTH LAT-DS-02588

MIL-STD-1344; METHOD 2003.1

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

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.2	13.4	13.5
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL
Type of Separation Observed			
SLIP (pull out) (a)			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)			
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)	✓	✓	✓
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)		✓ RM	✓ RM
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 #:	RHOA MARUWA 1970	TEST DATE
CONTACT PN:	204370-8	2-15-05
WIRE PN:	M22759/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A-830)	RHOA MARUWA 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)	✓	✓	✓
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)			
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)	✗	✗	
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			
SPECIAL INSTRUCTIONS (as reqd):			

1355

CRIMP TENSILE STRENGTH

LAT-05-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	1	TEST DATE
CONTACT PN:		2/15/05
WIRE PN:		TESTED BY
CRIMP TOOL PN (GTC Tool #):	(GTC-)	John Marmon
DIE/LOCATOR PN (GTC Tool #):	(GTC-)	WORK ORDER NO.
SELECTOR VALUE:		140212026
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-05-02588

MIL-STD-1344: METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1#141	TEST DATE
CONTACT PN:	704370-8	2.28.05
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC 4830)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-09 (GTC 4831)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	Alpation MPF 200A (6504) 1.18.05	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.5	13.0	12.0
PASS/FAIL (circle test result)	PASS FAIL	PASS FAIL	PASS FAIL
Type of Separation Observed			
SLIP (pull out) {a}			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) {b}		✓	
CONTACT BROKEN IN CRIMP AREA (some or all) {c}			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) {d}	✓		✓
CONTACT BROKEN OUTSIDE OF CRIMP AREA {e}			
OTHER (define) {f}			

SPECIAL INSTRUCTIONS (as reqd):

8:45 a.m.

CRIMP TENSILE STRENGTH Lot-15-02588

MIL-STD-1344: METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1#1941	TEST DATE
CONTACT PN:	204370-8	3.1.05
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC 1.830)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-09 (GTC 1.831)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	Alphatron MPF 200A (6/2/04) 11805	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

7:42 a.m. **CRIMP TENSILE STRENGTH** Lot-DS-02589
 MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE-PROD	POST-PROD
CRIMP OPERATOR NAME/EMP #:	Harje 6127 127941	TEST DATE
CONTACT PN:	204370-8	33.05
WIRE PN:	M22799 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22501 2-01 (GTC 1-830)	Harje 6127
DIE/LOCATOR PN (GTC Tool #):	M22520 2-01 (GTC 1-831)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	Aldutay MPF 2001 11-17-04 16-17-04	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.5	13.6	13.4
PASS/FAIL (circle test result)	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):

9.501.1c

CRIMP TENSILE STRENGTH

Lot- DS-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):

PRE - PROD

POST - PROD

CRIMP OPERATOR NAME/EMP #: *Herbie Gray 1#1941*

CONTACT PN: *204370-8*

WIRE PN: *M22759 / 11-24-9*

CRIMP TOOL PN (GTC Tool #): *M22520 / 2-01 (GTC 4102)*

DIE/LOCATOR PN (GTC Tool #): *M22520 / 2-09 (GTC 4831)*

SELECTOR VALUE: *3*

TEST EQUIP # (Last CAL date): *Adaptor MPF 20A (6.17.04)*

TEST DATE
3.6.05

TESTED BY
Herbie Gray

WORK ORDER NO.
112026

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

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>13.4</i>	<i>13.2</i>	<i>13.4</i>
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL

Type of Separation Observed

SLIP (pull out) {a}			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) {b}			<i>✓</i>
CONTACT BROKEN IN CRIMP AREA (some or all) {c}			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) {d}	<i>✓</i>	<i>✓</i>	
CONTACT BROKEN OUTSIDE OF CRIMP AREA {e}			
OTHER (define) {f}			

SPECIAL INSTRUCTIONS (as reqd):

8:50 A.M.

CRIMP TENSILE STRENGTH Cat. 05-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<u>PRE - PROD</u>	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1#1941	TEST DATE
CONTACT PN:	204370-8	3.7.05
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-d (GTC A.630)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-09 (GTC A.851)	WORK ORDER NO.
SELECTOR VALUE:	3	117026
TEST EQUIP # (Last CAL date):	Alphatron MPF700A (1-18-05)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

CRIMP TENSILE STRENGTH (cat 15-0258)

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE PROD	POST - PROD						
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1#1941	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>TEST DATE</td><td>3/4/05</td></tr> <tr><td>TESTED BY</td><td>Herbie Gray</td></tr> <tr><td>WORK ORDER NO.</td><td>112026</td></tr> </table>	TEST DATE	3/4/05	TESTED BY	Herbie Gray	WORK ORDER NO.	112026
TEST DATE	3/4/05							
TESTED BY	Herbie Gray							
WORK ORDER NO.	112026							
CONTACT PN:	204370-8							
WIRE PN:	M22759 / 11-24-9							
CRIMP TOOL PN (GTC Tool #):	M22759 / 2-01 (GTC # 102)							
DIE/LOCATOR PN (GTC Tool #):	M22759 / 7-01 (GTC # 836)							
SELECTOR VALUE:	3							
TEST EQUIP # (Last CAL date):	HA (10/11) 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	12.9	13.2
PASS/FAIL (circle test result)	PASS FAIL	PASS FAIL	PASS FAIL
	Type of Separation Observed		
SLIP (pull out) {a}			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) {b}			
CONTACT BROKEN IN CRIMP AREA (some or all) {c}			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) {d}	✓	✓	✓
CONTACT BROKEN OUTSIDE OF CRIMP AREA {e}			
OTHER (define) {f}			

SPECIAL INSTRUCTIONS (as reqd):

CRIMP TENSILE STRENGTH CAT-DS-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	<u>POST</u> PROD
CRIMP OPERATOR NAME/EMP #:	Herbirc Gray 1 # 1441	TEST DATE
CONTACT PN:	204370-8	3.21.05
WIRE PN:	M22759 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 2-01 (GTC # 1000)	Herbirc Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 2-09 (GTC # 856)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	Alphatron MPT-200A (6.17.04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.6	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 (C08PI)	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 #):	M22520-2-09 (GTC-)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	6/17/04 ^{DIC} 6/17/05 GTR 958	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

SPECIAL INSTRUCTIONS (as reqd):

Assy LAT-DS-02588

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 (6-08PI)		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)	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL
	Check Failure Mode Observed		
SLIP (pull out) (a)		✓	
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):