

GENERAL TECHNOLOGY CORP.
1450 MISSION AVENUE NE
ALBUQUERQUE NM 87107
F9 61666

SHIPPER
SHIPPER NUMBER F17301.11
SALES ORDER NUMBER F17301
SHIP DATE 06/22/05
PAGE 1

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

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

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

CUSTOMERS PO: 0000053627 RESALE.NO:

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

Special Inspection is required.

1.1	12	EA	LAT-DS-01643 ASSY, UNIT-TEM/TPS S/N: G1115 GLAT1842. QTY DUE...: 6	52	1.00	1	131449
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SHIP VIA: UPSR
WAYBILL#:

Certificate of Conformance

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

Lillian Masterson 670 4/22/05
Date

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

END-ITEM DATA PACKAGE – LAT-DS-01643; Serial Number: GT115 GLAT 1842

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# 113234 ; S/N (above SN)

TPS Unit; LAT-DS-01482 WO# 113214 ; S/N GT114 GLAT 1822

TPS CCA; LAT-DS-02388 WO# 112067 ; S/N GT114 GLAT 1784

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# 113114 ; S/N GT113 GLAT 1802

TEM CCA; LAT-DS-01646 WO# 112013 ; S/N GT113 GLAT 1764

TEM I/P Cable; LAT-DS-02588 WO# 112026 ; S/N N/A

- ξ (c) Non-Conformance Reports (Indicate NCR # and applicable assy / part no.) ()

(N/A)

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

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

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

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

LAT-DS-01646; Rev No. (Drawing - 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: GT115 GLAT1842

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

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

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

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

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

(LAT-DS-02388/29628, 30666 LAT-DS-02830/29547 LAT-DS-01646/29536)

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

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

- TEM CCA LAT-DS-01646 Bottom Side Top Side
- TPS CCA LAT-DS-02388 Bottom Side Top Side
- 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: Lorelia Martinez

Date: 6-22-05

GTC QA Acceptance: _____

Date: 6-22-05

SLAC QAR Acceptance: _____



Date: 7-11-05

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

CPN: LAT-DS-01643
UNIT-TEM/TPS

WON 112234
REV DATE 02-06-05
REL DATE 04-21-05
COST #17301
PO# 000053627

CUST PN
QTY 1
PROJECT# #17301
COST# 15354

SERIAL NUMBER -----
GT115 GLAT1842

APPROVAL: ---
PROD: KAT/5-3-05
QA: HJK/5-3-05

WORKMANSHIP:-----
IPC/EIA-3-STD-0010 CLASS 3; WITH "CS" SPACE SUPPLEMENT
SLAC QAR MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE
OF ANY STEP OF THE TRAVELER/WORK ORDER. SLAC QAR MAY
INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP.
-BIR 02 02 05-----

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



1 200 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000
CONFIC

***** CONFIGURATION DOCUMENTS *****
ASSY DWG: LAT-DS-01643 REV 53 OUTSTANDING EC'S
BOM PL: (SAME - ON DWG) NONE
CUST ROW: LAT-PS-02615/03078 03 NONE
VISE/TC: (NOT APPLICABLE; WAS SK-282; ROW DELETED GTC DO.)
ASSY AID: LAT-DS-01643 (RELEASED PER EC 1473)
CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)
BUILD DOCUMENTS
USE... WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS.
* SEE LAST PAGE OF WO (FOOTER) FOR TRAVELER REV/CHG RECORD*

DATE... QTY... REMARKS..... STATUS
5-3-05 _____ [Signature]



2 201 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000
KITTING

PROCESS MATERIAL PER QAA STEP 01

DATE... QTY... REMARKS..... STATUS
5/17/05 1 _____ LimA
2004

ESD SENSITIVE

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

PN# LAT-DS-01043
UNIT-TEM/TPS

WOB# 112334
REL DATE 03-06-05
REL DATE 04-21-05
SOP# F-7301
PO# 0000033627

CUST #
PROJECT# F17301
CUST# 15356

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



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

* PROCESS ASSY PER CAA STEP 3.

DATE... QTY... REMARKS..... STATUS
06/22/05 1 _____ Byp (1288)



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

* PROCESS ASSY PER CAA STEP 4.
-- ALERT SLAC OAR TO WITNESS TORQUE PROCESS.--
* RECORD ASSIGNED TOOLS USED, AND CAL DUE DATE, BELOW

TORQUE TOOL # GTC-A-977
GTC-E-944 CAL DUE DATE: 08/05

DATE... QTY... REMARKS..... STATUS
06/22/05 1 _____ Byp (1288)

06/22/05 1 QUALITAZ WITNESS



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

* PROCESS ASSY PER CAA STEP 5.
* RECORD MATERIAL DATA BELOW
ADREV (15-1) GTC # 977 EXPIRATION DATE 01/26/08
CURE DATE/TIME: START: 06/22/05 11:30 AM STOP: 12:30 PM

DATE... QTY... REMARKS..... STATUS
06/22/05 1 _____ Byp

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

* PROCESS ASSY PER CAA STEP 6.
* RECORD MATERIAL DATA BELOW
MIX # 170K. GTC BOX 31201 EXPIRATION DATE 04/27/07
LOT # 1ST A: 2004 09080033
LOT # 1ST B: 2004 0702 0071
MIX RECORD (PT A MGMT) 10gr (PT B MGMT) 0.6gr
MARKING DATE/TIME: 06/22/05 11:30 AM
*CURE OCCURS AT STAGING STEP 13.

DATE... QTY... REMARKS..... STATUS
06/22/05 1 _____ Byp (1288)

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

WORK/FIN# LAT-DS-01643
UNIT-TEM/TPS

WOP 113234
REQ DATE 05-06-05
REL DATE 04-31-05
CO# P17301
PO# 0000053627

CUST P#
QTY 1
PROJECT# P17301
CUST# 15156

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



6 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
CPE: SLDR-0 ASSY-192

* PROCESS ASSY PER CAA STEP 6.

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

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

6/22/05 1



7 280 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
EXAMINE BOX JOINING
AND ETD PACKAGE

* PROCESS ASSY PER CAA STEP 7.

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

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

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

6/22/05 1 GLAT 1842



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

* PROCESS ASSY PER CAA STEP 8.

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

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

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

6/22/05 1



ASSEMBLY # LAD-ES-01643
MO QUANTITY 1
MIL LOCATION WOC

BY LINE ITEM

EFFECTIVITY DATE: 05-09-00
RELEASE DATE: 05-09-00
DATE PRINTED: 05-17-00

PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STAT	STATUS	REQ IN	LOC #	INVLOC	LOT NUMBER	INVENTORY DETAIL			
										QUANTITY	LOT LIFE	BIN/LOC	BIN QUANTITY
1	LAD-DS-01487 SCREW SPRING CAP, 332X.62 ORIGINAL QUANTITY	EA	40.00	RSVD		40.00	120307	SKCF2 FN-D3	120307	40	09-11-07	IN ASSY	
2	AGGRESSIVE HYDOL 402 ORIGINAL QUANTITY	OZ KIT	1.00	SO		1.00		SKCF2 FN-D4		0			

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

ACTN/PN# LAT-06-01482
GLAST. DAO. TPS

WOF 113214
REQ DATE 09-06-05
REL DATE 04-20-05
SC# F17300
PO# 0200046800

CUST #
QTY 1
PROJECT# F17300
CUST# 15356

*SERIAL NUMBER *-----
G-T114 GLAT18.22

-----APPROVAL-----
PROD Kit 5-3-05
CAAM 5-3-05

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

qth 19.28.04-----

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



1 200 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000
CONFIR

***** CONFIGURATION DOCUMENTS *****
DOCUMENT NUMBER REV FD/PL OUTSTANDING EO'R
LAT-06-01482 55 NONE
(SAMS - ON DWG)
LAT-06-00078 03 NONE
(N/A THIS LEVEL)
LAT-06-01480 - (RELEASED PER EC 2477)
LAT-06-01482
CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)
***** BUILD DOCUMENTS *****
USE... WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS.
***** SEE FOOTER OF WORK ORDER FOR REV HISTORY *****

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



2 201 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000
KITTING

* PROCESS MATERIAL PER CAA STEP 2.

DATE	QTY	REMARKS	STATUS
5/11/05	1		UIMA 2004



WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

PROY/PN: LAT-DS-01482
GLAST. DAQ. TFS

MO# 22224
REQ. DATE 05-06-05
REF. DATE 04-20-05
SO# 217300
PO# 0000249000

CUST. # 1
QTY 1
PROJECT# 217300
CUST# 10356

LINE DEPT MACH# OP# DESCRIPTION..... HOURS
SERV-CP RUN. LINE-MACH ST-LOT



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

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

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

DATE	QTY	REMARKS	STATUS
06/21/05	1		By (1288)



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

- PROCESS ASSY PER CAA STEP 4.
- INSTALLED CCA SERIAL NUMBER: GT114

DATE	QTY	REMARKS	STATUS
06/21/05	1		By (1288)



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

- PROCESS ASSY PER CAA STEP 5.
 - ALERT SLAC QAR TO WITNESS TORQUE PROCESS --
 - RECORD ASSIGNED TOOL# USED, AND CAL DUE DATE. BELOW.
- TOOL # GTC-E-951 1/2 CAL DUE DATE 08/05
 GTC-E-944 CAL DUE DATE 08/05

DATE	QTY	REMARKS	STATUS
06/21/05	1		By (1288)
6/21/05	1	WITNESS TORQUE	



WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

APPROV: PO# LAT-DS-01484
GLAST. DAQ. TYS

WCR 113214
REQ DATE 05-06-05
REL DATE 04-20-05
JOB #17300
PC# 0000048803

CUST #
QTY
PROJECTS #17300
CUST# 18356

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



6 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
INSTALL J1

- PROCESS ASSY PER CAA STEP 6.
- ALERT SLAC QAR TO WITNESS TORQUE PROCESS.
- RECORD ASSIGNED TOOL# USED, AND CAL DUE DATE, BELOW.

TOOL # GTC-E-951 1/2 CAL DUE DATE 08/05
GTC-E-944 CAL DUE DATE 08/05

DATE	QTY	REMARKS	STATUS
<u>06/21/05</u>	<u>1</u>		<u>BYP(1288)</u>
<u>6-21-05</u>	<u>1</u>	<u>WITNESS TORQUE</u>	



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

- PROCESS ASSY PER CAA STEP 7.
- ALERT SLAC QAR TO WITNESS TORQUE PROCESS.
- RECORD ASSIGNED TOOL# USED, AND CAL DUE DATE, BELOW.

TOOL # GTC-E-951 1/2 CAL DUE DATE 08/05
GTC-E-944 CAL DUE DATE 08/05

DATE	QTY	REMARKS	STATUS
<u>06/21/05</u>	<u>1</u>		<u>BYP(1288)</u>



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

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

TOOL # GTC-E-951 1/2 CAL DUE DATE 08/05
GTC-E-944 CAL DUE DATE 08/05

DATE	QTY	REMARKS	STATUS
<u>06/21/05</u>	<u>1</u>		<u>BYP(1288)</u>
<u>6-21-05</u>	<u>1</u>	<u>WITNESS TORQUE</u>	



TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PN# 127-DS-01482
GLAST, DAG, TFS

WOM 113214
R&O DATE 05-06-05
REL DATE 04-20-05
SCP F17300
POS 0000048800

CUST #
QTY 1
PROJECT# F17300
CUST# 15356

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



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

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

ADMSV 0181: GTC PO# 31403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START-06/21/05 11:25 AM STOP- 1:25 PM

DATE	QTY	REMARKS	STATUS
06/21/05	1		BYP(1288)



10 217 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
STAKE J2 HARDWARE

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

ADMSV 0181: GTC PO# 31403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START-06/21/05 11:25 AM STOP- 1:25 PM

DATE	QTY	REMARKS	STATUS
06/21/05	1		BYP(1288)



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

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

ADMSV 0181: GTC PO# 31403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START-06/21/05 11:25 AM STOP- 1:25 PM

DATE	QTY	REMARKS	STATUS
06/21/05	1		BYP(1288)

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

PN# 098 LAT-DS-01482
A# GLAST, DAG, TFG

NO# 113214
REQ DATE 05-26-05
REL DATE 06-20-05
SOS # 7300
POS# 000048800

CUST #
QTY
PROJECT#
COST#
1
101300
10306

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



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

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

ACHSV 0151) CTC PO# 31403 EXPIRATION DATE 01/21/07
CURE DATE/TIME: START- 06/21/05 11:25 AM STOP- 1:25 PM

DATE	QTY	REMARKS	STATUS
06/21/05	1		Ryf(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
06/21/05	1		Ryf(1288)



14 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
CFE: SDDR-0 ASSY-257

- * PROCESS ASSY PER CAA STEP 14.

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
6/21/05	1		



15 260 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
EXAMINE ASSY PRE-CLOSE

- * PROCESS ASSY PER CAA STEP 15.

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
6/21/05	1	GLAT 1832	

WPN# LAT-DS-01480
GLAST, DAO, TFS

WOP# 113214
REQ DATE 05-08-05
REL DATE 04-20-05
SOS# F17300
POS# C000048800

CUST P#
CUST# 12355
PROJECT# F17300
CUST# 12355

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



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

* PROCESS ASSY PER CAA STEP 16.

DATE	QTY	REMARKS	STATUS
06/21/05	1		Byp(1288)



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

- * PROCESS ASSY PER CAA STEP 17.
- ** ALERT SLAC CAR TO WITNESS TORQUE PROCESS **
- * RECORD ASSIGNED TOOL# USED, AND CAL DUE DATE, BELOW.

TOOL = GTC-E-95 1/2 CAL DUE DATE 08/05
GTC-E-944 CAL DUE DATE 08/05

DATE	QTY	REMARKS	STATUS
06/21/05	1		Byp(1288)
06/21/05	1	WITNESS TORQUE	



18 210 00 QUALITY ASSURANCE AREA
OPE: SLDK-0 ASSY-64 0.0000 0.0000 0.0000

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

DATE	QTY	REMARKS	STATUS
6/21/05	1		

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 7

AS # LAT-DS-01482
AS# GLAST, DAQ, TPS

NO# 113214
REQ DATE 05 04-05
REL DATE 04-20 05
SCH F17300
PO# 0000048800

CUST #
CITY 1
PROJECT# F17300
CUST# 18356

LINE DEPT MACH# OP# DESCRIPTION..... W O U R S
SST-UP RUN... LINE-MACH ST-LOT:



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

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

ADHSV 0181 GIC PO# 31403 EXPIRATION DATE 01/31/07
DUKE DATE/TIME: START-06/21/05 4:00 PM STOP- 6:00 PM

DATE	QTY	REMARKS	STATUS
06/21/05	1		Buy (1288)



20 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OP# SLDR-0 ASSY-40

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

DATE	QTY	REMARKS	STATUS
6/22/05	1		



21 290 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
CUSTOMER SOURCE INSP

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

DATE	QTY	REMARKS	STATUS
6-22-05	1	G CAT 18 2 2	

***** TRAVELER REVISION HISTORY RECORD *****
 CREATED BY: _____ FOR ASSY REV: _____ DATE: 042805
 REVISION: _____
 REV# REV# DATE CHANGE REASON
 01 01 012805 RELEASED AT REV 05. AND CAA AT REV -

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

ASSEMBLY # : LAT-09-01483
WO QUANTITY : 1
KIT LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE: 09-01-00
RELEASE DATE : 01-00-00
DATE PRINTED : 09-14-00

ITEM PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UN	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS	RESV IN	LOT	INVOLOC NUMBER	INVENTORY DETAIL		
									LOT	LOT DATE	BIN
1	LAT-09-00991 PLATE BRACKET ORIGINAL QUANTITY	EA	1.00	RSVD	1.00	121225	SKCP2 FN-1	121225 PULLED	1	09-30-07	SLAC
2	LAT-09-00996 PLATE BRACKET ORIGINAL QUANTITY	EA	1.00	RSVD	1.00	121224	SKCP2 FN-2	121224 PULLED	1	09-30-07	SLAC
3	LAT-09-01222 PLATE GLASS ORIGINAL QUANTITY	EA	1.00	BO	1.00		SKCP2 FN-3	PULLED	0		
4	MS1152N04-6 WASHER ORIGINAL QUANTITY	EA	30.00	RSVD	30.00	115012	SKCP2 FN-4	115012 WAS FN-4, 30 EA PULLED	30	09-10-1*	04 LOT 115
							FN-4	115012 WAS FN-4, 30 EA PULLED	001.00	09-13-09	IN ASSY
5	MS1152N04 WASHER PLAT. 3/8" 115*10.5 ORIGINAL QUANTITY	EA	32.00	BO	32.00		SKCP2 FN-5	WAS FN-5, 32 EA PULLED	0		
6	MS1152N04-4 WASHER ORIGINAL QUANTITY	EA	20.00	RSVD	20.00	115019	SKCP2 FN-6	115019 WAS FN-6, 20 EA PULLED	20	09-27-14	F17300
							FN-6	120105 WAS FN-6, 22 EA PULLED	64.00	12-16-01	IN ASSY
7	MS1152N04-3 WASHER ORIGINAL QUANTITY	EA	1.00	BO	1.00		SKCP2 FN-7	WAS FN-7, PULLED	0		
8	CV-2946 WASHER ORIGINAL QUANTITY	OZ	1.00	BO	1.00		SKCP2 FN-8	WAS FN-101 PULLED	0		
9	PLT10-078 WASHER LOCKING PANUIT ORIGINAL QUANTITY	EA	5.00	BO	5.00		SKCP2 FN-9	WAS FN-14 PULLED	0		
10	MS1152N04-14 WASHER ORIGINAL QUANTITY	EA	4.00	BO	4.00		SKCP2 FN-10	PULLED	0		
11	CV-110 WASHER ORIGINAL QUANTITY	OZ	1.00	BO	0.01		SKCP2 FN-11	WAS FN-15 PULLED	0		
12	LAT-09-01515 WASHER ORIGINAL QUANTITY	EA	1.00	BO	1.00		SKCP2 FN-12	PULLED	0		

WORK ORDER : 113214

(NEW)

WORK ORDER PICK LIST

PAGE: 2

ASSEMBLY : DAT-DS 01482
NO QUANTITY : 1
WIP LOCATION: 402

BY LINE ITEM

RESPONSIVITY DATE: 05-03-09
RELEASE DATE: 04-20-09
DATE PRINTED: 05-17-09

PULLED

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UN	REQUIREMENTS	REQD QUANTITY	CURR STATUS	REQD IN QUANTITY	REQD IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL				
										LOT QUANTITY	LOT DATE	LOT LIFE	SINLOC QUANTITY	
11	8711-88-0440 CACKPOST. M.F. 440X 18X.21 ORIGINAL QUANTITY	EA		2.00	SO	2.00		SMCS PN-13			0	0		
				2.00					PULLED:					

ASSY/FIN# LAT-CS-02988
CNA, GLAST, TBS

W# 112007
REQ DATE 02-10-05
REL DATE 12-01-04
S#
PC# 0000048800

CUST P#
QTY
PROJECT# P17300
CUST# 15356

*SERIAL NUMBER ----- APPROVAL:-----
GT114 GLAT1784 FROM CA 2/10/05
CA 2-10-05

*WORKMANSHIP-----
IPC/EIA-3-BTD-0010 CLASS 3; WITH 'CS' SPACE SUPPLEMENT
SLAC CAR MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE
OF ANY STEP OF THE TRAVELER/WORK ORDER. SLAC CAR MAY
INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP.
*glt 02.07.05-----

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



1 200 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000
CONFID

***** CONFIGURATION DOCUMENTS *****
DOCUMENT NUMBER REV ED/PL OUTSTANDING EO'S
ASSY DWG: LAT-DS-02303 58 NONE
PCM PL: LAT-IO-02303 03 NONE
CUST SCH: LAT-FG-03078 C3 NONE
ESS TEST: N/A
ASSY AID: LAT-CS-02988 (RELEASED PER EC 2092)
CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)
***** BUILD DOCUMENTS *****
USE: WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS.
*REV'D/REP'D BY: CH (DATE DATE: 02.07.05)

MS 4-28-05

DATE	QTY	REMARKS	STATUS
<u>2/10/05</u>			<u>WBA</u>



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

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

DATE	QTY	REMARKS	STATUS
<u>2/10/05</u>			<u>WBA</u>



WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

ASSY/ENG LAY-DS-02388
LAST: TFS

W# 112067
REL DATE 03-10-05
REL DATE 13-01-02
JOB#
JOB# 0000148800

JUST PR
PROJECT# 917302
CUST# 18356

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



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

* PROCESS PER CAA STEP 3:

DATE	QTY	REMARKS	STATUS
2-11-05	1		PF 1858



4 213 00 SMT ASSY LINE 0.0000 0.0000 0.0000
PRE-SMT BAKEOUT

* PROCESS PER CAA STEP 4:

RECORD BAKE DATE-TIME START/STOP BELOW:

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

DATE	QTY	REMARKS	STATUS
2-11-05	1		PF



5 211 00 SMT ASSY LINE 0.0000 0.0000 0.0000
STENCIL BOTTOM SIDE

* PROCESS PER CAA STEP 5:

* RECORD SOLDER PASTE DATA BELOW:

CTC PC# 71728 EXPIRATION DATE 7-14-05

DATE	QTY	REMARKS	STATUS
2-11-05	1		MR 186



6 213 00 SMT ASSY LINE 0.0000 0.0000 0.0000
PICK-N-PLACE PARTS

* PROCESS PER CAA STEP 6:

DATE	QTY	REMARKS	STATUS
2-11-05	1		NA

- 301 - 0074
- 038 - 0075
- 010 - 0076
- 010 - 0074
- 012 - 0075
- 011 - 0079
- 013 - 0078
- 012 - 0079

0133 - 0071
018 - 0076

Solder Paste Data
Solder = 759
Aug = 0075
Resist = 0006

Measurements taken by M.P. 1/26/05 2/17/05

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/PN: IAT_DS-02388
CAR GLAST. TFS

WO# 112087
REQ. DATE 02-10-05
REQ. DATE 12-01-04
PC# 0000048800

COST #
UT# 2
PROJECT# 017300
COST# 18356

PAGE 3

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
2/10/05	1		PT



8 213 00 SMT ASSY LINE AGENTS CLEAN 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 8.

DATE	QTY	REMARKS	STATUS
2/10/05	1		PT



9 200 00 QUALITY ASSURANCE AREA CPE: SLDX-1758 ASSY-1616 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 9.

** RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

DR#(S)

DATE	QTY	REMARKS	STATUS
2/10/05	1		OK 25



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

* PROCESS PER CAA STEP 10.

** RECORD SOLDER PASTE DATA BELOW:

THE PDA: 31724 EXPIRATION DATE 7-17-05

DATE	QTY	REMARKS	STATUS
2/10/05	1		OK

D10 - .0015
 D198 - .0072
 L061 - .0070
 R043 - .0079
 D500 - .0076
 L7 - .0078

Total Right Side - Top Side
 Sum = .045
 Avg = .0075
 Range = .0009
 - Measurements Taken By MR 1800 2/10/05

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/PN: LAT-DS-02388
GLAST. TFS

WOS 112067
REQ DATE 02-10-05
REL DATE 12-01-04
SOS
POS 0000018800

CUST PA
CITY 1
PROJECTS 117300
CUST# 18154

PAGE 4

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



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

* PROCESS PER CAA STEP 11

DATE	QTY	REMARKS	STATUS
2/2/05	1	T-1	T-1



12 213 00 SMT ASSY LINE SOLDER REFLUX 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 12

DATE	QTY	REMARKS	STATUS
2/2/05	1		T-1



13 213 00 SMT ASSY LINE AQUEOUS CLEAN 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 13

DATE	QTY	REMARKS	STATUS
2/2/05	1		T-1



14 240 00 QUALITY ASSURANCE AREA OPE- SLDR-1421 ASSY-788 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 14

** RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

DATE	QTY	REMARKS	STATUS
2/2/05	1	29628	

Missing DS00, D600, D505, D605 etc
missing for 7,599, 9,699 etc 2/2-10-05

03/11/05 filled shortage of DS00 =
D600. Byp
03/11/05 3/14
03/11/05 Byp Installed 9599 & 6
Correctly Byp
03/11/05

ANN/PN# LAT-DS-02368
SLAC 195

MO# 110047
REQ DATE 02-10-05
REL DATE 12-01-04
JOB
PC# 0000048500

CUST P#
QTY 1
PROJECT# 117307
CUST# 10386

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



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

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

Ship wires 03-15-05 M.L.
 3-15-05 35 *inspect & prep wire*
 3/17/05 25 *checked wires for timing*

DATE	QTY	REMARKS	STATUS
3/16/05	1	<i>Tanned</i>	<i>Strm 1262</i>
3/17/05		<i>Tanned leads</i>	<i>re 1694</i>



16 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
MECH ASSY - HTSNKS/VRS

- PROCESS PER CAA STEP 16.
- RECORD ADHESIVE DATA BELOW.
- RECORD ASSIGNED TOOLS USED, AND CAL DUE DATE, BELOW

OTC PCB: 31450 EXPIRATION DATE 05/17/05
 TOOL # GTC-A.985 CAL DUE DATE 08/05

DATE	QTY	REMARKS	STATUS
03/24/05	1		<i>By</i>



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

- PROCESS PER CAA STEP 17.

DATE: 3-28-05 QTY: 1 REMARKS: install 4/16 wire on VRS M.L.

Special in-process QA examination of wires.
 M.E. 4-7-05



WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

1 / WPN: LAT-DS-02388
CLAST: TPE

WOM 112067
REQ DATE 02-10-05
REL DATE 11-31-04
SOP
PO# 0000048800

CUST #
QTY
PROJECT# P17300
CUST# 13355

PAGE 6

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



18 310 00 CCA/BLACK BOX ASSY AREA
INSTALL/SOLDER R1, R2 0.0000 0.0000 0.0000

• PROCESS PER CAA STEP 18

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

*moved to install & solder to
STEP 26.
ME 4-7-05*



19 310 00 CCA/BLACK BOX ASSY AREA
INSTALL/SOLDER IC WIRES 0.0000 0.0000 0.0000

• PROCESS PER CAA STEP 19

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

03-29-05

1



20 390 00 QUALITY ASSURANCE AREA
CP#- S10R-70 ASSY-41 0.0000 0.0000 0.0000

• PROCESS PER CAA STEP 20

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

DR#(S):

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

3/29/05

1



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

• PROCESS PER CAA STEP 21

• RECORD ADHESIVE DATA BELOW:

GTC PO# *51450* 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

03-27-05

1



WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/PC# LAT-05-02399
GLAST. TFS

WC# 112067
REG DATE 02-10-05
REL DATE 12-01-05
SOS
PC# 000006800

INST P#
QTY
PROJECT# P-7300
CUST# 15356

PAGE 7

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



22 210 00 CCA/BLACK BOX ASSY AREA
INSTALL/SOLDER WIRES-IC5 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 22.

DATE	QTY	REMARKS	STATUS
03-30-05	1		M.D. 570 582



23 290 00 QUALITY ASSURANCE AREA
CPE: SLDR-35 ASSY-2A 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 23

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

DRR#(S)

DATE	QTY	REMARKS	STATUS
3/30/05	1		



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

* PROCESS PER CAA STEP 24

** RECORD ADHESIVE DATA BELOW.

GIC PC# 31450 EXPIRATION DATE 05-17-05

DATE	QTY	REMARKS	STATUS



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

* PROCESS PER CAA STEP 25.

DATE	QTY	REMARKS	STATUS
03-30-05	1		570 582

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

***V/P/S# LAT-DS 02388
SLACT: 195

WO# 112067
REQ DATE 02-10-05
REL DATE 12-01-04
SCH
POS 0100048800

CUST PR
QTY
PROJECT# 017300
CUST# 10356

PAGE 8

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



24 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
INSTALL/SOLDER P. R. T

* PROCESS PER CAA STEP 26

R1 + R2 ME 4-7-05

DATE	QTY	REMARKS	STATUS
03-30-05	1		OK 592



24 250 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OP# SLD#-76 ASSY-38

* PROCESS PER CAA STEP 27:

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

DEF#(S):

DATE	QTY	REMARKS	STATUS
3/30/05	1		OK 02



1 288 00 SFPA ICT 0.0000 0.0000 0.0000
SFPA TEST

* PROCESS PER CAA STEP 28:

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

TEST#(S):

DATE	QTY	REMARKS	STATUS
03/20/05	1	SV: 67114 In per Greg Propri. assembly was tested without components D605 and D608 installed	



24 212 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
INSTALL/SOLDER 12 CABLE
FLDR I/P-ROW 1-CHECK 12

* PROCESS PER CAA STEP 29

DATE	QTY	REMARKS	STATUS
03-31-05	1	SLDR I/P-ROW 1-CHECK 12 03-31-05-WJD 3/31/05 SLDR I/P-ROW 1-CHECK 12 03-31-05-WJD 3/31/05 3 sheets ME 3-4-05 03-31-05-WJD 3/31/05	OK 592

DIRECTOR: LAT-DS-02388
TRM. NAME: S.ACITPSI
SYS #: 1 HEAD 1
03/30/2005 16:25:10

SN: 67114

D605 } T#2 FAIL (-/-)
ZENUS05 } N4106R-1 12V JF
VALUE: 1.4275 V }
D605 } not installed at
As Time T#2 FAIL (-/-)
ZENUS05 } 1N4106R-1 12V JF of test
VALUE: 1.4250 V }

TEST RESULT: FAIL
03/30/2005 13:33:44

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/PK# LAT-05-02398
CNA: GLAST, TFS

MO# 112267
P.D. DATE 02-10-05
REL. DATE 12-31-04
SOP
PO# 0000048800

CUST #
QTY 1
PROJECT# 017300
CUST# 15356

PAGE 9

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



30 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
INSTALL/SOLDER O/P CABLE
SLDR O/P-ROW 1>CHECK 03-31-05 W.D. 03/31/05
SLDR O/P-ROW 2>CHECK 03-31-05 W.D. 03/31/05 128884P
SLDR O/P-ROW 3>CHECK 03-31-05 W.D. 03/31/05
SLDR O/P-ROW 4>CHECK 04-01-05 W.D. 4/1/05

* PROCESS PER CAA STEP 30.

DATE	QTY	REMARKS	STATUS
04-01-05	1		GTG 592



31 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
(FE- SLDR-95 ASSY-107

* PROCESS PER CAA STEP 31.

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

ERR#(S):

DATE	QTY	REMARKS	STATUS
04/01/05	1		GTG 592



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
04/01/05	1	washed	GTG 592 by P

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/PNS LAT-DS-02388
GLAST. TPE

WOS 112057
REQ DATE 01-10-05
REQ DATE 12-01-04
SOW
PO# 0000048800

CUST #
PROJECT# F17300
QTY 1
CUSTA 15386

PAGE 10

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



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

* PROCESS PER CAA STEP 31

RTV DC6-1104; QTY PO# 31695 EXPIRATION DATE 8.21.05

SEE ADHESIVE D151 APPLICATION FOR CURE DATA.

DATE: 7.6.05 QTY: 1 REMARKS..... STATUS: 16. #141



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

RTV DC6-1104; QTY PO# 31695 EXP Date 8.21.05
MC 3-14-05

DATE: 7.6.05 QTY: 1 REMARKS..... STATUS



35 210 00 CCA/BLACK BOX ASSY AREA
POTTING/STARTING TCS 0.0000 0.0000 0.0000

* PROCESS CAA PER CAA STEP 35

OVEN-CURE-DATE RTV #31695 START-STOP MC 3-14-05

DATE: 7.6.05 QTY: 1 REMARKS..... STATUS: 16. #141

ASSY/PIN: LAT-DS-02188
CCA, GLAST, TPE

WOS 112067
REQ DATE 07-10-03
REL DATE 12-01-04
WOS# 0000048800

CUST P#
QTY 1
PROJECT# P17300
CUST# 15355

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



20 210 00 OCA/BLACK BOX ASSY AREA 0 0000 0 0000 0 0000
STAKE HARDWARE - NUTS,
WASHERS, STUDS, SCREWS

* PROCESS PER CAA STEP 36

ADHESIVE 0151, GTC P0# 31403 EXPIRATION DATE 1-31-07

CURE DATE 4-7-05 START 10:00 a.m. STOP 12:00 p.m.

DATE 4-7-05 QTY 1 REMARKS 17.5 gm resin, 4.1 gm hardener STATUS HG #1941



21 210 00 OCA/BLACK BOX ASSY AREA 0 0000 0 0000 0 0000
INSTALL/STAKE SUPPORTS

* PROCESS PER CAA STEP 37

ADHESIVE 0151, GTC P0# 31403 EXPIRATION DATE 1-31-07

CURE DATE 4-7-05 START 10:00 a.m. STOP 12:00 p.m.

DATE 4-7-05 QTY 1 REMARKS 17.5 gm resin, 4.1 gm hardener STATUS HG #1941



22 210 00 OCA/BLACK BOX ASSY AREA 0 0000 0 0000 0 0000
STAKE COMPONENTS - Q550,
Q650, F2-F5

* PROCESS PER CAA STEP 38

ADHESIVE 0151, GTC P0# 31403 EXPIRATION DATE 1-31-07

CURE DATE 4-7-05 START 10:00 a.m. STOP 12:00 p.m.

DATE 4-7-05 QTY 1 REMARKS 17.5 gm resin, 4.1 gm hardener STATUS HG #1941

ASSY/ENF LAT-DS-02388
GLAST, TPS

WCR 112067
REQ DATE 01-10-05
REL DATE 12-01-04
COP
PO# 0000048800

CUST PR
QTY
PROJECT# 113300
CUST# 15356

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



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

* PROCESS PER CAA STEP 39

ADHESIVE 0151, GTC PO# 31403 EXPIRATION DATE 1.31.07
CURE DATE 4.7.05 START 10:00 AM STOP 12:00 PM

DATE QTY REMARKS STATUS
4.7.05 1 17.5 gm resin, 4.6 hardware H6-#1241



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

* PROCESS PER CAA STEP 40

ADHESIVE 0151, GTC PO# 31403 EXPIRATION DATE 1.31.07
CURE DATE 4.7.05 START 10:00 AM STOP 11:00 PM

DATE QTY REMARKS STATUS
4.7.05 1 17.5 gm resin, 4.6 gm hardware H6-#1241
4-28-05 1 staked R22, R1 & R2 P.O. 1946
4-28-05 1 baked A22, R1 & R2 1:00 PM P.O. 1946

RAO 4-23-05

P.O. #31403 exp date 1/31/07



41 200 00 QUALITY ASSURANCE AREA
QFE: SLD-5 ASSY-57 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 41

** RECORD DEFECT REPORT NUMBER(S) BELOW

CR#(S) 30666

DATE QTY REMARKS STATUS
4/12/05 1 less D505, D605

os/os/os filled shortage of D505 & D605. os/os/os. inspection of D505 + D605 5/5/05

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/EN# LAT-DS-02355
***, GLAT, TPS

WOP# 112067
REQ DATE 02-10-08
REL DATE 12-01-08
SOP#
PC# 0000048800

CUST #
PROJECT# 1
CUST# 717300
19356

PAGE 13

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



42 200 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
SLAC QAR INSPECTION - MIP

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

DATE	QTY	REMARKS	STATUS
		GLAT 1784	LAT TO QA



43 200 00 PACKAGING/SHIPPING INSP 0.0000 0.0000 0.0000
PACKAGE & SHIP CCA FOR
TEST & CUSTOMER

* PROCESS PER CAA STEP 43

DATE	QTY	REMARKS	STATUS
5/20/05	1		SC-1587



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.

DRR#(S):

DATE	QTY	REMARKS	STATUS
6/16/05	1		QIG TO QA



45 200 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
SLAC QAR PRE-COAT INSP
MANDATORY INSPECTION
POINT (BEST POINT)

* PROCESS PER CAA STEP 45

DATE	QTY	REMARKS	STATUS
1/7/05	1	GLAT 1784	LAT TO QA

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/PN# LAY-DS-02388
C/A, CLAST, TFS

MO# 112067
ASO DATE 02-10-05
REL DATE 12-01-04
SUS
POR 0000049500

CUST PR
QTY 1
PROJECT# 717300
CUST# 15355

PAGE 14

LINE DEPT MACH# OP# DESCRIPTION..... SET-UP RIN M O U S S
LINE-MACH ST-LOT



44 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0010

HAND CLEAN AND TEST
THE CLEANLINESS OF CCA.
ATTACH RESULTS REPORT TO
THE TRAVELER/NO.

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

DATE	QTY	REMARKS	STATUS
4/17/05	1		HF1332
6/17/05	1	Test clean	140



47 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
C/A: SLDR-0 ASSY-7

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

DRR#(S):

DATE	QTY	REMARKS	STATUS
6/19/05	1		



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

- PROCESS CAA PER CAA STEP 48

RECORD BAKE DATE-TIME START/STOP BELOW:

BAKE DATE: 6/17/05 START: 1:30pm STOP: 4:30

DATE	QTY	REMARKS	STATUS
6/17/05	1	Bake mask	HIV

TYPE PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/PK# LAT-DS-02336
PCA, GLAST, TFS

WOB# 112067
REQ DATE 02-10-05
REL DATE 12-01-04
SOP
POP 0000048600

CUST #
PROJECT # 17300
COST# 15385
PAGE 15

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



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

* PROCESS CAA PER CAA STEP 49:

CONFORMAL COATING PCB 31201 EXPIRATION DATE 6/30/05
AIR CURE DATE 6/17/05 START 2:00PM STOP 6:30AM (6/20)05

DATE	QTY	REMARKS	STATUS
<u>6-17-05</u>	<u>1</u>	<u>CAA</u>	<u>HW</u>



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

* PROCESS CAA PER CAA STEP 50:

OVEN CURE DATE 6/20/05 START 6:35AM STOP 7:35AM
OVEN CURE DATE 6/20/05 START 8:35AM STOP 9:35

DATE	QTY	REMARKS	STATUS
<u>6/20/05</u>	<u>1</u>	<u>To Cure / w mask</u>	<u>SPK</u>



51 297 00 QUALITY ASSURANCE AREA OFE 9LDR-0 ASSY-1 0.0000 0.0000 0.0000

* PROCESS CAA PER CAA STEP 51:

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

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

DATE	QTY	REMARKS	STATUS
<u>6/20/05</u>	<u>1</u>		

WORK UBL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/ENV: LAT-DS-00388
CAR: GLAS, 178

NOB 112067
REQ DATE 04-10-05
REQ DATE 14-01-04
SOP
POP 0000046600

CUST #
QTY 1
PROJECT# P17300
CUST# 15355

PAGE 10

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



52 280 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
CST

* PROCESS CAA PER CAA STEP 52

NOTE NEXT ASSEMBLY IS LAT-DS-01482.

DATE	QTY	REMARKS	STATUS
6/20/05	1	GLAT 1784	



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

WORKMANSHIP:-----
 IPC/61A-3-STD 501C CLASS 3; WITH "CS" SPACE SUPPLEMENT
 SLAC CAR MAY CHOOSE TO AUDIT/OBSERVE PROCESS PERFORMANCE
 OF ANY STEP OF THE TRAVELER/WORK ORDER. SLAC CAR MAY
 INDICATE OBSERVATIONS BY STAMP MARKING AT THE STEP.
 -31R U2.08.13-----

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

BY LINE ITEM

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

DATE PULLED: _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	REQUIREMENTS		RSVD IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL		
				STAT	QUANTITY				QUANTITY	LOT DATE	BIN
1	LAT-DS-02389 PWB, GLAST, 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-02830-01 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		6.00		
								PULLED:			
3	LAT-DS-02465 HEAT SINK, TPS ORIGINAL QUANTITY...	EA	4.00				SK2 FN-D3		0.00		
			4.00					PULLED:			
				RSVD	4.00	115014	SKCF2	115014	65.4	06-23-07	
								PULLED:			
4	LAT-DS-02831-01 ASSY, CABLE, TPS O/P PWR ORIGINAL QUANTITY...	EA	1.00	BO		1.00	SK2 FN-(D4)	18 J1	0.00		
			1.00					PULLED:			
							SKCF2		4.00		
								PULLED:			
5	LAT-DS-01595 SUPPORT, CABLE HARNESS ORIGINAL QUANTITY...	EA	2.00				SK2 FN-D21		0.00		
			2.00					PULLED:			
				RSVD	2.00	115020	SKCF2	115020	14.00	09-27-04	FINISHED
								PULLED:			
								120306	23.00	09-11-07	IN ASSY
								PULLED:			
6	LAT-DS-05535 LABEL, SN ORIGINAL QUANTITY...	EA	1.00	BO		1.00	SK2 FN-D22		0.00		
			1.00					PULLED:			
							SKCF2		4.00		
								PULLED:			
7	NAS11490N432R WASHER ORIGINAL QUANTITY...	EA	4.00				SK2 FN-D5	50293	6.00	07-31-01	A4F
			4.00					PULLED:			
				RSVD	4.00	115016	SKCF2	115016	138.00	09-27-04	LOT 115
								PULLED:			
8	NAS671CB NUT, BS, SM, PAF ORIGINAL QUANTITY...	EA	19.00	RSVD		19.00	SK2 FN-6	177955	545.00	02-02-03	
			19.00					PULLED:			

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

BY LINE ITEM

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

DATE PULLED: _____

FULLED BY: _____

LINE #	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STAT	REQUIREMENTS		INVLLOC	LOT NUMBER	INVENTORY DETAIL				
					ASSY IN LOT #	QUANTITY			LOT QUANTITY	LOT DATE	LOT LIFE	BINLOC	BIN QUANTITY
8	NAS67106 NUT, SS, SM, PAT Cont from prior page.	EA	19.00					117403	37.00	11-04-04	D2H		
							FN-6	PULLED:					
							122960	910.00	02-02-05				
							FN-6	PULLED:					
							122986	500.00	02-03-05				
							FN-6	PULLED:					
							122987	500.00	02-02-05				
							FN-6	PULLED:					
							SKCF2 44571	18.00	08-19-00	CF1D			
								PULLED:					
							116770	423.00	10-28-04				
								PULLED:					
9	NAS1352N06 6 SCREW ORIGINAL QUANTITY...	EA	7.00					SK3 FN-D7				0.00	
								RSVD	7.00	115011			
							SKCF2	115011	121.00	09-27-04			
								PULLED:					
10	NAS1352N14-6 SCREW ORIGINAL QUANTITY...	EA	4.00					SK2 FN-D8				0.00	
								RSVD	4.00	114837			
							SKCF2	114837	524.00	09-23-04	LOT 105		
								PULLED:					
							115012	712.00	09-27-04	IN ASSY			
								PULLED:					
11	NAS1149CN6J2R WASHER ORIGINAL QUANTITY...	EA	19.00					SK2 FN-D9				0.00	
								RSVD	19.00	115010			
							SKCF2	115010	327.00	09-27-04			
								PULLED:					
12	NAS67104 NUT, HEX, SS, PASS, 4-40THRD ORIGINAL QUANTITY...	EA	4.00	RSVD				SK2 FN-D10	133.00	01-20-05	HW7		
								RSVD	4.00	122091			
							FN-D10	122142	64.00	01-20-05			
								PULLED:					
							FN-D10	122180	250.00	01-21-05			
								PULLED:					
							FN-D10	123196	1000.00	03-03-04-05			
								PULLED:					
							FN-D10	123384	320.00	02-07-05			
								PULLED:					

SKCF2
115011

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

BY LINE ITEM

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

DATE FULLED: _____

PULLED BY: _____

LINE #	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS QUANTITY	RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL			
									QUANTITY	LOT DATE	BINLOC	BIN QUANTITY
12	NAS67104 V.M. HEX, 55, PASS, 4-40TRD Cont from prior page.	EA	1.00				FN-D10	123397	610.00	02-07-05		
							FN-D10	123512	80.00	02-07-05		
							FN-D10	123521	155.00	02-07-05		
							FN-D10	123532	160.00	02-07-05		
							FN-D10	123691	700.00	02-07-05		
							SKCF2	115009	31.00	09-27-04	LOT 115	
13	CV-2846 RTV NUSIL TECH ORIGINAL QUANTITY...	OZ	1.00	BO	1.00		SK2 FN-D11		0.00			
			1.00				SKCF2		0.00			
14	0151 ADHESIVE; NYSOL 402 KIT ORIGINAL QUANTITY...	OZ	1.00	BO	1.00		SK2 FN-D12		0.00			
			1.00				SKCF2		0.00			
15	PL11M-C76 TIE, CABLE, LOCKING, PANDUIT ORIGINAL QUANTITY...	EA	5.00	BO	5.00		SK2 FN-D15		0.00			
			5.00				SKCF2		0.00			
16	5750 CONFORMAL COATING URELANE ORIGINAL QUANTITY...	OZ	1.00	BO	1.00		SK2 FN-D17		0.00			
			1.00				SKCF2		0.00			
17	DC8-1104 ADHESIVE ORIGINAL QUANTITY...	OZ	1.00	BO	1.00		SK2 FN-D18		0.00			
			1.00				SKCF2		0.00			
18	M12759/11-14-9 WIRE, 24AWG, WHITE ORIGINAL QUANTITY...	IN	1.00	RSVD	1.00	46190	SK2 FN-D19	46190	1750.00	09-14-00	SK2 R1	
			1.00									

SKCF2
115209

ASSEMBLY # : LAT-DS-02329
WD QUANTITY : 1
WIP LOCATION: WC2

BY LINE ITEM

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

FULLED: _____ FULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STAT	REQUIREMENTS	RSVD	IN	LOT	INVLOC	LOT NUMBER	INVENTORY DETAIL			
											LOT QUANTITY	LOT DATE	LOT LIFE	BINLOC
	WIRE, 24AWG, WHITE Cont from prior page.							SKCF2 115299			17716.00	10-01-04	LOT1152	
19	LAT-DS-04101 HEATSINK ORIGINAL QUANTITY...	EA	2.00					SK2 FN-D20 PULLED:			0.00			
			2.00		RSVD	2.00	120304	SKCF2 120304 PULLED:			2.00	09-27-04		
20	ARF461 IC FILTER ORIGINAL QUANTITY...	EA	1.00					SK2 FN-34 VRS PULLED:			0.00			
			1.00		RSVD	1.00	114959	SKCF2 114959 PULLED:			1.00	09-27-04		
21	MAX7248CK IC ORIGINAL QUANTITY...	EA	7.00					SK2 FN-16 U6 U7 U8 U10 U15 U17 U18 PULLED:			0.00			
			7.00		RSVD	7.00	114961	SKCF2 114961 PULLED:			7.00	09-27-04		
22	506PR8663501VXC IC ORIGINAL QUANTITY...	EA	5.00					SK2 FN-25 U20 U559 U560 U569 U660 PULLED:			0.00			
			5.00		RSVD	5.00	120301	SKCF2 120301 PULLED:			5.00	12-10-04	DRY 10	
23	50310400TKV DIODE ORIGINAL QUANTITY...	EA	7.00					SK2 FN-19 D1 D2 D3 D4 D8 D19 D20 PULLED:			0.00			
			7.00		RSVD	7.00	114948	SKCF2 114948 PULLED:			7.00	09-27-04		
24	JANTXV1N4153UP-1 DIODE ORIGINAL QUANTITY...	EA	8.00					SK2 FN-20 D502 D503 D509 D599 D501 D503 D609 D605 PULLED:			0.00			
			8.00		RSVD	8.00	114949	SKCF2 114949 PULLED:			8.00	09-27-04		
25	JANTXV1N5806US DIODE INSERABLE ORIGINAL QUANTITY...	EA	8.00					SK2 FN-21 D501 D504 D507 D508 D501 D504 D507 D508 PULLED:			0.00			
			8.00		RSVD	8.00	114950	SKCF2 114950 PULLED:			8.00	09-27-04		
26	JANTXV1N4187US DIODE ORIGINAL QUANTITY...	EA	6.00					SK2 FN-23 CR1 CR3 CR4 CR6 CR8 CR9 PULLED:			0.00			



ASSEMBLY # : LAT-DS-C2388
WO QUANTITY : 1
WIP LOCATION: W02

BY LINE ITEM

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

PULLED: _____

PULLED BY: _____

LINE #	PART NUMBER AND DESCRIPTION	EA	REQUIRED QTY	CURR STATUS	REQUIREMENTS		RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL				
					QTY	STAT				QTY	LOT	LOT DATE	LOT LIFE	BANLOC
	DIODE Cont from prior page.				RSVD	6.00	114952	SKCF2	114952	48.00	09-27-04			
27	JANTXV1N4106UR-1 DIODE ORIGINAL QUANTITY...	EA	4.00		RSVD	4.00	114953	SKCF2	114953	61.00	09-27-04			
28	JANTXV1N4494US DIODE ORIGINAL QUANTITY...	EA	1.00		RSVD	1.00	114955	SKCF2	114955	14.00	09-27-04			
29	JANTXV1N4885US DIODE ORIGINAL QUANTITY...	EA	1.00		RSVD	1.00	114951	SKCF2	114951	11.00	09-27-04			
30	JANTXV1N4819 TRANSISTOR ORIGINAL QUANTITY...	EA	4.00		RSVD	4.00	115006	SKCF2	115006	42.00	09-27-04			
	5942R9532602VXC IC ORIGINAL QUANTITY...	EA	6.00		RSVD	6.00	120302	SKCF2	120302	104.00	12-16-04	DRY-10		
32	CDR32BK103BKUS CAP 0.01UF 100V 10% ORIGINAL QUANTITY...	EA	22.00		RSVD	22.00	114937	SKCF2	114937	622.00	09-27-04			
33	SW608MC106KCB CAPACITOR ORIGINAL QUANTITY...	EA	4.00		RSVD	4.00	114939	SKCF2	114939	308.00	09-27-04			
34	M19006/22-0567H CAPACITOR ORIGINAL QUANTITY...	EA	33.00					SKCF2						



ASSEMBLY # : IAT-DS-02388
W3 QUANTITY : 1
WIP LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE: 02-10-09
RELEASE DATE : 14-01-10
DATE PRINTED : 02-11-09

DATE PULLED: _____ PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		REQV IN LOT #	INVL00 NUMBER	INVENTORY DETAIL				
			REQUISIT QUANTITY	CURR STAT QUANTITY			LOT QUANTITY	LOT DATE	BIN	QUANTITY	
	CAPACITOR Cont from prior page.	EA	RSVD	30.00	114941	SKCP2 114941	49.00	09-27-04			30
35	1210B561K251YHTM CAPACITOR	EA	12.00			SK2 FN-13 C501 C508 C510 C511 C514 C540 C501 C508 C510 C511 C514 C540	0.00				
	ORIGINAL QUANTITY...			12.00							
			RSVD	12.00	114802	SKCP2 114802	832.00	09-23-04			12
36	R45085 FUSE	EA	2.00			SK2 FN-32 F2 F3	0.00				
	ORIGINAL QUANTITY...			2.00							
			RSVD	2.00	114957	SKCP2 114957	46.00	09-27-04			2
37	526218771032VXA IC	EA	2.00			SK2 FN-37 U504 U504	0.00				
	ORIGINAL QUANTITY...			2.00							
			RSVD	2.00	114952	SKCP2 114952	49.00	09-27-04			2
38	32726-31 INDUCTOR	EA	12.00			SK2 FN-39 L1 L2 U3 L4 L5 L6 L7 L10 L11 L12 L13 L14	0.00				
	ORIGINAL QUANTITY...			12.00							
			RSVD	12.00	114954	SKCP2 114954	215.00	09-27-04			12
39	32763-31 INDUCTOR	EA	2.00			SK2 FN-40 L501 L501	0.00				
	ORIGINAL QUANTITY...			2.00							
			RSVD	2.00	114955	SKCP2 114955	195.00	09-27-04			2
40	1RHMJ587034 TRANSISTOR	EA	3.00			SK2 FN-41 Q10 Q11 Q12	0.00				
	ORIGINAL QUANTITY...			3.00							
			RSVD	3.00	114956	SKCP2 114956	27.00	09-27-04			3
41	M0705CPX000 THICK FILM JUMPER	EA	15.00			SK2 FN-42 R21 R24 R117 R515 R515 R515 R515 R210 R210 R269 R272 R285 R2100 R2101 R2101	0.00				
	ORIGINAL QUANTITY...			15.00							
			RSVD	15.00	114817	SKCP2 114817	151.00	09-23-04			15
						114907	756.00	09-27-04			

ASSEMBLY # : LAT-09-02388
WO QUANTITY : 1
W7 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	REQUIREMENTS		RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL		
			REQUIRED QUANTITY	CURR STAT QUANTITY				LOT QUANTITY	LOT DATE	BIN
42	M55342K09B1F00R RESISTOR ORIGINAL QUANTITY...	EA	2.00				SK2 FN-44 R550 R690 PULLED:	0.00		
				RSVD	2.00	114828	SKCF2 114828 PULLED: 114969 PULLED:	44.00	09-23-04	/
43	M55342K06B1E21R RESISTOR ORIGINAL QUANTITY...	EA	3.00				SK2 FN-46 R5 R8 R21 PULLED:	0.00		
				RSVD	3.00	114971	SKCF2 114971 PULLED:	142.00	09-27-04	/
44	M55342K06B1E37R RESISTOR ORIGINAL QUANTITY...	EA	4.00				SK2 FN-47 R25 R28 R51 R52 PULLED:	0.00		
				RSVD	4.00	114972	SKCF2 114972 PULLED:	151.00	09-27-04	/
45	M55342K06B1E00R RESISTOR, CHIP, 100W, 1K OHM ORIGINAL QUANTITY...	EA	6.00	RSVD	6.00	916	SK2 01635 FN-49 R17 R41 R48 R43 R552 R652 PULLED: SKCF2 114818 PULLED: 114976 PULLED:	156.00	09-30-03	SGG
								1235.00	09-20-04	/
46	M55342K06B1E00R RESISTOR, CHIP, 100W, 1K OHM ORIGINAL QUANTITY...	EA	6.00				SK2 FN-49 R506 R515 R556 R404 R615 R656 PULLED:	0.00		
				RSVD	6.00	114819	SKCF2 114819 PULLED: 114977 PULLED:	537.00	09-23-04	/
47	M55341K09B2E00R RES, CHIP, 2.00K, 1/4, 72W ORIGINAL QUANTITY...	EA	1.00				SK2 FN-50 R230 PULLED:	0.00		
				RSVD	1.00	115001	SKCF2 115001 PULLED:	137.00	09-28-04	/
48	M55342K06B2E74R RESISTOR 7R ORIGINAL QUANTITY...	EA	1.00				SK2 FN-52 R71 R75 R77 PULLED:	0.00		
				RSVD	1.00	114950	SKCF2 114950 PULLED:	75.00	09-27-04	/

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

BY LINE ITEM

EFFECTIVITY DATE: 02-13-05
RELEASE DATE : 12-01-04
DATE PRINTED : 02-11-05

FULLED: _____

FULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	REQUIREMENTS		RSVD IN LOT #	INVLOC NUMBER	INVENTORY DETAIL							
				CURS STATUS	STAT QUANTITY			LOT	LOT DATE	BIN					
56	CDR318X2238KUS CAPACITOR ORIGINAL QUANTITY...	EA	4.00				SK2 FN-7 C503 C551 C603 C651	0.00							
			4.00	RSVD	4.00	114940	SKCF2 114940	2450.00	09-27-04						
57	CDR318X4758KUS CAPACITOR ORIGINAL QUANTITY...	EA	7.00				SK2 FN-9 C6 C7 C12 C36 C63 C74 C77	0.00							
			7.00	RSVD	7.00	114799	SKCF2 114799	1253.00	09-23-04						
						114942		333.00	09-27-04						
58	CDR318P4708KUS CAPACITOR ORIGINAL QUANTITY...	EA	4.00				SK2 FN 10 C103 C512 C561 C661	0.00							
			4.00	RSVD	4.00	115090	SKCF2 115090	951.00	09-23-04						
59	CWR02PC475KDB CAPACITOR ORIGINAL QUANTITY...	EA	89.00				SK2 FN-11 C103 C104 C105 C106 C107 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C118 C119 C120 C121 C122 C123 C124 C125 C126 C127 C128 C129 C130 C131 C132 C133 C134 C135 C136 C137 C138 C139 C140 C141 C142 C143 C144 C145 C146 C147 C148 C149 C150 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C162 C163 C164 C165 C166 C167 C168 C169 C170 C171 C172 C173 C174 C175 C176 C177 C178 C179 C180 C181 C182 C183 C184 C185 C186 C187 C188 C189 C190 C191 C192 C193 C194 C195 C196 C197 C198 C199 C200 C201 C202 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C213 C214 C215 C216 C217 C218 C219 C220 C221 C222 C223 C224 C225 C226 C227 C228 C229 C230 C231 C232 C233 C234 C235 C236 C237 C238 C239 C240 C241 C242 C243 C244 C245 C246 C247 C248 C249 C250 C251 C252 C253 C254 C255 C256 C257 C258 C259 C260 C261 C262 C263 C264 C265 C266 C267 C268 C269 C270 C271 C272 C273 C274 C275 C276 C277 C278 C279 C280 C281 C282 C283 C284 C285 C286 C287 C288 C289 C290 C291 C292 C293 C294 C295 C296 C297 C298 C299 C300 C301 C302 C303 C304 C305 C306 C307 C308 C309 C310 C311 C312 C313 C314 C315 C316 C317 C318 C319 C320 C321 C322 C323 C324 C325 C326 C327 C328 C329 C330 C331 C332 C333 C334 C335 C336 C337 C338 C339 C340 C341 C342 C343 C344 C345 C346 C347 C348 C349 C350 C351 C352 C353 C354 C355 C356 C357 C358 C359 C360 C361 C362 C363 C364 C365 C366 C367 C368 C369 C370 C371 C372 C373 C374 C375 C376 C377 C378 C379 C380 C381 C382 C383 C384 C385 C386 C387 C388 C389 C390 C391 C392 C393 C394 C395 C396 C397 C398 C399 C400 C401 C402 C403 C404 C405 C406 C407 C408 C409 C410 C411 C412 C413 C414 C415 C416 C417 C418 C419 C420 C421 C422 C423 C424 C425 C426 C427 C428 C429 C430 C431 C432 C433 C434 C435 C436 C437 C438 C439 C440 C441 C442 C443 C444 C445 C446 C447 C448 C449 C450 C451 C452 C453 C454 C455 C456 C457 C458 C459 C460 C461 C462 C463 C464 C465 C466 C467 C468 C469 C470 C471 C472 C473 C474 C475 C476 C477 C478 C479 C480 C481 C482 C483 C484 C485 C486 C487 C488 C489 C490 C491 C492 C493 C494 C495 C496 C497 C498 C499 C500 C501 C502 C503 C504 C505 C506 C507 C508 C509 C510 C511 C512 C513 C514 C515 C516 C517 C518 C519 C520 C521 C522 C523 C524 C525 C526 C527 C528 C529 C530 C531 C532 C533 C534 C535 C536 C537 C538 C539 C540 C541 C542 C543 C544 C545 C546 C547 C548 C549 C550 C551 C552 C553 C554 C555 C556 C557 C558 C559 C560 C561 C562 C563 C564 C565 C566 C567 C568 C569 C570 C571 C572 C573 C574 C575 C576 C577 C578 C579 C580 C581 C582 C583 C584 C585 C586 C587 C588 C589 C590 C591 C592 C593 C594 C595 C596 C597 C598 C599 C600 C601 C602 C603 C604 C605 C606 C607 C608 C609 C610 C611 C612 C613 C614 C615 C616 C617 C618 C619 C620 C621 C622 C623 C624 C625 C626 C627 C628 C629 C630 C631 C632 C633 C634 C635 C636 C637 C638 C639 C640 C641 C642 C643 C644 C645 C646 C647 C648 C649 C650 C651 C652 C653 C654 C655 C656 C657 C658 C659 C660 C661 C662 C663 C664 C665 C666 C667 C668 C669 C670 C671 C672 C673 C674 C675 C676 C677 C678 C679 C680 C681 C682 C683 C684 C685 C686 C687 C688 C689 C690 C691 C692 C693 C694 C695 C696 C697 C698 C699 C700 C701 C702 C703 C704 C705 C706 C707 C708 C709 C710 C711 C712 C713 C714 C715 C716 C717 C718 C719 C720 C721 C722 C723 C724 C725 C726 C727 C728 C729 C730 C731 C732 C733 C734 C735 C736 C737 C738 C739 C740 C741 C742 C743 C744 C745 C746 C747 C748 C749 C750 C751 C752 C753 C754 C755 C756 C757 C758 C759 C760 C761 C762 C763 C764 C765 C766 C767 C768 C769 C770 C771 C772 C773 C774 C775 C776 C777 C778 C779 C780 C781 C782 C783 C784 C785 C786 C787 C788 C789 C790 C791 C792 C793 C794 C795 C796 C797 C798 C799 C800 C801 C802 C803 C804 C805 C806 C807 C808 C809 C810 C811 C812 C813 C814 C815 C816 C817 C818 C819 C820 C821 C822 C823 C824 C825 C826 C827 C828 C829 C830 C831 C832 C833 C834 C835 C836 C837 C838 C839 C840 C841 C842 C843 C844 C845 C846 C847 C848 C849 C850 C851 C852 C853 C854 C855 C856 C857 C858 C859 C860 C861 C862 C863 C864 C865 C866 C867 C868 C869 C870 C871 C872 C873 C874 C875 C876 C877 C878 C879 C880 C881 C882 C883 C884 C885 C886 C887 C888 C889 C890 C891 C892 C893 C894 C895 C896 C897 C898 C899 C900 C901 C902 C903 C904 C905 C906 C907 C908 C909 C910 C911 C912 C913 C914 C915 C916 C917 C918 C919 C920 C921 C922 C923 C924 C925 C926 C927 C928 C929 C930 C931 C932 C933 C934 C935 C936 C937 C938 C939 C940 C941 C942 C943 C944 C945 C946 C947 C948 C949 C950 C951 C952 C953 C954 C955 C956 C957 C958 C959 C960 C961 C962 C963 C964 C965 C966 C967 C968 C969 C970 C971 C972 C973 C974 C975 C976 C977 C978 C979 C980 C981 C982 C983 C984 C985 C986 C987 C988 C989 C990 C991 C992 C993 C994 C995 C996 C997 C998 C999 C1000	89.00	RSVD	89.00	114943	SKCF2 114943	1799.00	09-27-04	
60	CDR318P1018KUS CAPACITOR ORIGINAL QUANTITY...	EA	4.00				SK2 FN-12 C221 C507 C607 C612	0.00							
			4.00	RSVD	4.00	114944	SKCF2 114944	514.00	09-27-04						
61	CANTXVIN4489US DIODE ORIGINAL QUANTITY...	EA	1.00				SK2 FN-25 D500	0.00							
			1.00	RS	1.00		SKCF2	0.00							
62	3XE110 FUSE, POLYSWITCH ORIGINAL QUANTITY...	EA	2.00				SK2 FN-22 F4 F5	0.00							
			2.00	RSVD	2.00	114959	SKCF2 114959	40.00	09-27-04						
63	RA0698A200FR RESISTOR ORIGINAL QUANTITY	EA	1.00				SK2 FN-43 R21	0.00							
			1.00												



ASSEMBLY # : LAT-DS-02288
MO QUANTITY : 1
Y LOCATION: W02

BY LINE ITEM

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

1 PULLED: _____

PULLED BY: _____

LINE	DESCRIPTION	EA	RSVD	REQUIREMENTS		REQ IN	LOT	INVENTORY DETAIL			
				QUANTITY	STAT			QUANTITY	LOT #	LOT	DATE
	RESISTOR			1.00		114968	SKCF2	114968	91.00	09-27-04	
	Cont from prior page.										

64	M55342H06B1D21R RESISTOR	EA	4.00				SK2		0.00		
	ORIGINAL QUANTITY...		4.00				FN-65 R20 R53 R55 R61				
				RSVD		4.00	114970	SKCF2	114970	222.00	09-27-04

65	M55342H06B7R21R RESISTOR	EA	6.00				SK2		0.00		
	ORIGINAL QUANTITY...		6.00				FN-51 R37 R40 R64 R65 R66 R67				
				RSVD		6.00	114979	SKCF2	114979	443.00	09-27-04

66	M55342K09B1OFOF RESISTOR	EA	4.00				SK2		0.00		
	ORIGINAL QUANTITY...		4.00				FN-60 R343 R544 R643 R644				
				RSVD		4.00	114820	SKCF2	114820	54.00	09-27-04
							114968		212.00	09-27-04	

67	M55342K06B1B20R RESISTOR	EA	3.00				SK2		0.00		
	ORIGINAL QUANTITY...		3.00				FN-61 R18 R35 R46				
				RSVD		3.00	114989	SKCF2	114989	122.00	09-27-04

68	M55342K06B1B20R RESISTOR CHIP, 100K, 15K 0	EA	1.00	RSVD		1.00	SK2	4305	140.00	09-26-08	558
	ORIGINAL QUANTITY...		1.00				FN-62 R39				
							SKCF2	114990	82.00	09-27-04	

69	M55342K06D1B20R RESISTOR	EA	2.00				SK2		0.00		
	ORIGINAL QUANTITY...		2.00				FN-63 R231 R567				
				RSVD		2.00	114991	SKCF2	114991	122.00	09-27-04

70	M55342K06B20B2R RESISTOR, 10Kohms	EA	8.00	RSVD		8.00	SK2	17105	300.00	02-23-02	307
	ORIGINAL QUANTITY...		8.00				FN-64 R505 R507 R510 R525 R605 R607 R610				
							R525				
							46973		1000.00	09-26-00	
							FN-64 R505 R507 R510 R525 R605 R607 R610				
							R525				

114972

ASSEMBLY # : LAT-05-02388
QTY : 1
LOCATION : W02

BY LINE ITEM

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

DATE PULLED: _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RESV IN LOT #	INVL0C NUMBER	INVENTORY DETAIL				
			REQUIRED QUANTITY	CURR STATUS			LOT	QUANTITY	LOT DATE	SIN	QUANTITY
	RESISTOR, 20Kohms Cont from prior page.	EA				SKCF2 114992	208.00	09-27-04			
						PULLED:					
71	M55342K09B22D1R RESISTOR ORIGINAL QUANTITY...	EA	1.00			SK2 FN-65 R511	0.00				
			1.00			PULLED:					
			RSVD	1.00	114993	SKCF2 114993	137.00	09-27-04			
						PULLED:					
72	M55342K06B22B1R RESISTOR ORIGINAL QUANTITY...	EA	5.00	RSVD	3.00	SK2 FN-65 R511 R512 R566 R612	33.00	12-15-00	590		
			5.00			PULLED:					
			RSVD	2.00	50591	SKCF2 50591	10.00	12-15-00	590		
						PULLED:					
						114994	173.00	09-27-04			
						PULLED:					
73	M55342K06R13B2R RESISTOR ORIGINAL QUANTITY...	EA	1.00			SK2 FN-67 R666	0.00				
			1.00			PULLED:					
			RSVD	1.00	114995	SKCF2 114995	134.00	09-27-04			
						PULLED:					
74	M55342K06B40E2R RESISTOR, 40.2Kohms ORIGINAL QUANTITY...	EA	5.00	RSVD	6.00	SK2 FN-69 R10 R12 R592 R593 R698 R699	323.00	03-31-03	516		
			6.00			PULLED:					
						SKCF2 114996	369.00	09-27-04			
						PULLED:					
75	M55342K06B61E2R RESISTOR ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	SK2 FN-69 R607	17.00	04-15-03	578		
			1.00			PULLED:					
						SKCF2 114997	144.00	09-27-04			
						PULLED:					
76	M55342K06B1000R RESISTOR, CHIP, 100K, 100 OH ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	SK2 FN-70 R501 R510 R601 R635	240.00	04-27-04	57H		
			4.00			PULLED:					
						SKCF2 114922	3438.00	09-27-04			
						PULLED:					
						114998	6.00	09-27-04			
						PULLED:					
77	M55342K06D100R RESISTOR, CHIP, 100K, 100K ORIGINAL QUANTITY	EA	13.00			SK2 FN-71 R6 R7 R200 R201 R202 R203 R204 R206 R207 R513 R597 R613 R657	0.00		590		
			13.00			PULLED:					



ASSEMBLY # : LAT-DS-02185
WC : 1
W : CATION: W02

BY LINE ITEM

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

DATE PULLED:

PULLED BY:

LINE	DESCRIPTION	EA	REQUIREMENTS		RESV IN LOT #	INVLOC NUMBER	INVENTORY DETAIL		
			UM	QUANTITY			STAT	LOT	QUANTITY
	RESISTOR, CHIP, 100W, 100K Cont from prior page.		RSVD	13.00	114823	SKCF2 114823	1316.00	09-23-04	S90
						PULLED:			
						114999	160.00	09-27-04	
						PULLED:			
						98596	40.00	01-08-04	
						PULLED:			
76	M55342K06B301DR RESISTOR ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	SK2 50769 FN-72 R50	29.00	12-20-00	S90
						PULLED:			
						SKCF2 91375	84.00	09-24-03	CP02
						PULLED:			
						115000	47.00	09-27-04	
						PULLED:			
79	D55342K07B402ER RES. 402K, 1/4W, 1% ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	SK2 84272 FN-73 R332	20.00	04-15-03	S10
						PULLED:			
						2714 FN-73 R592	10.00	09-26-04	
						PULLED:			
						SKCF2 115001	93.00	09-27-04	
						PULLED:			
	D55342K07B511ER RESISTOR ORIGINAL QUANTITY...	EA	10.00			SK2 7.00 FN-74 R531 R543 R554 R555 R631 R632 R633 R653 R654 R655			
			RSVD	10.00	115002	SKCF2 115002	105.00	09-27-04	
						PULLED:			
81	M55342K06B549DR RESISTOR ORIGINAL QUANTITY...	EA	2.00			SK2 0.00 FN-75 R122 R142			
			RSVD	2.00	115003	SKCF2 115003	40.00	09-27-04	
						PULLED:			
82	S111218-095786 THERMISTOR, 30K ORIGINAL QUANTITY...	EA	2.00			SK2 0.00 FN-79 R1 R2			
			RSVD	2.00	115004	SKCF2 115004	40.00	09-27-04	
						PULLED:			
83	QANTYV2N2222AUB TRANSISTOR NPN ORIGINAL QUANTITY...	EA	21.00			SK2 0.00 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 Q25 Q26 Q27 Q28 Q29 Q30 Q31 Q32 Q33 Q34 Q35 Q36 Q37 Q38 Q39 Q40 Q41 Q42 Q43 Q44 Q45 Q46 Q47 Q48 Q49 Q50 Q51 Q52 Q53 Q54 Q55 Q56 Q57 Q58 Q59 Q60 Q61 Q62 Q63 Q64 Q65 Q66 Q67 Q68 Q69 Q70 Q71 Q72 Q73 Q74 Q75 Q76 Q77 Q78 Q79 Q80 Q81 Q82 Q83 Q84 Q85 Q86 Q87 Q88 Q89 Q90 Q91 Q92 Q93 Q94 Q95 Q96 Q97 Q98 Q99 Q100			
			RSVD	21.00	120303	SKCF2 120303	145.00	12-16-04	
						PULLED:			

ASSEMBLY # : LAT-D5-02388
WA QUANTITY : 1
LOCATION: W02

BY LINE ITEM

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

PULLED BY: _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	RESV IN	LOT #	INVLOC NUMBER	INVENTORY DETAIL		
								QUANTITY	LOT DATE	BIN
84	2AN1XV2N29C7AUB TRANSISTOR ORIGINAL QUANTITY...	EA	2.00				SK2 FN-52 Q599 Q699 PULLED:	0.00		
				RSVD	2.00	115007	SKCP2 115007 PULLED:		09-27-04	
85	M55142K09B4E99R RESISTOR ORIGINAL QUANTITY...	EA	2.00				SK2 FN-54 R519 R619 PULLED:	0.00		
				RSVD	2.00	114982	SKCP2 114982 PULLED:		09-27-04	
86	M55342K06B5E11R RESISTOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	606	SK2 60670 FN-55 R508 R608 PULLED: R2059 R305 R609 PULLED: SKCP2 114829 PULLED: 114983 PULLED:	44.00	09-07-01	89F
								9.00	03-19-03	
								204.00	09-27-04	
								232.00	09-27-04	
87	M55342K09B1000R RESISTOR ORIGINAL QUANTITY...	EA	1.00				SK2 FN-58 R611 PULLED:	0.00		
				RSVD	1.00	114986	SKCP2 114986 PULLED:		09-27-04	

DEFECT RECORD REPORT

INSPECTION TYPE: POTTING
 INSPECTION LEVEL: 1
 INSPECTOR: EMARTINEZ

OFE SOLDER: 0
 OFE ASSEMBLY: 87
 DATE: 4/12/2005
 WEEK CODE: 17

CODE WORKCELL

REF DES PIN NOTES

REF DES	PIN NOTES
Q20 ✓	COATING NOT REQUIRED
C85 ✓	COATING NOT REQUIRED
C82 ✓	COATING NOT REQUIRED
Q24 ✓	COATING NOT REQUIRED
C35 ✓	COATING NOT REQUIRED
C13 ✓	COATING NOT REQUIRED
ZR112 ✓	COATING NOT REQUIRED

Di 1946
12-05

Sofell

DEFECT RECORD REPORT

ID 29826

PART NUMBER: LAT DS-07388

WORK ORDER: 112057

SALES ORDER: F17300

QUANTITY: 1 RWQTY: 1

CUSTOMER: SLAC

INSPECTION TYPE: POST REFLOW

INSPECTION LEVEL: 1

INSPECTOR: EMARTINEZ

OFF SOLDER: 1421

OFFE ASSEMBLY: 786

DATE: 2/23/2005

WEEK CODE: 10

SERIAL NO.	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
114	5	1858	A342		> 25% OVERHANG	L11 ✓	L14, D2, L1, L7, L6 ✓✓✓✓
114	1	1858	S402		INSUFFICIENT SOLDER	D8 ✓	
114	1	1858	S407		NON SOLDERED CONNECTION	D4 ✓	
114	1	1858	S412		< 75% HEEL FILLET AT 10X MAGN.		

03/11/05 Rework done by ^{BY} *Byg* 03/11/05.
 03/12/05



CCA PIN: LAT-DS-02388 & LAT1784 G.T.114

W.O. #: 112067

CC Tech: HW (Initial / Employee #)

Date: 6-17-05

MIX RATIOS

Coating TYPE: ARATHANE Mfr: HUNTS MAN

Lot Number: AKHG-B8013A Expiration Date: 6/30/2005

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

AIR CURE: START 6/17/05 2:00 PM FINISH 6/20/05 6:35 AM




OVEN CURE: START 6:35 AM (6/20/05) FINISH

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
1	RE - NCMR 2323. <i>guz</i> Record serial numbers Affected: __ GT-104 Glat-1774 Thru GT-122 Glat-1792 __ Serial Number <u>GT114</u> <u>GLAT 1784</u>	 <i>guz</i>	04/05/05	
2	REMOVE ALL CABLE TIE WRAPS ON HARNESSSES.	<i>P.D. 1946</i>	5/4/05	
3	REPLACE ALL CABLE TIE WRAPS USING THE PANDUIT CABLE TIE WRAP TOOL ON SETTING "STANDARD", AT LEVEL "7".	<i>P.D. 1946</i>	5/4/05	
4	TRIM CABLE TIES FLUSH TO THE STRAP HEAD ADD A DROP OF ADHESIVE TO THE CUT STRAP SO THAT THE ADHESIVE FLOWS DOWN INTO THE LOCKING MECHANISM. USE HYSOL 0151 ADHESIVE <i>REFER TO CAA LAT-DS-02388</i>	<i>P.D. 1946</i>	5/4/05	
5	Hysol 0151 data: DATE MIXED <u>5/4/05</u> Expiration Date <u>1/31/07</u> PO# <u>31403</u>	<i>P.D. 1946</i>	5/4/05	
6	Inspection	 <i>guz</i>	5/4/05	
7	Source Inspection	 <i>guz</i>	5/14/05	













REWORK TRAVELER

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

STEP	OPERATION	Operator Sign Off.	Date	Time spent
	NCMR 2305 REMOVE AND REPLACE Q10, Q11, AND Q12			
1	Record serial numbers: TPS LAT-DS-02388 SN's GT- <u>114</u> , GLAT- <u>1784</u>	 Byp	04/22/05	
2	<p>OPERATOR:</p> <p>REMOVE Q10, Q11, AND Q12. USE THE HAKO FM202 PARALLET REMOVAL SOLDERING IRON WITH 5/16" BLADE TIPS</p> <p>PLACE PARTS INTO AN ESD BAG AND RECORD BOARD SERIAL NUMBER ON BAG.</p> <p>KEEP PARTS WITH REWORK TRAVELER THEN ROUT TO QUALITY ENGINEERING WITH A COPY OF THE REWORK TRAVELER.</p>	 Byp  Byp  Byp	05/02/05 05/02/05 05/02/05	
3	<p>OPERATOR:</p> <p>VERIFY PADS HAVE NO DAMAGE.</p>	 5.205	 Byp	05/02/05
3	<p>OPERATOR:</p> <p>SOLDER Q10, Q11, AND Q12 ONTO BOARD</p> <p>USE THE METCAL SOLDERING IRON WITH A .5" BLADE TIP.</p>	 Byp	05/03/05	
4	<p>OPERATOR:</p> <p>HAND CLEAN BOARDS USING ALCOHOL.</p>	 Byp	05/03/05	
5	<p>INSPECTION:</p> <p>INSPECT PARTS FOR WORKMANSHIP AND BOARD CLEANLINESS</p>		5/4/05	
6	SOURCE INSPECTION		5/16/05	



REWORK TRAVELER

SO NO: F17300	PART NO: SLAC LAT-DS-02388	REV: 57
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ASSEMBLY NAME: TPS CCA	QTY: 1
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APPROVAL (Original signed edition RESERVED for copying.)							
G. POZZI	4-18-05	G. HEFKIN	4-18-05	K. BERGTHOLDT	4-18-05	P. LUJAN	4-18-05
PREPARED BY	DATE	ENG MGR SUP.	DATE	QA MGR Entl.	DATE	SLAC SOURCE	DATE

STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	Record serial numbers: __ TPS LAT-DS-02388 SN GT- <u>114</u> GLAT- <u>1784</u>	GTC 1299 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.	GTC 1299 Byp	05/03/05	
3	AQUEOUS CLEAN USING RECIPE #3	GTC 1299 Byp	05/03/05	
4	INSPECTION: INSPECT FOR BOARD CLEANLINESS. NO SOLDER BALLS ALLOWED.	GTC 1299 3/1/05	3/1/05	
5	SOURCE INSPECTION	LAT 10 QA	3/1/05	



REWORK TRAVELER

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

ASSEMBLY NAME: TPS CCA	QTY: 1
------------------------	--------

APPROVAL					
G. POZZI	4-28-05	G. HEFKIN	K. BERGTHOLDT	P. LUJAN	4-28-05
PREPARED BY	DATE	ENG MGR	DATE	SLAC SOURCE	DATE
			QA MGR		
					4/28/05

STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	Record serial numbers: __ TPS LAT-DS-02388 SN GT- <u>114</u> GLAT- <u>1784</u>		4/28/05	
2	OPERATOR: STAKE R22 PER CAA-LAT-DS-02388, STEP 40. CURE PER INSTRUCTION IN STEP 40	P.D. 1946	4/28/05	
3	INSPECTION: INSPECT FOR BOARD CLEANLINESS. NO SOLDER BALLS ALLOWED.		5/4/05	
4	SOURCE INSPECTION		5/4/05	



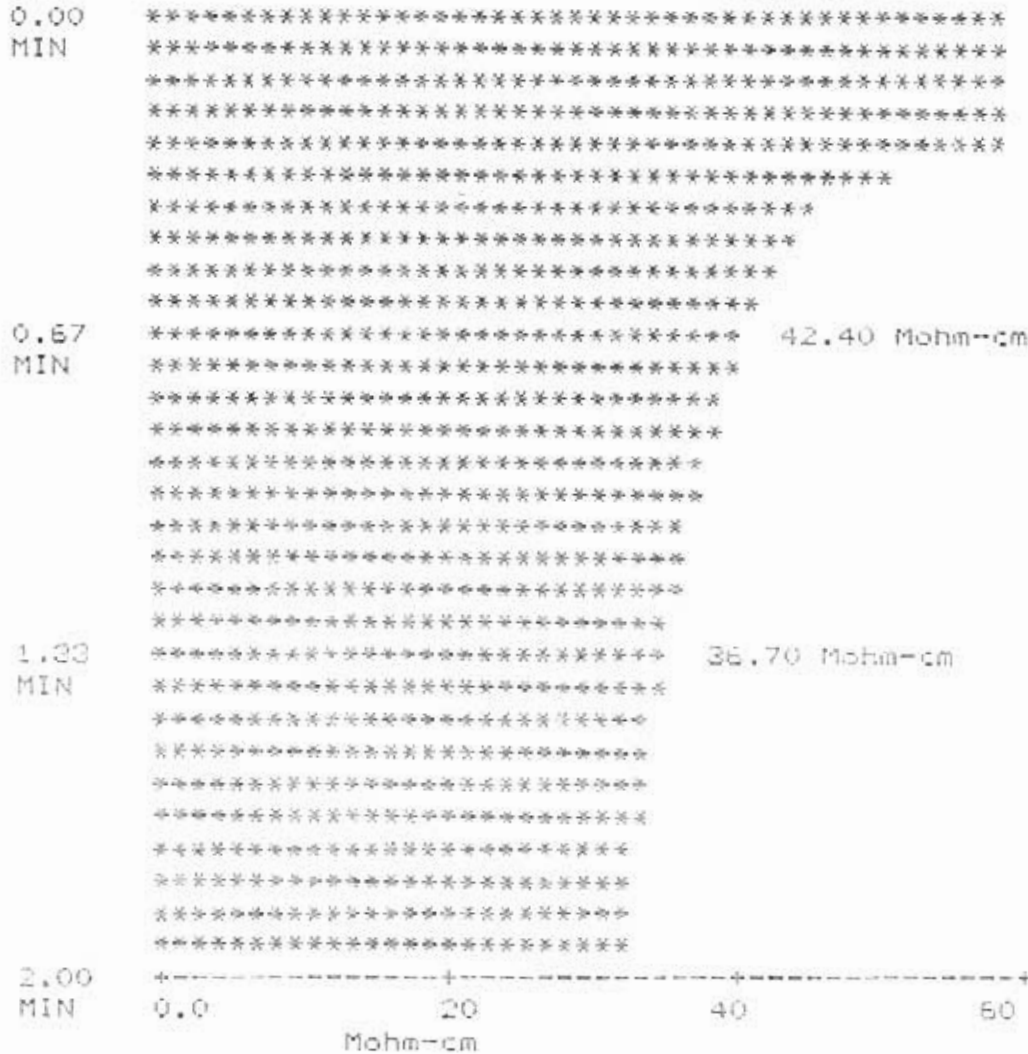
WESTEK

Operator : HANH
01/17/05
10:41:53

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

TEST TIME : 2.00 min
TEST VOLUME : 8820 ml
BOARD AREA : 220.5 sq in
COMP. AREA : 0.00 sq in
VOL/SQ. IN : 40 ml/sq. in
P/F LIMIT : 10.07 ug/sq in
 : 7.70 Mohm-cm
Initial Resistivity : 60.00 Mohm-cm
NaCl Equivalence (Final) : 1.37 ug/sq in

TIME vs RESISTIVITY



Final Resistivity : 33.70 Mohm-cm
NaCl Removed : 0.78 ug/sq in

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

ASSY NAME: IAT-DS-02831-01
ASSEMBLY: ASLE, TFS O/P PWR

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

CUST P#: 19
QTY: 17300
PROJECT#: E17300
CUST#: 15356

SERIAL NUMBER LISTING

N/A

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

WORKMANSHIP

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

LOT NO.	LOT QTY	SERIAL NUMBERS	SEQ NO	REASON	APPRV & DATE
A ¹	3	N/A	3		<i>mm 3/8/05</i>
B	4	N/A	3	To mak.	<i>mm 3/8/05</i>
A ²	2	N/A	6	To move	<i>mm 3/8/05</i>
A ^{1B}	2	N/A	7	To move	<i>mm 3/8/05</i>
A ^{1A2}	6	N/A	7	To move	<i>mm 3/8/05</i>

(Mchdr rev 05.19.04 gih)

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



1 200 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000
CONFIG

***** CONFIGURATION DOCUMENTS *****
 DOCUMENT NUMBER: REV PD/PL: OUTSTANDING EO'S
 ASSY & PL: IAT-DS-02831 52 NONE
 (REFERENCE ASSY/PL IAT-DS-02831 FOR RIV APPLICATION ROT)
 TEST SPEC: N/A
 ASSY AID: N/A
 CUSTOMER NAME: SLAC
 ***** BUILD DOCUMENTS *****
 USE... TRAVELER AND DRAWING
 (REV'D)/PREP'D BY: GH (DATE)DATE: 02.03.05

DATE	QTY	REMARKS	STATUS
<i>2-7-05</i>			<i>mm</i>



WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

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

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

CUST P#
QTY 10
PROJECT# F17300
CUST# 19356

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



2 201 00 STOCKROOM/KITTING AREA 0.0000 0 0000 0.0000
KIT PARTS/MATERIALS

* WIRE, CRIMP PINS, CONNECTOR, AND RTV.

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

Handwritten signature/initials

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

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

WOB 112044
REQ DATE 02-08-05
REL DATE 03-02-05
SOW
PO# 0000048600

CUST #
CTY 19
PROJECT# F17300
CUST# 15355

PAGE 3

LI# DEPT MACH# OPS DESCRIPTION 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" 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 SCHLEIFER PNEUMATIC WIRE STRIPPER SET UP WITH
24 ANG STRIP BLADES, A STRIP LENGTH OF ~~1/16" (1.25)~~ 7/16 (.125)
AND LEAVES THE INSULATION SLUG IN PLACE.

* PRE-ASSY CRIMP TEST...

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

CRIMP TEST: BY: RM1970 DATE: 2/16/05 STATUS Pass

350
EUBANKS SMALL MODEL #4900-CRM

* ASSEMBLY ACTIVITY...

- 1) FEED WIRE DIRECTLY OFF THE SPOOL TO THE STRIPPER.
- 2) STRIP THE INSULATION LEAVING THE SLUG. ~~W&L 1.25"~~ 7/16 (.125)
- 3) CUT THE WIRE OFF AT THE INDICATED LENGTH, AND QUANTITY.
* CUT 78 WIRES TO 8-1/2" (8.50") LONG.
- 4) STRIP SECOND END USING THERMAL TWEEZERS, 1/4".
- 5) TIN SECOND END BY SOLDER DIP. CLEAN WITH ALCOHOL.
- 6) PULL INSULATION SLUG AND CRIMP CONTACT (22D) ONTO LEAD.
USE M22520/2-01 CRIMPER W/ M22520-2-06 TURRET/LOCATOR.
K:41

JA Bogs 2-17-05
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	1	4 nets	0.00

- 3.22.05 strip, tin, crimp H.G.#1941 (133)
- 3.27.05 strips H.G.#1941 (815)
- 3.23.05 crimp, tin, clean H.G.#1941 (492)
- 3.28.05 tin & clean H.G.#1941 (315)

ASSY/FNS LAT-DS-02831-01
AS TABLE: TFS O/P PWR

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

CUST ID
QTY 10
PROJECT# F17300
CUST# 15355

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



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

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

DRR#(S)

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

H.C. #1441



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

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

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

checked strips 375 wires 3/22/05
+ 440

Checked crimps & tin 3/24/05

Checked wires for tinning 35 em 1574

RM 1970 #6 3-25-05 (6) H.C. #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.

DRR#(S)

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

3/24/05	2		
---------	---	--	--

3-25-05	6	check socket retention	
---------	---	------------------------	--

4/21/05	5	" " "	
---------	---	-------	--

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY# N# IAT-DS-02831-01
AS# ADLR, TFS O/P PWR

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

CUST PR
QTY 14
PROJECT# F17300
CUST# 15356

PAGE 5

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



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

- * APPLY RTV, D06-1104, TO WIRES EXITING CONNECTOR SHELL, FROM THE SHELL DOWN THE WIRES 1/2" (.5").
- * TRANSFER RTV TO AN EPD SYRINGE TUBE, OR PLUNGER TYPE SYRINGE, TO AID APPLICATION.
- * ALIGN WIRES WITH KAPTON TAPE IN AN AREA ABOUT 2 TO 4 INCHES AWAY FROM THE CONNECTOR. THIS IS INTENDED TO KEEP WIRES COMING STRAIGHT OUT OF THE CONNECTOR, AS AN AID FOR LATER TERMINATION TO THE CCA.
- * APPLY RTV TO CONNECTOR BACKSHELL SURFACE, AT INSIDE ROWS FIRST, WORKING OUT, AND UP, TO THE APPROXIMATE 1/2" POINT.

* RECORD RTV MATERIAL PO# AND EXPIRATION DATE BELOW:

PO# 31695 EXP DATE 07/10/05

* CURE APPLIED RTV IN OVEN FOR 2 HOURS AT 120 DEG F (60 C).

* RECORD CURE DATE, START/STOP TIME BELOW:

DATE _____ START _____ STOP _____

DATE...	QTY...	REMARKS.....	STATUS
<u>3/24/05</u>	<u>2</u>		<u>2791062</u>
<u>3/28/05</u>	<u>6</u>	<u>same lot of RTV used as above</u>	<u>H.G #1941</u>
<u>4/22/05</u>	<u>6</u>		<u>2791262</u>



43 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
CPE: SLDR-0 ASSY-7

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

DRR#(S) _____

* ROUTE FOR NO CLOSURE AND NEXT ASSY - IAT-DS-02386.

DATE...	QTY...	REMARKS.....	STATUS
<u>4/23/05</u>	<u>5</u>		
_____	_____	_____	
_____	_____	_____	



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

BY LINE ITEM

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

DAT LLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS		RESV IN LOT #	SKC/F2 FN-#	LOT INVOLOC NUMBER	INVENTORY DETAIL		
			QUANTITY	STAT QUANTITY				QUANTITY	LOT DATE	BIN
1	20650-1 CONN (31P407-SS-B-15) ORIGINAL QUANTITY...	EA	19.00	19.00	19.00	SKC/F2 FN-1		0.00		
<p>The following parts have been defined as alternates for 20650-1: LIS 1.1 3112407-SS-B-15 1 PER Partial quantity replacements are allowed.</p> <p><i>Handwritten: SJB LAT-DS-02831 / 101 # 114947</i></p>										
2	M22759/11-24-9 WIRE, 24AWG, WHITE ORIGINAL QUANTITY...	IN	860.00	16340.00	115299	SKC/F2 FN-3	115299	34056.00	10-01-04	LOT1152
<p><i>Handwritten: 16340</i></p>										
3	206071-1 CONTACT (206071-1) ORIGINAL QUANTITY...	EA	26.84	510.00	510.00	SKC/F2 FN-2		0.00		
<p>The following parts have been defined as alternates for 206071-1: LIS 3.1 G0851 1 PER Partial quantity replacements are allowed.</p>										
3.1	G0851 CONTACT (206071-1) ORIGINAL QUANTITY...	EA	51.16	972.00	115021	SKC/F2 FN-2	115021	972.00	09-27-04	
<p>This line is an alternate part for line 3. G0851 is used in a 1 to 1 ratio to 206071-1. Partial quantity replacements are allowed.</p> <p><i>Handwritten: 972</i></p>										
4	DC6-1104 ADHESIVE ORIGINAL QUANTITY...	OZ	1.00	19.00	19.00	SKC/F2 FN-2		0.00		
<p>REQUIREMENT SHOWS ON LAT-DS-02831. APPLY HERE PULLED:</p>										

0710

CRIMP TENSILE STRENGTH LAT-05-02831-0

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Rhoda Marshall 1970	TEST DATE
CONTACT PN:	206071-1	2-16-05
WIRE PN:	M22759/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A830)	Rhoda Marshall
DIE/LOCATOR PN (GTC Tool #):	M22520/2-06 (GTC-A834)	WORK ORDER NO.
SELECTOR VALUE:	3	112044
TEST EQUIP # (Last CAL date):	ALPHA 1202 MP (6.17.01)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

1000

CRIMP TENSILE STRENGTH

LAT-DS-02831-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD		POST - PROD	
CRIMP OPERATOR NAME/EMP #:	1		TEST DATE	2/16/05
CONTACT PN:				TESTED BY
WIRE PN:				RHONN MARSHALL
CRIMP TOOL PN (GTC Tool #):	(GTC-)		WORK ORDER NO.
DIE/LOCATOR PN (GTC Tool #):	(GTC-)		112044
SELECTOR VALUE:				
TEST EQUIP # (Last CAL date):				
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:		
OBSERVATIONS/VALUES				
SAMPLE NUMBER:	No. 1	No. 2	No. 3	
MINIMUM TENSILE STRENGTH:	10	10	10	
MEASURED TENSILE STRENGTH:	13.7	13.6	13.6	
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS	<input type="radio"/> FAIL	<input checked="" type="radio"/> PASS	<input type="radio"/> FAIL
	Type of Separation Observed			
SLIP (pull out) (a)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)		<input checked="" type="checkbox"/>		
CONTACT BROKEN IN CRIMP AREA (some or all) (c)				
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)				
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)				
OTHER (define) (f)				
SPECIAL INSTRUCTIONS (as reqd):				

7:15 a.m.

CRIMP TENSILE STRENGTH CAT-AS-02831-01			
MIL-STD-1344; METHOD 2003.1			
TEST TYPE (circle one):	PRE-PROD		POST-PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1 st 1941		TEST DATE
CONTACT PN:	2060H-1		3.17.05
WIRE PN:	M22759 / 11-24-9		TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 12-01 (GTC A-1012)		Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 12-06 (GTC A-1012)		WORK ORDER NO.
SELECTOR VALUE:	3		112044
TEST EQUIP # (Last CAL date):	Alpha 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	
CONTACT PN:	206071-1	3.16.05	
WIRE PN:	M22759 / 11-24-9	TESTED BY	
CRIMP TOOL PN (GTC Tool #):	M22520 / 201 (GTC #102)	Herbie Gray	
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-06 (GTC #692)	WORK ORDER NO.	
SELECTOR VALUE:	3	112044	
TEST EQUIP # (Last CAL date):	Alptra MPI-200A (6.17.04)		
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:	
OBSERVATIONS/VALUES			
SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.4	13.3	13.4
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS FAIL	<input checked="" type="radio"/> PASS FAIL	<input checked="" type="radio"/> PASS FAIL
Type of Separation Observed			
SLIP (pull out) (a)			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)		✓	✓
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)	✓		
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			
SPECIAL INSTRUCTIONS (as reqd):			

1:15 p.m.

CRIMP TENSILE STRENGTH CAT-SS-0283101					
MIL-STD-1344: METHOD 2003.1					
TEST TYPE (circle one):	PRE-PROD		POST-PROD		
CRIMP OPERATOR NAME/EMP #:	Debra M 1#1262		TEST DATE		
CONTACT PN:	20671-1		3.16.05		
WIRE PN:	M22759 / 11-24-9		TESTED BY		
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC 1.1011)		Herbie Gray		
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-06 (GTC A883)		WORK ORDER NO.		
SELECTOR VALUE:	3		117044		
TEST EQUIP # (Last CAL date):	Adaptor MPT-200A (6.17.04)				
PULL RATE:	1" +/- .25" per min.		OTHER PULL RATE:		
OBSERVATIONS/VALUES					
SAMPLE NUMBER:	No. 1		No. 2		No. 3
MINIMUM TENSILE STRENGTH:	10		10		10
MEASURED TENSILE STRENGTH:	13.5		13.4		13.4
PASS/FAIL (circle test result)	PASS FAIL		PASS FAIL		PASS FAIL
Type of Separation Observed					
SLIP (pull out) (a)					
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)					✓
CONTACT BROKEN IN CRIMP AREA (some or all) (c)					
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)	✓		✓		
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)					
OTHER (define) (f)					
SPECIAL INSTRUCTIONS (as reqd):					

10:36 a.m.

for build of (e)

CRIMP TENSILE STRENGTH CAT-DS-02831-01			
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		3-10-05
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/192)		WORK ORDER NO.
SELECTOR VALUE:	3		112044
TEST EQUIP # (Last CAL date):	Alabaster MPF2006 (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 A (12)

CRIMP TENSILE STRENGTH CAT-DS-02281-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<input checked="" type="radio"/> PRE - PROD	<input type="radio"/> POST - PROD
CRIMP OPERATOR NAME/EMP #:	Harvie Gray 1# 141	TEST DATE
CONTACT PN:	206071-1	3.22.05
WIRE PN:	M22759/11-249	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC# 100)	Harvie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520/2-06 (GTC# 933)	WORK ORDER NO.
SELECTOR VALUE:	3	112044
TEST EQUIP # (Last CAL date):	Alphatron MPT-2004 (6/1/04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.4	13.4	13.4
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<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 #:	Hattie Gray #1941	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">TEST DATE</td> </tr> <tr> <td style="text-align: center;">3.23.05</td> </tr> <tr> <td style="text-align: center;">TESTED BY</td> </tr> <tr> <td style="text-align: center;">Hattie Gray</td> </tr> <tr> <td style="text-align: center;">WORK ORDER NO.</td> </tr> <tr> <td style="text-align: center;">112044</td> </tr> </table>	TEST DATE	3.23.05	TESTED BY	Hattie Gray	WORK ORDER NO.	112044
TEST DATE								
3.23.05								
TESTED BY								
Hattie Gray								
WORK ORDER NO.								
112044								
CONTACT PN:	206071-1							
WIRE PN:	M22759 11-24-9							
CRIMP TOOL PN (GTC Tool #):	M22520 7-01 (GTC # 1012)							
DIE/LOCATOR PN (GTC Tool #):	M22520 7-06 (GTC # 853)							
SELECTOR VALUE:	3							
TEST EQUIP # (Last CAL date):	Alpertsch-2001 (last cal)							
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:						

OBSERVATIONS/VALUES

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

SPECIAL INSTRUCTIONS (as reqd):

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

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Martha Villa ¹ 1742	TEST DATE 4-20-05 TESTED BY Martha Villa WORK ORDER NO. 112044
CONTACT PN:	2060571-1	
WIRE PN:	M22759/11-24-9	
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A833)	
DIE/LOCATOR PN (GTC Tool #):	M22520-2-06 (GTC-A833)	
SELECTOR VALUE:	3	
TEST EQUIP # (Last CAL date):	7-6-05	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

SPECIAL INSTRUCTIONS (as reqd):	
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CRIMP TENSILE STRENGTH

MIL-STD-1344; METHOD 2003.1

01

TEST TYPE (circle one):	PRE - PROD	(PROD)
CRIMP OPERATOR NAME/EMP #:	Mattha Villa / 1742	
CONTACT PN:	206071-1	
WIRE PN:	m 22759 / 11-249	
CRIMP TOOL PN (GTC Tool #):	m 22502 / 2-01 (GTC# 833)	
DIE/LOCATOR PN (GTC Tool #):	m 22520-206 (GTC# 833)	
SELECTOR VALUE:	3	
TEST EQUIP # (Last CAL date):	7-6-05 ()	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RA

OBSERVATIONS/VALUES

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

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

ASSY/FIN: LAT-DS-02830-01
CABLE, TPS I/F PWR

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

CUST #
QTY 19
PROJECTS F17300
CUST# 15356

SERIAL NUMBER LISTING

N/A

APPROVAL
PROD: *[Signature]* 2/23/05
QA: *[Signature]* 2-9-05

WORKMANSHIP

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

LOT NO.	LOT QTY	SERIAL NUMBERS	SEQ NO.	REASON	APPRV & DATE
A	15	N/A	6		<i>[Signature]</i> 3/10/05
B	4	N/A	6	To merc.	<i>[Signature]</i> 3/10/05

(wchdr rev 05.19.04 gih)

LT# DEPT MACH# OP# DESCRIPTION..... SETUP RUN HOURS LINE-MACH AT LOT



1 200 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000
CONFIG

***** CONFIGURATION DOCUMENTS *****
 DOCUMENT NUMBER REV FD/PL OUTSTANDING EO'S
 ASSY & PL: LAT-DS-02830 53 NONE
 (REFERENCE ASSY/PL LAT-DS-02388 FOR RIV APPLICATION ROT)
 TEST SPEC: N/A
 ASSY AID: N/A
 CUSTOMER NAME: SLAC
 ***** BUILD DOCUMENTS *****
 USE... TRAVELER AND DRAWING
 (REV'D)/PREP'D BY: CH (DATE)DATE: 02.03.05



DATE	QTY	REMARKS	STATUS
2-9-05			<i>[Signature]</i>

WORK CELL: 4-MIXED

CUSTOMER: SIAM

TYPE: PRODUCTION

WORK ORDER TRAVELLER NEM

PAGE 2

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

WO# 112041
REQ DATE 02-09-05
REL DATE 02-03-05
SOP
PO# 0000048800

CUST P#
QTY 10
PROJECT# F17300
CUST# 18356

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



2	201	00		STOCKROOM/KITTING AREA KIT PARTS/MATERIALS	0.0000	0.0000	0.0000	
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• WIRE, CRIMP PINS, CONNECTOR, AND RTV.

9/10/05

QTY

REMARKS

STATUS

[Handwritten signature]

WORK CELL: 4-MIXED

(CUSTOMER: SLAC)

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

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

WO# 112043
REQ DATE 02-02-05
REQ DATE 02-03-05
JOB#
PO# 0000048800

CUST #
QTY 19
PROJECT# F17300
CUST# 15356

PAGE 4

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



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

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

DRR#(S)

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



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

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

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

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

ASSURE CONTACT IS SEATED AND LOCKED INTO CONNECTOR.

DATE	QTY	REMARKS	STATUS
3.8.05	1	complete	16.#1941

WORK CELL: 4-MIXED

CUSTOMER: NIAM

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

PN# LAT-08-02830-01
CABLE, TFS 1/P PWR

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

CUST FX
QTY 19
PROJECT# F17300
CUST# 15356

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



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

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

CUT 6 PIECES OF WIRE @ 6" TO 9" LONG, FOR PULL TESTS.
USE 3 PCS EACH FOR PRE-CRIMP AND POST-CRIMP TESTS.
* STRIPPING METHOD -- ALL ASSEMBLY AND TEST ACTIVITY...

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

*ELBAMPS SMALL MACH #4900-
1/16 (100)*

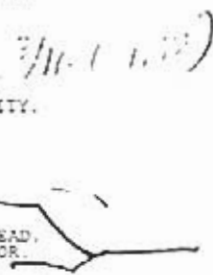
* PRE-ASSY CRIMP TEST.

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

CRIMP TEST: BY: RM1970 DATE: 2/17/05 STATUS Pass

* ASSEMBLY ACTIVITY...

- 1) FEED WIRE DIRECTLY OFF THE SPOOL TO THE STRIPPER.
- 2) STRIP THE INSULATION LEAVING THE SLUG, 1/8" (.125").
- 3) CUT THE WIRE OFF AT THE INDICATED LENGTH, AND QUANTITY.
* CUT 10 PAIRS TO 9-1/2" (9.50") LONG.
- 4) STRIP SECOND END USING THERMAL TWEEZERS, 1/4"
- 5) TIN SECOND END BY SOLDER DIP. CLEAN WITH ALCOHOL.
- 6) PULL INSULATION SLUG AND CRIMP CONTACT (220) ONTO LEAD.
USE M22520/2-01 CRIMPER W/ M22520-2-09 TURRET/LOCATOR.



*1/16 3.8.05 #14
L.H. 3/8/05
205 (Q.A.)*

* POST-ASSY CRIMP TEST...

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

CRIMP TEST: BY: RM1970 DATE: 2/18/05 STATUS Pass

DATE	QTY	REMARKS	STATUS
2/18/05	4	4 sets of 10 = 40	RM1970
3/8/05	1	1 set of 10 = 10 (Rework)	CVD1920

WORK CELL: 4-MIXED

CUSTOMER: SLAM

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

A PNF LAT-DS-02830-01
A... CABLE, TPS I/P PWR

WO# 112043
REQ DATE 02-09-05
REL DATE 02-03-05
SO#
IN# 000048803

CUST #
QTY 19
PROJECTS F17300
CHITS 14156

PAGE 5

LINE DEPT MACH# OP# DESCRIPTION..... SET-UP MIN... HOURS LINE-MACH ST-LAT



6 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OPE: SLDG-0 ASSY-35

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

DRR#(S)

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

STATUS KH.285

3/9/05 3



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

- APPLY RTV, DCG-1104, TO WIRES EXITING CONNECTOR SHELL, FROM THE SHELL DOWN THE WIRES 1/2" (.5").
- TRANSFER RTV TO AN EPD SYRINGE TUBE, OR PLUNGER TYPE SYRINGE, TO AID APPLICATION.
- ALIGN WIRES WITH KAPTON TAPE IN AN AREA ABOUT 2 TO 4 INCHES AWAY FROM THE CONNECTOR. THIS IS INTENDED TO KEEP WIRES COMING STRAIGHT OUT OF THE CONNECTOR, AS AN AID FOR LATER TERMINATION TO THE CCA.
- APPLY RTV TO CONNECTOR BACKSHELL SURFACE, AT INSIDE BOWS FIRST, WORKING OUT, AND UP, TO THE APPROXIMATE 1/2" POINT.
- RECORD RTV MATERIAL POC AND EXPIRATION DATE BELOW:
POC 3/201 EXP. DATE 6/12/05
- CURE APPLIED RTV IN OVEN FOR 2 HOURS AT 120 DEG F (60 C).
- RECORD CURE DATE, START/STOP TIME BELOW:
DATE 3-8-05 START 1800 hrs STOP 2000 hrs

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

STATUS LAB E2016

*CLEAR Defect Report #2451
602 & wires
LAB 2-25-05*

WORK CELL: A MIXED

(CUSTOMER: SIAM)

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 6

TNS LAT-DS-02830-01
CABLE, TPS I/P PWR

WO# 112043
REQ DATE 02-09-05
REL DATE 02-03-05
SQ#
PO# 0000048900

CUST P#
QTY 19
PROJECT# F17300
CUST# 15356

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



A 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OFF: SLDR-0 ASSY-7

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

DRR#(S) _____

- ROUTE FOR NO CLOSURE AND NEXT ASSY - LAT-DS-02388.

DATE	QTY	REMARKS
3/9/05	4	



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

BY LINE ITEM

EFFECTIVITY DATE: 02-09-05
RELEASE DATE : 02-01-05
DATE PRINTED : 02-09-05

1 PULLED: _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS STAT QUANTITY	RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL		
									LOT QUANTITY	LOT DATE	BIN BINLOC QUANTITY
1	206500-1 CONN (311P407-2P-B-15) ORIGINAL QUANTITY...	EA	19.00	BO	19.00		SKCF2 FN-1	115300	11997.00	10-01-04	

S/B LAT-DS-02830

19

The following parts have been defined as alternates for 206500-1:
Line 1.1 311P407-2P-B-15 1 PER

107# 114944

2	M02759/11-24-2/9 WIRE, 24AWG RED/WHIT ORIGINAL QUANTITY...	IN	300.00	RSVD	5700.00	115300	SKCF2 FN-2	115300	11997.00	10-01-04	
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500 in

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
---	--	----	-------	------	--------	--------	---------------	--------	--------	----------	---------

30

The following parts have been defined as alternates for 204370-8:
Line 3.1 G08P1 1 PER
Partial quantity replacements are allowed.

4	DC6-1104 ADHESIVE ORIGINAL QUANTITY...	OZ	1.00	BO	19.00		SKCF2 FN-3		0.00		
---	--	----	------	----	-------	--	---------------	--	------	--	--

REQUIREMENT SHOWS ON LAT-DS-02830.
APPLY HERE.
PULLED:

0

3:30 p.m.

CRIMP TENSILE STRENGTH Cat-05-02830-04

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:	704370-8	3-8-05
WIRE PN:	M22759/11-24-2/9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/7-01 (GTC#-1012)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520/7-09 (GTC#-831)	WORK ORDER NO.
SELECTOR VALUE:	3	112043
TEST EQUIP # (Last CAL date):	Herbie MPT-200A (6-204)	
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:	12.1	11.7	12.4
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
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740 a-16

CRIMP TENSILE STRENGTH

Lot-05-02830-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1#1941	TEST DATE
CONTACT PN:	204370-8	3.9.05
WIRE PN:	M72759 / 11-24-2/9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M72520 / 2-01 (GTC#192)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M72520 / 2-09 (GTC#831)	WORK ORDER NO.
SELECTOR VALUE:	31	112043
TEST EQUIP # (Last CAL date):	Alphatron MTT-2001 (6.17.04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	12.5	17.9	17.7
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):			

DEFECT RECORD REPORT

ID: 29547

PART NUMBER: LAT-05-27430-01

WORK ORDER: 112943

SALES ORDER: F17500

QUANTITY: 40 RW QTY: 3

CUSTOMER: SLAC

INSPECTION TYPE: CRIMPING

INSPECTION LEVEL: 1

INSPECTOR: VANDEVER

OFF SOLDER: 20

OFF ASSEMBLY: 80

DATE: 2/22/2005

WEEK CODE: 10

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
NA	2	1970	A316	4-MIXED	CUTS OR NICKS	WIRES	Twisted wires Red/white
NA	3	1975	A355	4-MIXED	IMPROPER CABLE LENGTH	WIRES	Twisted wires Red/white

Run, 47°

3/8/05

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

Y/P#s LAT-DS-01493
Z. GLAST. DAO. TEM

WO# 113114
REQ DATE 01-29-05
REL DATE 01-04-05
SQ# F17200
PC# 0000149799

CUST Pd
QTY 1
PROJECT# F17200
CUST# 15155

*SERIAL NUMBER *****
G7113 GLAT1802

*****APPROVAL*****
PROD RLH / 4/27/05
CA/RLH / 4-27-05

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

*Gln 09.25.04*****

LI# DEPT MACH# CP# DESCRIPTION..... K O U R S E
SET-UP RUN... LINE MACH ST-LOC



1 300 00 CONFIG RECORD/KITTING 0.0000 0.0000 0.0000
CONFIG

***** CONFIGURATION DOCUMENTS *****
DOCUMENT NUMBER REV TO/2L OUTSTANDING EO'S
ASSY DWG: LAT-DS-01481 54 NONE
BOM PL: (SAME - ON DWG)
CUST SQ# LAT-DS-02615 13 NONE
ERR TRST: (N/A THIS LEVEL)
ASSY AID: LAT-DS-01461 (RELEASED PER DC 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 _____ [Signature]



2 101 00 STOCKROOM/KITTING AREA 0.0000 0.0000 0.0000
KITTING

* PROCESS MATERIAL PER CAA STEP 3

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

4/27/05 1 _____ [Signature]



PN# LAT-BS-01481
SLAC, DAO, TEM

WOB 112114
REQ DATE 04-29-05
REL DATE 04-29-05
COST # 117200
PC# 0000018799

CUST #
PROJECT # 1
QTY 21000
COST# 15352

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



3 210 00 CCA/BLACK BOX ASSY AREA 2.0000 0.0000 0.0000
APPLY ADHESIVE

* PROCESS ASSY PER CAA STEP 3.

* RECORD ADHESIVE DATA BELOW:

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

DATE... QTY... REMARKS..... STATUS
06/21/05 1 ByP(1288)



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

* PROCESS ASSY PER CAA STEP 4.

INSTALLED CCA SERIAL NUMBER: GT113

DATE... QTY... REMARKS..... STATUS
06/21/05 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 CAR TO WITNESS TORQUE PROCESS **

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

TORQUE TOOL # GTC-E-9511/2
GTC-E-144 CAL DUE DATE 08/05

DATE... QTY... REMARKS..... STATUS
06/21/05 1 ByP(1288)

07/10/05 1 WITNESS TORQUE

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 3

V/PNs LAT-DS 01481
GLAST, DAC, TEM

WOB 113114
REQ DATE 01-29-05
REL DATE 01-01-05
SOS F17200
POS 0000046799

CUST #
QTY 1
PROJECTS F17200
CUST# 12300

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



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

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

ADMSV 0191, GTC PO# 31403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START 06/21/05 11:25 AM STOP: 1:25 PM

DATE	QTY	REMARKS	STATUS
<u>06/21/05</u>	<u>1</u>		<u>ByP(1288)</u>



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

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

INK 50-100K: GTC PO# 31201 EXPIRATION DATE 04/27/07
LOT # (PT A): 200409080033
LOT # (PT B): 200407020071
MIX RECORD (PT A WGT) 10 gr (PT B WGT) 0.6 gr
MARKING DATE/TIME: 06/21/05 11:25 AM
CURE OCCURS AT STAKING STEP 13.

DATE	QTY	REMARKS	STATUS
<u>06/21/05</u>	<u>1</u>		<u>ByP(1288)</u>



8 210 00 QUALITY ASSURANCE AREA CTE SLDR-0 ASSY-127 0.0000 0.0000 0.0000

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

DATE	QTY	REMARKS	STATUS
<u>6/21/05</u>	<u>1</u>		

WORK CELL: 1-BIG RUNNER

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELER - NEW

ASSY/PN: LAC-DS-01481
KIT, GLASS, DRG, TDM

WOB 113114
REQ DATE 04-29-05
REQ DATE 04-04-05
COST PR 1
PROJECTS 117200
CUST# 15386

PAGE 4

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



9 280 00 SOURCE INSPECTION EXAMINE BOX ASSY 0.0000 0.0000 0.0000

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

DATE	QTY	REMARKS	STATUS
6/2/05	1	GLAT 1802	LAT TO QA



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

- * PROCESS ASSY PER CAA STEP 10.

DATE	QTY	REMARKS	STATUS
06/21/05	1		ByP(1208)



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

- * PROCESS ASSY PER CAA STEP 11.
 - ** ALERT SLAC CAR TO WITNESS TORQUE PROCESS **
 - * RECORD ASSIGNED TOOLS USED, AND CAL DUE DATE, BELOW.
- TORQUE TOOL # GTC-E 9511/2
GTC-E-244 CAL DUE DATE 08/05

DATE	QTY	REMARKS	STATUS
06/21/05	1		ByP(1288)
6/21/05	1	WITNESS TORQUE	LAT TO QA



12 210 00 QUALITY ASSURANCE AREA CTD. SLDR-C ASSY-24 0.0000 0.0000 0.0000

- * PROCESS ASSY PER CAA STEP 12

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
6/21/05	1		ByP(1288)

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

ASSY/PNS LAT-DR-01481
Y. BLAST, BAQ, TEM

WOB 113114
REQ DATE 04-29-05
DEL DATE 04-29-05
SCW P17300
POS 0000048759

CUST PN
QTY 1
PROJECT# P17300
CUST# 18356

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



13 010 00 CCA/BLACK BOX ASSY AREA 0.0000 2.0000 0.0000
STAKE BOLT HEADS

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

ADHSV 0161. QTY POS 31403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START 06/21/05 4:00 PM STOP 6:00 PM

DATE	QTY	REMARKS	STATUS
06/21/05	1		Byg (USE)



14 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OFF: SLDX-0 ASSY-37

- * PROCESS ASSY PER CAA STEP 14.

RECORD DEFECT REPORT NO. IF APPLICABLE:

DATE	QTY	REMARKS	STATUS
6/22/05	1		OLD



15 260 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
CUSTOMER SOURCE INSP

- * PROCESS ASSY PER CAA STEP 15.

RECORD DEFECT REPORT NO. IF APPLICABLE:

DATE	QTY	REMARKS	STATUS
6-22-05	1	GLAT 1802	LAT TO QA

***** TRAVELLER REVISION HISTORY RECORD *****
 CREATED BY: WPK/KIN FOR ASSY REV: 54 DATE: 03.11.05
 REV: 54
 REV: 54
 REV: 54
 54 ULM 033105 RELEASED AT REV 54, AND CAA AT REV 54

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

WORK ORDER : 113114

(NEW)

WORK ORDER PICK LIST

PAGE: 1

ASSEMBLY # : LAT-02-01421
XC QUANTITY : 1
WP LOCATION: W02

BY LINE ITEM

EFFECTIVITY DATE: 04-26-03
RELEASE DATE : 04-01-03
DATE PRINTED : 01-29-03

E PULLED

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS		INVLDC	LOT NUMBER	INVENTORY DETAIL					
					RESV IN	LOT #			LOT QUANTITY	LOT DATE	SINLOC	WIN QUANTITY		
1	LAT-02-00224 TEM BOX BASE ORIGINAL QUANTITY...	EA	1.00					SK2 FN-1	0.00					
				RSVD	1.00	120298	SK02	120298	15.00	11-16-04	SLAC			
								PULLED						
2	LAT-02-00225 TEM BOX LID ORIGINAL QUANTITY...	EA	1.00					SK2 FN-2	0.00					
				RSVD	1.00	120297	SK02	120297	15.00	10-16-04	SLAC			
								PULLED						
3	LAT-02-01216 CPA GLASS TEM ORIGINAL QUANTITY...	EA	1.00					SK2 FN-3	0.00					
				BO	1.00		SK02							
								PULLED						
4	NAS12201124 HARDWARE ORIGINAL QUANTITY...	EA	26.00					SK2 FN-4	0.00					
				RSVD	26.00	114831	SK02	114831	500.00	09-23-04				
								PULLED						
5	NAS12201046 SCREEN ORIGINAL QUANTITY...	EA	05.00					SK2 FN-5	0.00					
				RSVD	05.00	114832	SK02	114832	674.00	09-23-04	LOT 105			
								PULLED						
								115012	2.00	08-27-04	IN ASST			
								PULLED						
								128281	100.00	04-13-05				
								PULLED						
6	NAS12201048 HARDWARE ORIGINAL QUANTITY...	EA	1.00					SK2 FN-6	0.00					
				RSVD	1.00	114833	SK02	114833	31.00	09-23-04				
								PULLED						
7	CPA 12-18-01 CPA 12-18-01 ORIGINAL QUANTITY...	CP	1.00					SK2 FN-7	0.00					
				BO	1.00		SK02							
								PULLED						
								PULLED						

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

W/O# LAT-DS-01644
GLASSY TEM

W/O# 112013
REQ DATE 02-03-05
REL DATE 12-21-04
SC#
PC# 0000048799

CUST #
QTY 1
PROJECT# 217200
CUST# 15184

SERIAL NUMBER: GT113
APPROVAL: PROG KIT/2/13/05
GLAT 1764 CA 16M/2/7/05

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

YTD 02.02.05

LINE DEPT MACH# OP# DESCRIPTION..... HOURS
SET-UP RUN LINE-MACH ST-101



1 300 00 CONFIG RECORD/KITTING 0.0000 0 0000 0.0000
CONFIG

***** CONFIGURATION DOCUMENTS *****
ASSY DWG: DOCUMENT NUMBER REV #/PL OUTSTANDING EQ'S
BOM #1: LAT-DS-01644 2/57 NONE
CASC GOM: LAT-IC-03230 02 NONE
ASSY AID: LAT-DS-01644 02 NONE
-- (RELEASED PER EC 2049)
CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)
***** BUILT DOCUMENTS *****
USE... WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS
*REV'D/PREP'D BY: GH (DATE/DATE 02.02.05)

2/16/05

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



1 301 00 STOCKROOM/KITTING AREA 0.0000 0 0000 0.0000
KIT PARTS

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

DATE	QTY	REMARKS	STATUS
<u>2/15/05</u>	<u>1</u>		<u>ADP</u>

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

W/IN# IAT-15-01646
GLAST, TEN

WCR 112013
REC DATE 02-03-05
REL DATE 12-21-04
SQ#
PC# 0000048799

CMST Pa
QTY
PROJECT# P17200
CUST# 15356

PAGE 2

LINE DEPT MACH# OP# DESCRIPTION..... HOURS
SET-UP RUN LINE-MACH ST-10T



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: 11:00 am
STOP TIME: 1:00 pm

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



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

* PROCESS PER CAA STEP 5.

* RECORD SOLDER PASTE DATA BELOW

UTC PO# 31728 EXPIRATION DATE 7/4/05

DATE	QTY	REMARKS	STATUS
2-9-05	1		OK 1648

- U36 - .0061
- U35 - .0061
- U34 - .0060
- U33 - .0063
- U32 - .0062
- U31 - .0061
- U30 - .0061
- U29 - .0062

WORK CELL: 4 MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK UNDER TRAVELLER - NEW

W/PN# LAC-DS-C1646
BLAST. TEM

KT# 112013
REQ DATE 02-03-05
REL DATE 12-21-04
SQ#
PO# 0000049700

CUST P#
QTY 1
PROJECT# 117100
CUST# 18386

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 U3 1675 U4 1672 U5 1684 U6 1775
FN-23 U54 1694 U55 1692 U56 1674 U57 1687
U58 1646 U59 1702 U60 1667 U61 1691

DATE... QTY... REMARKS..... STATUS
2/19/05 1 _____ TH



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
2/19/05 1 _____ TH



8 213 00 SMT ASSY LINE 0.1000 0.1000 0.1000
AQUEOUS CLEAN

* PROCESS PER CAA STEP 8.

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

DATE... QTY... REMARKS..... STATUS
2/19/05 1 _____ RG

WORK CELL: 4 MIXED

CUSTOMER: SIAC

REP: ISLANDING

WORK ORDER NUMBER: NEW

APPROXIMATE LAY DATE: 12-21-04
(VIA: SLANT, PER)

WOB: 112013
MEL DATE: 12-21-04
MEL DATE: 12-21-04
SUP:
PDR: 0000048799

PROJECT: 1
CUST: 15154

PAGE 1

178 DEPT MACHINE WORK DESCRIPTION

GET UP RUN LINE MACH ST 1-04



9 240 00 QUALITY ASSURANCE AREA
OFF SIDE 412X ARRY 5013

* PROCESS PER CAA STEP 7.
** RECORD DEFECT RECORD CHECK NUMBER(S) BELOW.

DATE: 2/19/05 QTY: 1

REMARKS: 113



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

* PROCESS PER CAA STEP 11.
BAKE DATE: 4/4/05 START: 7:15 STOP: 9:15

DATE: 4/4/05 QTY: 1

REMARKS: me 1337



11 210 10 CCA/BLACK BOX ASSY AREA
HOLE-HOLE INSTALL

* PROCESS PER CAA STEP 11.
* RECORD ASSIGNED TOOLS USED, AND CAL DATE, BELOW.

DATE: 4/4/05 QTY: 1

REMARKS: 8/5 (ASG Box) 610-E-944

me 1337



12 210 00 WAVESOLDER
WAVE SOLDER

* PROCESS PER CAA STEP 12

DATE: 4-4-05 QTY: 1

me 1337

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

V/DNS LAT-DS-01648
GLAST. TEM

W04 112013
REQ DATE 02-03-05
REL DATE 12-21-04
SOS
PO# 0000048799

CUST #
QTY 1
PROJECT# P17000
CUST# 15154

PAGE 6

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



13 215 00 WAVESOLDER
AQUEOUS CLEAN 0.2000 0.2000 0.2000

* PROCESS PER CAA STEP 13.

DATE	QTY	REMARKS	STATUS
4/4/05	1		Done 1362



14 200 00 QUALITY ASSURANCE AREA
CPE. SLDR-070 ASSY-55 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 14.

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

DRR#(S)

DATE	QTY	REMARKS	STATUS
4/5/05	1		



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

* PROCESS PER CAA STEP 15.

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



16 210 00 CCA/BLACK BOX ASSY AREA
ALCOHOL/DI CLEAN 0.2000 0.2000 0.2000

* PROCESS PER CAA STEP 16.

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

WORK CELL 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

**V/PN: LAT-DC-01646
GLAST, TEM

WD# 1120-3
REQ DATE 02-03-05
REL DATE 12-21-04
SQ#
PC# 0000042799

CUST P#
QTY
PROJECT# 117200
CUST# 13356

PAGE 6

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



17 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OPE: SLDR-200 ASSY-0

* PROCESS PER CAA STEP 17.

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

DR#(S) 5/11/3

DATE	QTY	REMARKS	STATUS
5/4/05	1		



18 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
PCST WAVE ASSY-PP3A#

* PROCESS PER CAA STEP 18.

ADHESIVE POK 31450 EXP. DATE: 5/17/05
FPGA SERIAL #'S: U45 40503 U62 50317

DATE	QTY	REMARKS	STATUS
5/4/05	1		PM



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

* PROCESS PER CAA STEP 19.

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



20 210 00 CCA/BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
POST WAVE ASSY-DI, DC, DE

* PROCESS PER CAA STEP 20.

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

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

Y/ENT LAT-DS-01446
GLAST. TEM

WO# 112013
REQ DATE 02-03-05
REL DATE 12-21-01
JOB#
PUB 0000048799

CUST #
QTY 1
PROJECT #17310
CUST# 18355

PAGE 7

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



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

* PROCESS PER CAA STEP 21.

DATE QTY REMARKS STATUS
2/4/05 1 S/L 113 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
5/4/05 1 me 1337



23 290 00 QUALITY ASSURANCE AREA 0.2000 0.2000 0.2000
CPE. SLDR-217 ASSY-234

* PROCESS PER CAA STEP 23.

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

DRR#(S)

DATE QTY REMARKS STATUS
5/5/05 1 me



24 265 00 APRA IOT 0.9100 0.9100 0.9100
APRA TEST

* PROCESS PER CAA STEP 24

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

TIRAP#(S)

DATE QTY REMARKS STATUS
5/5/05 1 GT 113 M. Sh Pass

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

WOSY/BN# LAT-DS-01646
GLAST, TEM

MO# 112013
REQ DATE 02-03-05
REL DATE 12-21-04
SO#
PO# 0000048789

PAGE 8
CUST #
PROJECT# P17300
COST# 18358

S/A 113

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



LINE	DEPT	MACH#	OP#	DESCRIPTION	SET-UP	RUN	LINE-MACH	ST-LOT
25	210	00		CCA/BLACK BOX ASSY AREA INSTALL CONNECTOR-SOLDER SLDR CONN J1-ROW 1>CHECK	11.8300	14.8300	13	8300
					5-5-05			me 1337
				SLDR-CONN J1-ROW 2>CHECK	5-6-05			me 1337
				SLDR-CONN J1-ROW 3>CHECK	5-6-05			me 1337
				SLDR-CONN J1-ROW 4>CHECK	5-6-05			me 1337

5/6/05
5/6/05
5/6/05
5/6/05

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

TOOL # GTC-6-144 CAL DUE DATE 9-05

DATE	QTY	REMARKS	STATUS
5/6/05	1		me 1337



LINE	DEPT	MACH#	OP#	DESCRIPTION	SET-UP	RUN	LINE-MACH	ST-LOT
26	251	00		QUALITY ASSURANCE AREA OP# SLDR-396 ASSY-409	5.6800	5.6800	5	6800

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

DPR#(S)

DATE	QTY	REMARKS	STATUS
5/6/05	1		

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

Y/FN# 1AT-DG-C1646
GLASS, TEM

WO# 112013
REQ DATE 02-01-05
REL DATE 12-31-04
SOM
POS 0000048799

CUST P#
QTY 1
PROJECT# 117300
CUST# 15396

PAGE 3

LD# DEPT MACH# OP# DESCRIPTION..... H O U R S
SET-UP RUN... LINE-MACH SD-100



27 200 00 COATING/POTTING AREA
POTTING/STAKING 0.0000 0.6000 0.6000

* PROCESS PER CAA STEP 27.

** RECORD MATERIAL DATA BELOW:

RTV D06-1104, GTC PO# 31695 EXPIRATION DATE 8-21-05
ADHESV 0191, GTC PO# 31403 EXPIRATION DATE 1-31-07

0191 ADHESIVE MIX RECORD (RECORD PER BATCH)

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

RESIN WGT: 6.5g _____

HARDENER WGT: 2.0g _____

CURE DATE: 5-13-05 START: 7:50 STOP: 9:50

DATE... QTY.. REMARKS..... STATUS
5-13-05 1 over cured @ 120°F PD1946



28 200 00 QUALITY ASSURANCE AREA
CPE: SLDR-0 ASSY-104 0.1000 0.1000 0.1000

* PROCESS PER CAA STEP 28.

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

DR#(S) _____

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

5/16/05 1 _____



29 200 00 SOURCE INSPECTION
MIF - SLAC CAR INSPECTION
BEFORE SHIPMENT TO SLAC 0.0000 0.0000 0.0000

* PROCESS PER CAA STEP 29

** PLEASE RETURN CCA TO QA FOR SHIPMENT.

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

5-24-05 1 GL AT 1709

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 10

V/TN# LAT-DS-01848
GLAST, TEN

WC# 112013
REQ DATE 02-03-05
REL DATE 12-21-04
SQ#
PO# 0000048733

CUST P#
QTY 1
PROJECT# F17200
CUST# 15306

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



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

* PROCESS PER CAA STEP 30.

DATE... QTY... REMARKS... STATUS
5/27/05 1 _____ SC-1587



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

* PROCESS PER CAA STEP 31.

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

DR#(S) _____

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

DATE... QTY... REMARKS... STATUS
6/25/05 1 _____ 



32 280 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
SLAC QAR PRE-COAT INSP
MANDATORY INSPECTION
POINT

* PROCESS PER CAA STEP 32.

DATE... QTY... REMARKS... STATUS
6.1605 1 GLAT 1764 _____ 

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 11

WPN# LAT-DS-01640
BLAST, TEM

WOB# 112013
REQ DATE 02-09-05
REL DATE 12-21-04
SOT
PC# 0000048799

CUST P#
U#1
PROJECT# F-7200
CUST# 18354

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



33 210 00 CCA/BLACK BOX ASSY AREA 0.2000 0.2000 0.2000
ALCOHOL/21 CLEAN AND TEST
THE CLEANLINESS OF CCA.

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

DATE	QTY	REMARKS	STATUS
6/16/05	1		AK1576
6/16/05	1	Cleanliness	DN



34 290 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OP#: SLDU-0 ASSY-11

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

DRR#(S)

DATE	QTY	REMARKS	STATUS
6/17/05	1		



35 280 00 COATING/POTTING AREA 0.6000 0.6000 0.6000
MASK & CONFORMAL COATING

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

RECORD DATE DATE-TIME START/STOP BELOW:

DATE DATE: 6/17/05 START: 10:00 STOP: 11:00

DATE	QTY	REMARKS	STATUS
6/17/05	1	mask / BAKE	SPC

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 12

Y/PN# LAT-DS-01644
GLAST, TEM

WOB 112013
REC DATE 02-03-05
WREL DATE 12-21-04
JOB# 0000048799

CUST PR
QTY 1
PROJECT# P11210
CUST# 15356

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



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

* PROCESS PER CAA STEP 36.

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

240 (2) HOUR AIR CURE (BEFORE OVEN BAKE):
DATE: 6/17/05 START: 11:55AM STOP: 6/20/05 6:30 AM

DATE QTY REMARKS STATUS
6/17/05 1 COAT Dm/1035



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

* PROCESS PER CAA STEP 37.

FIRST BAKE DATE: 6/20/05 START: 6:35AM STOP: 8:48 AM

TOUCHUP BAKE DATE: 6/20/05 START: 9:30 AM STOP: _____

DATE QTY REMARKS STATUS
6/20/05 1 UNMASK/TU Dm/1035

WORK CELL 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

TY/PNS LAT-DS-01646
GLAST, TEM

WO# 112013
REQ DATE 01-03-05
REL DATE 12-21-04
SO#
PO# 0000048799

CUST #
QTY 1
PROJECT# P17200
CUST# 15355

PAGE 10

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



34 250 00 QUALITY ASSURANCE AREA 0.5000 0.5000 0.2000
CPE: SLDR-0 ASSY-95

* PROCESS PER CAA STEP 38.
** RECORD DEFECT RECORD REPORT NUMBER(S) BELOW:
DEF#(S)

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

- ..MATERIAL CERTIFICATIONS...
- ..SPEA TEST DEFECT REPORTS...
- ..INSPECTION DEFECT REPORTS...
- ..NON-COMFORMANCE REPORTS...
- ..FORM GIC-129 (DOC REV RECORD)...
- ..X-RAYS REPORT...
- ..DIGITAL PHOTOGRAPHS, RECORDED ONTO CD

DATE	QTY	REMARKS	STATUS
6/20/05	1		QA



39 150 01 SOURCE INSPECTION 0.0000 0.0000 0.0000
CSI

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

DATE	QTY	REMARKS	STATUS
6/20/05	1	GLAT 1764	LAT TO QA

LINE#	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	REQUIREMENTS		RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL		
					STAT	QUANTITY				LOC	LOT DATE	BIN
1	LAT-DS-01644 PWS, TEM ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	120299	SKCF2 FN-D1	120299	18.00	09-11-07		1 ✓
2	LAT-DS-01026 PLATE, CONN, TEM ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	114784	SKCF2 FN-D6	114784	18.00	06-19-07		1 ✓
3	LAT-DS-01031 PIN, CONNECTOR, TEM ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114785	SKCF2 FN-D7	114785	38.00	06-19-07		2 ✓
4	NAS1352N02-B SCREW ORIGINAL QUANTITY...	EA	26.00	RSVD	26.00	114786	SKCF2 FN-D9	114786	546.00	09-23-04		26 ✓
5	LAT-DS-01592 STANDOFF ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114787	SKCF2 FN-D5	114787	36.00	09-23-04		2 ✓
6	MSF1957-15 SCREW, PHRD, 4-40 X .25 ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	93945	SKCF2 FN-D10	93945	291.00	11-24-03	C3F	2 ✓
							FN-D10	114789	78.00	09-23-04		2 ✓
7	NAS620-C2 FLATWASHER ORIGINAL QUANTITY...	EA	52.00	RSVD	52.00	114789	SKCF2 FN-D2	114789	1052.00	09-23-04		52 ✓
8	MS24671-2 SCREW ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114790	SKCF2 FN-D6	114790	84.00	09-23-04		4 ✓
9	NAS671-C2 NUT ORIGINAL QUANTITY...	EA	26.00	RSVD	26.00	114791	SKCF2 FN-D4	114791	520.00	09-23-04		26 ✓
10	LAT-DS-02588 ASSY, CABLE, CONN, TEM ORIGINAL QUANTITY...	EA	1.00	BO	1.00		SKCF2 FN-D9	25 J1	0.00			1 ✓
11	6151 ADHESIVE: HY501 40Z KIT ORIGINAL QUANTITY...	QT	1.00	BO	1.00		SKCF2 FN-D11		0.00			1 ✓
12	CV-2846 REV. 10/91 TECH ORIGINAL QUANTITY...	QT	1.00	BO	1.00		SKCF2 FN-D12		0.00			1 ✓
13	2790 CONFORMAL COATING URELANE ORIGINAL QUANTITY...	QT	1.00	BO	1.00		SKCF2 FN-D13		0.00			1 ✓

PULLED BY: _____

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

BY LINE ITEM

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

: PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURS STATUS	REQUIREMENTS STAT QUANTITY	RESV IN LOC #	LOT INVLOC NUMBER	INVENTORY DETAIL LOT QUANTITY	LOT DATE	SINLOC QUANTITY
14	DC6-1104 ADHESIVE ORIGINAL QUANTITY...	OZ	1.00	BO	1.00		SKCF2 FN-D14	0.00		0-0
15	CWR11FH10SKDB CAPACITOR ORIGINAL QUANTITY...	EA	36.00	RSVD	36.00	120284	SKCF2 120284 FN-3 C341 C342 C343 C344 C345 C346 C347 C348 C349 C350 C351 C352 C353 C354 C355 C356 C357 C358 C359 C360 PULLED:	0.00	12-16-04	36-
16	CWR11FH47SKDB CAPACITOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	120285	SKCF2 120285 FN-3 C341 C342 C343 C344 PULLED:	2000.00	12-16-04	2✓
17	CR833BK475ANUS CAPACITOR ORIGINAL QUANTITY...	EA	53.00	RSVD	53.00	114799	SKCF2 114799 114942 PULLED:	7285.00	09-23-04	53-
18	CWR05FC476KDB CAPACITOR ORIGINAL QUANTITY...	EA	49.00	RSVD	49.00	114800	SKCF2 114800 FN-3 C341 C342 C343 C344 C345 C346 C347 C348 C349 C350 C351 C352 C353 C354 C355 C356 C357 C358 C359 C360 PULLED:	0.00	09-23-04	49-
19	CR833BK472BKUS CAPACITOR ORIGINAL QUANTITY...	EA	249.00	RSVD	249.00	114801	SKCF2 114801 FN-5 C1 thru C200, C217, C221 thru C497. C201 thru C207. PULLED:	5004.00	09-23-04	249-
20	1210B563K25LYNTH CAPACITOR ORIGINAL QUANTITY...	EA	16.00	RSVD	16.00	114802	SKCF2 114802 FN-5 C1 thru C140 C141 C142 C143 C144 C145 C146 C147 C148 C149 C150 C151 C152 C153 C154 PULLED:	1165.00	09-23-04	16-
21	MTR 1059-1B1 CONNECTOR ORIGINAL QUANTITY...	EA	9.00	RSVD	9.00	114803	SKCF2 114803 FN-5 J01 J02 J03 J04 J05 J06 J07 J08 PULLED:	180.00	09-23-04	9-
22	MTR 1059-1B1 CONNECTOR ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114804	SKCF2 114804 FN-5 J01 J02 J03 J04 PULLED:	80.00	09-23-04	4-
23	9940-8799466XA IC LM133BWH-2 8 NSC ORIGINAL QUANTITY...	EA	3.00	RSVD	3.00	114805	SKCF2 114805 FN-5 D3 D4 PULLED:	60.00	09-23-04	3-
24	DANTXV1N415SUR-1 DIODE ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114806	SKCF2 114806 FN-10 D1 D2 PULLED:	40.00	09-23-04	2-
							FN-10 114949 PULLED:	220.00	09-27-04	2-

ASSEMBLY # : LAT-DS-01646
NO QUANTITY : 1
W/O LOCATION: 402

BY LINE ITEM

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

PULLED: _____

PULLED BY: _____

LINE	PART NUMBER AND DESCRIPTION	UN	REQUIRED QUANTITY	CURR STAT	REQUIREMENTS QUANTITY	RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL			BIN
									LOT	QUANTITY	LOT DATE	
25	SMC055 FUSE, RAYCHEM/POLYSWICH ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114807	SKCF2 FN-12	114807 F5 F6 F8 PULLED:	100.00	09-23-04		4 ✓
26	SMC075 ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114926	SKCF2 FN-13	114926 F5 F7 F9 PULLED:	100.00	09-24-04		4 ✓
27	MAX149AUA IC ORIGINAL QUANTITY...	EA	36.00	RSVD	36.00	120286	SKCF2 FN-15	120286 U7 U8 U9 U10 U11 U12 U16 U17 U18 U19 U20 U21 U22 U26 U27 U28 U29 U30 U31 U32 U36 U37 U38 U39 U40 U41 U42 PULLED:	461.00	12-16-04		36 ✓
								114809 FN-15	204.00	09-23-04		
28	MAX5121ABEE IC ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114810	SKCF2 FN-16	114810 U1 U2 PULLED:	47.00	09-23-04		2 ✓
29	LAT-DS-03895 IC ORIGINAL QUANTITY...	EA	1.00	BO	1.00		SKCF2 FN-17	U45 PULLED:	0.00			0
30	LAT-DS-03894 IC ORIGINAL QUANTITY...	EA	1.00	BO	1.00		SKCF2 FN-18	U62 PULLED:	0.00			0
31	LAT-TD-01814 IC ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114813	SKCF2 FN-19	114813 U3 U4 U5 U6 PULLED:	82.00	09-23-04		4 ✓
32	9562R9569101VXC IC ORIGINAL QUANTITY...	EA	1.00	RSVD	1.00	114814	SKCF2 FN-20	114814 U63 PULLED:	32.00	09-23-04	DRY-10	1 ✓
33	9562R95692030VC IC ORIGINAL QUANTITY...	EA	9.00	BO	9.00		SKCF2 FN-22	U66 U47 U48 U53 U64 PULLED:	0.00			0
34	LAT-TD-01813 ORIGINAL QUANTITY...	EA	8.00	RSVD	8.00	114816	SKCF2 FN-20	114816 U64 U65 U66 U67 U68 U69 U70 PULLED:	44.00	09-21-04		8 ✓
35	MAX92C002 THICK FILM JUMPER ORIGINAL QUANTITY...	EA	151.00	RSVD	151.00	114817	SKCF2 FN-20	114817 U74 U75 U76 U77 U78 U79 U80 U84 U85 U86 U87 U88 U89 U90 U94 U95 U96 U97 U98 U99 U100 PULLED:	44.00	09-21-04		151 ✓
36	M55143KD681E01R RESISTOR, CHIP, 100W, 1K OH ORIGINAL QUANTITY...	EA	55.00	RSVD	55.00	114818	SKCF2 FN-20	114818 U111 U112 U113 U114 U115 U116 U117 U118 U119 U120 U121 U122 U123 U124 U125 U126 U127 U128 U129 U130 U131 U132 U133 U134 U135 U136 U137 U138 U139 U140 U141 U142 U143 U144 U145 U146 U147 U148 U149 U150 U151 U152 U153 U154 U155 U156 U157 U158 U159 U160 U161 U162 U163 U164 U165 U166 U167 U168 U169 U170 U171 U172 U173 U174 U175 U176 U177 U178 U179 U180 U181 U182 U183 U184 U185 U186 U187 U188 U189 U190 U191 U192 U193 U194 U195 U196 U197 U198 U199 U200 PULLED:	44.00	09-21-04		55 ✓

ORIGINAL QUANTITY... 4.00

PULLED:
114826
FN-21 U49 U30 U31 U32
PULLED:

4.00 09-23-04 DRY-10

4 ✓



ASSEMBLY # : LAT-DS-01646
NO QUANTITY : 1
WIP LOCATION: W02

BY LINE ITEM

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

IS FULLED:

FULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STAT	REQUIREMENTS QUANTITY	RESV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL			BIN
									LOT QUANTITY	LOT DATE	LIFE	
45	M55342K06849D9R RESISTOR RESISTOR,CHIP,100W,49.9 ORIGINAL QUANTITY...	EA	4.00	RSVD	4.00	114827	SKCF2	114827	234.00	09-23-04		
							FN-34	R648 R649 R650 R651 PULLED:				
							FN-34	36398 R648 R649 R650 R651 PULLED:	17.00	09-23-00	CF20	LT ✓
46	M55342K099B1F00R RESISTOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114828	SKCF2	114828	99.00	09-23-04		
							FN-27	R399 R392 PULLED:				
							FN-27	114969 R399 R392 PULLED:	229.00	05-27-04		2 ✓
47	M55342K0685B11R RESISTOR ORIGINAL QUANTITY...	EA	2.00	RSVD	2.00	114829	SKCF2	114829	241.00	05-23-04		
							FN-30	R642 R643 PULLED:				
							FN-30	114993 R642 R643 PULLED:	222.00	09-27-04		2 ✓
48	M55342K0681C60R RESISTOR,CHIP,100W,10K 0 ORIGINAL QUANTITY...	EA	23.00	RSVD	23.00	114830	SKCF2	114830	615.00	09-23-04	CF20	
							FN-31	R3 R145 R146 R147 R148 R149 R150 R151 R167 R168 R171 R172 R177 R178 R296 R640 R641 R478 R749 R750 R751 R752 R753 PULLED:				
							FN-31	114987 R3 R145 R146 R147 R148 R149 R150 R151 R167 R168 R171 R172 R177 R178 R296 R640 R641 R478 R749 R750 R751 R752 R753 PULLED:	657.00	09-27-04		23 ✓
							FN-31	91374 R3 R145 R146 R147 R148 R149 R150 R151 R167 R168 R171 R172 R177 R178 R296 R640 R641 R478 R749 R750 R751 R752 R753 PULLED:	58.00	05-24-03		

WESTEK

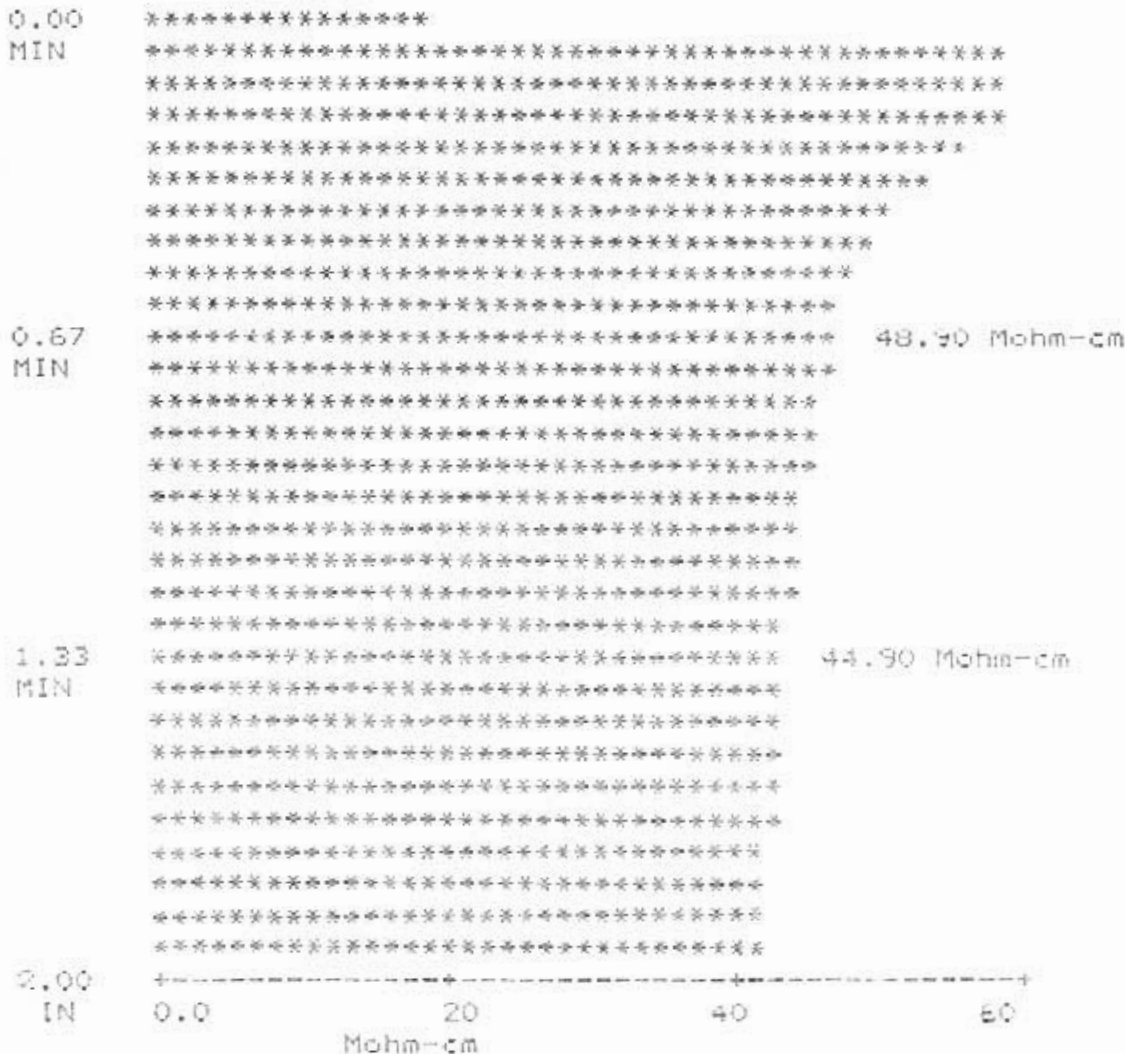
Operator : QUYEN
/16/05
15:43:51

Test Type : Auto
Test name : 'Manual Test'
Board # GT113 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 : 46.97 Mohm-cm
NaCl Equivalence (Final) : 0.94 ug/sq in

TIME vs RESISTIVITY



Final Resistivity : 43.50 Mohm-cm
NaCl Removed : 0.10 ug/sq in

DEFECT RECORD REPORT

ID: 29536
 PART NUMBER: LAT DS-01646
 WORK ORDER: 112013
 SALES ORDER: F17200
 QUANTITY: 1 RW QTY: 1
 CUSTOMER: SLAC

OFFE SOLDER: 4163
 OFFE ASSEMBLY: 5203
 DATE: 2/22/2005
 WEEK CODE: 9


INSPECTION TYPE: 4S1-SOLDER INSPECTION
 INSPECTION LEVEL: 1 *post reflow*
 INSPECTOR: HUBBARD *2/27/05*

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
113	1	1829	A338		MIS REGISTRATION	R568 ✓	
113	1	1829	A343		INCOMPLETE PAPERWORK	SEQ. B ✓	
113	1	1829	A385		SOAP RESIDUE		
113	1	1829	S402		INSUFFICIENT SOLDER	U54 ✓	
113	1	1829	S402		INSUFFICIENT SOLDER	U61 ✓	
113	1	1829	S402		INSUFFICIENT SOLDER	U56 ✓	
113	1	1829	S402		INSUFFICIENT SOLDER	U80 ✓	
113	1	1829	S402		INSUFFICIENT SOLDER	U58 ✓	
113	1	1829	S402		INSUFFICIENT SOLDER	U56 ✓	
113	1	1829	S402		INSUFFICIENT SOLDER	U3 ✓	
113	1	1829	S402		INSUFFICIENT SOLDER	U4 ✓	
113	1	1829	S402		INSUFFICIENT SOLDER	U17 ✓	PIN 8
113	1	1829	S402		INSUFFICIENT SOLDER	U59 ✓	
113	1	1829	S402		INSUFFICIENT SOLDER	U57 ✓	
113	1	1829	S402		INSUFFICIENT SOLDER	U58 ✓	
113	1	1829	S402		INSUFFICIENT SOLDER	U28 ✓	PIN 5,8
113	2	1829	S402		INSUFFICIENT SOLDER	U20 ✓	PIN 4
113	1	1829	S402		INSUFFICIENT SOLDER		

3/31/05
3/29/05
3/31/05

REWORK TRAVELER

SO NO: F17300	PART NO: SLAC LAT-DS-01646	REV: 56
ASSEMBLY NAME: TEM CCA		QTY: 1
APPROVAL <i>(Original signed editions reserved for copying)</i>		
G. POZZI	G. HECKIN	K. BERGTHOLDT
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
PREPARED BY	DATE	DATE
<i>[Signature]</i>	4-18-05	4-18-05
ENGINEER	DATE	DATE
<i>[Signature]</i>	4-18-05	4-18-05
QA MGR	DATE	DATE
<i>[Signature]</i>	4-18-05	4-18-05
SLAC SOURCE	DATE	
	4-19-05	

STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	Record serial numbers: TEM LAT-DS-01646 SN GT- <u>113</u> GLAT-_____			
2	OPERATOR: INSPECT FOR CLEANLINESS AND DEBRIS USE A SOLUTION OF 75% ALCOHOL AND 25% DE-IONIZED WATER. PLACE BOARDS INTO SOLUTION AND USE A SOFT BRISTLE BRUSH TO REMOVE ALL SOLDER BALLS. VIEW BOARDS UNDER A 10X SCOPE AND RECLEAN UNTIL ALL SOLDER BALLS HAVE BEEN REMOVED. NO SOLDER BALLS ALLOWED.	<i>[Signature]</i> 1337	4/22/05	1.5
3	AQUEOUS CLEAN USING RECIPE #3	<i>[Signature]</i> 1337	4/22/05	
4	INSPECTION: INSPECT FOR BOARD CLEANLINESS. NO SOLDER BALLS ALLOWED.	<i>[Signature]</i> 1337	4/22/05	1.
5	SOURCE INSPECTION		5/4/05	

DEFECT RECORD REPORT

ID: 79536
 PART NUMBER: LAI-DS-01546
 WORK ORDER: 112013
 SALES ORDER: F17200
 QUANTITY: 1 RW QTY: 1
 CUSTOMER: SLAC

INSPECTION TYPE: 1ST SOLDER INSPECTIO
 INSPECTION LEVEL: 1
 INSPECTOR: HUBBARD
 OFE SOLDER: 4163
 OFE ASSEMBLY: 5203
 DATE: 2/22/2005
 WEEK CODE: 9

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
113	1	1829	S402		INSUFFICIENT SOLDER	U16 ✓	PIN 5
113	1	1829	S402		INSUFFICIENT SOLDER	U18 ✓	PIN 5
113	1	1829	S402		INSUFFICIENT SOLDER	U25 ✓	PIN 5
113	1	1829	S402		INSUFFICIENT SOLDER	U33 ✓	PIN 8
113	1	1829	S402		INSUFFICIENT SOLDER	U34 ✓	PIN 8
113	1	1829	S402		INSUFFICIENT SOLDER	U11 ✓	PIN 8
113	1	1829	S402		INSUFFICIENT SOLDER	U5 ✓	
113	1	1829	S414		SOLDER BALLS		

1337
 13/29/05
 3/5/1

CCA PIN: LAT-DS-01646 GLAT 1764 GT113

W.O. #: 112013

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

Date: 6/17/2005

MIX RATIOS

Coating TYPE: ARATHANE Mfr: HUNTSMAN

Lot Number: AK4GB8013A Expiration Date: 6/30/2005

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

AIR CURE: START 6/17/05 11:55 AM FINISH 6:36 AM (6/20)

OVEN CURE: START 6/26/05 6:35 AM - FINISH 6/20/05 9:00 AM

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 1

VEN# LAT-DS-02588
CABLE, CONN, TEM

WOB# 112026
REQ DATE 02-04-05
REL DATE 01-31-05
SC#
PC# 0000049799

CUST P#
QTY 19
PROJECT# F17200
CUST# 15356

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

APPROVAL: [Signature]
PROD: [Signature] 2/4/05
QA: [Signature] 2-4-05

*WORKMANSHIP:-----
ANSI-J-STD-ISO1 CLASS 3; OTHER:
(DEFAULT WORKMANSHIP UNLESS INDICATED OTHERWISE, ABOVE)

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

(webdr rev 05.19.04 g1h)-----

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



1 200 00 CONFIG RECORD/MITTING 0.0000 0.0000 0.0000
CONFIG

***** CONFIGURATION DOCUMENTS *****
ASSY & # : DOCUMENT NUMBER REV PD/PL OUTSTANDING EO'S
TRSD SISC: LAT-DS-02588 01 NONE
ASSY AID: N/A
CUSTOMER NAME: SLAC

***** BUILD DOCUMENTS *****
USE... TRAVELER AND DRAWING
*REV'D/PREP'D BY: GH (DATE) DATE: 02.02.05

DATE	QTY	REMARKS	STATUS
2-4-05	---	---	[Signature]

ESD SENSITIVE

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER TRAVELLER - NEW

PAGE 2

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

WOP# 112026
REQ DATE 02-04-05
REL DATE 01-31-05
SQ#
POS# 0000048799

CUST P#
QTY 15
PROJECT# F17200
CUST# 15356

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



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

* WIRE, CRIMP PINS, AND CONNECTOR.

QTY 15
REMARKS..... STATUS
Philos *PH* *[Signature]*

WORK CELL: 4-MIXED

CUSTOMER: SLAC

TYPE: PRODUCTION

WORK ORDER: TRAVELLER - NEW

PAGE 3

Handwritten notes in a cloud: "Strap 1-4", "1337", "4/26/05", "move to start A3A", "Jethel"

W/PN# LAT-DS-02553
CABLE, CONN, TEM

WOS 112024
REQ DATE 02-04-05
REL DATE 01-31-05
SOP
POP 0000048799

CUST P# 13
QTY 13
PROJECT# F17200
CUST# 13379

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



0 0000 0.0000 0.0000

CABLE/HARNESS ASSY AREA
CUT WIRE STRIP WIRE
CRIMP PIN CONTACTS
TIN LEADS

Cut

CRIMP TEST SETUP - GTC-2081.

CUT 6 PIECES OF WIRE 8 1/2" 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 PNEUMATIC WIRE STRIPPER SET UP WITH
24 AWG STRIP BLADES. A STRIP LENGTH OF 1/4"
AND LEAVES THE INSULATION SLUG IN PLACE.

PRE-ASSY CRIMP TEST...

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

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

ASSEMBLY ACTIVITY...

1 FEED WIRE DIRECTLY OFF THE SPOOL TO THE STRIPPER.

2 STRIP THE INSULATION LEAVING THE SLUG. 7/8" (39")

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

4 CUT 3 PIECES TO 1-1/8" (1.125") LONG. USE PROGRAM # 89

5 CUT 3 PIECES TO 1" (1.000") LONG. USE PROGRAM # 90

6 STRIP SECOND END USING THERMAL TWEEZERS. 3/16"

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

8 FULL INSULATION SLUG AND CRIMP CONTACT (ADD) ONTO LEAD.
USE M22520/2-01 CRIMPER W/ M22520-2-59 TURRET/LOCATOR.

9 POST-ASSY CRIMP TEST...

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

CRIMP TEST: BY 2 Rn 1970 DATE: 2/19/05 STATUS Pass

DATE... QTY... REMARKS... STA...
2/10/05 4 8 7/8 (39) & 1 1/8 (39) of 4 each RM 1970
3.10.05 8 1 1/8 (350) 1" (200) 1 5/16 (175) H.G. #1941
3.11.05 8 1 1/8 strips H.G. #1941

Equipment CHANGE: EUBANKS #Boggy 3-0-05
3/16" strip length to 1/4" (19)
Crimp Tensile Strength Sheet attached

1 2 3 4 - performed using S. 89
3/16 (19)
on EUBANKS

GTC-A-463
K42 - mm.

3.11.05 & 5/16 strips H.G. #1941

3.11.05 crimps 1 5/16 H.G. #1941

3-0-05 MV 1942 1" str
3.12.05 forming H.G. #1941 1"

3.14.05 crimp 1" (46) H.G. #1941

3.14.05 crimp 1 1/8 (96) H.G. #1941

3.14.05 crimp 1 1/8 (235) H.G. #1941

3.14.05 crimp 1" (26) H.G. #1941

See page 3A - continued & Jethel

* pre-Assy crimp test 2.28.05 Pass H.G. #1941
pre-Assy crimp test 3.10.05 Pass H.G. #1941
3.2.05 Pass H.G. #1941
3.3.05 Pass H.G. #1941
no crimping on 3.4.05
pre-Assy crimp test 3.5.05 Pass H.G. #1941
3.7.05 Pass H.G. #1941
pre-Assy crimp test 3.14.05 Pass H.G. #1941
post-Assy crimp test 3.21.05 Pass H.G. #1941

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

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

CUST P#
QTY 19
PROJECT# P17200
CUST# 15355

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



4 230 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.

DRR#(S)

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



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

- * INSERT TERMINATED WIRES TO CONNECTOR.
- ** INSERT LONGER WIRES (1-516) INTO HOLE NUMBERS 1 THRU 20
- ** INSERT SHORT WIRES (60) INTO HOLE NUMBERS 60 THRU 76.
- ** ASSURE CONTACT IS SEATED AND LOCKED INTO CONNECTOR.

strips, crimps & things 3/4/05
1 1/2 wires into 21 Through 59
 3-21-05 3 complet 4-6#19

DATE	QTY	REMARKS	STATUS
2/17/05	4		RIN 1970
3-15-05	2		L.G.#1441
3-21-05	1		L.G.#1441



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

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

DRR#(S)

ROUTE FOR WO CLOSURE AND DELIVERY TO NEXT ASSY LAT-DS-01640.

DATE	QTY	REMARKS	STATUS
2/17/05	4	AMP 206504-1 conn inserts. step 5.	
3-15-05	2	AMP 206504-1 conn. check inserts	
3/21-05	1		
3/22/05	3	conn.	

WORK ORDER : 112026

(NEW)

WORK ORDER PICK LIST

PAGE: 1

ASSEMBLY # : LAT-DS-02588
WO QUANTITY : 19
WIP LOCATION: W02

BY LINE ITEM

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

PULLED:

PULLED BY:

LINE	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS			INVLOC	LOT NUMBER	INVTORY DETAIL			
			REQUIRED QUANTITY	CURR STAT	STATUS			RESV IN	LOT	LOT DATE	BIN
1	206504-1 AMPLIMITE ORIGINAL QUANTITY...	EA	1.00	RSVD	19.00	114794	SKCF2 FN-1	114794	22.00	09-23-04	

The following parts have been defined as alternates for 206504-1:
Line 1.1 311P407-SP-B-15 1 PER
Partial quantity replacements are allowed.

2	M22759/11-24-9 WIRE, 24AWG, WHITE ORIGINAL QUANTITY...	IN	102.00	RSVD	1938.00	115299	SKCF2 FN-3	115299	35994.00	01-01-04	
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3	204370-8 PIN, CRIMP ORIGINAL QUANTITY...	EA	84.00	RSVD	1596.00	114796	SKCF2 FN-2	114796	1997.00	09-23-04	IN ASSY
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The following parts have been defined as alternates for 204370-8:
Line 3.1 GOSP1 1 PER
Partial quantity replacements are allowed.

19

1938

1596

0750

CRIMP TENSILE STRENGTH LAT-DS-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	RHODA MARMON / 1970	TEST DATE
CONTACT PN:	204370-8	2/09/05
WIRE PN:	M22759/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A-930)	RHODA MARMON 1970
DIE/LOCATOR PN (GTC Tool #):	M22520/02-09 (GTC-A-831)	WORK ORDER NO.
SELECTOR VALUE:	-3	112026
TEST EQUIP # (Last CAL date):	ALPHATRON MFF 200A (6.17.04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

1500

CRIMP TENSILE STRENGTH LAT-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:		2/09/05
WIRE PN:		TESTED BY
CRIMP TOOL PN (GTC Tool #):	(GTC-)	Retro Manual 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
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	<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
	<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
	<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
	<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
	<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
	<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
	<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
	<input checked="" type="radio"/> PASS		

0830

CRIMP TENSILE STRENGTH

LAT-05-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	RHODA MARLOW / 1970	TEST DATE
CONTACT PN:	204370-8	2-15-05
WIRE PN:	M22759/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A 930)	RHODA MARLOW 1970
DIE/LOCATOR PN (GTC Tool #):	M22520/02-09 (GTC-A 931)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	ALPHATRON MAF 200A (6.1704)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

130215 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-)	RHONA MARRION
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	12.6	13.3
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL
	Type of Separation Observed		
SLIP (pull out) {a}	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CONDUCTOR BROKEN IN CRIMP AREA (some or all) {b}	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CONTACT BROKEN IN CRIMP AREA (some or all) {c}	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) {d}	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CONTACT BROKEN OUTSIDE OF CRIMP AREA {e}	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER (define) {f}	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SPECIAL INSTRUCTIONS (as reqd):			

1:10 PM.

CRIMP TENSILE STRENGTH

Cat-05-02588

MIL-STD-1344: METHOD 2003.1

TEST TYPE (circle one):

PRE - PROD

POST - PROD

CRIMP OPERATOR NAME/EMP #:

Herbie Gray 12941

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 1.830)

Herbie Gray

DIE/LOCATOR PN (GTC Tool #):

M22520 / 2-09 (GTC 1.831)

WORK ORDER NO.

SELECTOR VALUE:

3

112026

TEST EQUIP # (Last CAL date):

Alpation MPF200A (GTC 1.831) 11-18-05

PULL RATE:

1" +/- .25" per min.

OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.5	13.0	12.0
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS	<input type="radio"/> FAIL	<input checked="" type="radio"/> PASS

Type of Separation Observed

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

SPECIAL INSTRUCTIONS (as reqd):

8:45 a.m.

CRIMP TENSILE STRENGTH Lat-15-02588

MIL-STD-1344: METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1#1941	TEST DATE
CONTACT PN:	204370-B	3.1.05
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC#830)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-09 (GTC#831)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	Alphatron MPF 200A (6-20-04) 11805	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

7.47 a.u.

CRIMP TENSILE STRENGTH Cat-DS-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<u>PRE</u> - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 127941	TEST DATE
CONTACT PN:	204370-8	33.05
WIRE PN:	M22799 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC 4-830)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-01 (GTC 4-831)	WORK ORDER NO.
SELECTOR VALUE:	3	117026
TEST EQUIP # (Last CAL date):	Alphatron MPE 200A 118005 16.17.04	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

SPECIAL INSTRUCTIONS (as reqd):

9:50 A.M.

CRIMP TENSILE STRENGTH

Lot DS-02583

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	<input checked="" type="radio"/> PRE <input type="radio"/> PROD	<input type="radio"/> POST <input type="radio"/> PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1#1941	TEST ID
CONTACT PN:	204370-8	3.50
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC 1012)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22920 / 2-09 (GTC 4-831)	WORK ORDER NO.
SELECTOR VALUE:	3	711
TEST EQUIP # (Last CAL date):	Adaptation MPF 700A (6.17.04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	
MINIMUM TENSILE STRENGTH:	10	10	
MEASURED TENSILE STRENGTH:	13.4	13.2	
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	<input checked="" type="radio"/> PASS <input type="radio"/> FAIL	
	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 *Lot-05-02588*

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	<i>Heddie Gray 1#1941</i>	TEST DATE
CONTACT PN:	<i>204370-8</i>	<i>3.7.05</i>
WIRE PN:	<i>M22759 / 11-24-9</i>	TESTED BY
CRIMP TOOL PN (GTC Tool #):	<i>M22520 / 2-d (GTC# 830)</i>	<i>Heddie Gray</i>
DIE/LOCATOR PN (GTC Tool #):	<i>M22520 / 2-09 (GTC# 831)</i>	WORK ORDER NO.
SELECTOR VALUE:	<i>3</i>	<i>117026</i>
TEST EQUIP # (Last CAL date):	<i>Alphatron MPF700A (1-18-05)</i>	
PULL RATE:	<i>1" +/- .25" per min.</i>	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	<i>10</i>	<i>10</i>	<i>10</i>
MEASURED TENSILE STRENGTH:	<i>13.0</i>	<i>12.8</i>	<i>13.0</i>
PASS/FAIL (circle test result)	PASS	PASS	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

Lot-15-02588

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 #:	Herbie Gray 1#1941	TEST DATE 3/4.05 TESTED BY Herbie Gray WORK ORDER NO. 112026
CONTACT PN:	204370-8	
WIRE PN:	M22759 / 11-74-9	
CRIMP TOOL PN (GTC Tool #):	M22759 / 2-01 (GTC # 102)	
DIE/LOCATOR PN (GTC Tool #):	M22759 / 7-09 (GTC # 836)	
SELECTOR VALUE:	3	
TEST EQUIP # (Last CAL date):	Alldata MPT-2007 (6.7.07)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.4	12.9	13.2
PASS/FAIL (circle test result)	<input checked="" type="radio"/> PASS 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

LAT-05-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	<u>POST</u> - PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1 #1941	TEST DATE
CONTACT PN:	204370-8	3.21.05
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC #1000)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-09 (GTC #836)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	Alderson MPI-200A (6.17.04)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.6	13.4	13.8
PASS/FAIL (circle test result)	<u>PASS</u> / FAIL	<u>PASS</u> / FAIL	<u>PASS</u> / FAIL
Type of Separation Observed			
SLIP (pull out) {a}			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) {b}		✓	
CONTACT BROKEN IN CRIMP AREA (some or all) {c}			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) {d}	✓		✓
CONTACT BROKEN OUTSIDE OF CRIMP AREA {e}			
OTHER (define) {f}			

SPECIAL INSTRUCTIONS (as reqd):

Assy LAT-DS-02588

CRIMP TENSILE STRENGTH

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Dora 11337	TEST DATE
CONTACT PN:	204370-8 (C08PI)	4/28/05
WIRE PN:	M22759/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A610)	Dora
DIE/LOCATOR PN (GTC Tool #):	M22520-209 (GTC-)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	6/17/04 ^{Dis} 6/17/05 GTC 95A	
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
	PASS	FAIL	PASS
	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 #:	<i>Nora</i> 11337	TEST DATE
CONTACT PN:	204370-8 (608P1)	4/28/05
WIRE PN:	M22759/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A610)	<i>Nora</i>
DIE/LOCATOR PN (GTC Tool #):	M22520-2-09 (GTC)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	6/17/04 ^{Due} 6/17/05 (GTC PS11)	
PULL RATE:	1" +/- .25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10.0	10.0	10.0
MEASURED TENSILE STRENGTH:	13.0	13.4	13.2
PASS/FAIL (circle test result)	PASS	FAIL	PASS
		PASS	FAIL
			PASS
			FAIL
	Check Failure Mode Observed		
SLIP (pull out) (a)		✓	
CONDUCTOR BROKEN IN CRIMP AREA (some or all) (b)			✓
CONTACT BROKEN IN CRIMP AREA (some or all) (c)			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) (d)	✓		
CONTACT BROKEN OUTSIDE OF CRIMP AREA (e)			
OTHER (define) (f)			
SPECIAL INSTRUCTIONS (as reqd):			

MO.LOTS:
PAGE 1

PART#	DESC	QTY	FROM LOT#	FROM LOT NOTES
1210B563K251YHFM	CAPACITOR	16.00	114802	200425016
5962-B759406XA	IC, LM185BYH-2.5, NSC	3.00	114805	T85343F019
5967R9568101VXC	IC	1.00	114814	F25TDADA
5962R985203QYC	IC	5.00	123441	D/C 0408
5962R9865103QYC	IC	4.00	120289	D/C 0407
CDR31BX472BKHS	CAPACITOR	249.00	114801	LOT 0422-DN
CDR33BX473AKHS	CAPACITOR	53.00	114799	LOT 0419B
CWR09FC476KDB	CAPACITOR	49.00	114800	LOT 0417
CWR11FH105KDB	CAPACITOR	36.00	120284	D/C 0426 LOT 0425AB52
CWR11FH475KDB	CAPACITOR	2.00	120285	D/C 0430
H0705CFX000	THICK FILM JUMPER	151.00	114817	LOT TR107039
JANTXV1N4153JR-1	DIODE	2.00	114806	LOT V-5869
LAT-DS-01076	PLATE, CONN, TEM	1.00	114784	NO LOT
LAT-DS-01031	PIR, CONNECTOR, TEM	2.00	114785	CONN PLATE
LAT-DS-01649	P6B, TEM	1.00	120299	NO LOT
LAT-DS-02588	ASSY, CABLE, CONN, TEM	1.00	131234	CONN PIN
LAT-DS-03582	STANDOFF	2.00	114787	D/C 4904, 3441
LAT-TD-01812	IC	8.00	114816	NO LOT
LAT-TD-01814	IC	4.00	114813	FEMALE STANDOFF 4-60
M55342K06B100DR	RESISTOR, CHIP, 100W, 100 OH	60.00	114822	T31D
M55342K06B100ER	RESISTOR, CHIP, .100W, 100K	50.00	114823	LOT TR107035
M55342K06B10E0R	RESISTOR, CHIP, .100W, 10K O	23.00	114830	LOT TR107045
M55342K06B1E00R	RESISTOR, CHIP, .100W, 1K OH	55.00	114818	LOT TR107038 (250)
M55342K06B1F00R	RESISTOR, CHIP, 100W, 1M OHM	2.00	114819	LOT TR108589 (457)
M55342K06B200DR	RESISTOR	2.00	114824	LOT TR107040
M55342K06B22D1R	RESISTOR	205.00	114821	LOT 107036
M55342K06B49D9R	RESISTOR, CHIP, .100W, 49.9	4.00	114827	LOT 112409
M55342K06B5E11R	RESISTOR	2.00	114829	LOT TR110001
M55342K09B10F0R	RESISTOR	2.00	114820	LOT TR110002
M55342K09B1F00R	RESISTOR	2.00	114828	LOT 107042
MAX145AEDA	IC	36.00	120286	LOT 109509
MAX5121AFEE	IC	4.00	114810	D/C 0310
				LOT 0134

MCR-1051-1B1	CONNECTOR	9.00	114803	D.C 0404
MCR-1069-1B1	CONNECTOR	4.00	114804	D.C 0415
MS24671-2	SCREW	4.00	114790	76436
MS1957-13	SCREW, FNHD, 4-40 X .25	2.00	93945	
NAS1352N02-B	SCREW	26.00	114786	70494-2
NAS620-C2	FLATWASHER	52.00	114789	M062S04R
NAS671-C2	NUT	26.00	114791	50254
531P18-0937R6	THERMISTOR, 30K	2.00	114825	D.C 03G1188
SMD050	FUSE, RAYCHEM/POLYSWICH	4.00	114807	D.C 034B
SMD075	IC	4.00	114926	D.C 0332

PARTS ISSUED TO WO 112026

WO. LOTS
PAGE 2

PART#	DESC.	QTY	FROM LOT#	FROM LOT NOTES
204370-8	PTH, CRIMP	1596.00	114796	IRM87754
206504-1	AMPLIMITE	19.00	114794	00402
M22759/11-24-9	WIRE, 24AWG, WHITE	1938.00	115299	46190

PART#	DESC	QTY	FROM LOT#	FROM LOT NOTES
204370-8	PIN, CRIMP	380.00	114796	LRM87754
204370-6	PIN, CRIMP	500.00	129543	
LA3-DS-02840	ASSY, CABLE, TPS 1/P PWS	19.00	114946	LOT 0414 , 0351
M22759/11-24-2/9	WIRE, 24AWG RED/WHIT	5700.00	115300	

PARTS ISSUED TO WO 112044

WO LOTS
PAGE 4

PART#	DESC	QTY	FROM LOT#	FROM LOT NOTES
G08S1	CONTACT (206071-1)	972.00	115021	LOT 04153
G08S1	CONTACT (206071-1)	510.00	125762	
G08S1	CONTACT (206071-1)	400.00	128557	D/C 04153 LOT# LHM91466
LAT-DS-02831	ASSY, CABLE, TFS O/P PWR	18.00	114947	LOT D/C 0413
M22759/11-24-9	WIRE, 24AWG, WHITE	16300.00	115299	46190

PARTS ISSUED TO WO 112067

WO. LOTS
PAGE 5

PART#	DESC.	QTY	FROM, LOT#	FROM LOT NOTES
1210E563K251YHTM	CAPACITOR	12.00	114802	200435016
32763-31	INDUCTOR	2.00	114965	SLAC LOT#0412
32786-31	INDUCTOR	12.00	114964	SLAC LOT#0413
5962L8771002VXA	IC	2.00	114962	SLAC LOT#H3C0409A
5962R9582602VXC	IC	6.00	120302	328ABBS, 239ABBV
5962R9663501VXC	IC	5.00	120301	D/C351
ARF461	IC FILTER	1.00	114959	D/C 0439
CDR04EX104AKUS	CAP, .1uF, 50V	32.00	114935	SLAC LOT#0404
CDR31BP100BKUS	CAPACITOR	14.00	114938	SLAC LOT#0405BG
CDR31BP101BKUS	CAPACITOR	4.00	114944	SLAC LOT#0349HM
CDR31BP470BKUS	CAPACITOR	4.00	115090	SLAC LOT#0420FN
CDR31EX102BKUS	CAPACITOR	2.00	114936	SLAC LOT#0420RL
CDR32EX103BKUS	CAP 0.01UF 100V 10%	22.00	114937	SLAC LOT#0413FM
CDR33EX223BKUS	CAPACITOR	4.00	114940	SLAC LOT#0405VC
CDR34EX473AKUS	CAPACITOR	7.00	114799	LOT 0419B
CWR09FC476KDB	CAPACITOR	89.00	114943	SLAC LOT#0418
CWR09HC106KCB	CAPACITOR	4.00	114939	SLAC LOT#0409
D55342K07B40ZER	RES, 402K, 1/4W, 1%	1.00	115001	SLAC LOT#112027
D55342K07B511ER	RESISTOR	10.00	115002	SLAC LOT#TR107816
H0705CXP000	THICK FILM JUMPER	15.00	114817	LOT TR107039
IRHNJ597034	TRANSISTOR	3.00	114966	SLAC LOT#D321662
JANTXV1N4106DR-1	DIODE	4.00	114953	SLAC LOT#V-6966
JANTXV1N4153DR-1	DIODE	8.00	114949	SLAC LOT#V-5869
JANTXV1N4489US	DIODE	1.00	125757	
JANTXV1N4494DS	DIODE	1.00	114955	SLAC LOT#Z301190
JANTXV1N5806DS	DIODE 1N5806US	8.00	114950	SLAC LOT#H5030088A
JANTXV1N6485DS	DIODE	1.00		D/C 0368
JANTXV1N6487DS	DIODE	6.00	114951	SLAC LOT#V-7503DC-0349
JANTXV2N2272A0B	TRANSISTOR NPN	21.00	114952	SLAC LOT#V-7528
JANTXV2N2907A0B	TRANSISTOR	2.00	120303	D/C0318
JANTXV2N3459	TRANSISTOR	2.00	115007	SLAC D/C#0330
LAT-DS-02389	PWR, CLAMP, TPS	4.00	115006	LOT 0243
LAT-DS-02465	HEAT SINK, TPS	1.00	120305	D/C 3304, 4804
LAT-DS-02830-01	ASSY, CABLE, TPS 1/P PWR	4.00	115014	SLAC LOT# N/A
LAT-DS-02831-01	ASSY, CABLE, TPS 0/P PWR	1.00	131233	
		1.00	131232	

LAT-DS-03598	SUPPORT, CABLE HARNESS	2.00	115020	NO LOT # REV 50 PO 51100
LAT DS-03598	SUPPORT, CABLE HARNESS	2.00	125327	NO LOT OR D/C
LAT-DS-04101	HEATING	2.00	120304	46190
M22759/11-24-9	TUBE, 24AWG, WHITE	1.00	115299	LOT D/C 0414C3, 0414CM
M39006/22-0567H	CAPACITOR	30.00	114941	SLAC LOT#BR21501
M55342K06B1E21R	RESISTOR	4.00	114976	SLAC LOT#BR21601
M55342H06B2B21R	RESISTOR	6.00	114979	LOT TR107035
M55342K06B100DR	RESISTOR, CHIP, 100W, 100 OH	4.00	114822	LOT TR107045
M55342K06B100ER	RESISTOR, CHIP, .100W, 100K	13.00	114823	SLAC LOT#TR107830
M55342K06B10E0R	RESISTOR, CHIP, .100W, 10K O	21.00	114987	SLAC LOT#TR107832
M55342K06B13E0R	RESISTOR	3.00	114989	SLAC LOT#TR107619
M55342K06B15E0R	RESISTOR, CHIP, .100W, 15K O	1.00	114990	SLAC LOT#TR107620
M55342K06B18E2R	RESISTOR	2.00	114991	LOT TR107040
M55342K06B1E00K	RESISTOR, CHIP, .100W, 1K OH	6.00	114818	SLAC LOT#TR107523
M55342K06B1E21R	RESISTOR	3.00	114971	

PARTS ISSUED TO WO 112067

NO. LOTS
PAGE 6

PART#	DESC.	QTY.	FROM LOT#	FROM LOT NOTES
M55342K06B1E37R	RESISTOR	4.00	114972	SLAC LOT#TR10811
M55342K06B1F00R	RESISTOR, CHIP, 100K, 1M OHM	6.00	114819	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	114995	SLAC LOT#TR112391
M55342K06B49E9R	RESISTOR, 49.9Kohms	6.00	114996	SLAC LOT#TR107624
M55342K06B4E75R	RESISTOR	2.00	114981	SLAC LOT#TR108586
M55342K06B549DR	RESISTOR	2.00	115003	SLAC LOT#TR111507
M55342K06B5E11R	RESISTOR	2.00	114829	LOT TR110092
M55342K06B5E62R	RESISTOR	1.00	114984	SLAC LOT#TR107829
M55342K06B61E9R	RESISTOR	1.00	114997	SLAC LOT#TR107625
M55342K06B61E9R	RESISTOR	2.00	114985	SLAC LOT#109510
M55342K06B8E25R	RESISTOR	1.00	114986	SLAC LOT#TR109046
M55342K09B10F0R	RESISTOR	4.00	114820	LOT 107042
M55342K09B10F0R	RESISTOR	2.00	114828	LOT 109509
M55342K09B1F00R	RESISTOR	1.00	114993	SLAC LOT#TR107622
M55342K09B22D1R	RESISTOR	1.00	115091	SLAC LOT#TR107617
M55342K09B2E00R	RES, CHIP, 2.00K, 1%, 1/2W	2.00	114982	SLAC LOT#TR9044
M55342K09B4E99R	RESISTOR	7.00	114961	LOT D/C 0342PS
MAX724ECK	IC	4.00	115016	LOT M061404R
NAS1149CM432R	WASHER	19.00	115010	LOT A1205030
NAS1149CM642R	WASHER	4.00	114832	76123
NAS1352N04-6	SCREW	7.00	115011	LOT 77477
NAS1352N06-6	SCREW	4.00	122091	
NAS671C4	NUT, HEX, SS, PASS, 4-40THRD	4.00	122955	LOT D/C 15419237
NAS671C6	NUT, #6, SE.PAT	19.00	114968	LOT D/C 0329
RWR89SR200FR	RESISTOR	1.00	114957	D/C 0412
RX8065	FUSE	2.00	114958	LOT D/C 03D0021
RXE110	FUSE, POLYSWITCH	2.00	115004	SLAC LOT#0404
S311P18-09S7RG	THERMISTOR, 30K	2.00	114948	
SSR1040GTXV	DIODE	7.00		

PART#	DESC	QTY	FROM LOT#	FROM LOT NOTES
LAT-DS-00995	BASE, BOX, TFS	1.00	121225	
LAT-DS-00996	LID, BOX, TFS	1.00	121224	
NAS1352N04-4	SCREW	20.00	115019	LOT D/C 78364
NAS1352N04-6	SCREW	30.00	115012	LOT D/C 76123

PARTS ISSUED TO WO 113234

WO LOTS
PAGE 9

PART#	DESC.	QTY	FROM LOT#	FROM LOT NOTES
LAT-05-01489	STUCK, SUEBIE CAP, 332X.62	40.00	120307	LOT 68402-1-1