

END-ITEM DATA PACKAGE – LAT-DS-01643; Serial Number: GT122 GLAT 1879

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# 113241; S/N (above SN)

TPS Unit; LAT-DS-01482 WO# 113219; S/N GT119 GLAT 1827

TPS CCA; LAT-DS-02388 WO# 112072; S/N GT113 GLAT 1799

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# 113116; S/N GT115 GLAT 1804

TEM CCA; LAT-DS-01646 WO# 112015; S/N GT115 GLAT 1766

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.) (/)

(NCR# 2323 - LAT-DS-02388; NCR# 2305 - LAT-DS-02388)
NCR# 00524 - LAT-DS-01646

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

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

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

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

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

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

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

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

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

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

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

END-ITEM DATA PACKAGE – LAT-DS-01643; Serial Number: GT122 GAT184a

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 #) {X}

TR# vs. TEM CCA LAT-DS-01646: N/A
 TR# vs. TPS CCA LAT-DS-02388: N/A

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

(DRR# 29647- LAT-DS-02288; DRR# LAT-DS-01646 LAT-DS-01646; DRR# 30544 LAT-DS-01646)

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

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 {✓}
- ¾ view of TEM LAT-DS-01481 {✓} ¾ view of TPS Unit LAT-DS-01482 {✓}
- ¾ view of TEM/TPS Unit LAT-DS-01643 {✓}

Completed by: Ken Bergtholdt

Date: 8/1/05

GTC QA Acceptance:  _____

Date: 8/1/05

SLAC QAR Acceptance:  _____

Date: 8.3.05

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

COPY (MERUM) S H I P P E R
SHIPPER NUMBER F17301.1
SALES ORDER NUMBER F1730
SHIP DATE 07/27/0
PAGE

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

B 15356
I SLAC
L ACCOUNTS PAYABLE
I 2575 SAND HILL RD M/585
MENDO PARK, CA 94025
T
O

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

CUSTOMERS PO: 0000053627

RESALE NO:

L1# ORDER/QTY UM PART/DESCRIPTION UNITS/PKG SHIP QTY LOT NO

Special Inspection is required.

L1#	ORDER/	QTY	UM	PART/DESCRIPTION	UNITS/PKG	SHIP	QTY	LOT NO
1.1	12	EA		LAT-DS-01643 ASSY, UNIT-1EM/TPS S/N: GT122 GLAT184B. QTY DUE...: 0	52	1.00	1	1324

SHIP VIA: EXP100L
WAYBILL#: 693560591630

Carriage of Goods

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 request.

SHIP TO: SEAG
2575 SAND HILL ROAD
MENDO PARK, CA 94025

Robert B. ...
General Technology Corporation

7-27-05
Date

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/PNS LAT-DS-01643
WAF. UNIT-TEM/TPS

WO# 119241
REV DATE 03-06-05
REL DATE 04-21-05
SOW F17301
PC# 0104053627

COST P#
QTY
PROJECT# F17301
CUST# 19359

*SERIAL NUMBER
GT122 GLAT1849

APPROVAL:
PRCD: Kit/5-3-05
OR Kit/5.3.05

WORKMANSHIP:.....
IPC/SIA-J-STD-011C CLASS 3; WITH "CS" SPACE SUPPLEMENT

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

gjh 02.02.05

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



1 000 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.3330
CONFIG

***** CONFIGURATION DOCUMENTS *****
DOCUMENT NUMBER REV PD/PL OUTSTANDING DO'S
ASSY DWG: LAT-DS-01643 51 NONE
SOW PL: (SAME - ON DWG)
SOW SOW: LAT-PS-02615/01078 05 NONE
VIBE/TC: (NOT APPLICABLE; WAS SK-282; SOW DELETED QTC DO.)
ASSY AID: LAT-DS-01643 - (RELEASED PER EC 2479)
CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)
BUILD DOCUMENTS
USE: WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS.
* SEE LAST PAGE OF WO (FOOTER) FOR TRAVELER REV/CHG RECORD *

DATE	QTY	REMARKS	STATUS
<u>5-3-05</u>			<u>Kit</u>



2 001 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000
KITTING

* PROCESS MATERIAL PER CAA STEP 2 *

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

[Faint handwritten notes and stamps at the bottom right of the page]

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/FIN LAT-DS-01643
UNIT-TEM/TPS

NO: 1111241
REV: 01
DATE: 07/26/05
TIME: 10:05
JOB: 117301
0000091027

CUST # 1
QTY 1
PROJECT# 917101
COST# 15156

PAGE 2

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



2 210 00 CCA/BLACK BOX ASSY AREA
INSTALL SCREWS JOINING
THE TEM & TPS BOX ASSYS 0.0000 0.0000 0.0000

* PROCESS ASSY PER CAA STEP 3.

DATE	QTY	REMARKS	STATUS
07/26/05	1		Byp(1288)



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

* PROCESS ASSY PER CAA STEP 4.

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

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

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

DATE	QTY	REMARKS	STATUS
07/26/05	1		Byp(1288)
7-26-05	1	WITNESS TORQUE	



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

* PROCESS ASSY PER CAA STEP 5.

* RECORD MATERIAL DATA BELOW.

ADHSV 0151: GTC P# 31403 EXPIRATION DATE 01/31/07
CORD DATE/TIME: START-07/26/05 2:15pm STOP-4:15pm

DATE	QTY	REMARKS	STATUS
07/26/05	1		Byp(1288)

MARKING & LABEL

* RECORD MATERIAL DATA

INV # 31201 EXPIRATION DATE 01/27/07

LOT # 2004 09 08 0033

LOT # 2004 07 02 0071

MARKING DATE TIME 07/26/05 2:15pm - 4:15pm

CURE RECORD STARTING STEP 11

DATE	QTY	REMARKS	STATUS
07/26/05	1		Byp(1288)

M 3M

M 3M

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/PK# LAT-DS-01443
ASSY. UNIT/ITEM/TPS

WOS 111241
REQ. DATE 06-09-08
REL. DATE 04-21-08
SOS F17J01
POS 0000000007

CUST. P#
QTY 1
PROJECT# 17501
CUST# 16356

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



6 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OP# SLDR-0 ASSY-192

* PROCESS ASSY PER CAA STEP 6

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE QTY REMARKS STATUS
7-27-08 1 Verify Staking, Marking GTC 12 QA



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

* PROCESS ASSY PER CAA STEP 7

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

* UPON ACCEPTANCE, ADDITIONALLY INDICATE BY STAMPING THE
END-ITEM DATA PACKAGE ON THE CHECKSHEET (FORM GTC-149).

DATE QTY REMARKS STATUS
7-27-08 1 GLAT 1849 LAT 10 QA



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

* PROCESS ASSY PER CAA STEP 8

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

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE QTY REMARKS STATUS
7-27-08 1 GTC 18 QA

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 4

ASSY/FN# LAT-DS-01543
ASSY. UNIT-DEM/TPS

WO# 113241
REQ DATE 03-05-05
REL DATE 04-21-05
SO# F17301
PO# 0000053027

CUST Pa
QTY 1
PROJECT# F17301
CUST# 15355

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



0 233 00 PACKAGING/SHIPPING INSP 0.0000 0.0000 0.0000
PACKAGING/SHIPPING

* PROCESS ASSEMBLY PER CAM STEP 9.

DATE	QTY	REMARKS	STATUS

***** TRAVELER REVISION HISTORY RECORD *****

CREATED BY: PEP/IN FOR ASSY REV: 53 DATE: 04 26 05

REV	BY	CHG	DATE	CHANGE DETAIL
53	GLH	042005		UPDATED FOR UNITS 4 THRU 22.

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

SN ORDER 119241

(NEW)

WORK ORDER PICK LIST

PAGE 1

WIPER LAT DS-01563
PLANTATION 407

BY LINE ITEM

EFFECTIVITY DATE 08-11-06
MATERIAL DATE 01-11-03
DATE PRINTED 08-17-06

AGE PULLED

PULLED BY

PART NUMBER AND DESCRIPTION	REQUIREMENTS			ASSY IN LOT #	INVLDC	LOT NUMBER	INVENTORY DETAIL			
	UM	QUANTITY	STAT				LOC	QUANTITY	LOT DATE	BIN
LAT-DS-01487 WIPER BRIND CAR. 811X.62 ORIGINAL QUANTITY	EA	40.00	REVD	40.00	120307	SK02 FN-D3	120307	40	09-11-07	IN ASSY
115 EXCESSIVE WIPER CAR KIT ORIGINAL QUANTITY	30	1.00	50	1.00	SK01 FN-D4			1		

ASSY/PN# LAT 05 01482
PQSV, CLASS: 0AQ, 2P3

WOB NO 113219
PROB DATE 05-06-05
PROJ DATE 04-20-05
PQSV # 17300
PQSV # 0000046800

CUST P#
PROJECT# 17300
CUST# 15350

SERIAL NUMBER *****
G-119 GLAT1827
APPROVAL
PROD: KH 5-3-05
CAPPA 5.3.05

WORKMANSHIP:*****
I/O/EIA-C-SID-001C CLASS 1) WITH '05' 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.

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



1 200 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000

***** CONFIGURATION DOCUMENTS *****
DOCUMENT NUMBER REV FD/PL OUTSTANDING EC'S
ASSEMBLY DRAWING 05-01-1482 05 NONE
CONFIGURATION RECORD (MACH)
CUSTOMER NAME SLAC 1927AMPFORD LINEAR ACCELERATOR CENTER (RELEASED PER EC 3477)
USE WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS
***** SEE FOOTER OF WORK ORDER FOR REV HISTORY *****

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

5/3/05 _____ NTM



2 301 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000

* PROCESS MATERIAL PER CAA STEP 2.

DATE... QTY... REMARKS... STATUS
5/3/05 1 GLAT1827 LINE 5004



WORK CELL, L-500 RUNNER

CUSTOMER, SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

ATTN/FN: LAT-DS-00452
GLAST, DAG, TFS

WCR 113213
REQ DATE 13-02-05
REL DATE 04-20-05
SO# F17300
PO# 0000048800

CUST P#
QTY 1
PROJECT# F17300
CUST# 10356

PAGE 2

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



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

* PROCESS ASSY PER CAA STEP 3.

* RECORD ADHESIVE DATA BELOW:

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

DATE	QTY	REMARKS	STATUS
07/21/05	1		BYP(1288)



4 212 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
LOG CCA SN TO WORK ORDER
INSTALL CCA TO BOX

* PROCESS ASSY PER CAA STEP 4.

INSTALLED CCA SERIAL NUMBER: GT 119

DATE	QTY	REMARKS	STATUS
07/21/05	1		BYP(1288)



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

* PROCESS ASSY PER CAA STEP 5.

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

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

TOOL # GTC-E-95 1/2 CAL DUE DATE 08/05
GTC#-#44 CAL DUE DATE 08/05

DATE	QTY	REMARKS	STATUS
07/21/05	1		BYP(1288)
1.21.05	1	WITNESS TORQUE	



WORK CELL : 1-RIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

***NY/ENR LAT-05-01492
GLAST. DAQ. IFS

NO# 113219
PO DATE 05-08-05
REL. DATE 04-20-05
SQ# 217300
PO# 0000046600

CUST #
QTY 1
PROJECT# 217300
COST# 19200

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



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

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

DATE	QTY	REMARKS	STATUS
07/21/05	1		ByP(1288)
7.21.05	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.
- RECORD ASSIGNED TOOLS USED, AND CAL DUE DATE, BELOW:
 TOOL = GTC-E-951 1/2 CAL DUE DATE 08/05
 GTC-E-944 CAL DUE DATE 08/05

DATE	QTY	REMARKS	STATUS
07/21/05	1		ByP(1288)



8 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
INSTALL J1 TO J7D

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

DATE	QTY	REMARKS	STATUS
07/21/05	1		ByP(1288)
7.21.05	1	WITNESS TORQUE	



WIP# LAT-DS-01493
START. DAG. 199

MC# 113319
RND# 00000000
SHP# 00000000
FO# 00000000

CUST #
PROJ#
CUST#

LINE DEPT MAIN# OP# DESCRIPTION..... SEC-UP RUN H C U R S
LINE-MACH ST-LOT



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

• PROCESS ASSY PER CAA STEP 9.

• RECORD MATERIAL DATA BELOW:

ADHSV 0151: GTC PO# 31403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START 07/21/05 11:50 AM STOP 1:50 PM

DATE	QTY	REMARKS	STATUS
07/21/05	1		Byp(1288)



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

• PROCESS ASSY PER CAA STEP 10.

• RECORD MATERIAL DATA BELOW:

ADHSV 0151: GTC PO# 31403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START 07/21/05 11:50 AM STOP 1:50 PM

DATE	QTY	REMARKS	STATUS
07/21/05	1		Byp(1288)



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

• PROCESS ASSY PER CAA STEP 11.

• RECORD MATERIAL DATA BELOW:

ADHSV 0151: GTC PO# 31403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START 07/21/05 11:50 AM STOP 1:50 PM

DATE	QTY	REMARKS	STATUS
07/21/05	1		Byp(1288)

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PN# CAT-DS-01492
Q'LAST, DAQ, TPS

NO# 113219
REQ. DATE 08-08-06
DEL. DATE 08-28-06
PO# 0173300
CUST# 0000048800

CUST #
PROJECT #
CUST# 017300
12356

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



12 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
STAKE 31 HARDWARE

* PROCESS ASSY PER CAA STEP 12.

* RECORD MATERIAL DATA BELOW:

ADHSV 0161: STO PO# 31403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START- 01/21/05 11:50 AM STOP- 1:50 PM

DATE	QTY	REMARKS	STATUS
01/21/05	1		Exp(1288)



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

* PROCESS ASSY PER CAA STEP 13.

DATE	QTY	REMARKS	STATUS
01/21/05	1		Exp(1288)



14 200 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
CPS: SLDR-0 ASSY-267

* PROCESS ASSY PER CAA STEP 14.

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
7/22/05	1		TOP OF 016



40 200 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
7/22/05	1	GLAT 1827	LAY TO 04

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 6

PN# 107 DS-01483
BLAST. DAO. TFS

WCRNO 111219
DATE 03-06-05
WCRNO 01-03-05
DATE 01-03-05
FOR 0000048600

CUST #
QTY 1
PROJECT# P17300
CUST# 15356

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



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

* PROCESS ASSY PER CAA STEP 16.

DATE	QTY	REMARKS	STATUS
07/22/05	1		Blp(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 CAR TO WITNESS TORQUE PROCESS.**
* RECORD ASSIGNED TOOLS USED, AND CAL DUE DATE, BELOW.

TOOL # GTC-E-95 1/2 CAL DUE DATE 08/05
GTC-E-344 CAL DUE DATE 08/05

DATE	QTY	REMARKS	STATUS
07/22/05	1		Blp(1288)
7.22.05	1		LAT 10 05



18 030 10 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OP# SLDR-0 ASSY-64

* PROCESS ASSY PER CAA STEP 18.

RECORD DEFECT REPORT NO IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
7/22/05	1		

FNS LAT-DS-01480
GLAST, DAO, 475

WOB 113215
REV. DATE 06-06-05
REV. DATE 04-20-05
REV. DATE 07-20-05
PO# 000048800

CUST #
FRONT COPY 1
COST# 101700
COST# 100000

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



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

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

ADREV 015... STO POS: 31403 EXPIRATION DATE 01/31/07
TURN DATE/TIME: START- 07/22/05 11:00 AM STOP- _____

DATE	QTY	REMARKS	STATUS
<u>07/22/05</u>	<u>1</u>		<u>Buy (1088)</u>
_____	_____	_____	_____
_____	_____	_____	_____



20 490 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
CPE- SLDR 0 ASSY-40

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

DATE	QTY	REMARKS	STATUS
<u>7/22/05</u>	<u>1</u>		
_____	_____	_____	_____
_____	_____	_____	_____



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
<u>7.25.05</u>	<u>1</u>	<u>GLAT 1827</u>	
_____	_____	_____	_____
_____	_____	_____	_____

TRAVELER REVISION HISTORY RECORD

RELEASED BY	FOR ASSY REV	DATE	
REK:IN	55	042510	
ASSY	REV	DATE	CHANGE DETAIL
55	SLR	042510	RELEASED AT REV 55 AND CAA AT REV -

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

ASSEMBLY # LAT-DS-01482
NO QUANTITY 1
WIP LOCATION W02

BY LINE ITEM

EFFECTIVE DATE: 01-01-00
REVISION: 0000
DATE PRINTED: 01-01-00

PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UN	REQUIREMENTS		STATUS	QTY	DATE	BY	LOT	INVTY DETAIL
			REQ QTY	STAT						
1	LAT-DS-00998 BASE, P.A. 1P2 ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	121225		SKCP2 FN-1	121225	1 00 12-20-07 SLAC
2	LAT-DS-00998 LIC. BOX, REM P2 ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	121224		SKCP2 FN-1	121224	1 00 09-30-07 SLAC
3	LAT-DS-00998 LIC. BOX, REM P2 ORIGINAL QUANTITY...	EA	1.00	BO	1.00			SKCP2 FN-1		0 00
4	NAS1322N04-6 ALUM ORIGINAL QUANTITY...	EA	30.00	RSVD	30.00	115012		SKCP2 FN-4	115012	30 00 09-27-04 LOT 115 100 00 04-13-00 IN ASSY
5	NAS1322N04-6 WASHER PLAT #8 115 1D 1.2 ORIGINAL QUANTITY...	EA	32.00	BO	32.00			SKCP2 FN-5		0 00
6	NAS1322N04-4 WASHER ORIGINAL QUANTITY...	EA	20.00	RSVD	20.00	115019		SKCP2 FN-6	115019	20 00 09-27-04 115019 64 00 12-16-04 IN ASSY
7	1151 AGGRESSIVE HYDROLYZING KIT ORIGINAL QUANTITY...	EA	1.00	BO	1.00			SKCP2 FN-7		0 00
8	1152 AGGRESSIVE HYDROLYZING KIT ORIGINAL QUANTITY...	EA	1.00	BO	1.00			SKCP2 FN-8		0 00
9	1153 AGGRESSIVE HYDROLYZING KIT ORIGINAL QUANTITY...	EA	5.00	BO	5.00			SKCP2 FN-9		0 00
10	1154 AGGRESSIVE HYDROLYZING KIT ORIGINAL QUANTITY...	EA	4.00	BO	4.00			SKCP2 FN-10		0 00
11	1155 AGGRESSIVE HYDROLYZING KIT ORIGINAL QUANTITY...	EA	1.00	BO	1.00			SKCP2 FN-11		0 00
12	LAT-DS-00998 LIC. BOX, REM P2 ORIGINAL QUANTITY...	EA	1.00	BO	1.00			SKCP2 FN-12		0 00

WORK ORDER 113019

(NEW)

WORK ORDER PICK LIST

PAGE 1

Assembly # 140-PS 0148
QTY QUANTITY 2
LOCATION 802

BY LINE ITEM

DEFECTIVITY DATE: 88-03-00
DEFECTIVITY DATE: 88-03-00
DATE RECEIVED: 88-03-00

PULLED BY: _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UN	REQUIRED QUANTITY	REQUIREMENTS		STAT	QUANTITY	PERS IN LOT #	INVOICE NUMBER	LOT	INVENTORY DATA			
				QUANTITY	DATE						LOT	DATE	QUANTITY	
11	9703-88-0440 JALPPOST. M-F. 18X.30 ORIGINAL QUANTITY	EA	2.00	80			2.00		SKCP2 PN:11		88-03-00			

[Handwritten signature]

WORK TELL: S-MIXED

CUSTOMER: SLAC

TYPE PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

ASSEMBLY PART: LAT-DS-01388
BLAST: 178

WOB: 112272
REQ DATE: 02-10-05
REL DATE: 12-31-04
SCS: 0000048810

CUST #:
CITY: 1
PROJECT: P17800
COST: 15388

SERIAL NUMBER: GT119 GTP APPROVAL: REC'D: 2/10/05
GLATI789 CA: 2-10-05

WORKMANSHIP: IRO/EIA-3-STD-0110 CLASS 3 WITH "DS" SPACE SUPPLEMENT
SLAC CAR MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE
IF ANY STEP OF THE TRAVELER/WORK ORDER. SLAC CAR MAY
INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP.
IN 02 07 05

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



1 200 00 CONFIG SECOND/KITTING CONFIG 0.0000 0.0000 0.0000

CONFIGURATION DOCUMENTS
DOCUMENT NUMBER REV FD/PL OUTSTANDING ED'S
ASSY DWG. LAT-DS-02388 58 NONE
SMT PL. LA-ID-02391 58 NONE
CUST SCH. LAT-PS-03078 03 NONE
ESS TEST: N/A
ASSY AID: LAT-DS-02388 (RELEASED PER EC 2252)
CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)
USE... WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS
*REV'D/PREP'D BY: GK (DATE: 02-07-05)

ATB 4-28-05

DATE: 2-10-05 CITY: _____ REMARKS: _____ STATUS: Asm



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

- PROCESS PER CAA STEP 1
- ALL SMT PARTS ROUTE THROUGH THE SMT DRY ROOM.
- ALL OTHER PARTS ROUTE TO SECOND ASSY

DATE: 2/10/05 CITY: _____ REMARKS: _____ STATUS: Asm



WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

APPY/DNS LAD-DS-02388
GLAST, TRA

WC 112072
ISSUE 12-10-08
DATE 12-01-04
JOB # 0000048600

COST ID
PROJECT# 1
CUST# P17300
15354

PAGE 2

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



1 210 00 CCA/BLACK BOX ASSY AREA
MARK QTC SN 1.0000 0.0000 0.0000

* PROCESS PER CAA STEP 3.

DATE	QTY	REMARKS	STATUS
2-11-05	1		WF 1856



2 213 00 SMT ASSY LINE
PRE-SMT BACKOUT 1.0000 0.0000 0.0000

* PROCESS PER CAA STEP 4.

RECORD BAKE DATE-TIME START/STOP BELOW:

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

DATE	QTY	REMARKS	STATUS
2-11-05	1		WF



3 215 00 SMT ASSY LINE
STENCIL BOTTOM SIDE 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 5.

RECORD SOLDER PASTE DATA BELOW:

QTC NO: 31728 EXPIRATION DATE 7-14-05

DATE	QTY	REMARKS	STATUS
2-11-05	1		WF 1866



4 222 01 SMT ASSY LINE
PICK-N-PLACE PARTS 1.0000 0.0000 0.0000

* PROCESS PER CAA STEP 1.

DATE	QTY	REMARKS	STATUS
2-11-05	1		WF

- 208 - 0075
- 209 - 0075
- 210 - 0078
- 211 - 0079
- 212 - 0072
- 213 - 0079
- 214 - 0078
- 215 - 0072

Solder Paste Data Bottom Side
 Sema: 0008
 Aug - 0076
 Range: 0007
 Measurements
 Taken by
 MR 1/20
 4/11/05

WORK CELL: 4-MIXED

CUSTOMER: SLAU

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

WORKSHEET: LAT-03-02388
CLAST, TPN

WO# 112072
PRO DATE 01-10-05
REL DATE 12-01-04
PC# 0000048803

COST P#
QTY 1
PROJECT# P17300
CUST# 18185

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



7 213 00 SMT ASSY LINE
SOLDER REFLOW 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 7:

DATE	QTY	REMARKS	STATUS
2-11-05	1		OK



8 213 00 SMT ASSY LINE
AQUEOUS CLEAN 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 8

DATE	QTY	REMARKS	STATUS
2-17-05	1		OK



9 201 00 QUALITY ASSURANCE AREA
CPE SLDR 1256 ASSY 1845 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 9:

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

DARR(S):

DATE	QTY	REMARKS	STATUS
2/18/05	1	has crack (shortage)	OK

OK OK
AWAITING - SMT DENNIS 11/04/05
BY 2-17-05



10 213 00 SMT ASSY LINE
SOLDER PASTE STENCIL 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 10:

** RECORD SOLDER PASTE DATA BELOW:

SIC FOR 21377 EXPIRATION DATE 2/17/05

DATE	QTY	REMARKS	STATUS
2-24-05			OK

21377 = 2000-4
21378 = 2000-2
21379 = 2000-0
21380 = 2000-0

WORK CALL: 4-MIXED

CUSTOMER: ELAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 4

TNY LAT-US-2238
CLAST, TFS

WOB# 112072
REQ DATE 02-10-05
REL DATE 12-01-04
SO#
PO# 0100049800

CUST #
QTY 1
PROJECT# FL7300
CUST# 18156

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



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

* PROCESS PER CAA STEP 11.

DATE	QTY	REMARKS	STATUS
2/22/05	1	TOP	PF



12 213 00 SMT ASSY LINE SOLDER REFLOW 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 12.

DATE	QTY	REMARKS	STATUS
2/22/05	1		PF



13 213 00 SMT ASSY LINE ACCESSORY CLEAN 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 13.

DATE	QTY	REMARKS	STATUS
2/22/05	1		PF



14 200 00 QUALITY ASSURANCE AREA (PDA) SLEW-1401 ASSY-791 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 14.

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

PAGE # 29647

DATE	QTY	REMARKS	STATUS
2/24/05	1	100% 605 ASDS	PF

check
to check the work
of the 100% ASDS
of the 100% ASDS

03/15/05 Installed DS00 & D600
by 84P
03/15/05 3/25/05

03/15/05 Installed CRD from
previous page
by 84P
03/15/05
3/25/05

PNS LAY-DS-02385
CLASL TFS

WO# 112072
REQ DATE 02-10-05
REQ DATE 12-01-04
JOB# 0001048800

CUST FR
QTY 1
PROJECT# 917100
COST# 19352

LINE DEPT MACH# OPS DESCRIPTION..... H C U B S
684109 RUN LINE-PATH STRIP



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 PREP AND SHORT WIRE PREP.
- RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

DATE	QTY	REMARKS	STATUS
3/14/05	1	Tinned	Asm 127
3/14/05		Tinned leads	me 1644

03/15/05 Stripped wires (35) MV
 03/15/05 insp of stripped wires
 03/15/05 Tinned wires (35) MV
 3/15/05 insp of tinned wires



16 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
MECH ASSY - W/5NKS/VRS

- PROCESS PER CAA STEP 10.
- RECORD ADHESIVE DATA BELOW:
OTC NO# 31450 EXPIRATION DATE 05/17/05
- RECORD ASSIGNED TOOLS USED, AND CAL DUE DATE, BELOW:
TOOL# GTC-A-985 CAL DUE DATE 06/28/05

DATE	QTY	REMARKS	STATUS
04/06/05	1	Installed Heat sinks	GTC 298 Bup
04/12/05	1	Installed VRS (GTC-A-974)	1222



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

- PROCESS PER CAA STEP 17.
- | DATE | QTY | REMARKS | STATUS |
|----------|-----|-------------------------------|--------|
| 03/22/05 | 5 | stripped wires | MV |
| 03/22/05 | 5 | tinned wires | MV |
| 04-13-05 | 1 | Installed wires on VRS - 3812 | 592 |

← Special in-process QA Examination of wire
 ME 4-7-05
 Checked wires for VRS 3/22/05

ENH LAT-DS-02889
GLAST, TPS

WOB 112073
REF DATE 02-10-05
REL DATE 12-01-04
SOR
PO# 0010048800

CUST P#
QTY 1
PROJECT# PL7300
CUST# 15156

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



19 210 00 OCA/BLACK BOX ASSY AREA
INSTALL/SOLDER FL. P2 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 16.

DATE	QTY	REMARKS	STATUS

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



19 210 00 OCA/BLACK BOX ASSY AREA
INSTALL/SOLDER 10 WIRES 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 19

DATE	QTY	REMARKS	STATUS
04/12/05	1	installed wires	2897 Byf



20 290 00 QUALITY ASSURANCE AREA
CPE: SLDR-70 ASSY-41 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 20.

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

ERR#S

DATE	QTY	REMARKS	STATUS
4/13/05	1		2897



21 210 00 OCA/BLACK BOX ASSY AREA
WPTH ASSY-BOTTOM ICS 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 21.

* RECORD ADHESIVE DATA BELOW:

OTD NO: 31450 EXPIRATION DATE 05/17/05

* RECORD POSITIONED TOOLS USED, AND CAL DUE DATE BELOW

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

DATE	QTY	REMARKS	STATUS
04/13/05	1		2897 Byf

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/TN# LAT-25-02599
C LAST. TFS

MCR# 112073
ISSUED DATE 03-10-05
REV# DATE 12-01-04
JOB# 0001048900

CUST P#
QTY
PROJECT# P-1000
CUST# 15398

PAGE 7

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



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

* PROCESS PER CAA STEP 22.

DATE... QTY... REMARKS... STATUS
04-18-05 1 Installed & Solder wires on res (GTC) 582 M.D.



01 490 01 QUALITY ASSURANCE AREA
QTY: SLDR-35 ASSY-25 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 03.

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

DAR#(S)

DATE... QTY... REMARKS... STATUS
4/19/05 1 (GTC) 582



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

* PROCESS PER CAA STEP 04.

** RECORD ADHESIVE DATA BELOW

OTC PO# 31450 EXPIRATION DATE 05/17/05

DATE... QTY... REMARKS... STATUS
04-21-05 1 Installed & Solder Q504, Q604 (GTC) 582



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

* PROCESS PER CAA STEP 03

DATE... QTY... REMARKS... STATUS
3/16/05 1 Prep Caps 561587
04/21/05 1 Installed & Solder caps (GTC) 582

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 6

ASAY/ENR LAT-DS-02388
PLAST. IFS

MO# 112072
REQ DATE 02-10-05
REL. DATE 12-01-04
SR#
POR# 0000248800

CUST P#
QTY 1
PROJECT# P17303
CUST# 15355

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



26 310 00 CCA/BLACK BOX ASSY AREA
INSTALL/SOLDER F. R. I 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 26. **R1 + R2 ME 4-7-05**
DATE.... QTY REMARKS.....
04-22-05 1 **SMV.** **STC 582**



27 290 00 QUALITY ASSURANCE AREA
CPE: SLDX-76 ASSY-29 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 27.
** RECORD DEFECT RECORD REPORT NUMBER(S) BELOW
ERR#(S):
DATE.... QTY... REMARKS..... STATUS
4/22/05 1 **SMV.** **STC 582**



28 345 00 SFEA INT
SFEA TEST 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 28.
** RECORD TEST DEFECT RECORD REPORT NUMBER(S) BELOW
TERR#(S):
DATE.... QTY REMARKS..... STATUS
4.22.05 1 SN- 6T119 (less D505 + D605) dnc PASSED



29 217 00 CCA/BLACK BOX ASSY AREA
INSTALL/SOLDER IF CABLE
SLDR 1/9-ROW 1-CHECK - 04-22-05 M.D.)
SLDR 1/9-ROW 2-CHECK - 04-22-05 M.D.)

* PROCESS PER CAA STEP 17
DATE.... QTY REMARKS..... STATUS
04-22-05 1 **Installed & solder wires on case** **SMV.** **STC 582**

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PNY/PN# LAI-DS-02388
GLAST, TPS

WO# 112272
REQ DATE 12-10-05
REL DATE 12-01-04
R0#
P0# 0000048800

CUST PR
QTY
PROJECT# W17300
CUST# 16156

PAGE 3

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



30 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
INSTALL/SOLDER O/P CABLE
SLDR O/P-ROW 1-CHECK 04-25-05 (MD) 4/25/05
SLDR O/P-ROW 2-CHECK 04-25-05 (MD) 4/25/05
SLDR O/P-ROW 3-CHECK 04-25-05 (MD) 4/25/05
SLDR O/P-ROW 4-CHECK 04-25-05 (MD) 4/25/05

* PROCESS PER CAA STEP 30

DATE... QTY... REMARKS... STATUS
04-25-05 1 installed w/ solder wire on area (892)



31 200 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OPE- SLDR-98 ASSY-107

* PROCESS PER CAA STEP 31.

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

DRX#(S)

DATE... QTY... REMARKS... STATUS
4/2/05 1 (892)



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

* PROCESS PER CAA STEP 32.

DATE... QTY... REMARKS... STATUS
05/03/05 1 washed (892)

05/06/05 ^{sup} by filled
shortage of DS05 & D605.
inspection of DS05 + D605

WORK CELL: 4 MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 10

ASSEMBLY: LAT-DS-02388
GLASS, TFS

NO# 112072
REQ DATE 02-10-05
REL DATE 12-01-04
SO#
PO# 0000048800

CUST PR
CITY
PROJECT# P17300
CUST# 19266

LINE DEPT MACH# OP# DESCRIPTION..... SET-UP RUN HOURS LINE-MACH ST-107



33 200 00 COATING/POTTING AREA
PO1 WITH RTV - CABLE
DC6-1104 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 33.

RTV DC6-1104; GIC PO# 31695 EXPIRATION DATE 08/21/05

SEE ADHESIVE 0151 APPLICATION FOR JURE DATA.

DATE	QTY	REMARKS	STATUS
05/16/05	1		ByP



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

* PROCESS PER CAA STEP 34 ME 3/14/05

ME
3/14/05

~~PROCESS PER CAA STEP 34~~ RTV DC6-1104 PO# 31695 EXP DATE 08/21/05

ME 3/14/05

DATE	QTY	REMARKS	STATUS
05/16/05	1		ByP



35 210 00 CCA/BLACK BOX ASSY AREA
POTTING/STAKING ICS 0.0000 0.0000 0.0000

* PROCESS CAA PER CAA STEP 35 ME 3-14-05

RTV
DC6-
1104
ME
3-14-05

~~PROCESS PER CAA STEP 35~~ RTV DC6-1104 PO# 31695 EXP DATE 08/21/05 MC

DATE	QTY	REMARKS	STATUS
05/16/05	1		ByP

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 12

WIP/PO# LAT-DS-02388
GLAST. TPS

WOB 112072
REQ DATE 02-10-06
REL DATE 12-01-04
SO#
PO# 0000048800

CUST P#
CITY 1
PROJECT# F17300
CUST# 18158

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



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

* PROCESS PER CAA STEP 39.

ADHESIVE 0151, GTC PO# 31403 EXPIRATION DATE 01/31/07
CURE DATE 05/16/05 START 10:00 AM STOP 12:00 PM

DATE... QTY... REMARKS... STATUS
05/16/05 1 _____ (1) BYP



40 212 00 CCA/BLACK BOX ASSY AREA
STAKE CAPACITORS AND R22, R1 & R2 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 40.

ADHESIVE 0151, GTC PO# 31403 EXPIRATION DATE 01/31/07
CURE DATE 05/16/05 START 10:00 AM STOP 12:00 PM

DATE... QTY... REMARKS... STATUS
05/16/05 1 _____ (1) BYP

RAB 4-28-05



41 290 00 QUALITY ASSURANCE AREA
CPE: SLDR-C ASSY-87 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 41.

** RECORD DEFECT RECORD REPORT NUMBER 5: BELOW

DRR#(S)

DATE... QTY... REMARKS... STATUS
5/19/05 1 _____ (1) _____

WORK CELL: 2-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 13

APPV/PNS LAT-DS-02368
GLAS. CPS

W# 112072
MO DATE 02-10-05
REL. DATE 11-01-04
SC#
PO# 0000049900

CUST #
QTY
PROJECT# 17300
CUST# 15356

LINE DEPT MACH# OPS DESCRIPTION... HOURS
SET-UP RUN... LINE-MACH 57-1001



43 280 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
SLAC CAR INSPECTION - MIP

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

DATE	QTY	REMARKS	STATUS
6/13/05	1	GLAT 1789	LAT 10 QA



43 290 01 PACKAGING/SHIPPING INSP 0.0000 0.0000 0.0000
PACKAGE & SHIP CCA FOR
TEST A CUSTOMER.

* PROCESS PER CAA STEP 43.

DATE	QTY	REMARKS	STATUS
06/17/05	1		Bye (1288)



44 200 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
RECEIVING INSPECTION

* PROCESS PER CAA STEP 44.

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

DR#S

DATE	QTY	REMARKS	STATUS
2/7/05	1		



45 260 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
SLAC FOR PRE-COAT INSP.
MANDATORY INSPECTION
POINT (BEST POINT)

* PROCESS PER CAA STEP 45

DATE	QTY	REMARKS	STATUS
7.7.05	1	GLAT 1789	LAT 10 QA

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

APPLY IN: LAT-DS-02388
GLANT, TPE

WOB# 112072
REQD DATE 02-10-05
SOLD DATE 12-01-04
PO# 0000048800

CUST #
QTY
PROJECT #
CUST#

PAGE 14

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



46 242 00 CCA/BLACK BOX ASSY AREA
HAND CLEAN AND TEST
THE CLEANLINESS OF CCA.
ATTACH RESULTS REPORT TO
THE TRAVELER/WO 0.0000 0.0000 0.0000

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

DATE	QTY	REMARKS	STATUS
7-7-05	1	clean	HW
7-7-05	1	Test clean	HW



47 250 00 QUALITY ASSURANCE AREA
CPE, SLDG-3 ASSY-7 0.0000 0.0000 0.0000

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

DR#(S)

DATE	QTY	REMARKS	STATUS
7/8/05	1		670 04



48 250 00 COATING/POTTING AREA
BAKE-OUT AND MASK 0.0000 0.0000 0.0000

- * PROCESS CAA PER CAA STEP 48.
 - RECORD BAKE DATE-TIME START/STOP BELOW:
- BAKE DATE: 7/08/05 START: 8:15AM STOP: 10:15AM

DATE	QTY	REMARKS	STATUS
7/8/05	1	MASK BAKE	SPC

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

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7 ENF LAC-16-02388
4 SLAST, 229

WO# 112072
REQ DATE 02-10-05
REL DATE 12-01-04
COST PROJECTS
CUST# 15350

CUST PR
CITY
PROJECTS
CUST#

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



40 250 00 COATING/POTTING AREA
CONFORMAL COATING 0.0000 0.0000 0.0000

* PROCESS CAA PER CAA STEP 49:

CONFORMAL COATING PO# 32174 EXPIRATION DATE 12/15/05
AIR CURE DATE 7/8/05 START 11:20AM STOP 2:00 PM

DATE... QTY REMARKS..... STATUS
7/8/05 1 Coat Dm/1035



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

* PROCESS CAA PER CAA STEP 50:

OVEN CURE DATE 7/8/05 START 2:00pm STOP 4:00pm
OVEN CURE DATE 7/11/05 START 7:45am STOP 9:45am

DATE... QTY REMARKS..... STATUS
7/11/05 1 TU Coat SPK



01 200 01 QUALITY ASSURANCE AREA
OP# SLDK-0 ASSY-7 0.0000 0.0000 0.0000

* PROCESS CAA PER CAA STEP 01:

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

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

DATE... QTY REMARKS..... STATUS
7/11/05 1



WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 19

ASSY/EN# LAT-DS-02386
GLAST, 729

WDO# 112072
ISSUED DATE 02-10-05
REV# DATE 12-01-04
PC# 0000048803

CUST #
CITY
PROJECT #
COST #

117300
103800

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



53 340 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
CSI

* PROCESS CAA PER CAA STEP 52.

NOTE NEXT ASSEMBLY IS LAT-DS-01482

DATE	QTY	REMARKS	STATUS
7/12/05	1	COATING NOT HOMOGENEOUS	
		SPRINKLED EVIDENCE OF	
		"DRY" TOUCHUP/BRUSH COATING	

LAT TO QA 7.15.04
VOID NEAR L4.

*SERIAL NUMBER ----- *APPROVAL:***
 PROD: _____ / _____
 QA: _____ / _____

EXCESSIVE COATING ON VRS.

WORKMANSHIP
 IPC/ETA-3 STD-0016 CLASS 3. WITH 'CS' SPACE SUPPLEMENT
 SLAC QAR MAY CHOOSE TO ADMIT/OBSERVE PROCESS PERFORMANCE
 OF ANY STEP OF THE TRAVELER/WORK ORDER SLAC QAR MAY
 INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP
 qh 02.08 05

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

BY LINE ITEM

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

PULLED:

PULLED BY:

LT#	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL		
			REQUIRED QUANTITY	CURR STATUS				LOC	LOT DATE	BIN
1	LAT-DS-02389 PWB GLASS TPS 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-02810-01 ASSY CABLE TPS 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-01465 HEAT SINK TPS ORIGINAL QUANTITY...	EA	4.00			SK2 FN-D3		0.00		
			4.00				PULLED:			
				RSVD	4.00	115014	SKCF2	115014	4.00	06-23-07
							PULLED:			
4	LAT-DS-02811-01 ASSY CABLE TPS C/P PWR ORIGINAL QUANTITY...	EA	1.00	BO	1.00	SK2 FN-D4:15 J1		0.00		
			1.00				PULLED:			
							SKCF2		0.00	
							PULLED:			
5	LAT-DS-00585 SUPPORT CABLE HARNESS ORIGINAL QUANTITY...	EA	2.00			SK2 FN-D21		0.00		
			2.00				PULLED:			
				RSVD	2.00	120306	SKCF2	120306	23.00	09-11-07 IN ASSY
							PULLED:			
								14.00	09-27-04	FL7300
							PULLED:			
6	LAT-DS-05535 LABEL SN ORIGINAL QUANTITY...	EA	1.00	BO	1.00	SK2 FN-D22		0.00		
			1.00				PULLED:			
							SKCF2		0.00	
							PULLED:			
7	NAS11490432R WASHER ORIGINAL QUANTITY...	EA	4.00			SK2 FN-D5		6.00	07-31-01	A4F
			4.00				PULLED:			
				RSVD	4.00	115016	SKCF2	115016	138.00	09-27-04 LOT 105
							PULLED:			
8	NAS07105 WASHER ORIGINAL QUANTITY...	EA	19.00	RSVD	19.00	120055 FN-6		645.00	02-02-05	
			19.00				PULLED:			

ASSEMBLY # : IAT-DS-02398
NO QUANTITY : 1
WIP LOCATION: W02

BY LINE ITEM

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

PULLED:

PULLED BY:

REQUIREMENTS				INVENTORY DETAIL						
LINE	PART NUMBER AND DESCRIPTION	REQUIRED QTY	CURR STATUS	RESV IN LOT #	INVLOC	LOT NUMBER	LOT QUANTITY	LOT DATE	BIN	QTY
8	NAS67106 NUT, SS, SM, FAT Cont from prior page.	EA	13.00			FN-6 117403	57.00	11-04-04	D2H	
						PULLED:				
						FN-6 122960	510.00	03-02-05		
						PULLED:				
						FN-6 122986	500.00	02-03-05		
						PULLED:				
						FN-6 122987	500.00	02-02-05		
						PULLED:				
						SKCF2 44571	18.00	08-19-00	CF3D	
						PULLED:				
						116770	429.00	10-26-04		
						PULLED:				
9	NAS1352N06-6 SCREW ORIGINAL QUANTITY...	EA	7.00			SK2 FN-D9	0.00			
						PULLED:				
			RSVD	7.00	115011	SKCF2 115011	121.00	09-27-04		
						PULLED:				
10	NAS1352N04-6 SCREW ORIGINAL QUANTITY...	EA	4.00			SK2 FN-D9	0.00			
						PULLED:				
			RSVD	4.00	114832	SKCF2 114832	524.00	09-23-04	LOT 115	
						PULLED:				
						115012	712.00	09-27-04	IN ASSY	
						PULLED:				
11	NAS1149CN432R WASHER ORIGINAL QUANTITY...	EA	19.00			SK2 FN-D9	0.00			
						PULLED:				
			RSVD	19.00	115010	SKCF2 115010	327.00	09-27-04		
						PULLED:				
12	NAS67104 NUT, HEX, SS, PAGE 4 4CTHRD ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	122091	133.00	01-20-05	HW7	
						FN-D10				
						PULLED:				
						FN-D10 122142	64.00	01-20-05		
						PULLED:				
						FN-D10 122180	250.00	01-21-05		
						PULLED:				
						FN-D10 123195	2000.00	03-04-05		
						PULLED:				
						FN-D10 123381	310.00	02-07-05		
						PULLED:				

ASSEMBLY # : 1AT-DS-02366

BY LINE ITEM

EFFECTIVITY DATE: 02-10-05

NO QUANTITY : 1

RELEASE DATE : 12-01-04

WIP LOCATION: W02

DATE PRINTED : 02-11-05

PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STAT	REQUIREMENTS STATUS QUANTITY	RESV IN LOT #	INVLOC	LOT NUMBER	INVTORY DETAIL LOT QUANTITY	LOT DATE	BINLOC	BIN QUANTITY
12	NAS67104 NUT, HEX, SS, PASS, 4-40XRD Cont from prior page.	EA	4.00				FN-D10	123397 PULLED:	610.00	02-07-05		
							FN-D10	123512 PULLED:	83.00	02-07-05		
							FN-D10	123521 PULLED:	155.00	02-07-05		
							FN-D10	123532 PULLED:	140.00	02-07-05		
							FN-D10	123691 PULLED:	700.00	02-07-05		
							SKCF2	115009 PULLED:	31.00	09-27-04	LOT 115	
13	CV 3946 S-V NUSHL TECH ORIGINAL QUANTITY...	OZ	1.00	BO	1.00		SK2 FN-D11		0.00			
							SKCF2		0.00			
14	0151 ADHESIVE, HYSOL, 40Z KIT ORIGINAL QUANTITY...	OZ	1.00	BO	1.00		SK2 FN-D12		0.00			
							SKCF2		0.00			
15	PLT1M-076 TIE, CABLE LOCKING, PANDUIT ORIGINAL QUANTITY...	EA	5.00	BO	5.00		SK2 FN-D15		0.00			
							SKCF2		0.00			
16	6750 CONFORMAL COATING URETHANE ORIGINAL QUANTITY...	OZ	1.00	BO	1.00		SK2 FN-D17		0.00			
							SKCF2		0.00			
17	DCS-1004 ADHESIVE ORIGINAL QUANTITY...	OZ	1.00	BO	1.00		SK2 FN-D18		0.00			
							SKCF2		0.00			
18	MS120/10-24-8 WIRE, 24AWG, WHITE ORIGINAL QUANTITY...	IN	1.00	BSWD	1.00	46.72	SK2 FN-D19	46190 (FOR TERMINATING VAD) PULLED:	125.00	09-14-00	SK2 54	

115299

ASSEMBLY # : LAT-DS-03388
NO QUANTITY :
WIP LOCATION: W02

BY LINE ITEM

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

PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS		INVLIN	LOT	INVENTORY DETAIL				
					STAT	QUANTITY			LOT #	QUANTITY	LOT DATE	BIN	QUANTITY
	WIRE, 24AWG, WHITE Cont from prior page.						SKCF2	118299	17716	00	10-01-04	LOT1182	
								PULLED					
19	LAT-DS-04101 HEATSINK ORIGINAL QUANTITY...	EA	2.00				SK2 FN-D20			0.00			
			2.00				SKCF2	120304	34	00	09-14-07		
				RSVD	2.00	120304		PULLED					
20	APF461 IC FILTER ORIGINAL QUANTITY...	EA	1.00				SK2 FN-34 VRS			0.00			
			1.00				SKCF2	114959	17	00	08-27-04		
				RSVD	1.00	114959		PULLED					
21	MAX7245CX IC ORIGINAL QUANTITY...	EA	7.00				SK2 FN-36 US U7 US U10 U15 U17 U18			0.00			
			7.00				SKCF2	114961	19	00	09-17-04		
				RSVD	7.00	114961		PULLED					
22	596DR9563501VXC IC ORIGINAL QUANTITY...	EA	5.00				SK2 FN-35 U20 U559 U560 U559 U660			0.00			
			5.00				SKCF2	120301	5	00	10-16-04	DRY-10	
				RSVD	5.00	120301		PULLED					
42	68R1040GTXV DIODE ORIGINAL QUANTITY...	EA	7.00				SK2 FN-19 D1 D2 D3 D4 D8 D19 D20			0.00			
			7.00				SKCF2	114948	37	00	09-27-04		
				RSVD	7.00	114948		PULLED					
24	JANTXV1N4153UR-1 DIODE ORIGINAL QUANTITY...	EA	8.00				SK2 FN-20 D502 D503 D509 D509 D502 D503 D509 D599			0.00			
			8.00				SKCF2	114949	24	00	09-27-04		
				RSVD	8.00	114949		PULLED					
25	JANTXV1N5805US DIODE 1N5805US ORIGINAL QUANTITY...	EA	8.00				SK2 FN 21 D501 D504 D507 D508 D501 D504 D507 D508			0.00			
			8.00				SKCF2	114950	25	00	09-27-04		
				RSVD	8.00	114950		PULLED					
29	JANTXV1N648TUS DIODE ORIGINAL QUANTITY...	EA	8.00				SK2 FN-23 D81 D81 D81 D81 D81 D81 D81 D81			0.00			
			8.00					PULLED					



ASSEMBLY # : LAT-DS-03388
WO QUANTITY : 1
WIP LOCATION: #01

BY LINE ITEM

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

LINE #	PART NUMBER AND DESCRIPTION	UOM	REQUIREMENTS		RSVD IN LOT #	INVLOC NUMBER	LOC	INVENTORY DETAIL		
			REQD QUANTITY	STAT QUANTITY				LOC	LOT DATE	SIN
	DIODE Cont from prior page	EA		RSVD	6.00 114952	SKCF2 114952		168.00	09-27-04	
27	JANTXV1N4106UR-1 DIODE ORIGINAL QUANTITY...	EA	4.00			SK2 FN-24 CR5 D30 D505 D605		0.00		
				RSVD	4.00 114953	SKCF2 114953		51.00	09-27-04	
28	JANTXV1N4494US DIODE ORIGINAL QUANTITY...	EA	1.00			SK2 FN-26 D600		0.00		
				RSVD	1.00 114955	SKCF2 114955		14.00	09-27-04	
29	JANTXV1N4485US DIODE ORIGINAL QUANTITY...	EA	1.00			SK2 FN-22 CR2		0.00		
				RS	1.00	SKCF2 114951		67.00	09-27-04	
30	JANTXV2N343P TRANSISTOR ORIGINAL QUANTITY...	EA	4.00			SK2 FN-81 Q504 Q550 Q64 Q650		0.00		
				RSVD	4.00 115006	SKCF2 115006		4.00	09-27-04	
31	5962R9582602VXC IC ORIGINAL QUANTITY...	EA	6.00			SK2 FN-18 U1 U2 U21 U22 U561 U661		0.00		
				RSVD	6.00 120302	SKCF2 120302		14.00	12-16-04 DRY-10	
32	CR32BK103EKUS CAP C.OIUF 100V 10A ORIGINAL QUANTITY...	EA	22.00			SK2 FN-4 E1 C5 C9 U31 C33 C35 C37 C54 C62 C66 M31 C76 C110 M114 C115 C165 C516 C556 C598 C606 C496 C458		0.00		
				RSVD	22.00 114937	SKCF2 114937		525.00	09-27-04	
33	CR080H106KCE CAPACITOR ORIGINAL QUANTITY...	EA	4.00			SK2 FN-9 C560 C567 C600 C607		0.00		
				RSVD	4.00 114939	SKCF2 114939		105.00	09-27-04	
34	M19006/13-0567H CAPACITOR ORIGINAL QUANTITY...	EA	30.00			SK2 FN-1 C1 C2 C4 C11 C13 C14 C20 C24 C25 C28 C30 C31 C32 C34 C35 C36 C38 C40 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 C101 C102 C103 C104 C105 C106 C107 C108 C109 C110		0.00		



ASSEMBLY # : IAT-DS-02388
WO QUANTITY : 1
WIP LOCATION: W02

BY LINE ITEM

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

PULLED:

PULLED BY:

LINE #	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	RESV IN LOT #	INVLOC NUMBER	INVENTORY DETAIL		BIN
							LOT QUANTITY	LOT DATE	
11*	CAPACITOR Cont from prior page.	EA	30.00	RSVD	114941	SKCF2 114941	0.00	09-27-04	
15	1210B961K151YHTM CAPACITOR	EA	12.00	RSVD	114902	SKCF2 114902	0.00 FN-13 C601 C608 C610 C611 C614 C640 C601 C608 C610 C611 C614 C640	09-23-04	
16	SK2005 FUSE	EA	2.00	RSVD	114957	SKCF2 114957	0.00 FN-12 F2 F3	09-27-04	
17	5962L8771002VXA INDUCTOR	EA	2.00	RSVD	114962	SKCF2 114962	0.00 FN-37 U504 U634	09-27-04	
18	32786-31 INDUCTOR	EA	12.00	RSVD	114964	SKCF2 114964	0.00 FN-39 L1 L2 L3 L4 L5 L6 L7 L10 L11 L12 L13 L14	09-27-04	
19	32786-31 INDUCTOR	EA	2.00	RSVD	114965	SKCF2 114965	0.00 FN-40 L601 L601	09-27-04	
40	181DN597034 TRANSISTOR	EA	3.00	RSVD	114966	SKCF2 114966	0.00 FN-41 Q10 Q11 Q12	09-27-04	
41	W010500X000 THICK FILM CAP	EA	15.00	RSVD	114917	SKCF2 114917	0.00 FN-43 R01 R02 R11 R12 R15 R16 R18 R19 R40 R29 R30 R30 R32 R32 R39 R100 R101	09-23-04	

ASSEMBLY # : 1AT-DS-02388
 WO QUANTITY : 1
 W# LOCATION: 402

BY LINE ITEM

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

PULLED: _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS			INVL	LOT NUMBER	INVENTORY DETAIL					
			REQ QUANTITY	CURR STAT	RESV IN LOT #			LOC	QUANTITY	LOT DATE	BIN	QUANTITY	
42	M55342K0581P00R RESISTOR ORIGINAL QUANTITY...	EA	2.00			SK2 FN-44 R550 R550		0.00					
			RSVD	2.00	114928	SKCF2 114928 114969			44.00	09-23-04			
									229.00	09-27-04			
43	M55342K0581E21R RESISTOR ORIGINAL QUANTITY...	EA	3.00			SK2 FN-46 R5 R8 R21		0.00					
			RSVD	3.00	114971	SKCF2 114971			148.00	09-27-04			
44	M55342K0681E17R RESISTOR ORIGINAL QUANTITY...	EA	4.00			SK2 FN-47 R25 R28 R31 R32		0.00					
			RSVD	4.00	114972	SKCF2 114972			15.40	09-27-04			
45	M55342K0681E10R RESISTOR, CHIP, 100W, 1% OH ORIGINAL QUANTITY...	EA	6.00	RSVD	6.00	SK2 FN-48 R17 R41 R45 R48 R552 R552		156.00	09-30-03	860			
						SKCF2 114918			1205.00	09-23-04			
						114976			178.00	09-27-04			
46	M55342K0581E10R RESISTOR, CHIP, 100W, 1% OH ORIGINAL QUANTITY...	EA	6.00			SK2 FN-49 R505 R515 R556 R606 R615 R556		0.00					
			RSVD	6.00	114819	SKCF2 114819 114977			630.00	09-23-04			
									217.00	09-27-04			
47	M55342K0582E03R RES, CHIP, 7.00W, 1%, 74W ORIGINAL QUANTITY...	EA	1.00			SK2 FN-50 R232		0.00					
			RSVD	1.00	115091	SKCF2 115091			137.00	09-29-04			
48	M55342K0582E14R RESISTOR "R" ORIGINAL QUANTITY...	EA	3.00			SK2 FN-52 R71 R75 R77		0.00					
			RSVD	3.00	114980	SKCF2 114980			75.00	09-27-04			

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

BY LINE ITEM

EFFECTIVITY DATE: 03 10 05
RELEASE DATE: 03 01 04
DATE PRINTED: 03 17 05

PULLED:

FULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UOM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS STAT	QTY	RESV IN LOT #	INVLOC	LOT NUMBER	QTY	LOT DATE	BIN	BINLOC	QTY
49	M55142K09R4875R RESISTOR ORIGINAL QUANTITY	EA	2.00					SK2 FN-53 R509 R600		0.00		S10A		
				RSVD		2.00	9132	SKCF2	91324	67.00	09-24-03	CF2C		
									114981	486.00	09-27-04			
50	M55142K06S8862R RESISTOR ORIGINAL QUANTITY	EA	1.00	RSVD		1.00	114981	SK2 FN-56 R14	119010	25.00	11-20-04	57E		
								SKCF2	114984	144.00	09 17 04			
51	M55142K04B88215R RESISTOR ORIGINAL QUANTITY	EA	2.00					SK2 FN-57 R8 R10	81080	12.00	04-15-03	55E		
				RSVD		2.00	114986	SKCF2	114985	68.00	09 27 04			
52	M55142K06S102CR RESISTOR,CHIP,100K,10K C	EA	21.00					SK2 FN-59 R28 R26 R27 R502 R510 R580 R585 R581 R583 R518 R524 R550 R551 R524 R526 R263 R288 R298 R296 R297 R298		0.00				
				RSVD		21.00	114987	SKCF2	114987	657.00	09-27-04			
									114930	117.00	09 23 04	CF2C		
									91324	58.00	09-24-03			
53	CR204BK104AK05 CAP, 10UF,50V	EA	32.00					SK2 FN-56 R10		0.00				
				RSVD		32.00	114935	SKCF2	114935	308.00	09-27-04			
54	CR201BK102AK05 CAPACITOR ORIGINAL QUANTITY	EA	2.00					SK2 FN-56 R10 R10	0410	0.00				
				RSVD		2.00	114936	SKCF2	114936	274.00	09-27-04			
55	CR201BK102AK05 CAPACITOR ORIGINAL QUANTITY	EA	14.00					SK2 FN-56 R10		0.00				
				RSVD		14.00	114938	SKCF2	114938	242.00	09-27-04			

ASSEMBLY # : LAT-03-02388
WO QUANTITY : 1
WT LOCATION: W03

BY LINE ITEM

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

PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL		
			REQUIRED QUANTITY	CURR STAT QUANTITY				LOT QUANTITY	LOT DATE	SINLOC QUANTITY
	RESISTOR Cont from prior page.	EA	RSVD	1.00	114968	SKCF2	114968	93.00	09-27-04	
64	M55342K06B1821R RESISTOR ORIGINAL QUANTITY...	EA		4.00		SK2 FN-45	R20 R53 R55 R61	0.00		
			RSVD	4.00	114970	SKCF2	114970	224	09-27-04	
65	M55342K06B1821R RESISTOR ORIGINAL QUANTITY...	EA		6.00		SK2 FN-51	R17 R40 R64 R65 R66 R67	0.00		
			RSVD	6.00	114979	SKCF2	114979	442	09-27-04	
66	M55342K09B1070R RESISTOR ORIGINAL QUANTITY...	EA		4.00		SK2 FN-60	R543 R544 R613 R614	0.00		
			RSVD	4.00	114820	SKCF2	114820	4	09-27-04	
							114988	212.00	09-27-04	
67	M55342K06B1920R RESISTOR ORIGINAL QUANTITY...	EA		3.00		SK2 FN-01	R16 R35 R46	0.00		
			RSVD	3.00	114989	SKCF2	114989	3	09-27-04	
68	M55342K06B1920R RESISTOR CHIP 120K 15K 0 ORIGINAL QUANTITY...	EA		1.00	RSVD 1.00	SK2 FN-02	4305 R19	110.00	09-26-98	358
				1.00		SKCF2	114990	33.00	09-27-04	
69	M55342K06B1920R RESISTOR ORIGINAL QUANTITY...	EA		2.00		SK2 FN-03	R231 R567	0.00		
			RSVD	2.00	114991	SKCF2	114991	172	09-27-04	
70	M55342K06B1920R RESISTOR 20KOH-9 ORIGINAL QUANTITY...	EA		8.00	RSVD 8.00	SK2 FN-04	R205 R507 R510 R525 R616 R617 R623	312.00	09-27-04	357
				8.00		SK2 FN-04	R205 R507 R510 R525 R616 R617 R623	15873	09-26-00	

1149912

8

ASSEMBLY # : LAT-DS-02388
WO QUANTITY : 1
M* LOCATION: W02

BY LINE ITEM

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

1 PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS		RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL			
					STAT	QUANTITY				LOT QUANTITY	LOT DATE	SIN	QUANTITY
	RESISTOR, 20Kohms Cont from prior page.	EA						SKCF2	114992	208.00	09-27-04		
71	M55342K05B22D1R RESISTOR ORIGINAL QUANTITY...	EA	1.00					SK2 FN-65 R511		0.00			
				RSVD	1.00	114993		SKCF2	114993	137.00	09-27-04		
72	M55342K06B22E1R RESISTOR ORIGINAL QUANTITY...	EA	5.00					SK2 FN-65 R11 R15 R512 R566 R612		33.00	12-15-00	550	
				RSVD	5.00	114994		SKCF2	114994	272.20	09-27-04		
									50591	10.00	12-15-00	550	
73	M55342K06B11E2R RESISTOR ORIGINAL QUANTITY...	EA	1.00					SK2 FN-67 R666		0.00			
				RSVD	1.00	114995		SKCF2	114995	134.00	09-27-04		
74	M55342K06B49E5R RESISTOR, 49.9Kohms ORIGINAL QUANTITY...	EA	6.00	RSVD	6.00	8351		SK2 FN-65 R17 R42 R598 R599 R69 R699		322.00	03-31-03	51E	
								SKCF2	114996	169.00	09-27-04		
75	M55342K06B18E5 RESISTOR ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	8425		SK2 FN-69 R607		17.00	04-15-03	57H	
								SKCF2	114997	14.00	09-27-04		
76	M55342K06B10C0R RESISTOR, CHIP, 100W, 100 OH ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	104427		SK2 FN-70 R501 R530 R601 R630		240.00	04-27-04	57H	
								SKCF2	114802	3428.00	04-23-04		
									114998	6.00	09-27-04		
97	M55342K06B10C0R RESISTOR, CHIP, 100W, 100V ORIGINAL QUANTITY	EA	18.00					SK2 FN-71 R6 R7 R100 R101 R102 R103 R104 R100 R101 R513 R597 R611 R697		0.00		550	



ASSEMBLY # : LAT-06-02388
NO QUANTITY : 1
W# LOCATION: W04

BY LINE ITEM

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

DRAWN PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS STAT	QTY	RSVD IN LOT #	INVLAC	LOT NUMBER	INVENTORY DETAIL		
										LOT	LOT DATE	BIN
	RESISTOR, CHIP, 100K, 100K Cont from prior page.	EA		RSVD		13.00	114923	SKCF2	114823	1316.00	09-23-04	SPG
									PULLED:			
									114999	18.00	09-27-04	
									PULLED:			
									96996	40.00	01-08-04	
									PULLED:			
78	M55342K069301DR RESISTOR ORIGINAL QUANTITY...	EA	1.00	RSVD		1.00	50769	SK2 FN-72 R3C	50769	29.00	12-20-00	SPG
									PULLED:			
									SKCF2 91325	84.00	09-24-03	SPG
									PULLED:			
									115000	47.00	09-27-04	
									PULLED:			
79	D55342K078401ER RES. 102K, 1/4W, 1% ORIGINAL QUANTITY...	EA	1.00	RSVD		1.00	84270	SK2 FN-73 R3D2	84270	20.00	04-15-03	S2Q
									PULLED:			
									FN-73 R512	10.00	09-26-08	
									PULLED:			
									SKCF2 115001	93.00	09-27-04	
									PULLED:			
	D55342K078511ER RESISTOR ORIGINAL QUANTITY...	EA	10.00					SK2 FN-74 R531 R553 R554 R555 R511 R632 R633 R653 R654 R655		0.00		
									PULLED:			
									SKCF2 115002	116.00	09-27-04	
									PULLED:			
81	M55342K068549DR RESISTOR ORIGINAL QUANTITY...	EA	2.00					SK2 FN-75 R122 R142		0.00		
									PULLED:			
									SKCF2 115003	48.00	09-27-04	
									PULLED:			
82	R311918-096786 THERMISTOR, 30K ORIGINAL QUANTITY...	EA	2.00					SK2 FN-79 R1 R2		0.00		
									PULLED:			
									SKCF2 115004	40.00	09-27-04	
									PULLED:			
83	2N2706-1221AUB TRANSISTOR NPN ORIGINAL QUANTITY...	EA	21.00					SK2 FN-80 Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8 Q9 Q10 Q11 Q12 Q13 Q14 Q15 Q16 Q17 Q18 Q19 Q20 Q21 Q22 Q23 Q24		0.00		
									PULLED:			
									SKCF2 120109	425.00	11-26-04	
									PULLED:			

ASSEMBLY # : LAI-DS-02382
WO QUANTITY : 1
W LOCATION: W02

BY LINE ITEM

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

DA PULLED:

PULLED BY:



LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS		REQD IN LOT #	INVLOC NUMBER	INVENTORY DETAIL			
					STAT QUANTITY	LOT #			LOT QUANTITY	LOT DATE	SINLOC	SIN QUANTITY
84	JANTXV2N29C7AUB TRANSISTOR ORIGINAL QUANTITY...	EA	2.00					SK2 FN-02 0555 0599 PULLED:	3.00			
			2.00	RSVD			115007	SKCF2 115007 PULLED:		21.00	09-27-04	
85	M55142K00B4899R RESISTOR ORIGINAL QUANTITY...	EA	2.00					SK2 FN-54 R519 R519 PULLED:	3.00			
			2.00	RSVD			114982	SKCF2 114982 PULLED:		219.00	05-27-04	
86	M55142K00B95E11R RESISTOR ORIGINAL QUANTITY...	EA	2.00	RSVD		2.00	808	SK2 60670 FN-55 R508 R508 PULLED:	44.00	05-07-01	89F	
			2.00					SKCF2 114929 PULLED:	9.00	03-10-03		
								114983 PULLED:	20.00	09-23-04		
									232.00	09-23-04		
87	M55142K00B10D0R RESISTOR ORIGINAL QUANTITY...	EA	1.00					SK2 FN-58 R511 PULLED:	0.00			
			1.00	RSVD			114986	SKCF2 114986 PULLED:		237.00	09-23-04	

REWORK TRAVELER

SO NO: F17300	PART NO: LAT-DS-02388	REV: 58
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ASSEMBLY NAME: GLAST, TPS	<i>Lat Lim</i>	7-13-05	QTY: 1
SOURCE INSPECTION APPROVAL		DATE	

APPROVAL							
G. POZZI	7-13-05	G. HEFKIN	7-13-05	J. COFFMAN	7-13-05	M. MORA	7-13-05
PREPARED BY	DATE	ENG MGR	DATE	PROD MGR	DATE	QA MGR	DATE





STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	Record serial numbers: _ GT-119 GLAT-1789	GP	7-13-5	
2	ID AND DAMAGE: POOR CONFORMAL COAT TOUCH-UP COVERAGE. EXCESSIVE CONFORMAL COAT TOUCH-UP THROUGHOUT THE BOARD ON THE TOP SIDE. REFERENCE L4 AS AN EXAMPLE	GP	7-13-5	
3	CONFORMAL COAT: MIX UP A <u>NEW BATCH OF ARATHANE</u> FOR TOUCH UP. Thin for touch-up as required. RECORD: LOT NO <u>AK5DB8066A</u> EXPIRATION DATE <u>12/15/05</u> MIX RATIOS: <u>18</u> PBW-5750-A TO <u>100</u> PBW-5750-B	<i>DM/1035</i>	<i>7/14/05</i>	
4	CONFORMAL COAT: TOUCH-UP ALL AREAS PREVIOUSLY REWORKED. USE A SMALL BRUSH AND COVER AREAS ^{SMOOTHLY P.L. 7.13.05} SMOOTHLY WITH A LIGHT COATING OF ARATHANE. SMOOTH OUT ALL AREAS THAT HAVE EXCESSIVE ARATHANE, FINGER SMUDGES ON THE EDGE OF BOARD, AND ON PARTS. <i>P.L. 7.13.05</i> ESPECIALLY ESPECIALLY AROUND L4 ON THE PART AND AROUND IT.	<i>DM/1035</i>	<i>7/14/05</i>	
5	AIR CURE: START <u>7:00 AM</u> FINISH <u>9:00 AM 7/14/05</u> OVEN CURE: START <u>9:10 AM</u> FINISH <u>11:30 AM 7/14/05</u>	<i>DM/1035</i>	<i>7/14/05</i>	
6	INSPECTION		<i>7/15/05</i>	
7	SOURCE INSPECTION		<i>7/15/04</i>	

REWORK TRAVELER

SO NO: F17300	PART NO: SLAC LAT-DS-02388	REV: 57
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SEMBLY NAME: TPS CCA	QTY: 1
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APPROVAL					
G. POZZI	4-28-05	G. HEFKIN	K. BERGTHOLDT	P. LUJAN	9-28-05
PREPARED BY	DATE	ENG MGR	DATE	QA MGR	DATE
				SLAC SOURCE	DATE

STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	Record serial numbers: __ TPS LAT-DS-02388 SN GT- <u>119</u> GLAT- <u>1789</u>	 <i>Byg</i>	04/28/05	
2	OPERATOR: STAKE R22 PER CAA-LAT-DS-02388, STEP 40. CURE PER INSTRUCTION IN STEP 40	 <i>Byg</i>	05/16/05	
3	INSPECTION: INSPECT FOR BOARD CLEANLINESS. NO SOLDER BALLS ALLOWED.		5/29/05	
	SOURCE INSPECTION		6/13/05	



REWORK TRAVELER

SO NO: F17300	PART NO: LAT-DS-02388 TPS	REV: 57
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ASSEMBLY NAME: SLAC TPS	QTY: 19
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APPROVAL							
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>gmr</i>			
1	Record serial numbers Affected: __ GT-104 Glat-1774 Thru GT-122 Glat-1792 __ Serial Number <u>GT119 GLAT 1789</u>	BYP	04/25/05	
2	REMOVE ALL CABLE TIE WRAPS ON HARNESSSES.	BYP	05/18/05	
3	REPLACE ALL CABLE TIE WRAPS USING THE PANDUIT CABLE TIE WRAP TOOL ON SETTING "STANDARD", AT LEVEL "7".	BYP	05/18/05	
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>	BYP	05/18/05	
5	Hysol 0151 data: DATE MIXED <u>05/18/05</u> Expiration Date <u>01/31/07</u> PO# <u>31403</u>	BYP	05/18/05	
6	Inspection		5/19/05	
7	Source Inspection	LAT 10 24	6/1/05	



REWORK TRAVELER

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

STEP	OPERATION	Operator Sign Off.	Date	Time spent
	NCMR 2305 REMOVE AND REPLACE Q10, Q11, AND Q12			
1	Record serial numbers: TPS LAT-DS-02388 SN's GT- <u>119</u> , GLAT- <u>1789</u>	BHP	04/20/05	
2	<p>OPERATOR: REMOVE Q10, Q11, AND Q12. USE THE HAKO FM202 PARALLET REMOVAL SOLDERING IRON WITH 5/16" BLADE TIPS</p> <p>PLACE PARTS INTO AN ESD BAG AND RECORD BOARD SERIAL NUMBER ON BAG.</p> <p>KEEP PARTS WITH REWORK TRAVELER THEN ROUT TO QUALITY ENGINEERING WITH A COPY OF THE REWORK TRAVELER.</p>	<p><i>Removed Q10, Q11, Q12</i></p> MID MID MID	<p>04-27-05</p> <p>04-27-05</p> <p>04-27-05</p>	
3	<p>OPERATOR: VERIFY PADS HAVE NO DAMAGE.</p> 4/27/05	BHP	04/27/05	
3	<p>OPERATOR: SOLDER Q10, Q11, AND Q12 ONTO BOARD USE THE METCAL SOLDERING IRON WITH A .5" BLADE TIP.</p>	BHP	04/27/05	
4	<p>OPERATOR: HAND CLEAN BOARDS USING ALCOHOL.</p>		05/10/05	
5	<p>INSPECTION: INSPECT PARTS FOR WORKMANSHIP AND BOARD CLEANLINESS</p>		5/19/05	
6	SOURCE INSPECTION		6/1/05	



REWORK TRAVELER

SO NO: F17300	PART NO: SLAC LAT-DS-02388	REV: 57
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ASSEMBLY NAME: TPS CCA	QTY: 1
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(Original signed edition reserved for copying)

APPROVAL G. POZZI <i>[Signature]</i>	DATE 4-18-05	ENG. MGR G. HEFKIN <i>[Signature]</i>	DATE 4-18-05	QA MGR K. BERGTHOLDT <i>[Signature]</i>	DATE 4/18/05	SLAC SOURCE P. LUJAN <i>[Signature]</i>	DATE 4-19-05
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STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	Record serial numbers: __ TPS LAT-DS-02388 SN GT- <u>119</u> GLAT- <u>1789</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	05/03/05	
3	AQUEOUS CLEAN USING RECIPE #3	Byp	05/03/05	
4	INSPECTION: INSPECT FOR BOARD CLEANLINESS. NO SOLDER BALLS ALLOWED.		5/2/05	
5	SOURCE INSPECTION		6/13/05	

WESTEK

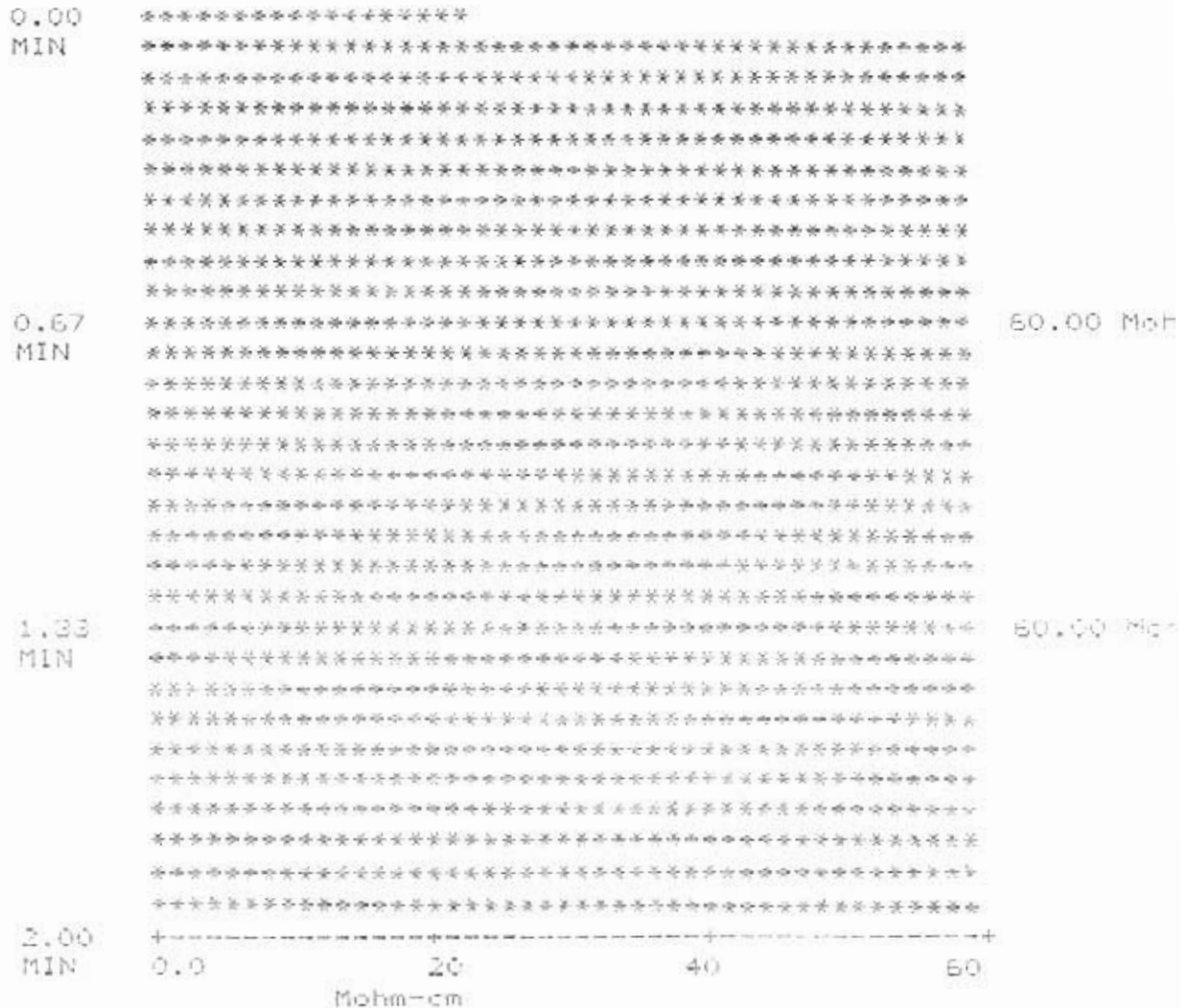
Operator : HANH
06/29/05
18:22:42

Test Type : Auto
Test name : 'Manual Test'
Board # GT119 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 : 48.40 Mohm-cm
NaCl Equivalence (Final) : 0.58 ug/sq in

TIME vs RESISTIVITY



Final Resistivity : 60.00 Mohm-cm

CCA PIN: LAT-DS-02388 GLAT 1789 GT119

W.O. #: 112072

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

Date: 7/8/05

MIX RATIOS

Coating TYPE: ARA THANE Mfr: HUNTSMAN

Lot Number: AK5DB8066A Expiration Date: 12-15-05

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

AIR CURE: START - 11:20AM (7-8-05) FINISH 2:00PM

OVEN CURE: START - 7/8/05 2:00PM END 4:00PM

DEFECT RECORD REPORT

ID: 29547
 PART NUMBER: LAI DS-02388
 WORK ORDER: 112072
 SALES ORDER: F17300
 QUANTITY: 1 RW QTY: 1
 CUSTOMER: SLAC
 INSPECTION TYPE: POST REELOW
 INSPECTION LEVEL: 1
 INSPECTOR: EMARTINEZ
 OFE SOLDER: 1421
 OFE ASSEMBLY: 786
 DATE: 2/24/2005
 WEEK CODE: 10

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PINNOTES
119	1	1858	A342		> 25% OVERHANG	L12	✓
119	2	1858	S402		INSUFFICIENT SOLDER	L10,D4	✓
119	100	1858	S414		SOLDER BALLS	ALL OVER	IMBEDDED IN FLUX ✓

03/15/05 Rework done by ^{Byg} 03/15/05
 3/28/05 (1858)

GENERAL TECHNOLOGY CORPORATION NONCONFORMANCE MATERIAL/RMA REPORT

<p>NCMR NUMBER <input style="width: 50px;" type="text" value="2323"/></p> <p>DATE <input style="width: 50px;" type="text" value="4/25/2005"/></p> <p>CUSTOMER <input style="width: 100px;" type="text" value="SLAC"/></p> <p>CUSTOMER CONTACT <input style="width: 100px;" type="text" value="Pat Lujan"/></p> <p>VENDOR <input style="width: 100px;" type="text"/></p> <p>PART NUMBER <input style="width: 100px;" type="text" value="LAT-DS-02388"/></p> <p>LOT QUANTITY <input style="width: 50px;" type="text" value="19"/></p> <p>SALES ORDER <input style="width: 100px;" type="text" value="F17300"/></p> <p>PURCHASE ORDER <input style="width: 100px;" type="text" value="48800"/></p> <p>LOT NUMBER <input style="width: 100px;" type="text" value="All TPS"/></p> <p>WORK ORDER <input style="width: 100px;" type="text"/></p> <p>INITIATOR <input style="width: 100px;" type="text" value="Pat Lujan"/></p> <p>ASSIGNED TO <input style="width: 100px;" type="text" value="Tarkington"/></p> <p>DATE REQUIRED <input style="width: 50px;" type="text" value="4/28/2005"/></p> <p>ASSIGNED TO SIGNATURE <input style="width: 100px;" type="text"/></p>	<p>CUSTOMER RETURN <input type="checkbox"/></p> <p>RMA NUMBER <input style="width: 50px;" type="text"/></p> <p>QUANTITY RETURNED <input style="width: 50px;" type="text"/></p> <p>VENDOR DEFECT <input type="checkbox"/></p> <p>QUANTITY REJECTED <input style="width: 50px;" type="text"/></p> <p>PRODUCTION DEFECT <input type="checkbox"/></p> <p>QUANTITY REJECTED <input style="width: 50px;" type="text"/></p> <p>REWORK REQUIRED <input checked="" type="checkbox"/></p> <p>QUANTITY REWORKED <input style="width: 50px;" type="text" value="19"/></p> <p>PURCHASING DEFECT <input type="checkbox"/></p> <p>PURCHASING QUANTITY REJECTED <input type="checkbox"/></p>
DISCREPANCY	<p>IS: Cable Tie are trimmed below strap head.</p> <p>Should Be: Per NASA-STD-8739 4 Para. 9.6.2. Cable ties should be trimmed flush at the strap head</p>
NOTES	<p>During Qual + 2 the material used to stake the cable tie heads did not adhere properly. The requirement was deleted from the drawing.</p>
CAUSE	<p>Tool used to install cable ties was not adjusted properly.</p>
CORRECTIVE ACTION	<p>Install cable ties with properly adjusted tool or manually Per NASA-STD_8739.4 Para. 9.6.2. Stake with Hysol 0151. Add Staking requirements to drawing. Rework all assemblies per rework traveler.</p>
FINAL DISPOSITION	<input style="width: 100px;" type="text" value="REWORK"/>
Q/A APPROVAL	<input style="width: 100px;" type="text" value="E-mails on file"/>
Q/A APPROVAL DATE	<input style="width: 50px;" type="text" value="4/15/2005"/>
COST OF QUALITY	<input style="width: 100px;" type="text"/>

GENERAL TECHNOLOGY CORPORATION

NONCONFORMANCE MATERIAL/RMA REPORT

<p>NCMR NUMBER <input style="width: 100px;" type="text" value="2305"/></p> <p>DATE <input style="width: 100px;" type="text" value="4/14/2005"/></p> <p>CUSTOMER <input style="width: 100px;" type="text" value="SLAC"/></p> <p>CUSTOMER CONTACT <input style="width: 100px;" type="text" value="Pat Lujan"/></p> <p>VENDOR <input style="width: 100px;" type="text"/></p> <p>PART NUMBER <input style="width: 100px;" type="text" value="LAT-DS-02338"/></p> <p>LOT QUANTITY <input style="width: 100px;" type="text" value="19"/></p> <p>SALES ORDER <input style="width: 100px;" type="text" value="F17300"/></p> <p>PURCHASE ORDER <input style="width: 100px;" type="text" value="48800"/></p> <p>LOT NUMBER <input style="width: 100px;" type="text"/></p> <p>WORK ORDER <input style="width: 100px;" type="text" value="112084"/></p> <p>INITIATOR <input style="width: 100px;" type="text" value="Pat Lujan"/></p> <p>ASSIGNED TO <input style="width: 100px;" type="text" value="SLAC"/></p> <p>DATE REQUIRED <input style="width: 100px;" type="text" value="4/25/2005"/></p> <p>ASSIGNED TO SIGNATURE <input style="width: 100px;" type="text" value="SLAC"/></p> <p>DISCREPANCY</p>	<p>CUSTOMER RETURN <input type="checkbox"/></p> <p>RMA NUMBER <input style="width: 100px;" type="text"/></p> <p>QUANTITY RETURNED <input style="width: 100px;" type="text"/></p> <p>VENDOR DEFECT <input type="checkbox"/></p> <p>QUANTITY REJECTED <input style="width: 100px;" type="text"/></p> <p>PRODUCTION DEFECT <input checked="" type="checkbox"/></p> <p>QUANTITY REJECTED <input style="width: 100px;" type="text" value="19"/></p> <p>REWORK REQUIRED <input checked="" type="checkbox"/></p> <p>QUANTITY REWORKED <input style="width: 100px;" type="text" value="19"/></p> <p>PURCHASING DEFECT <input type="checkbox"/></p> <p>PURCHASING QUANTITY REJECTED <input style="width: 100px;" type="text"/></p>
<p>DISCREPANCY</p> <p>IS: On components Q10, Q11, and Q12 solder is grainy and cold exhibiting evidence of gold embrittlement.</p> <p>SB: Should exhibit a properly wetted solder joint.</p> <p>This condition exists on GT104 thru GT122. GLAT 1774 thru GLAT 1792</p>	
<p>NOTES</p> <p>Per MRB Telecon held 4-16-2005: MRB concluded to remove and replace mosfets (PIN IRHNJ597034SCS, DLC 0418) from TPS CCAs. Qty = 3 mosfets (ref. designators Q10, Q11, Q12) to be removed from each board. Mosfets were not pre-binned prior to surface mount. Grainy, discolored solder joints indicated excessive gold contamination that could result in embrittling the joints.</p>	
<p>CAUSE</p> <p>Parts were provided in bulk to GTC. GTC outsourced tape and reel operation. Parts were not pre-binned prior to Surface Mount Assembly.</p>	
<p>CORRECTIVE ACTION</p> <p>Schedule a MRB meeting with SLAC and GTC to determine method of removal, prevent, and reworking of these components.</p> <p>Remove and replace with properly removed Gold per J-STD-001CS Para. 6.4.1.</p> <p>SLAC on site QA representative will be attending a course to obtain formal certification to IPC/EIA J-STD-001C and J-STD-001CS.</p>	
<p>FINAL DISPOSITION <input style="width: 100px;" type="text" value="REWORK"/></p> <p>Q/A APPROVAL <input style="width: 100px;" type="text" value="E-mails on file"/></p>	

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

Q/A APPROVAL DATE

4/15/2005

COST OF QUALITY

ISS. # LAT-DS-02831-01
ISS. ASSE. TPS O/P FWR

MO# 112044
REQ. DATE 02-08-05
REL. DATE 02-02-05
SOP#
PO# 0000048500

CUST #
QTY 19
PROJECT# 217300
CUST# 15355

SERIAL NUMBER LISTING:

N/A

APPROVAL
PROD: 2/18/05
CA: MR 2-9-05

WORKMANSHIP:

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

LOT NO.	LOT QTY	SERIAL NUMBERS	SEC NO.	REASON	APPRV & DATE
A ^{1A} 13	5	N/A	3		mm 3/1/05
B	4	N/A	3	TO more	mm 3/1/05
A ²	2	N/A	6	TO more	mm 3/1/05
A ^{1B}	2	N/A	7	TO more	mm 3/2/05
A ^{1A2}	6	N/A	7	TO more	mm 3/1/05

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



70 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000

***** CONFIGURATION DOCUMENTS *****
 ASSY & PL: DOCUMENT NUMBER REV FD/PL OUTSTANDING EO'S
 (REFERENCE ASSY/PL LAT-DS-02831 02 NONE
 (REFERENCE ASSY/PL LAT-DS-02366 FOR ATV APPLICATION RQT)
 ISS. 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			MR



WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

ASBY/PN: LAT-DS-02831-01
A CABLE, TPS O/P PWR

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

CUST #
QTY 19
PROJECT# 1017300
CUST# 43386

PAGE 2

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



0 201 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000
KIT PARTS/MATERIALS

* WIRE, CRIMP PINS, CONNECTOR, AND RTV.

QTY 19 REMARKS..... STATUS
2/19/05
[Signature]

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

APPROX/EXT LAT-DS-02831-01
CABLE: TFS O/P PWR

WOM 112044
REQ DATE 02-08-05
REL DATE 02-02-05
SOP
PC# 0000048600

CUST Po
QTY 19
PROJECT# PL7300
CUST# 15356

PAGE 3

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



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

* CRIMP TEST SETUP - GTC-2081.

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

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

... USE ~~SCHEIDT~~ EMERSON PNEUMATIC WIRE STRIPPER SET UP WITH
24 AWG STRIP BLADES, A STRIP LENGTH OF 3/16 (1.22)
AND LEAVES THE INSULATION SLUG IN PLACE.

* PRE-ASSY CRIMP TEST...

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

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

350
EUBANKS SMALL MODEL #4900-CRM
Crimp Tensile strength paper attached
Rm1970

* ASSEMBLY ACTIVITY...

- 1) FEED WIRE DIRECTLY OFF THE SPOOL TO THE STRIPPER.
- 2) STRIP THE INSULATION LEAVING THE SLUG, 3/16 (1.22)
- 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/ M22520-2-06 TURRET/LOCATOR.

3/16 (1.22) JTB 2-15-05
3.6.05 crimp test H.G.#1941 pre-assy
3.7.05 crimp test H.G.#1941 pre-assy
3.18.05 post assy crimp test H.G.#1941

* POST-ASSY CRIMP TEST...

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

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

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

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

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 4

AF N# LAT DS-02831-01
A. CABLE, TPS O/P PWK

WO# 112044
REQ DATE 02-08-05
REL DATE 02-02-05
SQ#
PC# 0000046800

CUST P#
QTY 19
PROJECT# F17300
CUST# 15356

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



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

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

ERR#(S)

DATE	QTY	REMARKS	STATUS
2/17/05	4	78 wires x 4	
2-17-05	23	156 wires	
3/17/05	2	Strip 4 crimps	

H-6-#1441



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

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

checked strips 375 wires 3/22/05 (370)

Checked crimps & tin 3/24/05 (370)

Checked wires for tinning 3/5 Em 574

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

RM 1970
H-6-#1441
H-6-#1441

3-25-05 (6) H-6-#1441



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

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

ERR#(S)

DATE	QTY	REMARKS	STATUS
2/17/05	4	Inspect step 5	
3/17/05	2		

3/24/05 2

3-25-05 6 Check socket retention

4/21/05 5

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 5

AS 16 LAT-DS-02381-01
AS TABLE: TFS O/P PWR

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

CUST #
QTY 19
PROJECT# P17300
CUST# 16366

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



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

- * APPLY RTV, D06-1104, TO WIRES EXITING CONNECTOR SHELL, FROM THE SHELL DOWN THE WIRES 1/2" (.5").
- * TRANSFER RTV TO AN EED 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 07/16/05
- * 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		P91262
3/28/05	6	save lot of RTV used as above	H-6-1941
4/22/05	6		KM1262



20 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OP#: SLDR-0 ASSY-7

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

DR#(S) _____

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

DATE....	QTY..	REMARKS.....	STATUS
4/23/05	5		



WORK ORDER : 112044

(NEW)

WORK ORDER PICK LIST

PAGE: 1

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

BY LINE ITEM

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

DRAWN PULLED:

PULLED BY:

REQUIREMENTS					INVENTORY DETAIL					
LINE	PART NUMBER AND DESCRIPTION	UN	REQUIRED QUANTITY	CURR STAT	STATUS	RESV IN LOT #	INVLOC NUMBER	LOT QUANTITY	LOT DATE	BIN
1	206507-1 CONN (321P407-SS-B-15) ORIGINAL QUANTITY...	EA	19.00	RSVD	19.00		SKCF2 FN-1	0.00		
<p>The following parts have been defined as alternates for 206507-1: Line 1.1 G3851 1 PER Partial quantity replacements are allowed.</p> <p><i>Handwritten: LAT-DS-02831</i> <i>Handwritten: 10# 114947</i></p>										
2	M22759/11-24-9 WIRE, 24AWG, WHITE ORIGINAL QUANTITY...	IN	16340.00	RSVD	16340.00	115299	SKCF2 FN-3	14056.00	10-01-04	LOT1152
3	206071-1 CONTACT (206071-1) ORIGINAL QUANTITY...	EA	510.00	RSVD	510.00		SKCF2 FN-2	0.00		
<p>The following parts have been defined as alternates for 206071-1: Line 3.1 G3851 1 PER Partial quantity replacements are allowed.</p>										
3.1	G3851 CONTACT (206071-1) ORIGINAL QUANTITY...	EA	972.00	RSVD	972.00	115021	SKCF2 FN-2	972.00	09-27-04	
<p>This line is an alternate part for line 3. G3851 is used in a 1 to 1 ratio to 206071-1. Partial quantity replacements are allowed.</p>										
4	DC6-1104 ADHESIVE ORIGINAL QUANTITY...	OZ	19.00	RSVD	19.00		SKCF2 REQUIREMENT SHOWS ON LAT-DS-02831. APPLY HERE. PULLED:	0.00		

0710

CRIMP TENSILE STRENGTH LAT-05-02831-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	RHODA MARMOUZI 1970	TEST DATE
CONTACT PN:	206071-1	2.16.05
WIRE PN:	M22759/111-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A830)	RHODA MARMOUZI
DIE/LOCATOR PN (GTC Tool #):	M22520/2-06 (GTC-A834)	WORK ORDER NO.
SELECTOR VALUE:	3	112044
TEST EQUIP # (Last CAL date):	ALPHATRON MPF 2004 (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:	13.5	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 #:	/		TEST DATE
CONTACT PN:			2/16/05
WIRE PN:			TESTED BY
CRIMP TOOL PN (GTC Tool #):	(GTC-)	R. HODG 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):	<input checked="" type="radio"/> PRE - PROD	<input type="radio"/> POST - PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1 # 1941	TEST DATE
CONTACT PN:	2060H-1	3.17.05
WIRE PN:	M72759 / 11-74-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M72520 / 12-01 (GTC A-1012)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M72520 / 12-06 (GTC A-150)	WORK ORDER NO.
SELECTOR VALUE:	3	112044
TEST EQUIP # (Last CAL date):	Alpha 101 MPT-200A (6.17.04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	12.4	12.9	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):

1:10 P.M.

CRIMP TENSILE STRENGTH CAT-05-02831-01

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 #:	Herbie Gray #1941	TEST DATE 3.16.05 TESTED BY Herbie Gray WORK ORDER NO. 117044
CONTACT PN:	206071-1	
WIRE PN:	M22759 / 1124-9	
CRIMP TOOL PN (GTC Tool #):	M22520 / 201 (GTC 1102)	
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-06 (GTC 1692)	
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):

CRIMP TENSILE STRENGTH CAT-DS-02831-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	De/019 M 1#1262	TEST DATE
CONTACT PN:	20671-1	3.16.05
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC 4.1011)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-06 (GTC A853)	WORK ORDER NO.
SELECTOR VALUE:	3	117044
TEST EQUIP # (Last CAL date):	Adaptor MPT-2004 (6/17/04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

SPECIAL INSTRUCTIONS (as reqd):

1:15 P.M.

10:36 a.m.

for build of (e)

CRIMP TENSILE STRENGTH CAT-15-0283-01			
MIL-STD-1344; METHOD 2003.1			
TEST TYPE (circle one):	PRE - PROD		<u>POST</u> PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1# 1941		TEST DATE
CONTACT PN:	20671-1		3.18.05
WIRE PN:	M22759 / 11-24-9		TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC-1102)		Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-06 (GTC-696)		WORK ORDER NO.
SELECTOR VALUE:	3		112044
TEST EQUIP # (Last CAL date):	Alabaster MPF200A (6-17-04)		
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:	
OBSERVATIONS/VALUES			
SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.6	13.6	13.4
PASS/FAIL (circle test result)	<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):			

11:00 a.m.

Build of (12)

CRIMP TENSILE STRENGTH CAT-DS-00381-01

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 #:	Herbie Gray 1# 1141	TEST DATE
CONTACT PN:	206071-1	3-22-05
WIRE PN:	M2259/11-249	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 12-01 (GTC# 102)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 12-06 (GTC# 953)	WORK ORDER NO.
SELECTOR VALUE:	3	112044
TEST EQUIP # (Last CAL date):	Aluminum MPT 2004 (6/1/04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.4	13.4	13.4
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS	<input type="radio"/> FAIL	<input checked="" type="radio"/> PASS
	<input type="radio"/> FAIL	<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 1#1941	TEST DATE
CONTACT PN:	206071-1	3.23.05
WIRE PN:	M22759 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 7-01 (GTC #1012)	Harvie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 2-00 (GTC #833)	WORK ORDER NO.
SELECTOR VALUE:	3	112044
TEST EQUIP # (Last CAL date):	Alphatech 2004 (6/24/04)	
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:	13.1	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 - LAH - 03 - 0831-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Matha 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)	Matha Villa
DIE/LOCATOR PN (GTC Tool #):	m 22520-206 (GTC # 833)	WORK ORDER NO.
SELECTOR VALUE:	3	112044
TEST EQUIP # (Last CAL date):	7-6-05	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

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

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	<i>Martha Villa 1740</i>	TEST DATE <i>4-20-05</i> TESTED BY <i>Martha Villa</i> WORK ORDER NO. <i>112044</i>
CONTACT PN:	<i>206071-1</i>	
WIRE PN:	<i>M22759/11-249</i>	
CRIMP TOOL PN (GTC Tool #):	<i>M22520/2-01 (GTC-A 833)</i>	
DIE/LOCATOR PN (GTC Tool #):	<i>M22520-2-06 (GTC-A 833)</i>	
SELECTOR VALUE:	<i>3</i>	
TEST EQUIP # (Last CAL date):	<i>7-6-05</i>	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

SPECIAL INSTRUCTIONS (as req):

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELER N/A

PAGE 1

ASSY/FNS LAT-DS-02830-01
PART, TRS I/P IWO

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

LIST #
CTY 17
INCLUTS P17300
CUST# 15356

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

APPROVAL
PROD: YH/2/3/05
QA: YH/2/9/05

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

LOT NO.	LOT QTY	SERIAL NUMBERS	SEQ NO.	REASON	APPRV #DATE
A ¹	13	N/A	6		mm 3/1/05
B	4	N/A	6	TO move.	mm 3/1/05
A ²	2	N/A	6	TO move	mm 3/1/05

(wobdr rev 05.19.04 glh)

LINE DEPT MACH# QTY 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 PD/PL OUTSTANDING EQ'S
 ASSY & PL: LAT-DS-02830 53 NONE
 (REFERENCE ASSY/PL LAT-DS-02388 FOR RTV APPLICATION ROT)
 TEST SPEC: N/A
 ASSY AID: N/A
 CUSTOMER NAME: SLAC
 ***** BUILD DOCUMENTS *****
 USE... TRAVELER AND DRAWING
 (REV'D/PRP'D BY: GH (DATE)DATE: 02.03.05

DATE... QTY.. REMARKS STATUS

2-9-05 _____ YH



WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

VPNS LAT DS-02630-01
CABLE, TPS 1/P DWR

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

CUST P#
QTY 19
PROJECT# F17300
CUST# 15356

.....
LIS 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, CONNECTOR, AND RTV.

DATE QTY
2/10/05 19

REMARKS.....

STATUS

Handwritten signature

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NFM

PAGE 3

7/TNF LAT-05-02830-01
CABLE, TFS 1/P FWR

WO# 112043
REQ DATE 02-09-05
REL DATE 03-01-05
SOR
PO# 0000048800

CHRT P#
QTY 19
PROJECT# P17300
CUST# 15356

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



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

..... THIS LEAD ASSY USES TWISTED-PAIR (RED/WHI) WIRE
* CRIMP TEST SETUP - GTC-2081.

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

* STRIPPING METHOD -- ALL ASSEMBLY AND TEST ACTIVITY

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

*ELBANS SMALL MACH #4900-
1/16-103*

* 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 SLAG, 1/8" (.125").
- 3) CUT THE WIRE OFF AT THE INDICATED LENGTH, AND QUANTITY.
* CUT 10 PAIRS TO 9-1/2" (9.50") LONG.
- 4) STRIP SECOND END USING THERMAL TWEEZERS, 1/4".
- 5) TIN SECOND END BY SOLDER DIP. CLEAN WITH ALCOHOL.
- 6) PULL INSULATION SLAG AND CRIMP CONTACT (22D) ONTO LEAD.
USE M22520/3-01 CRIMPER W/ M22520-2-09 TURRET/LOCATOR.

3/16-103

*1/16-3.8-05 #194/
L.H. 3/8/05
205(QA)*

* POST-ASSY CRIMP TEST...

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

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

DATE	QTY	REMARKS	STATUS
2/18/05	4	4 sets of 10 10	Pm1970
3/8/05	1	1 set of 10-10 (Rework)	CVD1920
3/17/05		2 set of 10	MV, Dm, mm. -10?
3-16-05-4		set of 10	MV 1743
3/16/05		4 sets of 10 strip only	

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

7 PNF IAT-DS-02830-01
7 CADL5, TFS 1/P PWR

WOS 112043
REQ DATE 02-09-05
REL DATE 02-03-05
SOS
FOR 0000048600

CUST P#
QTY 10
PROJECT# 217300
CUST# 15356

PAGE 4

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



4 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OP# SLOR-20 ASSY-R0

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

ERR#(S)

DATE	QTY	REMARKS	STATUS
2/22/05	40	30	STARTED
3/9/05	10	Restripped ok	END



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

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

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

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

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

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

WO# 112043
REQ DATE 02-02-05
REL DATE 02-03-05
NO#
PO# 0000018800

CUST PN
QTY 19
PROJECT# F17300
CUST# 15356

PAGE 5

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



6 200 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
MFE: SLDK-0 ASSY-24

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

DR#(S)

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

DATE 3/14/05 QTY 2 REMARKS..... STATUS



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

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

PO# 31695 EXP. DATE 7-10-2005 air cured overnight.
MC 3-17-05

DATE START STOP

DATE 3-16-05 QTY 2 REMARKS..... STATUS ME/Am 1262

CLEAR Defect Report #2452
for 3 wires

AB 2-25-05

3-14-05 22 1: post wires
with tin and length



WORK CELL: 4-MIXED

CUSTOMER: SIAM

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

AF WK LAT-DS-02810-01
A CABLE, TFS I/P PWR

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

UNIT# 19
QTY 19
PROJECT# F17300
CURT# 15356

PAGE 6

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



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.

DRR#(S) _____

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

DATE	QTY	REMARKS	STATUS
3/17/05	2		
_____	_____	_____	_____
_____	_____	_____	_____



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

BY LINE ITEM

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

FULLED:

FULLED BY:

LIT	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RESV IN	LOT #	INVLAC	LOT NUMBER	INVENTORY DETAIL			
			QUANTITY	STAT					QUANTITY	LOT	LOT DATE	BIN
1	206500 CONN (311P407-2P-B-15) ORIGINAL QUANTITY...	EA	1.00	BO	19.00			SKCF2 FN-1	0.00			

The following parts have been defined as alternates for 206500-1:
LIT 1.1 311P407-2P-B-15 1 PER
Partial quantity replacements are allowed.

2	M22759/11-24-2/3 WIRE, 24AWG RED/WHIT ORIGINAL QUANTITY...	IN	300.00	RSVD	5700.00	115300		SKCF2 FN-2	115300	11597.00	10-01-04	
---	--	----	--------	------	---------	--------	--	---------------	--------	----------	----------	--

3	204370-8 PIN, CRIMP ORIGINAL QUANTITY...	EA	20.00	RSVD	380.00	114756		SKCF2 FN-3	114756	401.00	09-23-04	IN ASSY
---	--	----	-------	------	--------	--------	--	---------------	--------	--------	----------	---------

The following parts have been defined as alternates for 204370-8:
LIT 3.1 60581 1 PER
Partial quantity replacements are allowed.

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

FULLED:

FULLED BY:

Assy

CRIMP TENSILE STRENGTH LAT-DS-02830-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Martha Villa / 174	TEST DATE
CONTACT PN:	201370-8	3-16-05
WIRE PN:	173759/11-01-2/9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	173750 12-01 (GTC-A 1014)	173750
DIE/LOCATOR PN (GTC Tool #):	173750 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:	17.6	17.5	17.4
PASS/FAIL (circle test result)	PASS	FAIL	PASS
	Type of Separation Observed		
SLIP (pull out) (a)			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)	✓	✓	✓
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)			
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			

SPECIAL INSTRUCTIONS (as reqd):

Assy.#

CRIMP TENSILE STRENGTH LAT-DS-02830-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD	
CRIMP OPERATOR NAME/EMP #:	Martha Villa 1143		TEST DATE
CONTACT PN:	204370-8		3-14-05
WIRE PN:	M33754/4-24-3/9		TESTED BY
CRIMP TOOL PN (GTC Tool #):	M33530A 01 (GTC-A101A)		Martha Villa
DIE/LOCATOR PN (GTC Tool #):	M33530A 01 (GTC-434)		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):

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE - PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

ASSY/PN: LAT-DS-01481
PCRY: GLAST: DAC: TEM

MO# 112116
REQ DATE 04-29-05
REL DATE 04-29-05
SQ# P17200
PO# 0000049799

CUST PA QTY
PROJECT# P17200
CUST# 19299

SERIAL NUMBER
GT115 GLAT1804

APPROVAL
PROC RLH/4/27/05
DATE 4.27.05

WORKORDER#
IPC/EIA-J-STD-001C CLASS 3, WITH 'CS' SPACE SUPPLEMENT
SLAC QAR MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE
OF ANY STEP OF THE TRAVELER/WORK ORDER. SLAC QAR MAY
INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP.
g.m 09.28 0

LI# DEPT MACH# OP# DESCRIPTION SET-UP HOURS
ROW LINE-MACH ST-LOC



1 200 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0100
CONFIG

***** CONFIGURATION DOCUMENTS *****
DOCUMENT NUMBER REV ED/PL OUTSTANDING EO'S
ASSY DWG. LAT-DS-01481 04 NONE
SOM ED. (SAME - ON DWG)
CUST SQW. LAT-DS-01481 03 NONE
EO# TEST: (N/A THIS LEVEL)
ASSY AID: LAT-DS-01481 - (RELEASED PER EC 2426)
CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)
***** BUILD DOCUMENTS *****
USE... WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS
***** SEE FOOTER OF WORK ORDER FOR REV HISTORY *****

DATE QTY REMARKS STATUS
4-27-05 _____ RLH



2 201 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000
KITTING

PROCESS MATERIAL PER QAA STEP 21

DATE QTY REMARKS STATUS
4/27/05 _____ RLH



TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/PKG LAT-08-01491
BLAST. BAG. TAN

W# 111116
MFG DATE 04-29-05
REL. DATE 04-29-05
CUP # 1
P# 000046790

CUST #
QTY 1
PROJECT# P17100
CUST# 15354

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



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:

ADHSV 0161: GTC PC# 31403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START: 07/25/05 1:30 PM STOP: 3:30 PM

DATE	QTY	REMARKS	STATUS
<u>07/25/05</u>	<u>1</u>	<u>GLAZ 1809</u>	<u>Buy(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 90-100R: GTC PC# 31201 EXPIRATION DATE 04/27/07
LOT # (PT A): 2004 09080033

LOT # (PT B): 2004 07020071

MIX RECORD (PT A WGT): 10gr (PT B WGT): 0.6gr

MARKING DATE/TIME: 07/25/06 1:30 PM - 3:30 PM

CURE OCCURS AT STAKING STEP 13.

DATE	QTY	REMARKS	STATUS
<u>07/25/05</u>	<u>1</u>		<u>Buy(1288)</u>



8 310 00 QUALITY ASSURANCE AREA
OFF: SLDX-D ASSY-127 0.0000 0.0000 0.0000

- PROCESS ASSY PER CAA STEP 8

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY	REMARKS
<u>7-26-05</u>	<u>1</u>	<u>Verify Staking 26 places, Marking</u>



TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/PN# 127-15-01492
REV. CLASST. IAO. TEM

WOB 113116
REQ DATE 04-29-05
REQ DATE 04-04-05
SO# 717200
PO# 0000048799

CUST P# 1
PROJ# 17200
CUST# 19395

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



09 241 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
7/26/05	1		



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
07/26/05	1		

Byg (1288)



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

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

TORQUE TOOL # GTC-A-977 GTCE-9511/2
 GTC-B-944 CAL DUE DATE 08/05 08/05

DATE	QTY	REMARKS	STATUS
07/26/05	1		
7/26/05	1	WITNESSES TORQUE	

Byg (1288)



12 221 00 QUALITY ASSURANCE AREA (SEE SLR-2 ASSY 90) 0.0000 0.0000 0.0000

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

DATE	QTY	REMARKS	STATUS
7/26/05	1		



WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

ASBY/SMS LAT-05-01644
GLAST. TRM

WO# 112018
REQ DATE 02-03-05
REL DATE 12 21 04
SOP#
POP# 0200249799

CUST PA
CITY 1
PROJECT# P17200
CUST# 1515F
PAGE 1

SERIAL NUMBER -----
GT115 GLAT1766

APPROVAL -----
ES00 GLAT 2/3/05
CA GH, 2/3/05

WORKMANSHIP:-----
IPC/ISA-J-STD-0010 CLASS 31 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
91n 02 02 05-----

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



1 001 10 CONFIG RECORD/KITTING CONFIG 0.0000 0.0000 0.0000

***** CONFIGURATION DOCUMENTS *****
DOCUMENT NUMBER REV TO/PL OUTSTANDING BO'S
ASSY DWG. LAT-05-01644 37 NONE
S-M P/W. LAT-05-02630 NONE
TEST S/W. LAT-05-02630 NONE
ASSY AID. LAT-05-01644 (REVISION PER EC 228)
CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)
BUILD DOCUMENTS
USE... WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS
*REV'D/PREP'D BY: GH (DATE/DATE, 02.22.05)

845 626-05

DATE	QTY	REMARKS	STATUS
<u>2/3/05</u>			<u>GH</u>



2 001 10 STOCKROOM/KITTING AREA KIT PARTS 0.0000 0.0000 0.0000

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

DATE	QTY	REMARKS	STATUS
<u>2/3/05</u>			<u>GH</u>

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE PRODUCTION

WORK ORDER TRAVELLER - NEW

ACOM/IN# LAT-DS-01448
MAST. TEM

WOP 112015
REQ DATE 02-03-05
REL DATE 12-31-04
SO#
PO# 0000048759

CUST PO
CITY 1
PROJECT# P17300
CUST# 15355

PAGE 2

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



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

* PROCESS PER CAA STEP 3.

DATE	QTY	REMARKS	STATUS
2-7-05	1		OK



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

* PROCESS PER CAA STEP 4.

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

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.

GIC PO# 31729 EXPIRATION DATE 7/11/05

DATE	QTY	REMARKS	STATUS
2/11/05	1		TD

4-56 .0063
 4-55 .0064
 R-391 .0063
 C-361 .0062
 C-374 .0064
 W-52 .0063
 4-52 .0064
 4-52 .0064

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/PC# LAU-DS-01646
SLASH, TRM

WOB# 112015
ASO DATE 02-03-05
REL. DATE 12-21-04
SOP
PC# 0000048799

CUST. P#
QTY 1
PROJECT# 711200
CUST# 10090

PAGE 3

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



6 213 00 SMT ASSY LINE 10.0000 10.0000 10.0000
PICK-N-PLACE PARTS

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

FN-19 US 1673 U4 1677 U5 1670 U6 1780
 FN-28 US4 1644 US5 1627 US6 1760 US7 1620
 US8 1649 US9 1650 US0 1619 US1 1643

DATE	QTY	REMARKS	STATUS
<u>2/9/05</u>	<u>1</u>		<u>N/A</u>



7 213 00 SMT ASSY LINE 0.5000 0.5000 0.5000
SOLDER REFLOW

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

DATE	QTY	REMARKS	STATUS
<u>2/9/05</u>	<u>1</u>		<u>N/A</u>



8 213 00 SMT ASSY LINE 0.1000 0.1000 0.1000
ADDRESS CLEAN

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

DATE	QTY	REMARKS	STATUS
<u>2/9/05</u>	<u>1</u>		<u>SM</u>

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/PNT LAT-DS-01644
GLAST, TEM

WOP 112015
REQ DATE 02-03-05
REL DATE 12-21-04
JOB
PO# 0000048799

CUST #
PROJECT# P17000
COST# 16355

PAGE 4

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



0 290 00 QUALITY ASSURANCE AREA 0 4400 0.4400 0.4400
CPE: SLDR-4193 ASSY-5203

* PROCESS PER CAA STEP 9.

** RECORD DEFECT RECORD NUMBER(S) BELOW.

DR#15:

29538

DATE	QTY	REMARKS	STATUS
2/19/05	1	115	OK



10 210 02 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
PRE-WAVE BAKEOUT

* PROCESS PER CAA STEP 10

BAKE DATE: 2/5/05 START: 7:15 STOP: 9:15

DATE	QTY	REMARKS	STATUS



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

* PROCESS PER CAA STEP 11

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

TOOL# 4/5/05 CAL DUE DATE 8/05 ASG Box

GTC-A-972
GTC-E-944

DATE	QTY	REMARKS	STATUS
4/5/05	1		1337



12 015 01 WAVESOLDER 0.5000 0.5000 0.5000
WAVE SOLDER

* PROCESS PER CAA STEP 12.

DATE	QTY	REMARKS	STATUS
2/5/05	1	good flow	1334
4.5.05	1		7

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

WORK ORDER: LAT-DS-01646
GLAST, TEM

WOM 112015
REQ DATE 04-03-05
REL DATE 12-21-04
SC#
PC# 0000048799

CUST Q#
QTY 1
PROJECT# P17200
CUST# 15154

PAGE 5

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



13 215 00 WAVESOLDER
ACC0009 CLEAN 0.2000 0.2000 0.2000

* PROCESS PER CAA STEP 13.

DATE	QTY	REMARKS	STATUS
4/5/05	1		mc 1337



14 230 00 QUALITY ASSURANCE AREA
SPE: SPCR-600 ASSY-59 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 14.

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

DEFS(S)

30544

DATE	QTY	REMARKS	STATUS
4/6/05	1	1.5	



219 00 CCA/BLACK BOX ASSY AREA
R000006 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 19.

DATE	QTY	REMARKS	STATUS
4/7/05	1		mc 1337



220 00 CCA/BLACK BOX ASSY AREA
ACC00101 CLEAN 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 14.

DATE	QTY	REMARKS	STATUS
4/7/05	1		mc 1337

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 4

WNS LAC-DG-01048
CCA, GLAST, TEM

WOB# 112015
REQ DATE 02-03-05
REL DATE 12-21-04
SO#
PO# 0000048733

CUST #
QTY 1
PROJECT# P17200
COST# 19358

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



17 270 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
CPE FLDR-200 ASSY-0

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

DRR#(S):

DATE	QTY	REMARKS	STATUS
4/7/05	1		OK



18 210 00 CCA/BLACK BOX ASSY AREA 0.0000 2.0000 0.0000
POST WAVE ASSY-FPGA#

* PROCESS PER CAA STEP 18.
ADHESIVE PO# 32131 EXP. DATE 10/1/05
FPGA SERIAL #'S: U45 40495 U42 50204

DATE	QTY	REMARKS	STATUS
5/11/05	1		FAIL



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

* PROCESS PER CAA STEP 19.

DATE	QTY	REMARKS	STATUS
5/14/05	1	5/14/05	1337



20 210 00 CCA/BLACK BOX ASSY AREA 0.0000 2.0000 0.0000
POST WAVE ASSY-DG, DN, DE

* PROCESS PER CAA STEP 20.

DATE	QTY	REMARKS	STATUS
5/10/05	1		1337

WORK CELL: MIXED

CUSTOMER: SLAU

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 7

/EN4 LAT-ES-01648
CLASS. TEM

WOB# 112015
REQ DATE 02-03-05
REL DATE 12-21-04
COP# 0000048799

CUST #
QTY 1
PROJECT# 117200
CUST# 15111

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



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

* PROCESS PER CAA STEP 21.

DATE	QTY	REMARKS	STATUS
5/10/05	1	5/11 115	me 1337



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

* PROCESS PER CAA STEP 22.

DATE	QTY	REMARKS	STATUS
5/10/05	1		me 1337



23 290 00 QUALITY ASSURANCE AREA 0.0000 0.2000 0.2000
CPE: SLDK-217 ASSY-236

* PROCESS PER CAA STEP 23.

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

DRR#(S):

DATE	QTY	REMARKS	STATUS
5/11/05	1		



24 255 00 SPEA LOT 0.9100 0.9100 0.9100
SPEA TEST

* PROCESS PER CAA STEP 24.

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

TDR#(S):

DATE	QTY	REMARKS	STATUS
5-11-05	1	GT 115 M. Liu	Pass

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

WV: LAT-05-01644
CCA, CLAST, TEN

WO# 112315
RDO DATE 03-03-05
REL DATE 11-21-04
POS 0000048792

CUST #
CITY 1
PROJECT# F17100
COST# 15356

PAGE 6

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



5/11/05

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

5/11/05 m1337 - 05-11-05 M.D.
 5/11/05 m1337 5/12/05
 5/12/05 m1337 5/12/05
 5/12/05 m1337 5/12/05

- * PROCESS PER CAA STEP 05.
- ** RECORD ASSIGNED TOOLS USED, AND CAL DUE DATE, BELOW.

TOOL # 67C-5-944 CAL DUE DATE 8-05

DATE	QTY	REMARKS	STATUS
5/12/05	1		m1337



05 037 00 QUALITY ASSURANCE AREA
OPR: SLDR-334 ASSY-103 6.6800 5.6800 5.6800

- * PROCESS PER CAA STEP 05.
- ** RECORD DEFECT RECORD REPORT NUMBER(S) BELOW.

DRP#(S): _____

DATE	QTY	REMARKS	STATUS
5/13/05	1		

WORK CELL: 4-MIXED

CUSTOMER: SLAC

77 77 PRODUCTION

WORK ORDER TRAVELLER - NEW

Asst/TN: LAT-05-01045
CAA: GLAST, TEM

W# 112018
REQ DATE 03-03-05
REL DATE 12 21-04
SCV
PO# 0000149799

CUST P#
QTY
PROJECT# P17310
CUST# 18354

PAGE 3

11A LEPT MACH# OP# DESCRIPTION SET UP RLY... LINE-MACH ST. LOT



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

S/N 115

- * PROCESS PER CAA STEP 27.
- * RECORD MATERIAL DATA BELOW:

RTV DC6-1104: GTC PO# 31695 EXPIRATION DATE 8-21-05
ADMSV 0151: GTC PO# 31403 EXPIRATION DATE 1-31-07

0151 ADHESIVE MIX RECORD (RECORD PER BATCH)

	BATCH #1	BATCH #2	BATCH #3	BATCH #4
RESIN WGT:	<u>3.1g</u>			
HARDENER WGT:	<u>1.0g</u>			
CURE DATE:	<u>5-16-05</u>	START: <u>9:17</u>	STOP: <u>11:22</u>	

DATE	QTY	REMARKS	STATUS
<u>5-13-05</u>	<u>1</u>		<u>P.O. 1946</u>



290 00 QUALITY ASSURANCE AREA
SPE: SLDR-0 ASSY-104 0.1000 0.1000 0.1000

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

DATE	QTY	REMARKS	STATUS
<u>5/16/05</u>	<u>1</u>		<u>62</u>



29 010 00 SOURCE INSPECTION
SEE CAA FOR INSPECTION
BEFORE SHIPMENT TO SLAC 0.0000 0.0000 0.0000

- * PROCESS PER CAA STEP 29
- * PLEASE RETURN CAA TO CA FOR SHIPMENT.

DATE	QTY	REMARKS	STATUS
<u>5/26/05</u>	<u>1</u>	<u>GLAST 1766</u>	<u>LA TO QA</u>

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER: TRAVELLER NEW

A. / IN# 147-DS-01646
CAA: GLASS, TEM

WO# 113018
REQ DATE 03-03-08
REL DATE 11-11-04
CO#
PO# 0000049700

CUST #
QTY 1
PROJECT# 1
CUST# 0010000
00000

PAGE 10

LINE DEPT MACH# OP# DESCRIPTION H C U R S
SET-UP RUN LINE-MACH 90-100



30 259 00 PACKAGING/SHIPPING INSP
PACK & SHIP CCA 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 30

DATE	QTY	REMARKS	STATUS
06/02/05	1		EXP (1288)
07/10/05	1		BLP (1288)



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

* PROCESS PER CAA STEP 31

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

DEFECT(S)

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

DATE	QTY	REMARKS	STATUS
10/23/05	1		
7/20/05	1		

*Return to Steve for return of
concrete.*

7/1/05



32 281 00 SOURCE INSPECTION
SLAC WAS PRE-COAT INSP.
MANDATORY INSPECTION
POINT 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 32

DATE	QTY	REMARKS	STATUS
7.20.05	1	GCAT 1766	



WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

VEN: LAI-DS-01644
CCA: BLAST, DEM

WOB# 112019
DATE# 02-03-05
DATE# 12-21-04
PO# 0000048799

CUST #
CITY
PROJECT# P17200
COST# 15356

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LINE: CMT MACH# OFF DESCRIPTION..... HOURS
SET-UP RUN LINE-MACH ST-DOT



23 231 00 CCA/BLACK BOX ASSY AREA
ALCOHOL/DI CLEAN AND TEST
THE CLEANLINESS OF CCA 0.2000 0.2000 0.2000

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

DATE	QTY	REMARKS	STATUS
7/21/05	1		mmt48
7/21/05	1	Test Clean	HW



24 291 00 QUALITY ASSURANCE AREA
OPE. SLDG-0 ASSY-11 0.0000 0.0000 0.0000

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

DATE	QTY	REMARKS	STATUS
7/21/05	1		



29 260 70 COATING/POTTING AREA
MASK & CONFORMAL COATING 0.6000 0.6000 0.6000

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

BAKE DATE: 7-21-05 START: 7:45 STOP: 9:45

DATE	QTY	REMARKS	STATUS
7-21-05	1	Bake & Mask	js

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

A. W# LAT-DS-01446
CAA: GLAST. TEM

W# 110015
REL. DATE 03-03-05
REL. DATE 12-21-04
P# 000048799

CUST #
CIC
PROJECT# 18354
CUST# 18354

PAGE 13

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



36 050 00 COATING/POTTING AREA 0.0000 0.0000 0.0000
SPRAY CONFORMAL COAT

* PROCESS PER CAA STEP 36.

CONFORMAL COAT MATERIAL PO# 32174
EXP. DATE: 12-15-05

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

DATE: 7/21/05 START: 10:30 AM STOP: 12:45 PM

DATE	QTY	REMARKS	STATUS
<u>7/21/05</u>	<u>1</u>	<u>COAT</u>	<u>Dm/1035</u>



37 257 00 COATING/POTTING AREA 0.0000 0.0000 0.0000
TOUCHUP / CURE-OVEN BAKE

* PROCESS PER CAA STEP 37.

FAST BAKE DATE: 7/21/05 START: 12:45 PM STOP: 4:00 PM

TOUCHUP BAKE DATE: 7/22/05 START: 7:20 AM STOP: 10:40 AM

DATE	QTY	REMARKS	STATUS
<u>7/21/05</u>	<u>1</u>	<u>UNMASK</u>	<u>HN</u>
<u>7/22/05</u>	<u>1</u>	<u>TOUCHUP</u>	<u>Dm/1035</u>
<u>7/22/05</u>	<u>1</u>	<u>TOUCHUP BAKE</u>	<u>Dm/1035</u>

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 13

PN# LAT-DS-01446
CUST. SLAST. TEM

WC# 112015
MFG DATE 02-03-06
REL DATE 12-21-04
SQ#
PC# 0000046709

CUST PA
CITY
PROJECT#
CUST#

LI: DEPT MACH# QTY DESCRIPTION..... H O U S
SET-UP MON. LINE-MACH ST-LOT1



38 280 00 QUALITY ASSURANCE AREA 0.5000 0.0000 0.5000
COP: SLAS-A ASSY-95

- * PROCESS PER CAA STEP 18
- ** RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

DEPT: 01

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

- MATERIAL CERTIFICATIONS
- SPEA TEST DEFECT REPORTS
- INSPECTION DEFECT REPORTS
- NON-CONFORMANCE REPORTS
- FORM GTC-12; DOC REV RECORD
- NO. LOTS REPKD.
- DIGITAL PHOTOGRAPHS, RECORDED ONTO CD

DATE	QTY	REMARKS	STATUS
7/22/05	1		



00 280 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
CST

- * PROCESS PER CAA STEP 33
- NOTE: NEXT ASSEMBLY IS LAT-DS-01481
- ** PLEASE RETURN INSPECTED CCA TO QA UPON COMPLETION **

DATE	QTY	REMARKS	STATUS
7/25/05	1	GLAT 1766	

ASSEMBLY # : LAT-DS-01646
NO QUANTITY : 1
LOCATION: W03

BY LINE ITEM

EFFECTIVITY DATE: 02-09-06
RELEASE DATE : 11-21-04
DATE PRINTED : 03-04-06

LINE PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURA STATUS	REQY IN STAT QUANTITY	REQY IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL		
									LOC QUANTITY	LOC DATE	BIN
1	LAT-DS-01649 SMD, TEM ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	120299	SKCP2 FN-D1	120299 PULLED	18.00	09-11-07	1 ✓
2	LAT-DS-01026 FLASK, CONN, TEM ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	114784	SKCP2 FN-D8	114784 PULLED	18.00	06-19-07	1 ✓
3	LAT-DS-01031 PIN, CONNECTOR, TEM ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114785	SKCP2 FN-D7	114785 PULLED	36.00	06-19-07	2 ✓
4	NAG1352N02-8 SCREW ORIGINAL QUANTITY...	EA	26.00	RSVD	26.00	114786	SKCP2 FN-D11	114786 PULLED	546.00	09-23-04	26 ✓
5	LAT-DS-01592 STANDOFF ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114787	SKCP2 FN-D8	114787 PULLED	35.00	09-23-04	2 ✓
6	MS51957-11 SCREW, PWRD, 4-40 X ORIGINAL QUANTITY...	EA 100	2.00	RSVD	2.00	93945	SKCP2 FN-D10	93945 PULLED	291.00	11-24-01	C3F
							FN-D10	114788 PULLED	78.00	09-23-04	2 ✓
7	NA6621-C2 FLAWASHER ORIGINAL QUANTITY...	EA	52.00	RSVD	52.00	114789	SKCP2 FN-D4	114789 PULLED	1052.00	09-23-04	52 ✓
8	MS24671-2 SCREW ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114790	SKCP2 FN-D8	114790 PULLED	84.00	09-23-04	4 ✓
9	NA6471-C2 NUT ORIGINAL QUANTITY...	EA	26.00	RSVD	26.00	114791	SKCP2 FN-D4	114791 PULLED	520.00	09-23-04	26 ✓
10	LAT-DS-02588 RISKY, CABLES, CONN, TEM ORIGINAL QUANTITY...	EA	1.00	BO	1.00		SKCP2 FN-D8	26.71 PULLED			0
11	7191 ADHESIVE, HY206, 402 MIX ORIGINAL QUANTITY...	CS	1.00	BO	1.00		SKCP2 FN-D11				0
12	UV-2946 EPI-UV2946, TECH ORIGINAL QUANTITY...	CS	1.00	BO	1.00		SKCP2 FN-D11				0
13	8781 SULFONAMIDE COATING UNBLAKE ORIGINAL QUANTITY...	CS	1.00	BO	1.00		SKCP2 FN-D11				0

ASSEMBLY # : LAT DS-01546
MATERIAL :
W. CAUTION: NOZ

BY LINE ITEM

ISSUE ACTIVITY DATE: 09-09-04
DATE PRINTED: 09-09-04

DATE FILLED: _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STAT	REQUIREMENTS STATUS	RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL	LOT QUANTITY	LOT DATE	SIN	SIN QUANTITY
14	DC6-1104 ADHESIVE ORIGINAL QUANTITY...	02	1.00	RSVD		1.00	SXCF2 FN-D14			0.00			00
15	CR111PH10SKB CAPACITOR ORIGINAL QUANTITY...	EA	36.00	RSVD		36.00	120254			36.00	12-02-04		36
16	CR111PH475KBR CAPACITOR ORIGINAL QUANTITY...	EA	2.00	RSVD		2.00	120285			2.00	12-16-04		2
17	CR111PH475KXUS CAPACITOR ORIGINAL QUANTITY...	EA	53.00	RSVD		53.00	114799			2235.00	09-23-04		53
18	CR101PH475KXUS CAPACITOR ORIGINAL QUANTITY...	EA	49.00	RSVD		49.00	114800						49
19	CR111PH475KXUS CAPACITOR ORIGINAL QUANTITY...	EA	249.00	RSVD		249.00	114801						249
20	CR111PH475KXUS CAPACITOR ORIGINAL QUANTITY...	EA	16.00	RSVD		16.00	114802						16
21	CR111PH475KXUS CAPACITOR ORIGINAL QUANTITY...	EA	9.00	RSVD		9.00	114803						9
22	CR111PH475KXUS CAPACITOR ORIGINAL QUANTITY...	EA	4.00	RSVD		4.00	114804						4
23	CR111PH475KXUS CAPACITOR ORIGINAL QUANTITY...	EA	3.00	RSVD		3.00	114805						3
24	CR111PH475KXUS CAPACITOR ORIGINAL QUANTITY...	EA	2.00	RSVD		2.00	114806						2

ASSEMBLY # : LAT-DS-01645
WIP QUANTITY : 1
LOCATION : W03

BY LINE ITEM

RESPONSIBILITY DATE: 02-03-05
RELEASE DATE: 02-21-05
DATE PRINTED: 02-04-05

DATE PULLED: _____

FULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		REQ IN QTY	LCC #	INVLDC	LCC NUMBER	INVENTORY DETAIL		BIN	BINLOC QUANTITY
			REQUIRED QUANTITY	CURR STATUS					LOT	DATE		
25	SMD050 FUSE, RAYCHEM/POLYSWICH ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114807	SKCPS FN-13	114807 F8 F9	100.00	09-23-04	4	4
26	SMD075 IC ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114926	SKCPS FN-13	114926 F9	100.00	09-24-04	4	4
27	MAX145AUA IC ORIGINAL QUANTITY...	EA	36.00	RSVD	36.00	120286	SKCPS FN-13	120286 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 U36 U37 U38 U39 U40 U41 U42 U43 U44 U45 U46 U47 U48 U49 U50 U51 U52 U53 U54 U55 U56 U57 U58 U59 U60 U61 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	45.00	12-16-04	300	300
28	MAX512AEE IC ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114910	SKCPS FN-13	114910 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 U36 U37 U38 U39 U40 U41 U42 U43 U44 U45 U46 U47 U48 U49 U50 U51 U52 U53 U54 U55 U56 U57 U58 U59 U60 U61 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	47.00	09-23-04	2	2
29	LAT-DS-03895 IC ORIGINAL QUANTITY...	EA	1.00	BO	1.00		SKCPS FN-13	U1 U2 PULLED:	0.00		A	A
30	LAT-DS-03894 IC ORIGINAL QUANTITY...	EA	1.00	BO	1.00		SKCPS FN-13	U1 U2 PULLED:	0.00		A	A
31	LAT-UD-01614 IC ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114813	SKCPS FN-19	114813 U3 U4 U5 U6	80.00	09-23-04	4	4
32	99629900101VXC IC ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	114814	SKCPS FN-20	114814 U53 PULLED:	32.00	09-23-04	1	1
33	996299002030YC IC ORIGINAL QUANTITY...	EA	5.00	BO	5.00		SKCPS FN-20	U46 U47 U48 U50 U54 PULLED:	0.00		C	C
34	LAT-UD-01617 IC ORIGINAL QUANTITY...	EA	8.00	RSVD	8.00	114816	SKCPS FN-19	114816 U56 U57 U58 U59 U61 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	121.00	02-23-04	8	8
35	HTD0225X00 WIRE BOND NUMBER ORIGINAL QUANTITY...	EA	151.00	RSVD	151.00	114817	SKCPS FN-19	114817 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 U36 U37 U38 U39 U40 U41 U42 U43 U44 U45 U46 U47 U48 U49 U50 U51 U52 U53 U54 U55 U56 U57 U58 U59 U60 U61 U62 U63 U64 U65 U66 U67 U68 U69 U70 U71 U72 U73 U74 U75 U76 U77 U78 U79 U80 U81 U82 U83 U84 U85 U86 U87 U88 U89 U90 U91 U92 U93 U94 U95 U96 U97 U98 U99 U100	151.00		151	151
36	MS812K100B-20R RESISTOR,CHIP 100K 1% CH ORIGINAL QUANTITY...	EA	55.00	RSVD	55.00	114815	SKCPS FN-19	114815 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 U36 U37 U38 U39 U40 U41 U42 U43 U44 U45 U46 U47 U48 U49 U50 U51 U52 U53 U54 U55 U56 U57 U58 U59 U60 U61 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	55.00		55	55

ASSEMBLY # : LAT-03-01646
QUANTITY : 1
LOCATION: W02

BY LINE ITEM

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

DATE PULLED: _____ PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UOM	REQUIRED QUANTITY	CURR STATUS	RESV IN	LOT #	INVENTORY DETAIL				
							INVLN NUMBER	QUANTITY	LOT DATE	SIN BINLOC QUANTITY	
36	M55342K061500R RESISTOR,CHIP,100W,1K OH	EA	55.00				114970	178.00	09-27-04		
							FN-38 R113 R24				
							PULLED:				
Cont from prior page.											
37	M55342K061500R RESISTOR,CHIP,100W,1M OHM ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114919	SKCP3 114919 FN-38 R174 R175	690.00	09-23-04		
			2.00				PULLED:				
							FN-29 R174 R175	217.00	09-27-04		
							PULLED:				
38	M55342K061000R RESISTOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114920	SKCP3 114920 FN-33 R165 R166	116.00	09-23-04		
			2.00				PULLED:				
							FN-32 R165 R166	212.00	09-27-04		
							PULLED:				
39	M55342K062220R RESISTOR	EA	205.00	RSVD	205.00	114921	SKCP2 114921 FN-32 R165 R166	5180.00	09-23-04		
							PULLED:				
	ORIGINAL QUANTITY ...		205.00								
	M55342K061000R RESISTOR,CHIP,100W,100 OHM	EA	60.00	RSVD	60.00	114922	SKCP3 114922 FN-32 R165 R166	480.00	09-23-04		
							PULLED:				
	ORIGINAL QUANTITY...		60.00								
							FN-32 R165 R166	6.00	09-27-04		
							PULLED:				
41	M55342K061000R RESISTOR,CHIP,100W,100K	EA	50.00	RSVD	50.00	114923	SKCP3 114923 FN-32 R165 R166	590.00	09-23-04		
							PULLED:				
	ORIGINAL QUANTITY...		50.00								
							FN-32 R165 R166	4.00	09-27-04		
							PULLED:				
42	M55342K061000R RESISTOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114924	SKCP3 114924 FN-32 R165 R166	152.00	09-23-04		
			2.00				PULLED:				
	M55342K061000R RESISTOR,CHIP,100W,100K	EA	2.00	RSVD	2.00	114925	SKCP3 114925 FN-41 R165 R166	38.00	09-23-04		
			2.00				PULLED:				
							FN-41 R165 R166	46.00	09-27-04		
							PULLED:				
44	5002R5665100V0 LC	EA	4.00	RSVD	4.00	120220	SKCP3 120220 FN-41 R165 R166	50.00	12-16-04		
							PULLED:				

Handwritten mark resembling a large '7' or 'A'.

Handwritten signature or initials.

Handwritten signature or initials.

Handwritten number '205' with a checkmark.

Handwritten number '60' with a checkmark.

Handwritten number '50' with a checkmark.

Handwritten signature or initials.

Handwritten signature or initials.

ORIGINAL QUANTITY... 4.00

PULLED:
C14804
FN-21 U49 USC US1 W61
PULLED:

4.00 09-23-04 DRY-10

AS : 'Y' : LAT-DS-01446
WC : 'Y' :
MT : LOCATION: M02

BY LINE ITEM

RESPONSIBILITY DATE: 02-03-05
REVISION DATE: 11-21-04
DATE PRINTED: 03-04-05

DATE PULLED: _____

PULLED BY: _____

LT#	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	STAT QUANTITY	REQ# IN LOT #	INVLOC NUMBER	INVENTORY DETAILS						
								LOT	LOT QUANTITY	LOT DATE	LOT LIFE			
45	M55342YD684009R RESISTOR,CHIP,100W,49.9 ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114827	SKC71 FN-34	114827 R644 R649	R650 R651	234.00	09-23-04			
			4.00							17.00	03-23-00	CP3D	4 ✓	
46	M55142K09D1F00R RESISTOR ORIGINAL QUANTITY :	EA	2.00	RSVD	2.00	114828	SKC72 FN-33	114828 R531 R592		85.00	09-23-04			
			2.00							229.00	09-27-04		2 ✓	
47	M55142K0685E01K RESISTOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114829	SKC73 FN-30	114829 R642 R643		240.00	09-23-04			
			2.00							232.00	09-27-04		2 ✓	
48	M55142K0681020R RESISTOR,CHIP,100W,10K 0 ORIGINAL QUANTITY...	EA	25.00	RSVD	25.00	114830	SKC74 FN-32	114830 R644 R645		114830 R646 R647	114830 R648 R649	114830 R650 R651	04 CP3D	
			25.00							114830 R646 R647	114830 R648 R649	114830 R650 R651	04 CP3D	23 ✓

CCA P/N: LAT-DS-01646 GLAT1766 GT115

W.O. #: 112015

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

Date: 7/21/05

MIX RATIOS

Coating TYPE: ARATHANE Mfr: HUNTSMAN

Lot Number: AK5DB8D66A Expiration Date: 12-15-05

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

AIR CURE: 7/21/05 START 10:30AM END 12:45 PM

OVEN CURE: 7/21/05 START 12:45 PM END 4:00 PM

WESTEK

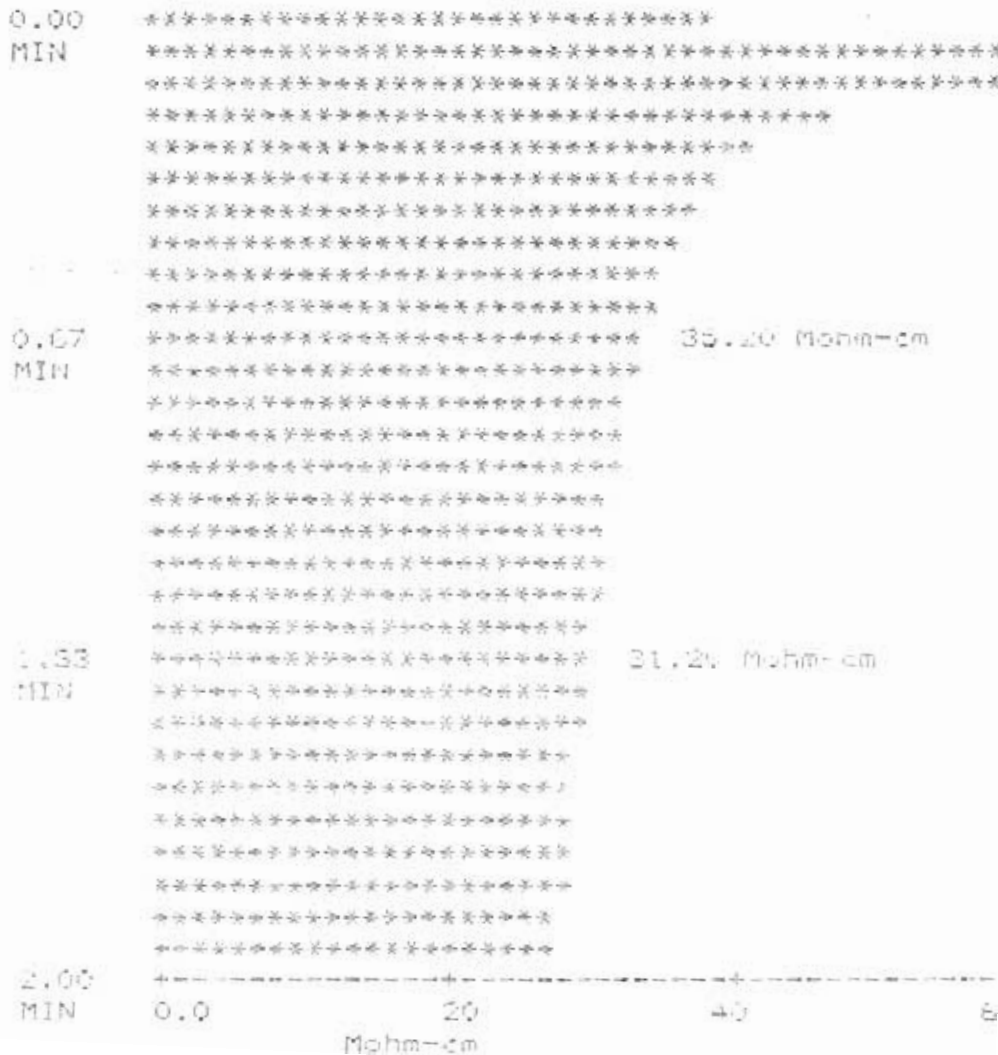
Operator : HANH
07/06/05
23:49:39

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

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

Initial Resistivity : 53.73 Mohm-cm
NaCl Equivalence (Final) : 1.71 uq/sq in

TIME vs RESISTIVITY



DEFECT RECORD REPORT

ID 30544

PART NUMBER: LAT DS-01646

INSPECTION TYPE: HARDWARE

OFF. SOLDIER: 600

WORK ORDER: 112015

INSPECTION LEVEL: 1

OFF. ASSEMBLY: 55

SALES ORDER: F17200

INSPECTOR: EMARTINEZ

DATE: 4/6/2005

QUANTITY: 1 RW QTY: 1

WEEK CODE: 16

CUSTOMER: SLAC

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
115	1	692	S406		EXCESS SOLDER	JC1	
115	1	692	S413		BRIDGING	JT2	

*1337
4/7/05*


offices

REWORK TRAVELER

SO NO: F17300	PART NO: SLAC LAT-DS-01646	REV: 56
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ASSEMBLY NAME: TEM CCA	QTY: 1
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Original signed editions reserved for copying							
APPROVAL	G. POZZI	G. HEFKIN	K. BERGTHOLDT	P. LUJAN			
PREPARED BY	DATE	ENG MOR	DATE	QA MGR	DATE	SLAC SOURCE	DATE
<i>[Signature]</i>	4-18-05	<i>[Signature]</i>	4/18/05	<i>[Signature]</i>	4/18/05	<i>[Signature]</i>	4/17/05
		SUP		ELL			

STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	Record serial numbers: TEM LAT-DS-01646 SN GT- <u>115</u> GLAT- <u>1766</u>	<i>[Signature]</i>	4/20/05	
2	OPERATOR: INSPECT FOR CLEANLINESS AND DEBRIS USE A SOLUTION OF 75% ALCOHOL AND 25% DE-IONIZED WATER. PLACE BOARDS INTO SOLUTION AND USE A SOFT BRISTLE BRUSH TO REMOVE ALL SOLDER BALLS. VIEW BOARDS UNDER A 10X SCOPE AND RECLEAN UNTIL ALL SOLDER BALLS HAVE BEEN REMOVED. NO SOLDER BALLS ALLOWED.	<i>[Signature]</i> <i>[Signature]</i> A.L. <i>[Signature]</i>	4/20/05 <i>[Signature]</i>	
3	AQUEOUS CLEAN USING RECIPE #3	<i>[Signature]</i>	4/21/05	
4	INSPECTION: INSPECT FOR BOARD CLEANLINESS. NO SOLDER BALLS ALLOWED.	<i>[Signature]</i>	4/21/05	
5	SOURCE INSPECTION		4/21/05	

REWORK TRAVELER

SO NO: F17200	PART NO: LAT-DS-01646	SLAC	REV: 57
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ASSEMBLY NAME: CCA, SLAC-GLAST TEM	SLAC SOURCE INSP. P. LUJAN	QTY: 1
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




APPROVAL							
G. POZZI	<i>[Signature]</i>	G. HEFKIN	<i>[Signature]</i>	J. CORMICAN	<i>[Signature]</i>	M. MORA	<i>[Signature]</i>
PREPARED BY	DATE	ENG MGR	DATE	PROD MGR	DATE	QA MGR	DATE

STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	Record serial numbers: ___ GT-115 GLAST-1766	GP		
2	ID AND DAMAGE: JT6 CONNECTOR HAS INTERNAL SHORT. REFERENCE LAT NCR REPORT # 00524 ON 6-15-05 (SEE ATTACHED DOCUMENT)	GP		
3	ASSEMBLY: REMOVE HARDWARE FROM JT6 CONNECTOR	BHP	06/30/05	
4	ASSEMBLY: MASK BOTTOM OF BOARD AROUND THE PINS OF JT6 CONNECTOR USING PEELABLE SOLDER MASK, TECHFORM TC-527 OR WATER SOLUABLE TECHFORM TC-564-1.	BHP	06/30/05	
5	ASSEMBLY: SET UP THE FLOW WELL USING ORIFACE # FW-16-32.	BHP	06/30/05	
6	ASSEMBLY: PRE-HEAT BOARD TO 120 DEFG F FOR 2 HOURS.	BHP	06/30/05	
7	ASSEMBLY: WHEN THE BOARD IS REMOVED FROM THE OVEN, IMMEDIATELY PLACE THE BOARD ONTO THE FLOW WELL . CENTER IT OVER THE ORIFACE AND REMOVE THE CONNECTOR	BHP	06/30/05	
8	ASSEMBLY: HAND CLEAN THE BOARD ON BOTH SIDES.	BHP	06/30/05	
9	INSPECTION: LOOK FOR ANY DAMAGE TO PLATED-THROUGH HOLES ON BOTH SIDES OF THE BOARD.	BHP	6/30/05	
10	SOURCE INSPECTION:	BHP	6/30/05	
11	ASSEMBLY: INSTALL CONNECTOR USING FD-D2 F'WASH NAS620C2. FN-D3 SCREWS NAS1352N02-8 AND FN-D4 NUTS NAS671C2	BHP	06/30/05	
12	ASSEMBLY: TORQUE HARDWARE TO 30 IN-OZ (26-33) OVER RUNNING TORQUE.	BHP	06/30/05	

REWORK TRAVELER

SO NO: F17200 PART NO: LAT-DS-01646 SLAC REV: 57

ASSEMBLY NAME: CCA, SLAC-GLAST TEM SLAC SOURCE INSP. P. LUJAN QTY: 1

STEP	OPERATION	Operator Sign Off.	Date	Time spent
13	SOURCE INSPECTION: VERIFY TORQUE		6/30/05	
14	ASSEMBLY: FLOW WELL CONNECTOR ONTO BOARD. TOUCH UP SOLDER JOINTS IF REQUIRED.	 BYP	6/30/05	
15	ASSEMBLY: AQUEOUS CLEAN BOARD USING RECIPE # 3	 VOID ENTERED IN ERROR PMT	7/31/05 PMT	
16	INSPECTION		7/1/05	
17	ASSEMBLY: STAKE HARDWARE USING HYSOL 0151. PO# <u>31403</u> EXPIRATION DATE <u>01/31/07</u> MIX RATIO PART A <u>3.1g</u> . PART B <u>1.0g</u>	 BYP	07/01/05	
18	ASSEMBLY: CURE ADHESIVE AT 120 DEG F FOR 2 HOURS. START TIME <u>8:45 AM</u> STOP TIME <u>10:45 AM</u>	 BYP	07/01/05	
19	INSPECTION		7/1/05	
20	SOURCE INSPECTION:		7/1/05	

VOID of TAG OLD (reworked)
to inspect to ensure
rework

BYB
E2410 04-05



Pozzi, Gregory

From: Hefkin, Gary
Sent: Thursday, June 23, 2005 7:06 AM
To: Pozzi, Gregory (gregory.pozzi@gt-corp.com)
Cc: Ken Bergtholdt
Subject: FW: GLAST Nonconformance report # 00524

From: Cullinan, Joseph [mailto:cullinan@slac.stanford.edu]
Sent: Wednesday, June 22, 2005 6:31 PM
To: Lujan, Patricio C; Hefkin, Gary
Cc: Haller, Gunther
Subject: FW: GLAST Nonconformance report # 00524

NCR #524 for JT6 connector R&R on TEM CCA GLAT 1766 (GT115).

Joe

From: remedy@remedyp.slac.stanford.edu [mailto:remedy@remedyp.slac.stanford.edu]
Sent: Tuesday, June 21, 2005 1:05 PM
To: Burlingham, Kelly; Marsh, Darren S.; Khan, Kishwer; Bartholomew, Doug; Liew, Y.C.; Marshall, John W.; Rodriguez, Esther; Gobin, Richard Lloyd; Jimenez, Bill; Cullinan, Joseph
Cc: Graham, Diane
Subject: GLAST Nonconformance report # 00524

LAT Quality Assurance

Performance & Safety Assurance LAT NCR Report

The following Nonconformance Report # 00524 was submitted on 06/15/05 09:58:55

Entered by Sapozhnikov, Leonid - leosap@slac.stanford.edu

Found by: Incoming Inspection/Test	Type of Nonconformance: Major
Discrepancy Level: Flight Hardware	Sub-System: Electronics (ELEC)
Item Description: During EICIT testing (LAT-TD-03875) some tests on JT6 connector failed	
Supplier: GTC	Location: Bldg 33, room 103
Drawing/Rev #: LAT-DS-01646	Serial #: GT115 Test Procedure/Rev #: LAT-TD-03875
Lot/Heat #:	(GLAT1766)

Description of Nonconformance: During EICIT testing (LAT-TD-03875) some tests on JT6 connector failed. This problem was traced to short (12-20 Ohm) between pin 11 of JT6 connector and connector's body (shell).

To narrow problem it would be useful to remove R15 (1K, M55342K06B100R) and C20 (4700pF, CDR31BX472BKUS) and test resistance between pin 11 and connector's shell again. Report finding to MRB with probable plan to reinstall R15 and C20 and replace JT6.

Disposition Area

Defect Code: 050
Electronic/Electrical

Disposition: Rework

(Valid dispositions: Rework, Repair, Use-as-is, Reclassify, Return to Vendor, Scrap, or Documentation Change)

Disposition Instructions: Initial disposition: To narrow problem it would be useful to remove R15 (1K, M55342K06B100R) and C20 (4700pF, CDR31BX472BKUS) and test resistance between pin 11 and connector's shell again. Report finding to MRB with probable plan to reinstall R15 and C20 and replace JT6 (per L. Sapoxhnikov, 6/15/05)

(cullinan, 6/21/05) Troubleshooting described in dispo #1 was not performed. Connector JT6 has been identified as faulty and has been marked with red indicator arrow for removal by General Technology. Return shipment of TEM CCA GLAT 1766 to GT to rework as follows:

Remove identified connectors per SLAC NCR #524 (forward electronic copy to GT) following General Technology standard rework procedure. Note: Connector will undergo DPA. Carefully remove connector to prevent connector damage. OK if connector leads have to be clipped to facilitate removal from board. Identify connector with TEM CCA S/N and SLAC NCR # and package to prevent damage for return shipment to SLAC.

2. SLAC source QE (Pat Lujan) inspect boards after connector removal to verify no damage to board.
3. Install new connectors per standard assembly process.
4. SLAC source QE inspect replaced connectors
5. Return reworked CCA and removed connector to SLAC for testing.

All rework needs to be documented on GT rework traveller.

Report findings to this NCR.

Root Cause: faulty JT6 connector (Cristek)

Action taken to Preclude Recurrence of Discrepancy:

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

ASBY/FN# 1A7-26-00000
1, CASTLE, CONY, TIM

W# 112006
REQ DATE 02-24-05
OLD DATE 01-31-02
P# 0000048799

CUST P# 10
PROJ# 100000
CUST# 100000

SERIAL NUMBERS LISTING: *****
N/A

APPROVAL: 2/4/05
FACD: ujm
QA: 2.4.05

WORKMANSHIP: *****

ANSI-Z-39-18 CLASS 3: OTHER
DEFAULT WORKMANSHIP UNLESS INDICATED OTHERWISE. ABOVE

LOT NO	LOT QTY	SERIAL NUMBERS	SEQ NO	REASON	ASBY DATE

ivohdr rev 10.19.04 gjh *****

LINE DEPT MACH# OP: DESCRIPTION

SET-UP R/CN... LINE-MACH ST-000



1 210 00 CONFIG RECORD/SETTING CONF 10

000000 0.0000 0 0000

ESD SENSITIVE

***** CONFIGURATION DOCUMENTS *****

Doc#	Doc Name	Doc Number	Rev	FD/PL	Outstanding Ed's
1	CONFIG RECORD/SETTING	1000000000	01	PL	NONE

***** BUILD DOCUMENTS *****

100 TRAVELER AND DRAWING

PREP'D BY: CW (DATE) DATE: 02.22.05

DATE	QTY	REMARKS	STATUS
<u>2.4.05</u>			<u>ujm</u>

WORK CELL: 4-MIXED

CUSTOMER: ELAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

ASBY/TN: IAT-DS-02882
SY, CABLE, CONN, TEM

WOB: 012026
REC DATE: 03-04-05
REL DATE: 01-31-08
SOS:
POS: 0000045799

CUST #:
CITY: 19
PROJECT: W17800
CDS # 19380

PAGE 2

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



0 001 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000
KIT PARTS/MATERIALS

* WIRE, CRIMP PINS, AND CONNECTOR

DATE	QTY	REMARKS	STATUS
2/1/05	1		

W/ P/N: 107-50-02555
S/2, CABLE, CONN, TEM

W/O: 1183201
W/O: 1183201
W/O: 1183201
W/O: 1183201
W/O: 1183201

CUST: 05
CUST: 05
CUST: 05
CUST: 05
CUST: 05
PROJECT: 1337
CUST: 14385
CUST: 14385

Star 1-4
1337
4/26/05
move to start as 3A
Jelmer

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



CABLE HARNESS TEST AREA
CUT WIRE
CRIMP WIRE
CRIMP WIRE
CRIMP WIRE



CRIMP TEST SETUP - Q70-2181

USE 5 FEET OF WIRE 24 TO 30 LONG FOR BULB TESTS.
USE 2 FOUR INCHES FOR PRE-CRIMP AND FOUR INCHES FOR POST-CRIMP TESTS.

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

USE SLOTTED SYMMETRIC WIRE STRIPPER SET UP WITH 24 AXES STRIPPER BLADES. A STRIP LENGTH OF 1/8" IS SET AND LEAVE THE INSULATION SLUG IN PLACE.

PRE-ASSY CRIMP TEST...

STRIP AND CRIMP THREE CONTACTS USING TEST WIRE. TEST THE STRIPS CRIMPS FOR Q70-2081 RECORD RESULTS. IF FAIL, CONTACT ENGINEERING.

CRIMP TEST: BY Stiles DATE: 2/19/05 STATUS: Pass
R. Maitton 1970

ASSEMBLY ACTIVITY

1. FEED WIRE DIRECTLY OFF THE SPOOL TO THE STRIPPER.
2. STRIP THE INSULATION LEAVING THE SLUG, 1/8" - 1/16" LONG.
3. CUT THE WIRE OFF AT THE INDICATED LENGTH AND QUANTITY.
4. CRIMP THE WIRES TO 1-1/8" (1.25") LONG. USE PROGRAM # 015.
5. CRIMP THE WIRES TO 1/8" (0.125") LONG. USE PROGRAM # 015.
6. STRIP SECOND END USING THERMAL TWEEDERS.
7. CRIMP SECOND END BY SOLDER DIP. CLEAN WITH ALCOHOL.
8. FULL INSULATION SLUG AND CRIMP CONTACT LEAD OVER LEAD USE MESSL073-01 CRIMPER. W/ MESSL073-005 TURBO-LOCATOR.

POST-ASSY CRIMP TEST...

STRIP AND CRIMP THREE CONTACTS USING TEST WIRE. TEST THE STRIPS CRIMPS FOR Q70-2081 RECORD RESULTS. IF FAIL, CONTACT ENGINEERING.

CRIMP TEST: BY A DATE: 2/19/05 STATUS: Pass

DATE	BY	REMARKS	STATUS
2/19/05	Stiles	8 7.5150 - 1.5" (2) 1/8" (175)	Pass
2/19/05	Stiles	175 (300) 1" (200) 1/8" (175)	Pass
2/19/05	Stiles	2 1/8" (175)	Pass

EQUIPMENT CHANGE: EUBANKS

3/16 Strip Length = 1/4"

(19)

Crimp Tensile Strength Sheet attached!

①②③④ - performed using 3/16"

3/16 (19)

See EUBANKS

LTC-A-465
1042 - 7mm

3.11.05 3/16 strips 146 #14

~~3.11.05~~

3.11.05 crimp 3/16 1/8"

3-11-05 146 #14

3.11.05 crimp 3/16 1/8"

3.11.05 crimp 3/16 1/8"

3.11.05 crimp 3/16 1/8"

3.11.05 crimp 3/16 1/8"

3.11.05 crimp 3/16 1/8"

3.11.05 crimp 3/16 1/8"

3.11.05 crimp 3/16 1/8"

3.11.05 crimp 3/16 1/8"

3.11.05 crimp 3/16 1/8"

3.11.05 crimp 3/16 1/8"

3.11.05 crimp 3/16 1/8"

WORK CENTER: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

POSITION: LAT-DS-2325
CABLE CONN TEM

WIP 111034
REV DATE 02-04-05
REL DATE 01-31-05
SOP
POL 0001048795

CUST #
PROJECTS
CUST#

PAGE 1

10
101200
10366

LINE DEPT MACH# OP# DESCRIPTION



1 231 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OFF: SLDX-11 ASSY-111

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

DRR# 5

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



2 220 00 CABLE/HARNES ASSY-111 0.0000 0.0000 0.0000
INSERT CRIMP CONTACTS TO CONDUCTOR

- * INSERT TERMINATED WIRES TO CONNECTOR
- ** INSERT LONGER WIRES (1-20) INTO HOLE NUMBERS 1 THRU 25
- ** INSERT SHORT WIRES (1-15) INTO HOLE NUMBERS 26 THRU 40. ASSURE CONTACT IS SEATED AND LOCKED INTO CONDUCTOR.

strips, crimps & things 3/14/05
19 strip 3/11/05
Just 16 wires to 21 through 59
3-21-05 3 completed HG#12
2-28-05

DATE	QTY	REMARKS	STATUS
2/17/05	4		RM1970
3-15-05	2		1-G.#1941
3-21-05	1		1-G.#1941
5/3/05	2		1-G.#1941



3 090 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OFF: SLDX-3 ASSY-73

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

DRR# 8

ROUTE FOR W/ CLOSURE AND DELIVERY TO NEXT ASSY LAT-DS-12440

DATE	QTY	REMARKS	STATUS
2/17/05	4	AMP 206504-1 conn	
7-15-05	7	inserts 360 5	

3-21-05
3-21-05 3 wires
4/3/05 2 wires
5/14/05 2 wires

WORK ORDER 110004

[NEW]

WORK ORDER PICK LIST

PAGE: 1

ASSEMBLY # 147-04 0088
NO QUANTITY 10
LOCATION: W02

BY LINE ITEM

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

2 PULLED

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURE STATUS	REQUIREMENTS		INVL0C	LOT NUMBER	INVENTORY DETAIL			
					STAT	QTY			LOT #	LOT QUANTITY	LOT DATE	BIN
1	206504-1 AMPLINITE	EA	1.00	RSVD	19.00	114794	SKCP2 FN-1	114794	22.00	09-23-04		
	ORIGINAL QUANTITY		19.00									

The following parts have been defined as alternates for 206504-1:
206504-01-015
Partial quantity replacements are allowed

2	M1159/11-24-3 WIRE, 14AWG, WHITE	IN	102.00	RSVD	1938.00	115299	SKCP2 FN-3	115299	3594.00	09-01-04		
	ORIGINAL QUANTITY		1938.00									

3	204370-8 PIN, CRIMP	EA	84.00	RSVD	1596.00	114796	SKCP2 FN-2	114796	1997.00	09-23-04	IN ASSY	
	ORIGINAL QUANTITY		1596.00									
							FN-2	110041	973.00	09-17-04	PLT201	

The following parts have been defined as alternates for 204370-8:
204370-01-015
Partial quantity replacements are allowed

Cut & Strip

1 Conn. 4/24/05 un-1337
 9th Conn. 4/27/05 un-1337

Step 1-4

① 4/26/05
 ② 4/27/05

tin & Crimp

8th Conn. 4/27/05 un-1337 (short Conn. Pins)
 2nd Conn. 5/3/05 un-1337

Step 5-6

③ 4/29/05
 ④ 5/3/05

LAT-DS-02588

CRIMP TENSILE STRENGTH

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):

PRE - PROD

POST - PROD

CRIMP OPERATOR NAME/EMP #:

Nora 11337

TEST DATE

CONTACT PN:

204370-8 (G.08P1)

5/3/05

WIRE PN:

M22759/11-24-9

TESTED BY

CRIMP TOOL PN (GTC Tool #):

M22520/2-01 (GTC-12-1029)

Nora

DIE/LOCATOR PN (GTC Tool #):

M22520-2-09 (GTC-A-818)

WORK ORDER NO.

SELECTOR VALUE:

3

112026

TEST EQUIP # (Last CAL date):

6/17/04 ^{Due} 6/17/05 (GTC-P511)

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	13.1	13.3
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 req)

CRIMP TENSILE STRENGTH

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	<i>Tina</i> 11337	TEST DATE
CONTACT PN:	204370 - 8 (GCRPI)	5/3/05
WIRE PN:	M22759/11-21-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/201 (GTC#100)	<i>Nora</i>
DIE/LOCATOR PN (GTC Tool #):	M22520/2-09 (GTC#918)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	6/10/04 ⁵ 6/17/05 ² br-ps11	
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	
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 req)

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 MARION / 1970	TEST DATE
CONTACT PN:	204370-8	2/09/05
WIRE PN:	M22159/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22570/2-01 (GTC-A-930)	Rhoda Marion 1970
DIE/LOCATOR PN (GTC Tool #):	M22520/02-09 (GTC-A-931)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	ALPHA TRON MFF 7001 (6-17-04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

1500

CRIMP TENSILE STRENGTH

LAT-DS-02585

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD		POST - PROD			
CRIMP OPERATOR NAME/EMP #:	/		TEST DATE			
CONTACT PN:			2/09/05			
WIRE PN:			TESTED BY			
CRIMP TOOL PN (GTC Tool #):	(GTC-)		Rosa Mammol 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)			/		/	
OTHER (define) (f)						
SPECIAL INSTRUCTIONS (as reqd):						

0830

CRIMP TENSILE STRENGTH

LAT-05-02598

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	RHOA MARION / 1970	TEST DATE
CONTACT PN:	204370-8	2-15-05
WIRE PN:	M22759/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A 930)	RHOA MARION 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 200A1 (6.17.04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

10013 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-)	Henry Marwood
DIE/LOCATOR PN (GTC Tool #):	(GTC-)	WORK ORDER NO.
SELECTOR VALUE:		1102112026
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	12.4	13.3
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS	<input type="radio"/> FAIL	<input checked="" type="radio"/> PASS
		<input checked="" type="radio"/> PASS	<input type="radio"/> FAIL
			<input checked="" type="radio"/> PASS
			<input type="radio"/> FAIL
	Type of Separation Observed		
SLIP (pull out) (a)	✓	✗	
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)		✓	✓
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)			
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			

SPECIAL INSTRUCTIONS (as reqd):

1:10 PM

CRIMP TENSILE STRENGTH

Laf-05-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):

PRE - PROD

POST - PROD

CRIMP OPERATOR NAME/EMP #:

Herbie Gray 1#1941

TEST DATE

CONTACT PN:

704370-8

2.28.05

WIRE PN:

M22759 / 11-24-9

TESTED BY

CRIMP TOOL PN (GTC Tool #):

M22520 / 2-01 (GTC 1-52)

Herbie Gray

DIE/LOCATOR PN (GTC Tool #):

M22520 / 2-09 (GTC 691)

WORK ORDER NO.

SELECTOR VALUE:

3

112026

TEST EQUIP # (Last CAL date):

Alderson MFS 2001 (2/24/05) 118.05

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 (see 12011)

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#441	TEST DATE	3.105
CONTACT PN:	204370-B	TESTED BY	Herbie Gray
WIRE PN:	M72759 / 11-24-9	WORK ORDER NO.	117026
CRIMP TOOL PN (GTC Tool #):	M72520 / 2-01 (GTC 4.830)		
DIE/LOCATOR PN (GTC Tool #):	M72570 / 2-09 (GTC 4.831)		
SELECTOR VALUE:	3		
TEST EQUIP # (Last CAL date):	Alphatron MPF 200A (6/20/05) 11805		
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:	

OBSERVATIONS/VALUES

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

7:42 a.m.

CRIMP TENSILE STRENGTH *Lot-DS-02588*

MIL-STD-1344: METHOD 2003.1

TEST TYPE (circle one):	<input checked="" type="radio"/> PRE - PROD	<input type="radio"/> POST - PROD
CRIMP OPERATOR NAME/EMP #:	<i>Harje Gviy 12941</i>	TEST DATE
CONTACT PN:	<i>204370-8</i>	<i>3305</i>
WIRE PN:	<i>M22799 / 11-24-9</i>	TESTED BY
CRIMP TOOL PN (GTC Tool #):	<i>M2290 / 2-01 (GTC-82)</i>	<i>Harje Gviy</i>
DIE/LOCATOR PN (GTC Tool #):	<i>M2292 / 2-01 (GTC-93)</i>	WORK ORDER NO.
SELECTOR VALUE:	<i>3</i>	<i>112026</i>
TEST EQUIP # (Last CAL date):	<i>Alphatron MPF 2001 (11-25-01) 61704</i>	
PULL RATE:	<i>1" +/- .25" per min.</i>	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	<i>10</i>	<i>10</i>	<i>10</i>
MEASURED TENSILE STRENGTH:	<i>13.5</i>	<i>13.6</i>	<i>13.4</i>
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL
	Type of Separation Observed		
SLIP (pull out) (a)			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)			
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)	<i>✓</i>	<i>✓</i>	
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			

SPECIAL INSTRUCTIONS (as reqd):

9.501.16

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 Grey #1941	TEST DATE
CONTACT PN:	704370-8	3.605
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC 4102)	Herbie Grey
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-09 (GTC 4831)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	Advan MP-204 (6.17.04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.4	13.2	13.4
PASS/FAIL (circle test result)	PASS FAIL	PASS FAIL	PASS FAIL
	Type of Separation Observed		
SLIP (pull out) (a)			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)			✓
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)	✓	✓	
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			

SPECIAL INSTRUCTIONS (as reqd):

8:50 A.M.

CRIMP TENSILE STRENGTH Cat-05-02588

MIL-STD-1344: METHOD 2003.1

TEST TYPE (circle one):

PRE - PROD

POST - PROD

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

TEST DATE

CONTACT PN: 204370-8

3.7.05

WIRE PN: M22759 / 11-24-9

TESTED BY

CRIMP TOOL PN (GTC Tool #): M22520 / 2-01 (GTC # 850)

Herbie Gray

DIE/LOCATOR PN (GTC Tool #): M22520 / 2-09 (GTC # 851)

WORK ORDER NO.

SELECTOR VALUE: 3

117026

TEST EQUIP # (Last CAL date): Helitron MPF700A (1.18.05)

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

OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:

No. 1

No. 2

No. 3

MINIMUM TENSILE STRENGTH:

10

10

10

MEASURED TENSILE STRENGTH:

13.0

12.8

13.0

PASS/FAIL (circle test result)

PASS

FAIL

PASS

FAIL

PASS

FAIL

Type of Separation Observed

SLIP (pull out) (a)

CONDUCTOR BROKEN IN CRIMP
AREA (some or all) (b)CONTACT BROKEN IN CRIMP
AREA (some or all) (c)CONDUCTOR BROKEN OUTSIDE
CRIMP AREA (not in gripping area)
(d)CONTACT BROKEN OUTSIDE OF
CRIMP AREA (e)

OTHER (define) (f)

SPECIAL INSTRUCTIONS (as reqd):

7:45 a.m.

CRIMP TENSILE STRENGTH

Lot - 05 - 02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):

PRE PROD

POST - PROD

CRIMP OPERATOR NAME/EMP #:

Herbie 6:94 #1941

TEST DATE

CONTACT PN:

204370-8

3.7.05

WIRE PN:

M22759 / 11-24-9

TESTED BY

CRIMP TOOL PN (GTC Tool #):

M22520 / 2-01 (GTC #1012)

Herbie 6:94

DIE/LOCATOR PN (GTC Tool #):

M22520 / 2-01 (GTC #531)

WORK ORDER NO.

SELECTOR VALUE:

3

112026

TEST EQUIP # (Last CAL date):

MPT-1001 16.17.04

PULL RATE:

1" +/- .25" per min.

OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.4	13.1	13.7
PASS/FAIL (circle test result)	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.)			

8:00 g.k.

CRIMP TENSILE STRENGTH Cat-LS-02528

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

3.9.05

WIRE PN:

M72759 / 11-249

TESTED BY

CRIMP TOOL PN (GTC Tool #):

M72250 (2-01 (GTC 4102))

Herbie Gray

DIE/LOCATOR PN (GTC Tool #):

M72250 (2-09 (GTC 531))

WORK ORDER NO.

SELECTOR VALUE:

3

112026

TEST EQUIP # (Last CAL date):

Alphatron UPT-202A (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:	13.2	13.2	12.7
PASS/FAIL (circle test result)	PASS	FAIL	PASS

Type of Separation Observed

	No. 1	No. 2	No. 3
SLIP (pull out) (a)			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)			
CONTACT BROKEN IN CRIMP AREA (some or all) (c)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)			
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			

SPECIAL INSTRUCTIONS (as req):

9:40 a.m.

CRIMP TENSILE STRENGTH

Cat-05-02589

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):

PRE - PROD

POST - PROD

CRIMP OPERATOR NAME/EMP #:

Herbie Gray 151941

TEST DATE

CONTACT PN:

204370-8

3-10-05

WIRE PN:

M72759 / 11-24-9

TESTED BY

CRIMP TOOL PN (GTC Tool #):

M72759 / 2-01 (GTC#102)

Herbie Gray

DIE/LOCATOR PN (GTC Tool #):

M72759 / 2-01 (GTC#102)

WORK ORDER NO.

SELECTOR VALUE:

3

112026

TEST EQUIP # (Last CAL date):

Alphatron MP7-2002 (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	13.0	12.7
PASS/FAIL (circle test result)	PASS	FAIL	PASS
		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 req):			

for build 4

CRIMP TENSILE STRENGTH Lot-115-02588

MIL-STD-1344; METHOD 2003.1

Per build of 8

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 151941	TEST DATE
CONTACT PN:	204370-8	3.11.05
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22759 / 2-01 (GTC# 1014)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22759 / 2-09 (GTC# 463)	WORK ORDER NO.
SELECTOR VALUE:	3	117026
TEST EQUIP # (Last CAL date):	Alphatron MP-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:	12.3	11.9	12.5
PASS/FAIL (circle test result)	PASS	FAIL	PASS
	PASS	FAIL	PASS
	Type of Separation Observed		
SLIP (pull out) (a)			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)	✓	✓	✓
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)			
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			

SPECIAL INSTRUCTIONS (see spec):

CRIMP TENSILE STRENGTH Lot- DS-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1#1941	TEST DATE 3.11.05 TESTED BY Herbie Gray WORK ORDER NO. 117026
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 / 2-09 (GTC#-102)	
SELECTOR VALUE:	3	
TEST EQUIP # (Last CAL date):	Alpaca MPI-200A (6-17-04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

Build #
8

OBSERVATIONS/VALUES

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

SPECIAL INSTRUCTIONS (as reqd):

CRIMP TENSILE STRENGTH

inst 15-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<input checked="" type="radio"/> PRE <input type="radio"/> PROD	<input type="radio"/> POST - PROD						
CRIMP OPERATOR NAME/EMP #:	<i>Heber Gray 1#1441</i>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">TEST DATE</td></tr> <tr><td style="text-align: center;"><i>3/4/05</i></td></tr> <tr><td style="text-align: center;">TESTED BY</td></tr> <tr><td style="text-align: center;"><i>Heber Gray</i></td></tr> <tr><td style="text-align: center;">WORK ORDER NO.</td></tr> <tr><td style="text-align: center;"><i>112026</i></td></tr> </table>	TEST DATE	<i>3/4/05</i>	TESTED BY	<i>Heber Gray</i>	WORK ORDER NO.	<i>112026</i>
TEST DATE								
<i>3/4/05</i>								
TESTED BY								
<i>Heber Gray</i>								
WORK ORDER NO.								
<i>112026</i>								
CONTACT PN:	<i>204370-8</i>							
WIRE PN:	<i>M22759 / 11-24-9</i>							
CRIMP TOOL PN (GTC Tool #):	<i>M2280 / 2-01 (GTC# 102)</i>							
DIE/LOCATOR PN (GTC Tool #):	<i>M2280 / 2-01 (GTC# 831)</i>							
SELECTOR VALUE:	<i>3</i>							
TEST EQUIP # (Last CAL date):	<i>HP-2001 / MPT-2001 (6/2/04)</i>							
PULL RATE:	<i>1" +/- .25" per min.</i>	OTHER PULL RATE:						

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	<i>10</i>	<i>10</i>	<i>10</i>
MEASURED TENSILE STRENGTH:	<i>13.4</i>	<i>12.9</i>	<i>13.2</i>
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL
Type of Separation Observed			
SLIP (pull out) (a)			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)			
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)	<i>✓</i>	<i>✓</i>	<i>✓</i>
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			

SPECIAL INSTRUCTIONS (as reqd):

CRIMP TENSILE STRENGTH

LAT-05-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1 # 1441	TEST DATE
CONTACT PN:	204370-8	3.21.05
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC 4.10.02)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-09 (GTC 4.83.0)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	Alphatech MFT-2004 (6.17.04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

Assy LATE DS-02588

CRIMP TENSILE STRENGTH

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Nova 113371	TEST DATE
CONTACT PN:	204370-8 (G08PI)	4/28/05
WIRE PN:	M22530/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22530/2-01 (GTC-#610)	Nova
DIE/LOCATOR PN (GTC Tool #):	M22530-209 (GTC-)	WORK ORDER NO.
SELECTOR VALUE:	3	112036
TEST EQUIP # (Last CAL date):	6/17/04 ^{DEC} 6/17/05 GTC-750	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10.0	10.0	10.0
MEASURED TENSILE STRENGTH:	13.7	13.5	13.4
PASS/FAIL (circle test result)	PASS	FAIL	PASS
	FAIL	PASS	FAIL
	PASS	FAIL	PASS
	FAIL	PASS	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-0258

CRIMP TENSILE STRENGTH		
MIL-STD-1344; METHOD 2003.1		
TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Nara 11337	TEST DATE
CONTACT PN:	204370-8 (608PI)	4/28/05
WIRE PN:	M22759/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A610)	Nara
DIE/LOCATOR PN (GTC Tool #):	M22520-2-09 (GTC-)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	6/17/04 ^{Due} 6/17/05 (GTCPS11)	
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)	<u>PASS</u>	FAIL	<u>PASS</u>	FAIL	<u>PASS</u>	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):						

PART#	DESC	QTY	FROM LOT#	FROM LOT
1210B563K251VHTM	CAPACITOR	16.00	114802	2014 15016
5962-8759406XA	IC, LM185BH-2.5, NSC	3.00	114805	78534 3P019
5962R956R101VXC	IC	1.00	114814	725CR5ADA
5962R9852030YC	IC	5.00	123441	D7C 0408
5962R98651030YC	IC	4.00	120289	D7C 0407
CDR31HX472KUS	CAPACITOR	249.00	114801	L0T 0422 LN
CDR33HX473AKUS	CAPACITOR	53.00	114796	L0T 0419B
CMR09FC476KDB	CAPACITOR	49.00	114809	L0T 0417
CMR11FH105KDB	CAPACITOR	36.00	120284	D7C 0426 L0T 0625AB52
CMR11FH475KDB	CAPACITOR	2.00	120285	D7C 0430
H0705C2PK000	THICK FILM JUMPER	151.00	114817	L0T 7R107039
JANTXV1N153UR-1	DIODE	2.00	114806	L0T V 5869
LAT-DS-01026	PLATE, CONN, TFM	1.00	114784	NO L0T
LAT-DS-01031	PLN, CONNECTOR, TFM	2.00	114785	CONN PLATE
LAT-DS-01649	PWR, TFM	1.00	120299	NO L0T
LAT-DS-02588	ASSY, CABLE, CONN, TFM	1.00	131455	CONN PIN
LAT-DS-03582	STANDOFF	2.00	114787	D7C 4004, 3441
LAT-TD-01812	IC	8.00	114816	RES
LAT-TD-01814	IC	4.00	114813	T3110
M55342K06B100DR	RESISTOR, CHIP, 100W, 100 OH	60.00	114822	L0T 7R107035
M55342K06B100ER	RESISTOR, CHIP, 100W, 100K	50.00	114823	L0T 7R107045
M55342K06B10EOR	RESISTOR, CHIP, 100W, 10K O	23.00	114830	L0T 7R107048 (2550)
M55342K06B1E00R	RESISTOR, CHIP, 100W, 1K OH	55.00	114818	L0T 7R107040
M55342K06B1F00R	RESISTOR, CHIP, 100W, 1M OHM	2.00	114819	L0T 7R107041
M55342K06B200DR	RESISTOR	2.00	114825	L0T 107036
M55342K06B2201R	RESISTOR	205.00	114821	L0T 112409
M55342K06B49D9R	RESISTOR, CHIP, 100W, 49.9	4.00	114827	L0T 7R110001
M55342K06B5F11R	RESISTOR	2.00	114829	L0T 7R110002
M55342K09B10F0R	RESISTOR	2.00	114820	L0T 107042
M55342K09B1F00R	RESISTOR	2.00	114828	L0T 109509
MAX145AR0A	IC	36.00	120280	D7C 0410

MAX5121AEE	IC	2.00	114810	16T 014
MCR-1051-1B1	CONNECTOR	6.00	114803	0.1" 0104
MCR-1069-1B1	CONNECTOR	4.00	114804	0.1" 0415
MS24671-2	SCREW	4.00	114790	6676
MS51957-11	SCREW, FNHD, 4-40 X .25	2.00	93945	
MMS1352N02-8	SCREW	26.00	114786	70404-2
MMS620-C2	FLATWASHER	52.00	114789	90677048
MMS671-C2	NUT	26.00	114791	90274
S311P1B-09S7R6	THERMISTOR, 30K	2.00	114825	D.C 0.9:1188
SMD050	FUSE, RAYCHEM/POLYSWICH	4.00	114807	D.C 0.648
SMD075	IC	4.00	114926	D.C 0.332

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PARTS ISSUED TO NO 112026

OR-

PART#	DESC	QTY	FROM LOT#	PI#	LOT
204370-8	PIN, CRIMP	1596.00	114796	14057794	
206504-1	AMPLIFIER	19.00	114796	00407	
M22759/11-24-9	WTRF, 24MMG, WHITE	1938.00	115299	46190	

NOTES.....

PART#	DISC	QTY	FROM LOT#	FROM LOT
204370-B	PIN, GRIMP	380.00	114796	LEBR7754
204370-B	PIN, GRIMP	500.00	129543	
LAT-DS-02830	ASSY, CABLE, TYS I/P PWR	19.00	114946	LOT 0414 , 0791
M22759/11-24-2/9	WIRE, 24AWG RED/WHITE	5700.00	115300	

NOTES

PARTS ISSUED TO WO 112044

401

WO LOTS PAGE 4
01-05

PAIR#	DESC	QTY	FROM LOT#	FROM LOT
308S1	CONTACT (206071-1)	972.00	115021	LOT 04153
308S1	CONTACT (206071-1)	510.00	125762	
308S1	CONTACT (206071-1)	400.00	128357	OTC 04153 LOT#
LHM91456				
LAT-DS-02831	ASSY, CABLE, TIPS G/P PWR	18.00	114947	LOT 07C 0413
M22759/11-24-9	WIRE, 24AWG, WHITE	16340.00	115299	46190

NOTES.....

PART#	DESC	QTY	FROM LOT#	FROM LOT
1210B563K251YH7M	CAPACITOR	12.00	114807	200435016
32763-31	INDUCTOR	2.00	114965	SIAC LOT#0412
32786-31	INDUCTOR	12.00	114964	SIAC LOT#0413
5962L8771002VXKA	IC	2.00	114962	SIAC LOT#H7C0409A
5962R9582602VXCC	IC	6.00	120302	GENERAL, 239ABPV
5962R9663501VXCC	IC	5.00	120301	D/C 351
ARF461	IC FILTER	1.00	114959	D/C 0439
CDR04BK104AKUS	CAP, .1uF, 50V	32.00	114935	SIAC LOT#0404
CDR31BP100BKUS	CAPACITOR	14.00	114538	SIAC LOT#0405BG
CDR31BP101BKUS	CAPACITOR	4.00	114944	SIAC LOT#0349BM
CDR31BP470BKUS	CAPACITOR	4.00	115090	SIAC LOT#0420BN
CDR31BX102BKUS	CAPACITOR	2.00	114936	SIAC LOT#0420RL
CDR32BX102BKUS	CAP 0.01uF 100V 10%	22.00	114937	SIAC LOT#0413FM
CDR33BX223BKUS	CAPACITOR	4.00	114940	SIAC LOT#0405VC
CDR33BX473AKUS	CAPACITOR	7.00	114799	LOT 0419B
CMR05PC476KDB	CAPACITOR	89.00	114943	SIAC LOT#041B
CMR09HC106KCB	CAPACITOR	4.00	114939	SIAC LOT#0409
D55342K07B402ER	RES, 402K, 1/4W, 1%	1.00	115001	SIAC LOT#112027
D55342K07B511ER	RESISTOR	10.00	115002	SIAC LOT#TR107816
H0705CPX000	THICK FILM JUMPER	15.00	114817	LOT PR107039
IREN0507034	TRANSISTOR	3.00	114966	SIAC LOT#052166Z
JANTXV1N4106UR-1	DIODE	4.00	114953	SIAC LOT#V-6966
JANTXV1N4153UR-1	DIODE	8.00	114949	SIAC LOT#V-5869
JANTXV1N4489US	DIODE	1.00	125757	SIAC LOT#2301190
JANTXV1N4494US	DIODE	1.00	114955	SIAC LOT#H5030088A
JANTXV1N0806US	DIODE 1N5806US	8.00	114950	D/C 0108
JANTXV1N6485US	DIODE	1.00	128556	D/C 0349 LOT#V-7503
JANTXV1N6487US	DIODE	6.00	114952	SIAC LOT#V-7528
JANTXV2N2222AUB	TRANSISTOR NPN	21.00	120303	D/C 031B
JANTXV2N2907AUB	TRANSISTOR	2.00	115007	SIAC D/C#0330
JANTXV2N3439	TRANSISTOR	4.00	115006	LOT 0243
LAT-DS-02389	PWB, GLAST, TIPS	1.00	125705	D/C 1304, 4804
LAT-DS-02465	HEAT SINK, TIPS	4.00	115014	SIAC LOT# N/A
LAT-DS-02830-01	ASSY, CABLE, TIPS 1/p PAR	1.00	131920	

LAT-DS-02831-01	ASSY, CABLE, T ^{OS} G/P FWR	1.00	134919	NO D/C OR LOT
LAT-DS-03598	SUPPORT, CABLE HARNESS	2.00	120308	
LAT-DS-03598	SUPPORT, CABLE HARNESS	2.00	125327	NO LOT OR D/C
LAT-DS-04101	HEATSHK	2.00	120304	
M22759/11-24-9	WIRE, 24AWG, WHITE	1.00	115299	40190
M39006/22-0567H	CAPACITOR	30.00	134941	LOT D/C 041402,
0414CX				
M55342H06B1B21R	RESISTOR	4.00	134970	SLAC L07#R21501
M55342H06B2B21R	RESISTOR	6.00	114979	SLAC LOT#R21601
M55342K06B100DR	RESISTOR,CHIP,100W,100 OH	4.00	104427	
M55342K06B100ER	RESISTOR,CHIP,100W,100K	13.00	114821	LOT TR107045
M55342K06B100FOR	RESISTOR,CHIP,100W,100K	21.00	114987	SLAC LOT#TR107830
M55342K06B13FOR	RESISTOR	3.00	114989	SLAC LOT#TR107832
M55342K06B15EGR	RESISTOR,CHIP,100W,15K	1.00	114990	SLAC LOT#TR107619
M55342K06B1BE2R	RESISTOR	2.00	114991	SLAC LOT#TR107620
M55342K06B1E00R	RESISTOR,CHIP,100K,1K OH	6.00	114818	LOT TR107040
M55342K06B1E21R	RESISTOR	3.00	114971	SLAC LOT#TR107523
M55342K06B1E37R	RESISTOR	4.00	114972	SLAC LOT#TR10611

PART#	DESC	QTY	FROM LOT#	FROM LOT
M55342K06B1FO0R	RESISTOR, CHIP, 100K, 1M OHM	6.00	114919	LOT TR107041
M55342K06B20E0R	RESISTOR, 20kohms	8.00	114992	SLAC LOT#TR107621
M55342K06B22E1R	RESISTOR	5.00	114994	SLAC LOT#TR107623
M55342K06B2E74R	RESISTOR	3.00	114980	SLAC LOT#TR109928
M55342K06B301DR	RESISTOR	1.00	115000	SLAC LOT#TR112808
M55342K06B33E2R	RESISTOR	1.00	114999	SLAC LOT#TR112391
M55342K06B49E5R	RESISTOR, 49.9kohms	6.00	114996	SLAC LOT#TR107624
M55342K06B4E75R	RESISTOR	2.00	114381	SLAC LOT#TR108586
M55342K06B549DR	RESISTOR	2.00	115004	SLAC LOT#TR11507
M55342K06B5E11R	RESISTOR	2.00	114829	LOT TR110002
M55342K06B5E62K	RESISTOR	2.00	114984	SLAC LOT#TR107829
M55342K06B61E9R	RESISTOR	1.00	114997	SLAC LOT#TR107625
M55342K06B61E5R	RESISTOR	2.00	114985	SLAC LOT#109510
M55342K06B8E25R	RESISTOR	1.00	114986	SLAC LOT#TR109046
M55342K09B10D0R	RESISTOR	4.00	114820	LOT 107042
M55342K09B10F0R	RESISTOR	1.00	114828	LOT 109509
M55342K09B10F0R	RESISTOR	2.00	114993	SLAC LOT#TR107622
M55342K09B22D1R	RESISTOR	1.00	115091	SLAC LOT#TR107617
M55342K09B2E00R	RESISTOR	1.00	114982	SLAC LOT#TR9004
M55342K09B4E99R	RES, CHIP, 2.00K, 1%, 72K	2.00	114961	LOT W/C 034219
MAX124ECK	IC	7.00	115016	LOT M061404R
NAS1149CN432R	WASHER	4.00	115016	LOT A1205030
NAS1149CN632R	WASHER	19.00	114832	76123
NAS1352N04-6	SCREW	4.00	115011	LOT 77477
NAS1352N06-6	SCREW	7.00	115009	LOT M122600L
NAS671C4	NUT, HEX, SS, PASS, 4-40THRD	4.00	122955	
NAS671C6	NUT, #6, SM, PAF	19.00	114968	LOT W/C 10419237
RWR89SRZ00FR	RESISTOR	1.00	114957	LOT W/C 0329
FXE065	FUSE	2.00	114958	W/C 0412
FXE110	FUSE, POLYSWITCH	2.00	115004	LOT W/C 040021
S311P18-09S7R6	THERMISTOR, 30K	2.00	114968	SLAC LOT#10404
SSR1040GTXX	DIODE	7.00		

PARTS ISSUED TO WO 11 8116

PART#.....	DESC.....	QTY.....	FROM TOOL.....	FROM LOT
LAT-ES-00554	TEM BOX HASE	1.00	120298	no d/c or lot#
LAT-ES-00555	TEM BOX LTD	1.00	120297	NO D/C OR LOT#
LAT-ES-01646	CCW, GLAST, TEM	1.00	131451	
NAS1352N031P4	HARDWARE	26.00	114831	80803043
NAS1352N04-6	SCREEN	29.00	114832	76123
NAS1352N3-8	HARDWARE	1.00	114833	74803

NOTES.....

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PARTS ISSUED TO MO 113219

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PART#	DESC	QTY	FROM LOT#	TO LOT#
LAT-DS-00995	BASE, BOX, TR3	1.00	121225	
LAT-DS-00996	LID, BOX, TRM PS	1.00	121224	
LAT-DS-02388	CCA, GLAST, TR3	1.00	130879	
NAS1352N04-4	SCREW	20.00	115019	LOT R/C 48364
NAS1352N04-6	SCREW	30.00	115019	LOT R/C 76123

NOTES.....

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PARTS ISSUED TO NO 113241

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PART.....	DESC.....	QTY.....	FROM LOT.....	FROM LOT
NOTE.....				
LAT-DS-01481	ASSY, GLAST, DNO, TEM	1.00	112438	
LAT-DS-01487	SCREW, SMTHD CAP, 832X.62	40.00	120307	120 68402-1-1
WORK ORDER NO.	FOR WORK DONE PRIOR TO AC	1.00	112442	