GENERAL TECHNOLOGY CORP.
1A50 MISSION AVENUE NE
ALBUQUERQUE NM 87107
FSUM 61666

S H I P P E R
SHIPPER NUMBER F17301.12
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
MENIO PARK, CA 94025
T
O

B 15356
I SLAC
L ACCOUNTS PAYABLE
L 2575 SAND HILL RD M/S85
MENIO 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: GT116 GLAT1843. QTY DUE...: 6	52	1.00	1 131456

SHIP.VIA: UPSR
WAYBILL#:

Certificate of Conformance

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

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

END-ITEM DATA PACKAGE – LAT-DS-01643; Serial Number: GT116 GLAT 1843

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# 113235 : S/N (above SN)

TPS Unit: LAT-DS-01482 WO# 113217 : S/N GT117 GLAT 1025

TPS CCA: LAT-DS-02388 WO# 112070 : S/N GT117 GLAT 1787

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# 113118 : S/N GT117 GLAT 1806

TEM CCA: LAT-DS-01646 WO# 112017 : S/N GT117 GLAT 1768

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

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

(_____)

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

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

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

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

LAT-DS-01646; Rev No. (Drawing - 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: GTI16 GLAT1843

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-02388/29636,32449 LAT-DS-02830/29547 LAT-DS-01646/29540,30510,

(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: Emilia Martinez **Date:** 6/22/05

GTC QA Acceptance: _____ **Date:** 6/22/05

SLAC QAR Acceptance: _____ **Date:** 7.8.05

WORK CELL: 1-810 KUDER CUSTOMER: SLAC

1: PRODUCTION WORK ORDER TRAVELLER - NEW

ASSY/PN# LAT-DS-01643
ASSY, UNIT-TEM/IPS

WO# 113235
REQ DATE 05-06-05
REL.DATE 04-21-05
SO# F17301
PO# 0000083627

CUST P#
QTY 1
PROJECT# F17301
CUST# 15356

*SERIAL NUMBER ********** ******APPROVAL:***

GT116 GLAT1843

PROD: Kit 5-3-05
QA [illegible] 5-3-05

*WORKMANSHIP:**********
IPC/EIA-J-STD-001C CLASS 3, WITH "CS" SPACE SUPPLEMENT

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

-glh 02 03 05**********

Li#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS TIME-MACH	HOURS ST-LOT
1	200		00	CONFIG RECORD/KITTING CONFIG	0.0000	0.0000		0.0000

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

	DOCUMENT NUMBER	REV	FD/PL	OUTSTANDING EO'S
ASSY DWG:	LAT-DS-01643		53	NONE
BOM PL:	(SAME - ON DWG)			
CUST SOW:	LAT-PS-01615/01076		03	NONE
VIBE/IC:	(NOT APPLICABLE; HAS SX-282, SOW DELETED GIC DQ.)			
ASSY AID:	LAT-DS-01643		-	(RELEASED PER EC 24791
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			Kitted

2	202		00	STOCKROOM/KITTING AREA KITTING	0.0000	0.0000		0.0000

* PROCESS MATERIAL PER QAA STEP 2.

DATE	QTY..	REMARKS.....	STATUS
5/17/05	1		Kitted 5/17/05

WORK CELL: 1-BIG ADDER CUSTOMER: SLAC

PRODUCTION WORK ORDER TRAVELLER - NEW

WO# 113235 PAGE 2
ASSY/PN# LAT-DR-01643 REQ DATE 05-06-05 COST P#
ASSY: UNIT-TEM/TPS REL.DATE 04-21-05 QTY 1
SO# F17301 PROJECT# F17301
PO# 0000053627 CUST# 15356

Lit#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HRS-MACH	STATUS
3	210		01	CCA/BLACK BOX ASSY AREA INSTALL SCREWS JOINING THE TEM & TPS BOX ASSYS.	0.0000	0.0000	0.0000	

• PROCESS ASSY PER CAA STEP 3

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

Lit#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HRS-MACH	STATUS
4	210		00	CCA/BLACK BOX ASSY AREA TORQUE FASTENERS	0.0000	0.0000	0.0000	

• PROCESS ASSY PER CAA STEP 4.

•• ALERT SLAC QAR TO WITNESS TORQUE PROCESS.••

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

TORQUE TOOL # GTC-A-977

GTC-D-944 CAL DUE DATE: 08/05

DATE	QTY.	REMARKS	STATUS
06/22/05	1		Byp(1288)
6.22.05	1	WITNESS TORQUE	LAT 10 QA

Lit#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HRS-MACH	STATUS
5	210		00	CCA/BLACK BOX ASSY AREA STAKE BOLT HEADS	0.0000	0.0000	0.0000	

• PROCESS ASSY PER CAA STEP 5.

• RECORD MATERIAL DATA BELOW:

ADHSV 0151: GTC PO# 31403 EXPIRATION DATE 01/31/07

CURE DATE/TIME: START-06/22/05 3:00 PM STOP- 5:00 PM

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

(1) (2) 3M 3

CCA/BLACK BOX ASSY AREA
ASSY MARKING: ADD MARKING LABEL

• PROCESS ASSY PER CAA STEP 6

• RECORD MATERIAL DATA BELOW

INK #4-100R: GTC PO# 31201 EXPIRATION DATE 04/27/07

LOT # (PT A): 20040908033

LOT # (PT B): 20040702 0071

MIX RECORD: PT A WGHT: 10.91 PT B WGHT: 0.697

MARKING DATE/TIME: 06/22/05 3:00 PM

CURE OCCURS AT STAKING STEP 13.

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

3M 3 (2) (1) 3M 3

WORK CELL: 1-BIG RUDDER CUSTOMER: SLAC

TYPE: PRODUCTION WORK ORDER TRAVELLER - NEW

/IN# LAT-DS-01643
.. UNIT ITEM/TPS

WO# 113235
REQ DATE 05-06-05
REL DATE 06-21-05
SO# F17301
PO# C000083627

CUST P#
QTY 1
PROJECT# F17301
COST# 18356

Lin	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN...	HOURS LINE-MACH	HOURS ST-LOT
6	290		00	QUALITY ASSURANCE AREA OPR: SLDR-0 ASSY-122	0.0000	0.0000		0.0000

• PROCESS ASSY PER CAA STEP 6.

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
6/22/05	1	Boarding only	

Lin	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN...	HOURS LINE-MACH	HOURS ST-LOT
7	280		00	SOURCE INSPECTION EXAMINE BOX JOINING AND EID PACKAGE	0.0000	0.0000		0.0000

• PROCESS ASSY PER CAA STEP 7.

RECORD DEFECT REPORT NO IF APPLICABLE: _____

• UPON ACCEPTANCE, ADDITIONALLY INDICATE BY STAMPING THE END-ITEM-DATA PACKAGE OR THE CHECKSHEET (FORM GIC-129).

DATE	QTY	REMARKS	STATUS
6-22-05	1	GLAT 1893	LAT IQ QA

Lin	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN...	HOURS LINE-MACH	HOURS ST-LOT
8	290		00	QUALITY ASSURANCE AREA OPR: SLDR-0 ASSY-97	0.0000	0.0000		0.0000

• PROCESS ASSY PER CAA STEP 8

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

RECORD DEFECT REPORT NO IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
6/23/05	1		QA

(NEW)

WORK ORDER : 113235 — WORK ORDER PICK LIST — PAGE: 1

ASSEMBLY # : LAC-DS-01643 — BY LINE ITEM — REPRODUCIBILITY DATE: 05-01-08
QUANTITY : 1 — RELEASE DATE : 04-21-08
LOCATION: M02 — DATE PRINTED : 05-17-08

DATA PULLED: _____ PULLED BY: _____

Lin	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CLRA STATUS / PRNT QUANTITY	RESV IN LOT #	LOC / INVLOC	LOT / NUMBER	INVTORY DETAIL: LOC QUANTITY	LOT DATE / EXP DATE	BIN / BINLOC QUANTITY
1	LAC-DS-01487 SCREW, SATIN CAP, 810X 62 ORIGINAL QUANTITY	EA	40.00 40.00	RSVD	40.00 120307	SKCF3 FN-03	120307 PULLED:	40	05-11-07 IN ASSY	
2	1121 ADHESIVE, HYSOL 406 KIT ORIGINAL QUANTITY	OZ	1.00 1.00	BO	1.00	SKCF3 FN-04	PULLED:	1.00		

WORK CELL: 1-BIG RUNNER   CUSTOMER: SLAC

[illegible] PRODUCTION   WORK ORDER TRAVELLER - NEW

PAGE 1

P/N# LAT-DS-01482
ASSY, GLAST, DAQ, TPS

WO# 113317
REQ DATE 05-06-05
REL.DATE 04-20-05
SO# F17202
PO# 0000048600

CUST P#
QTY 1
PROJECT# F17202
CUST# 15356

*SERIAL NUMBER --------------------------------

GT117 GLAT1825

APPROVAL:
PROD: KH 5-3-05
QA: [illegible] 5-3-05

*WORKMANSHIP:--
IPC/EIA-J-STD-001C CLASS 3; WITH "CS" SPACE SUPPLEMENT

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

*gin 09.28.04--

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

1 200   00 CONFIG RECORD/KITTING   0.0000 0.0000 0.0000
CONFIG

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

	DOCUMENT NUMBER	REV PD/PL	OUTSTANDING EO'S
ASSY DWG:	LAT-DS-01482	55	NONE
BOM PL:	(SAME - ON DWG)		
CUST SOW:	LAT-PS-03078	03	NONE
ESS TEST:	(N/A THIS LEVEL)		
ASSY AID:	LAT-DS-01482	- (RELEASED PER EC 2477)	

CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)
* * * * * * * * * * BUILD DOCUMENTS * * * * * * * * * *
USE... WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS.
*** SEE FOOTER OF WORK ORDER FOR REV HISTORY ***

DATE....	QTY..	REMARKS..............................	STATUS
5.3.05			[illegible]

2 201   00 STOCKROOM/KITTING AREA   0.0000 0.0000 0.0000
KITTING

* PROCESS MATERIAL PER CAA STEP 2.

DATE....	QTY..	REMARKS..............................	STATUS
5/17/05	1		UMB 5004

WORK CTR: VPR: SLAC

TYPE: TRAVELLER - NEW

PAGE 2

ASM'Y: 09-06-05 CUST PO
4:30:05 QTY 1
7100 TRAVELER# F17300
0000048800 CUST# 15356

LT# 1

H O U R S
SET UP RUN... LINE-MACH ST LOT

3 210 AREA 5.0000 0.0000 0.0000

EXP. DATE 10/01/05

5 (PT B) 32775

15 ea (PART B WGHT) 1 ea

QTY REMARKS STATUS

1 Byp(1288)

4 210 ASSY AREA 0.0000 0.0000 0.0000
WORK ORDER
BOX

OF 4

TOOL NUMBER: GT117

QTY REMARKS STATUS

1 Byp(1288)

AREA 0.0000 0.0000 0.0000

* SCROLL ... TO STEP 2

-- ALBAT ... WITNESS TORQUE PROCESS --

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

TOOL #(GT-1-9518 CAL DUE DATE 08/05

GTC-E-94A CAL DUE DATE 08/05

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

06/11/05 1 Byp(1288)

WITNESS TORQUE

6.1705 1 GL AT 182.5

CAT 10 QA

WORK CELL: 1-BIG RUNNER CUSTOMER: SLAC

TYPE: PRODUCTION WORK ORDER TRAVELLER - NEW

ASSY, GLAST, DAQ, TP3 WO# 113217 CUST P#
REQ DATE 05-26-05 QTY 1
REL.DATE 04-20-05 PROJECT# F17300
SO# F17300 CUST# 16354
PO# 0000068800

Li#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
6	210		00	CCA/BLACK BOX ASSY AREA INSTALL J7	0.0000	0.0000	0.0000	

• 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-951½ CAL DUE DATE 08/05

GTC-E-944 CAL DUE DATE 08/05

DATE	QTY..	REMARKS	STATUS
06/20/05	1		BYP (1288)
06/20/05	1	WITNESS TORQUE	LAT TO QA

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

• PROCESS ASSY PER CAA STEP 7.

DATE	QTY..	REMARKS	STATUS
06/20/05	1		BYP (1288)

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

• 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-951½ CAL DUE DATE 08/05

GTC-E-944 CAL DUE DATE 08/05

DATE	QTY..	REMARKS	STATUS
06/20/05	1		BYP (1288)
6/20/05	1	WITNESS TORQUE	LAT TO QA

WORK CELL: I-BIG RIDDER CUSTOMER: SLAC

*: PRODUCTION WORK ORDER TRAVELLER - NEW

WO# 113217 PAGE 4
.../PN# LAT-05-01482 REQ DATE 05-06-05 CUST P#
ASSY, SLAST, DAQ, TPS REL.DATE 04-20-05 QTY 1
SO# P17300 PROJECT# P17300
PO# 0000048800 CUST# 19999

lin	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN...	HOURS LINE-MACH	ST-LOT
9	010		00	CCA/BLACK BOX ASSY AREA STAKE BOLT HEADS @ CCA	0.0000	0.0000	0.0000	

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

ACHSV 0181: GTC PO# 31403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START- 06/20/05 1:10 PM STOP- 3:10 PM

DATE	QTY	REMARKS	STATUS
06/20/05	1		Byp (1288)

lin	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN...	HOURS LINE-MACH	ST-LOT
10	010		00	CCA/BLACK BOX ASSY AREA STAKE 02 HARDWARE	0.0000	0.0000	0.0000	

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

ACHSV 0181: GTC PO# 31403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START 06/20/05 1:10 PM STOP- 3:10 PM

DATE	QTY	REMARKS	STATUS
06/20/05			Byp (1288)

lin	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN...	HOURS LINE-MACH	ST-LOT
11			00	CCA/BLACK BOX ASSY AREA STAKE 02 CABLE TIES	0.0000	0.0000	0.0000	

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

ACHSV 0181: GTC PO# 31403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START- 06/20/05 1:10 PM STOP- 3:10 PM

DATE	QTY	REMARKS	STATUS
06/20/05			Byp (1288)

WORK CELL: 1-BIG RUNNER CUSTOMER: GLAC

PRODUCTION WORK ORDER TRAVELLER - NEW

PAGE 5

ALT/P/N# LAT DS-01492
ASSY, GLAST, DAQ, TPS

WO# 113217
REQ DATE 05-06-05
REL.DATE 04-20-05
SO# P17300
PO# CCC0048800

CUST P#
QTY 1
PROJECT# P17300
CUST# 16356

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN...	HOURS LINE-MACH	HOURS ST/LOT
12	210		00	COA/BLACK BOX ASSY AREA STAKE 01 HARDWARE		0.0000	0.0000	0.0000

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

ADHSV 0191, GCC PO# 31403 EXPIRATION DATE 01/31/07

CURR DATE/TIME: START- 06/20/05 1:10PM STOP- 3:10 PM

DATE....	QTY	REMARKS.....	STATUS
06/20/05			Byp (1288)

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN...	HOURS LINE-MACH	HOURS ST/LOT
13	210		00	COA/BLACK BOX ASSY AREA MARKING (SN LASER)		0.0000	0.0000	1.0000

- PROCESS ASSY PER CAA STEP 13.

DATE....	QTY..	REMARKS.....	STATUS
06/20/05			Byp (1288)

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN...	HOURS LINE-MACH	HOURS ST/LOT
14	21		00	QUALITY ASSURANCE AREA DFE: SLDR-0 ASSY-087		0.0000	0.0000	0.0000

PROCESS ASSY PER CAA STEP 14.

JAD DEFECT REPORT NO. IF APPLICABLE: _____

DATE....	QTY..	REMARKS.....	STATUS
6/20/05	1		

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN...	HOURS LINE-MACH	HOURS ST/LOT
15	260		00	SOURCE INSPECTION EXAMINE ASSY PRE-CLOSE		0.0000	0.0000	1.0000

- PROCESS ASSY PER CAA STEP 15

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE....	QTY..	REMARKS.....	STATUS
6.20.05	1	GLAT 1825	GLAT JD 94

WORK CELL: 1-BIG RUNNER CUSTOMER: SLAC

TYPE: PRODUCTION WORK ORDER TRAVELER - NEW

PAGE 6

ASSY/PN# LAT-DS-01452
ASSY, GLAST, DAQ, TPS

WO# 113217
REQ DATE 05-06-05
REL.DATE 04-20-05
SO# F17300
PO# 0000048800

CUST P#
QTY 1
PROJECT# F17300
CUST# 10355

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
16	210		00	CCA/BLACK BOX ASSY AREA INSTALL ESD	0.0000	0.0000		0.0000

* PROCESS ASSY PER CAA STEP 16.

DATE	QTY.	REMARKS	STATUS
06/20/05	1		BUP (1288)

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
17	210		00	CCA/BLACK BOX ASSY AREA TORQUE FASTENERS.	0.0000	0.0000		0.0000

* PROCESS ASSY PER CAA STEP 17.

** 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
06/20/05	1		BUP (1288)
6-20-05	1	WITNESS TORQUE	LAT 20 04

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
	100		00	QUALITY ASSURANCE AREA CFE: SLOR-0 ASSY-44	0.0000	0.0000		0.0000

* PROCESS ASSY PER CAA STEP 18.

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY.	REMARKS	STATUS
6/20/05	1		

WORK CELL: 1-BIG RUNNER   CUSTOMER: SLAC

PRODUCTION   WORK ORDER TRAVELLER - NEW

PAGE 7

ASSY/PN# LAT-DS-01482
ASSY, GLAST, DAQ, TPR

WO# 113217
REQ DATE 05-06-05
REL DATE 04-20-05
SO# F17300
PO# 0000048900

CUST P#
QTY 1
PROJECT# F17300
CUST# 15356

LI#	DEPT	MACH#	OP#	DESCRIPTION	SET-UP	RUN	LINE-MACH	ST-LOT
19	210		00	CCA/BLACK BOX ASSY AREA STAKE BOLT HEADS	0.0000	0.0000		0.0000

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

ADHSV 0151:   GTC PO# 31403   EXPIRATION DATE 01/31/07

CURE DATE/TIME: START- 06/20/05 1:10 PM   STOP- 3:10 PM

DATE	QTY	REMARKS	STATUS
06/20/05	1		BLP (1288)

LI#	DEPT	MACH#	OP#	DESCRIPTION	SET-UP	RUN	LINE-MACH	ST-LOT
20	250		00	QUALITY ASSURANCE AREA CFE: SLVR-0 ASSY-40	0.0000	0.0000		0.0000

* PROCESS ASSY PER CAA STEP 20.

RECORD DEFECT REPORT NO. IF APPLICABLE: ______

DATE	QTY	REMARKS	STATUS
6/21/05			GTO 16 QA

LI#	DEPT	MACH#	OP#	DESCRIPTION	SET-UP	RUN	LINE-MACH	ST-LOT
21	260		00	SOURCE INSPECTION CUSTOMER SOURCE INSP	0.0000	0.0000		0.0000

* PROCESS ASSY PER CAA STEP 21.

RECORD DEFECT REPORT NO. IF APPLICABLE: ______

DATE	QTY	REMARKS	STATUS
6.21.05	1	GLA1825	LAT 10 QA

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

CREATED BY:	FOR ASSY REV.	DATE:
KITKIN	55	042505

ASSY REV	CHG BY	CHG DATE	CHANGE DETAIL
55	GLA	042505	RELEASED AT REV 55, AND CAA AT REV -.

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

WORK ORDER : 113017 (NEW) WORK ORDER PICK LIST PAGE: 1

WORK #: LAC-DS-11482 BY LINE ITEM EFFECTIVITY DATE: 05-23-08
QUANTITY: 1 RELEASE DATE: 09-20-07
LOCATION: Wo1 DATE PRINTED: 09-27-07

DATE PULLED: _____ PULLED BY: _____

Line	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS: REQUIRED QUANTITY	CURR STATUS STAT	QUANTITY	RSRV IN WOC #	INVLOC	LOT NUMBER	INVENTORY DETAIL: LOT QUANTITY	LOT DATE LOT EXPR	INVLOC	BIN QUANTITY
1	LAT-DS-00994 BASE BOX, IPS ORIGINAL QUANTITY	EA	1.00 1.00	RSVD	1.00	101225	SKCF2 FN-1	101225 PULLED	14.00	09-30-07	RIAC	1
2	LAT-DS-00996 BIG BOX, IPS ORIGINAL QUANTITY	EA	1.00 1.00	RSVD	1.00	101224	SKCF2 FN-2	101224 PULLED	14.00	09-30-07	RIAC	1
3	LAT-DS-01198 PCA CHART, IPS ORIGINAL QUANTITY	EA	1.00 1.00	BO	1.00		SKCF2 FN-3	PULLED				0
4	MAS1504C4-4 SCREW ORIGINAL QUANTITY	EA	30.00 30.00	RSVD	30.00	110010	SKCF2 FN-4	119010 (WAS FN-5, 26 EA PULLED) 1264x4 (WAS 26 EA PULLED)	30.00	05-07-04	LOC 119 101.00 04-10-06 IN ASSY	30
5	MAS600T4 WASHER,FLAT,SS, 1167TH..3 ORIGINAL QUANTITY	EA	32.00 32.00	BO	32.00		SKCF2 FN-5	(WAS FN-6, 30 EA. PULLED)				0
6	MAS1350N04-4 SCREW ORIGINAL QUANTITY	EA	20.00 20.00	RSVD	20.00	110010	SKCF2 FN-6	119010 (WAS FN-8, 22 EA. PULLED) 110310 FN-6 (WAS FN-8, 22 EA. PULLED)	20.00	09-27-04	PITTSB 64.00 10-14-04 IN ASSY	20
7	9191 ADHESIVE, HYSOL 400 KIT ORIGINAL QUANTITY	OZ	1.00 1.00	BO	1.00		SKCF2 FN-7	(WAS FN-7 PULLED)				0
	9191 ADHESIVE, HYSOL 400 KIT ORIGINAL QUANTITY	OZ	1.00 1.00	BO	1.00		SKCF2 FN-8	(WAS FN-11 PULLED)				0
	1-BP6 FLEXIBLE LOCKING PANDUIT ORIGINAL QUANTITY	EA	9.00 9.00	BO	9.00		SKCF2 FN-9	(WAS FN-14 PULLED)				0
	MS21947L3 WIRE,BELT-LOCKING,#10SS ORIGINAL QUANTITY	EA	4.00 4.00	BO	4.00		SKCF2 FN-10	PULLED				0
10	[illegible] ADHESIVE ORIGINAL QUANTITY	OZ	1.00 1.00	BO	1.00		SKCF2 FN-11	(WAS FN-12 PULLED)				0
11	LAT-DS-00836 LABEL, ID ORIGINAL QUANTITY	EA	1.00 1.00	BO	1.00		SKCF2 FN-12	PULLED				0

(NEW)

WORK ORDER PICK LIST

WORK ORDER : 113017

PAGE 1

BILL # 1ATMDS-012402
ENTITY 1
A LOCATION: WO3

BY LINE ITEM

EFFECTIVITY DATE: 05-03-05
RELEASE DATE 04-20-05
DATE PRINTED 05.17.05

DATE PULLED: _____ PULLED BY: _____

	REQUIREMENTS					INVTORY DETAIL			
LI#	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS STAT	ASSY IN QUANTITY	LOT #	INVLOC NUMBER	LOC QUANTITY	LOT DATE LOT LIFE	BIN BINLOC QUANTITY
10	8701.98-0440 CAT:0987, M:F,440X 195.31 ORIGINAL QUANTITY	EA	2.00	RO	2.00		SKOTS #N-10			
			2.00				PULLED:	2.00		

WORK CELL: 6-MIXED CUSTOMER: SLAC

T.C. STATION WORK ORDER TRAVELLER - NEW

WO# 112070 PAGE 1
PRO DATE 02-10-05 CUST P#
REV DATE 10-01-04 QTY 1
S.O.# PROJECT# F17110
P.O# 0000048800 COST# 18300

P/N# LAT-DS-02386
DCA: GLAST, TPA

SERIAL NUMBER

GTI17 GLAST1787

APPROVAL:
PROD KH 2/10/05
QA [illegible] 2-10-05

WORKMANSHIP:
IPC/EIA-J-STD-001C CLASS 3: WITH "CS" SPACE SUPPLEMENT

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

rglh 02.07.05

ITM	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN...	HOURS LINE-MACH	STATUS
1.000	03		CONFIG	CONFIG RECORD/KITTING	0.0000	0.0000	0.0000	

CONFIGURATION DOCUMENTS

	DOCUMENT NUMBER	REV ID/#)	OUTSTANDING ED's
ASSY DWG:	LAT-DS-02386	50	NONE
BOM #:	LAT-TD-02391	50	NONE
COST SCH:	LAT-PS-01078	03	NONE
ESS REQ:	N/A		
ASSY AID:	LAT-DS-02388	-	(RELEASED PER EC 2292)

CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)

BUILD DOCUMENTS

USE... WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS.

* REV'D)/PREP'D BY GH (DATE/DATE: 02.07.05 *

DATE	QTY	REMARKS	STATUS
2-10-05			

ITM	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN...	HOURS LINE-MACH	STATUS
2.001	03		STOCK	STOCKROOM/KITTING AREA KIT PARTS	0.0000	0.0000	0.0000	

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

DATE	QTY	REMARKS	STATUS
2/12/05	1		

ESD SENSITIVE

WORK CELL: 4-MIXED CUSTOMER: SLAC

T: PRODUCTION WORK ORDER TRAVELLER - NEW

PAGE 2

WO# 112070
REQ DATE 02-10-05
REL.DATE 12-01-04
SO#
PO# 0000068800
CUST P#
QTY 1
PROJECT# 717300
CUST# 16966

Lic#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN...	HOURS LINE-MACH	HOURS ST-LOT
3	210		00	CCA/BLACK BOX ASSY AREA MARK SIC SN	0.0000	0.0000	0.0000	

• PROCESS PER CAA STEP 3.

DATE	QTY	REMARKS	STATUS
2/4/05	1		RF 1856

Lic#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
4	210		00	SMT ASSY LINE PRE-SMT BAKEOUT	0.0000	0.0000	0.0000	

• PROCESS PER CAA STEP 4.

RECORD BAKE DATE-TIME START/STOP BELOW:

BAKE DATE: 2-11-05 START: 10:00A STOP: 12 PM

DATE	QTY	REMARKS	STATUS
2-11-05	1		RF

Lic#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
5	210		00	SMT ASSY LINE STENCIL BOTTOM SIDE	0.0000	0.0000	0.0000	

• PROCESS PER CAA STEP 5.

• RECORD SOLDER PASTE DATA BELOW:

STC PO# 21736 EXPIRATION DATE 7-14-05

DATE	QTY	REMARKS	STATUS
2/10/05	1		RF 1856

Lic#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
6	210		00	SMT ASSY LINE PICK-N-PLACE PARTS	0.0000	0.0000	0.0000	

• PROCESS PER CAA STEP 6.

DATE	QTY	REMARKS	STATUS
2-11-05	1		RF

C01 = .0073
C02 = .0079
C11 = .0075
C10 = .0077
C12 = .0071
C57 = .0077
C122 = .0075

Solder Paste Data Taken Same

Sum = .0606
Avg = .0075
Range = .0008

Measurements taken
By: MR 1866
2/11/05

WORK CELL: 4-MIXED CUSTOMER: SIAC

PRODUCTION WORK ORDER TRAVELLER - NEW

ASSY/PN# LAT-DS-02388 WO# 112070 PAGE 3
CUR. MAST: 005 REQ DATE 02-10-05 CUST P#
SEL.DATE 12-01-04 QTY 1
SO# PROJECT# P17100
PO# 0000048600 CUST# 15356

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
1	213		00	SMT ASSY LINE SOLDER REFLOW	0.0000	0.0000	0.0000	

* PROCESS PER CAA STEP 7.

DATE	QTY	REMARKS	STATUS
2/2/05	1		CF

3	213		00	SMT ASSY LINE AQUEOUS CLEAN	0.0000	0.0000	0.0000

* PROCESS PER CAA STEP 8

DATE	QTY	REMARKS	STATUS
2/7/05	1		CF

	290		00	QUALITY ASSURANCE AREA CPE: SLCR-1068 ASSY-1645	0.0000	0.0000	0.0000

* PROCESS PER CAA STEP 9.

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

DPR#(S)

DATE	QTY	REMARKS	STATUS
2/10/04	1		CF

	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:

USE BY: 2/8/04 EXPIRATION DATE: 05/01/05

DATE	QTY	REMARKS	STATUS
2/4/04	1		CF

WORK CELL: 4-MIXED CUSTOMER: SLAC

*T: PRODUCTION WORK ORDER TRAVELLER - NEW

WO# 112070
REQ DATE 02-10-05 CUST P#
REL.DATE 10-01-04 QTY 1
SO# PROTOTYPE# F17303
POP 0100048800 CUST# 18356

11#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
11	210		00	SMT ASSY LINE PICK-N-PLACE	0.0000	0.0000		0.0000

* PROCESS PER CAA STEP 11.

DATE	QTY	REMARKS	STATUS
2/28/05	1	TR	JF

12	210		00	SMT ASSY LINE SOLDER REFLOW	0.0000	0.0000		0.0000

* PROCESS PER CAA STEP 12.

DATE	QTY	REMARKS	STATUS
2/28/05	1		JF

210		00	SMT ASSY LINE AQUEOUS CLEAN	0.0000	0.0000		0.0000

* PROCESS PER CAA STEP 13.

DATE	QTY	REMARKS	STATUS
2/28/05	1		JF

14	080		00	QUALITY ASSURANCE AREA OPR: SLDR-1422 ASSY:784	0.0000	0.0000		0.0000

* PROCESS PER CAA STEP 14.

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

DDR#(S): 39636

DATE	QTY	REMARKS	STATUS
3/4/05	1		

03/12/05 Installed CR2 from previous page. Byp 03/12/05
03/12/05 Installed shortage of D and D600, PTC 1298 Byp 03/12/05

3/12/05

WORK CELL 4-MIXED CUSTOMER: SLAC

PRODUCTION WORK ORDER TRAVELLER NEW

WO# 112070 PAGE 5
.../PN# LAT-DS-02389 REQ DATE 03-10-05 CUST P#
QTY: SLAC, TPS REL DATE 12-01-04 QTY 1
SO# PROJECT# F17300
PO# 0000048800 CUST# 15366

Li#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS SC-DOT
10	210		00	SCR/BLACK BOX ASSY AREA DIN THRU-HOLE PARTS	0.0000	0.0000		0.0000

* PROCESS PER CAA STEP 10.

** SPECIAL IN-PROCESS QA EXAMINATION OF IC LEAD PREP AND SHORT WIRE PREP.

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

DRR#'S: _____

DATE	QTY	REMARKS	STATUS
3/15/05	1	Formed	MV
3/15/05		Terminal leads	MV

03/15/05 stripped wires (35) MV
03/15/05 inspected Shipping wires (35)
03/15/05 tinned wires (35) MV
03/15/05 insp of tinned wires

Li#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS SC-DOT
20	210		00	QA/BLACK BOX ASSY AREA MECH ASSY - HTSNKS/VRS	0.0000	0.0000		0.0000

* PROCESS PER CAA STEP 16.

ADHESIVE DATA BELOW:

31450 EXPIRATION DATE 05/17/05

TORQUE WRENCH TOOL# USED, AND CAL DUE DATE, BELOW.

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

DATE	QTY	REMARKS	STATUS
04/04/05	1	Installed Heatsinks (GTC 1238)	Buy
04/05/05	1	Installed VRS (GTC-A-974) (GTC 1284)	Buy

Li#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS SC-DOT
30	210		00	BLACK BOX ASSY AREA MATE VRS	0.0000	0.0000		0.0000

CAA STEP 17.

DATE	QTY	REMARKS	STATUS
03/22/05	5	stripped wires	MV
03/28/05	5	Tinned wires	MV (GTC 982)
04/13/05	1	Installed wires on VRS MD	

← Special in-process QA Examination of Lead Prep & Short Wires

ME 4-7-05
Hooked wires to VRS (GTC 1284) 5/6/05

WORK CELL: 4-MIXED CUSTOMER: SLAC

PRODUCTION WORK ORDER TRAVELLER - NEW

ASSY/PN# LAT-DS-00388
CCA, GLAST, TPS

WO# 112070 PAGE 6
REQ DATE 02-10-05 CUST P#
REL DATE 12-01-04 QTY
GC# PROJECT# P17310
PO# 0000048900 CUST# 19359

Di#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
18	210		00	CCA/BLACK BOX ASSY AREA INSTALL/SOLDER R1, R2	0.0000	0.0000	0.0000	

* PROCESS PER CAA STEP 18.

moved to install + solder to Step 26. ME 4.7-05

DATE	QTY	REMARKS	STATUS

Di#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
19	210		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
04/6/05	1	Installed wires	Byp

Di#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
20			00	QUALITY ASSURANCE AREA DFE: SLDR-70 ASSY-41	0.0000	0.0000	0.0000	

* PROCESS PER CAA STEP 20.

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

DRR#(S) _____

DATE	QTY	REMARKS	STATUS
4/12/05	1		

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

LOT NO# 3/4/50 EXPIRATION DATE 05/17/05

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

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

DATE	QTY	REMARKS	STATUS
04/13/05	1		Byp

WORK CELL: 4-MIXED CUSTOMER: BLAC

: PRODUCTION WORK ORDER TRAVELLER - NEW

PAGE 1

ASSY/PN# LAT/DS-02388
CCA, BLAST, TPS

WO# 112070
REQ DATE 02-10-05
SPL.DATE 12-01-04
CO#
PO# 0000048600

CUST Z#
QTY 1
PROJECT# 717310
CUST# 19350

Lc#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
22	210		00	CCA/BLACK BOX ASSY AREA INSTALL/SOLDER WIRES-IOS	0.0000	0.0000	0.0000	

• PROCESS PER CAA STEP 22.

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

23	200		00	QUALITY ASSURANCE AREA OPR: SLDR-3S ASSY-2S	0.0000	0.0000	0.0000	

• PROCESS PER CAA STEP 23.

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

DRR#(S) _____

DATE	QTY	REMARKS	STATUS
4/14/05	1	117	

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

• PROCESS PER CAA STEP 24.

• RECORD ADHESIVE DATA BELOW:

STC PO# 31450 EXPIRATION DATE 05/17/05

DATE	QTY	REMARKS	STATUS
04/15/05	1	installed Q504 & Q604.	Buy

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
3/16/05	1	Prep caps	SC1587
04/16/05	1	Installed Caps	Buy

WORK CELL: 4-MIXED CUSTOMER: SLAC

- PRODUCTION WORK ORDER TRAVELLER - NEW

ASSY/PN# DAT-DS-02389
CCA, GLAST, TPR

WO# 112070 PAGE 6
REQ DATE 03-10-05 CUST P#
REL.DATE 03-01-04 QTY 1
SO# PROJECT# P17300
PO# 0000048500 CUST# 18156

ITE	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	LINE/MACH	ST-LOC
25 210			00	CCA/BLACK BOX ASSY AREA INSTALL/SOLDER P. P. T	0.0000	0.0000	0.0000	

• PROCESS PER CAA STEP 26. R1 + R2 ME 4-7-05

DATE	QTY	REMARKS	STATUS
04/18/05	1	installed parts. (ETC 1288)	Byp

ITE	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	LINE/MACH	ST-LOC
27 390			00	QUALITY ASSURANCE AREA OPS: SLDR-10 ASSY-38	0.0000	0.0000	0.0000	

• PROCESS PER CAA STEP 27.

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

DRR#(S):

DATE	QTY	REMARKS	STATUS
4/18/05	1		

ITE	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	LINE/MACH	ST-LOC
28 065			00	SPEA ICT SPEA TEST	0.0000	0.0000	0.0300	

• PROCESS PER CAA STEP 28.

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

TDRR#(S):

DATE	QTY	REMARKS	STATUS
4.18.05	1	GT117 MC	Pass

ITE	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	LINE/MACH	ST-LOC
29 210			00	CCA/BLACK BOX ASSY AREA INSTALL/SOLDER IP CABLE	0.0000	0.0000	0.0000	

SLDR I/P-ROW 1>CHECK> 04-18-05 MD.
SLDR I/P-ROW 2>CHECK> 04-18-05 MD.
SLDR I/P-ROW 3>CHECK> 04-18-05 MD
ME 4-7-05

• PROCESS PER CAA STEP 29.

DATE	QTY	REMARKS	STATUS
04/18/05	1	Soldered Row # 1	Byp
04/18/05	1	soldered Row # 2	Byp
04/18/05	1	soldered Row # 3. (ETC 1288)	Byp

WORK CELL ... CUSTOMER: SIAC

WORK ORDER TRAVELLER - NEW

WO# 112070 DATE 9
ASSY/PN# ...399 REQ DATE 02-10-05 COST T#
CUS: SIAC REL.DATE 12-01-04 QTY 1
SO# PROJECT# P17800
PO# 0000048800 COST# 15356

LI# OP	W# DESCRIPTION	HOURS SET-UP	HOURS RUN...	HOURS CYCLE-MACH	HOURS ST-LOT...
30 120	00 CCA/BLACK BOX ASSY AREA INSTALL/SOLDER O/P CABLE		0.0000	0.0000	0.0000

SLDR O/P-ROW 1>CHECK 4/19/05
SLDR O/P-ROW 2>CHECK 4/19/05
SLDR O/P-ROW 3>CHECK 4/19/05
SLDR O/P-ROW 4>CHECK 4/19/05

• PROCESS PER CAA STEP 30.

DATE....	QTY	REMARKS	STATUS
04/19/05	1	soldered Row #1.	BJF
04/19/05	1	soldered Row # 2.	BJF
04/19/05	1	soldered Row #3.	BJF
04/19/05	1	soldered Row #4	BJF

LI# OP	W# DESCRIPTION	HOURS SET-UP	HOURS RUN...	HOURS CYCLE-MACH	HOURS ST-LOT...
31 290	00 QUALITY ASSURANCE AREA CPE: SLDR-98 ASSY-107		0.0000	0.0000	0.0000

• PROCESS PER CAA STEP 31.

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

DRR#(S) _____

DATE....	QTY	REMARKS	STATUS
4/19/05	1		

LI# OP	W# DESCRIPTION	HOURS SET-UP	HOURS RUN...	HOURS CYCLE-MACH	HOURS ST-LOT...
32 310	00 CCA/BLACK BOX ASSY AREA HANDS CLEAN		0.0000	0.0000	0.0000

• PROCESS PER CAA STEP 32.

DATE....	QTY	REMARKS	STATUS
4/20/05	1	Washed	one 1331

05/06/05 filled starts of D505 & D605. BH CS/D

inspection of D505 + D605

5/4/

WORK CELL: 4-MIXED CUSTOMER: SLAC

PRODUCTION WORK ORDER TRAVELLER - NEW

WO# 110070 PAGE 10
Abel/P/N# IAT-DS-02388 REQ DATE 02-10-05 CUST P# .
CCA: GLAST, TEM REL DATE 12-01-04 QTY 5
SO# PROJECT# 717300
PO# 0000048800 CUST# 10390

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	ST-LOC
33	250		00	COATING/POTTING AREA POT WITH RTV - CABLE DC6-1104	0.0000	0.0000	0.0000	

• PROCESS PER CAA STEP 33.
RTV DC6-1104 GEC PO# 31695 EXPIRATION DATE ~~07/10/05~~ 07/10/05
SEE ADHESIVE 0191 APPLICATION FOR CURE DATA.

DATE	QTY	REMARKS	STATUS
05/12/05	1		Byp

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	ST-LOC
34	220		00	CCA/BLACK BOX ASSY AREA STAKE WITH RTV - VR2 DC6-1104	0.0000	0.0000	0.0000	

• PROCESS PER CAA STEP ~~34~~ 34 ME 3-14-05
ME 3-14-05 ~~KLEBSC CORRECT RECORD REPORT NUMBER(S) BELOW:~~
DC6-1104 RTV DC6-1104 PO# 31695 Exp Date ~~07/10/05~~ 07/10/05 ME 3-14-05

DATE	QTY	REMARKS	STATUS
05/12/05	1		Byp

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	ST-LOC
35	210		00	CCA/BLACK BOX ASSY AREA POTTING/STAKING TOS	0.0000	0.0000	0.0000	

• PROCESS CAA PER CAA STEP ~~35~~ 35 ME 3-14-05
RTV DC6-1104 ~~OVEN CURE DATE 10/7 31695 GEC~~ ~~START~~ ~~STOP~~ ME 3-14-05
~~OVEN CURE DATE~~ ~~START~~ ~~STOP~~

DATE	QTY	REMARKS	STATUS
05/12/05	1		Byp

WORK CE... 4-MIXED CUSTOMER: SLAC

PRODUCTION WORK ORDER TRAVELLER - NEW

WO# 112070 PAGE 12
AssY/P/N# IAT-DS-002989 REQ DATE 12-10-05 CUST P#
CCA: GLAST, TPS REL.DATE 12-01-05 QTY 1
SO# PROJECT# P17300
PO# 0000046800 CUST# 15356

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
39	210		00	CCA/BLACK BOX ASSY AREA STAKE INDUCTORS	0.0000	0.0000		0.0000

• PROCESS PER CAA STEP 39.

ADHESIVE 5191, GDC PO# 31403 EXPIRATION DATE 01/31/07
WORK DATE 05/16/05 START 8:30 AM STOP 10:30 AM

DATE	QTY	REMARKS	STATUS
05/16/05			BUF

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
40	210		00	CCA/BLACK BOX ASSY AREA STAKE CAPACITORS AND R22, R1 & R2	0.0000	0.0000		0.0000

JAG 4-28-05

• PROCESS PER CAA STEP 40.

ADHESIVE 5191, GDC PO# 31403 EXPIRATION DATE 01/31/07
WORK DATE 05/16/05 START 8:30 AM STOP 10:30 AM

DATE	QTY	REMARKS	STATUS
05/16/05	1		BUF

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
41	960			QUALITY ASSURANCE AREA PC SLDR-0 ASSY-87	0.0000	0.0000		0.0000

CAA STEP 41.

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

DR#(S):

DATE	QTY	REMARKS	STATUS
5/19/05	1		

WIRE CELL: 1-MIXED CUSTOMER: SLAC

TYPE: PRODUCTION WORK ORDER TRAVELLER - NEW

WO# 112070
REQ DATE 02-10-05
REL DATE 12-01-04
SO#
PO# 0000018800
CUST P#
QTY 1
PROJECT# F17800
CUST# 18356

CN# LAT-DS-02368
CLA. GLAST, TPS

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN...	HOURS LINE-MACH	ST-LOT.
42	200		00	SOURCE INSPECTION SLAC QAA INSPECTION - MIP	0.0000	0.0000	0.0000	

* PROCESS PER QAA STEP 42.
(SOW MANDATORY INSPECTION POINT - MIP)

DATE	QTY	REMARKS	STATUS
5-24-05	1	GLAT 1787	LAT TO QA

43	297		00	PACKAGING/SHIPPING INSP PACKAGE & SHIP COA PCA DIST & CUSTOMER.	0.0000	0.0000	0.0000	

* PROCESS PER QAA STEP 43.

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

44	290		00	QUALITY ASSURANCE AREA RECEIVING INSPECTION	0.0000	0.0000	0.0000	

* PROCESS PER QAA STEP 44.

** RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

DRR#(S) 32449

DATE	QTY	REMARKS	STATUS
6/9/05	1		SCT

45	210		00	SOURCE INSPECTION SLAC QAA PRE-COAT INSP. MANDATORY INSPECTION POINT (MIP) POINT)	0.0000	0.0000	0.0000	

* PROCESS PER QAA STEP 45.

DATE	QTY	REMARKS	STATUS
6/14/05	1	GLAT 1787	LAT TO QA

WORK CELL: 4-MIXED CUSTOMER: SLAC

TYPE: PRODUCTION WORK ORDER TRAVELLER - NEW

.../PN# LAT-09-02385
CCA: BLAST, CP9

WO# 112070
REQ DATE 02-10-05
REL.DATE 12-01-04
SO#
PO# 0000049900

CUST_PN
QTY 1
PROJECT# P17300
CUST# 19366

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	LINE-MACH	ST-LOT
46	220		00	CCA/BLACK BOX ASSY AREA HAND CLEAN AND TEST THE CLEANLINESS OF CCA. ATTACH RESULTS REPORT TO THE TRAVELER/WO.	0.0000	0.0000	0.0000	

* PROCESS CAA PER CAA STEP 46.

* ATTACH CLEANLINESS TEST RECORD TO WORK ORDER.

DATE	QTY	REMARKS	STATUS
6/15/05	1	Clean	Rev-2 C2
6/15/05	1	Cleanliness test	STE

47	25	00	QUALITY ASSURANCE AREA OPS- SLDR-0 ASSY-7	0.0000	0.0000	0.0000

* PROCESS PER CAA STEP 47.

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

DRR#(S)

DATE	QTY	REMARKS	STATUS
6/15/05	1		QA 6/15/05

48	25	00	COATING/POTTING AREA BAKE-OUT AND MASK	0.0000	0.0000	0.0100

* PROCESS CAA PER CAA STEP 48.

RECORD BAKE DATE;TIME START/STOP BELOW:

BAKE DATE: 6/15/05 START: 10:50 AM STOP: 12:15 PM PM

DATE	QTY	REMARKS	STATUS
6/15/05	1	MASK / BAKE	STE

WORK CELL: 4-MIXED CUSTOMER: SIAC

PRODUCTION WORK ORDER TRAVELLER - NEW

WO# 112070 PAGE 15
Assy/Rev# LAT.DS-002##
CUA: 01ACT: TPS
REQ DATE 06-10-05 CUST P#
REL.DATE 10-01-04 QTY 1
SO# PROJECT# P17300
DO# 0001045800 CUST# 18366

DI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
40	250		00	COATING/POTTING AREA CONFORMAL COATING	0.0000	0.0000		0.0000

• PROCESS CAA PER CAA STEP 40

CONFORMAL COATING PO# 31201 EXPIRATION DATE 6/30/05
AIR CURE DATE 6/15/05 START 1:50PM STOP 6/16/05 6:30 AM

DATE	QTY	REMARKS	STATUS
6/15/2005	1		Dm/1035

DI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
50	250		00	COATING/POTTING AREA OVEN CURE/TOUCHUP	0.0000	0.0000		0.0000

• PROCESS CAA PER CAA STEP 50

OVEN CURE DATE 6/16/05 START 6:30AM STOP 7:45 AM
OVEN CURE DATE 6/16/05 START 9:30AM STOP 10:30AM

DATE	QTY	REMARKS	STATUS
6/16/05	1		Dm/1035

DI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
91	291		00	QUALITY ASSURANCE AREA CPE SLDR-0 ASSY-7	0.0000	0.0000		0.0000

• PROCESS CAA PER CAA STEP 91.

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

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

DATE	QTY	REMARKS	STATUS
6/16/05	1		

WORK CELL: 4-MIXED CUSTOMER: SLAC

PRODUCTION WORK ORDER TRAVELLER - NEW

WO# 1:2070 PAGE 16

A.../PN# LAT-DS-02366 REQ DATE 02-10-05 CUST P#

CCA: GLAST. EFS REL DATE 12-01-04 QTY 1

ACT# PROJECT# P:17300

PO# 0000048800 CUST# 16356

LI#	DEPT	MACH#	OP#	DESCRIPTION	SET-UP	HOURS RUN...	LINE-MACH	ST/LOT
40	340		00	SOURCE INSPECTION CSI	0.0000	0.0000	0.0000	

* PROCESS CAA PER CAA STEP 02.

NOTE: NEXT ASSEMBLY IS LAT-03-01492.

DATE	QTY	REMARKS	STATUS
6.17.05	1		

LAT 10 QA

*SERIAL NUMBER ********** ******APPROVAL:***

PSCD: ____/____

QA: ____/____

*WORKMANSHIP:**********

IPC/EIA-J-STD-001C CLASS 3; WITH "CR" SPACE SUPPLEMENT

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

*QLK 02 06.05**********

(NEW)

WORK ORDER : 119070 — WORK ORDER PICK LIST — PAGE: 1

ASSEMBLY # : LAT-DS-02389 — BY LINE ITEM — EFFECTIVITY DATE: 02-10-05
QUANTITY : 1 — RELEASE DATE : 12-21-04
LOCATION: WO2 — DATE PRINTED : 02-11-05

.R PULLED: _____ PULLED BY: _____

Li#	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	STAT QUANTITY	RSV IN LOT #	INVLOC	LOT NUMBER	LOT QUANTITY	LOT DATE	LOT LIFE	BIN LOC	BIN QUANTITY
1	LAT-DS-02389 PWB, GLAST, TPS ORIGINAL QUANTITY...	EA	1.00 1.00				SK2 FN-D1	PULLED:	0.00				
				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 1.00	BO	1.00		SK2 FN-(D2	17 J2 PULLED:	0.00				
							SKCF2		0.00				
								PULLED					
3	LAT-DS-02445 HEAT SINK, TPS ORIGINAL QUANTITY...	EA	4.00 4.00				SK2 FN-D3	PULLED:	0.00				
				RSVD	4.00	115014	SKCF2	115014	48.00	06-23-07			
								PULLED:					
4	LAT-DS-02831-01 ASSY, CABLE, TPS D/P PWR ORIGINAL QUANTITY...	EA	1.00 1.00	BO	1.00		SK2 FN-(D4)	18 J1 PULLED:	0.00				
							SKCF2		0.00				
								PULLED:					
5	LAT-DS-03598 SUPPORT, CABLE HARNESS ORIGINAL QUANTITY...	EA	2.00 2.00				SK2 FN-D21	PULLED:	0.00				
				RSVD	2.00	120308	SKCF2	120308	23.00	09-11-07	IN STOCK		
								PULLED:					
								118020	14.00	09-27-06	F17300		
								PULLED:					
6	LAT-DS-05535 LABEL, SN ORIGINAL QUANTITY...	EA	1.00 1.00	BO	1.00		SK2 FN-D22	PULLED:	0.00				
							SKCF2		0.00				
								PULLED:					
7	NAS1149CN432R WASHER ORIGINAL QUANTITY...	EA	4.00 4.00				SK2 FN-D5	59293 PULLED:	8.00	07-31-01	A42		
				RSVD	4.00	115016	SKCF2	115016	136.00	09-27-06	LOT 116		
								PULLED:					
8	NAS671C6 NUT,#6,PM,PAT ORIGINAL QUANTITY...	EA	19.00 19.00	RSVD	19.00	122955	SK2 FN-6	122955 PULLED:	545.00	02-02-05			

(NEW)

WORK ORDER : 112070 — WORK ORDER PICK LIST — PAGE: 2

ASSEMBLY # : LAT-DS-02389 — BY LINE ITEM — EFFECTIVITY DATE: 02-10-05
QUANTITY : 1 — RELEASE DATE : 12-01-04
LOCATION: M02 — DATE PRINTED : 02-11-05

DATE PULLED: _____ PULLED BY: _____

Lit#	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STAT	STATUS QUANTITY	RSV IN LOT #	INVLOC	LOT NUMBER	LOT QUANTITY	LOT DATE	LOT LIFE	BIN LOC	BIN QUANTITY
8	NAS671C6 NUT,=6,SX,FAT Cont from prior page.	EA	19.00				FN-6	117403	57.00	11-04-04		D2H	
								PULLED:					
							FN-6	122960	910.00	02-02-05			
								PULLED:					
							FN-6	122986	500.00	02-03-05			
								PULLED:					
							FN-6	122987	503.00	02-02-05			
								PULLED:					
							SKCF2	66571	16.00	09-19-00		C73D	
								PULLED:					
								116770	423.00	10-28-04			
								PULLED:					
9	NAS1352N06-6 SCREW ORIGINAL QUANTITY..	EA	7.00 7.00				SK2 FN-D7		0.00				
								PULLED:					
				RSVD	7.00	115011	SKCF2	115011	120.00	09-27-04			
								PULLED:					
10	NAS1352N04-6 SCREW ORIGINAL QUANTITY...	EA	4.00 4.00				SK2 FN-D8		0.00				
								PULLED:					
				RSVD	4.00	114932	SKCF2	114932	524.00	09-23-04	LOT 115		
								PULLED:					
								115012	722.00	09-27-04	IN ASSY		
								PULLED:					
11	NAS1149CN632R WASHER ORIGINAL [illegible]	EA	19.00 19.00				SK2 FN-D9		0.00				
								PULLED:					
				RSVD	19.00	115010	SKCF2	115010	323.00	09-27-04			
								PULLED:					
12	NAS671C4 NUT, HEX,SS,PASS,4-40THRD ORIGINAL QUANTITY...	EA	4.00 4.00	RSVD	4.00	122091	SK2 FN-D10	122091	133.00	01-20-05	NW7		
								PULLED:					
							FN-D10	122142	04.00	01-20-05			
								PULLED:					
							FN-D10	122181	050.00	01-21-05			
								PULLED:					
							FN-D10	123196	2000.00	02-04-05			
								PULLED:					
							FN-D10	123384	020.00	02-07-05			
								PULLED:					

(NEW)

WORK ORDER : 112070 WORK ORDER PICK LIST PAGE: 3

ASSEMBLY # : LAT-DS-02388 BY LINE ITEM EFFECTIVITY DATE: 02-10-05
QUANTITY : 1 RELEASE DATE : 12-01-04
LOCATION: WO2 DATE PRINTED : 02-11-05

DATE PULLED: _____ PULLED BY: _____

Lit#	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STAT	STATUS QUANTITY	RESV IN LOT #	INVLOC	LOT NUMBER	LOT QUANTITY	LOT DATE	LOT LIFE	BIN/LOC	BIN QUANTITY
12	NAS671C4 NUT HEX SS PASS.4 40THRD Cont from prior page	EA	4.00				FN-D10	123397	610.00	02-07-05			
								PULLED:					
							IN-D10	123512	82.00	02-07-05			
								PULLED:					
							FN-D10	123521	195.00	02-07-05			
								PULLED:					
							FN-D10	123532	160.00	02-07-05			
								PULLED:					
							FN-D10	123691	700.00	02-07-05			
								PULLED:					
							SKCF2	119709	31.00	09-27-04	LOT 119		
								PULLED:					
13	CV-2946 RTV,MUSIL TECH ORIGINAL QUANTITY	OZ	1.00 BO 1.00		1.00		SK2 FN-D11		0.00				
								PULLED:					
							SKCF2		0.00				
								PULLED:					
14	0151 ADHESIVE; HYSOL,4OZ KIT ORIGINAL QUANTITY...	OZ	1.00 BO 1.00		1.00		SK2 FN-D12		0.00				
								PULLED:					
							SKCF2		0.00				
								PULLED:					
15	PLT1M-C76 TIE,CABLE,LOCKING,PANDUIT ORIGINAL QUANTITY...	EA	5.00 BO 5.00		5.00		SK2 FN-D15		5.00				
								PULLED:					
							SKCF2		0.00				
								PULLED:					
16	5750 CONFORMAL COATING URETHANE ORIGINAL QUANTITY...	OZ	1.00 BO 1.00		1.00		SK2 FN-D17		0.00				
								PULLED:					
							SKCF2		0.00				
								PULLED:					
17	EC6-1154 ADHESIVE ORIGINAL QUANTITY...	OZ	1.00 BO 1.00		1.00		SK2 FN-D18		0.00				
								PULLED:					
							SKCF2		0.00				
								PULLED:					
18	M22759/11-24-9 WIRE, 24AWG, WHITE ORIGINAL QUANTITY	IN	1.00 RSVD 1.00		1.00	46190	SK2 FN-D19	46190 (FOR TERMINATING VR5	1250.00	09-14-10	Shd 84		
								PULLED:					

1529(9

(NEW)

WORK ORDER : 111079 — WORK ORDER PICK LIST — PAGE: 4

ASSEMBLY # : LAC-DS-02308 — BY LINE ITEM — EFFECTIVITY DATE: 12-10-05
QUANTITY : 1 — RELEASE DATE : 12-01-05
LOCATION: WO2 — DATE PRINTED : 02-11-05

DATE PULLED: _____ PULLED BY: _____

Li#	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS	STAT QUANTITY	RSV IN LOT #	INVLOC NUMBER	LOT	LOT QUANTITY	LOT DATE	LOT LIFE	BIN/LOC	BIN QUANTITY
	WIRE, 24AWG, WHITE	IN					SKCF2	115299	17716.00	10-01-04	1071152		
	Cont from prior page.							PULLED:					
19	LAC-DS-04101 HEATSINK	EA	2.00				SK2 FN-D20		0.00				
	ORIGINAL QUANTITY..		2.00					PULLED:					
				RSVD	2.00	120304	SKCF2	120304	[illegible]	09-11-07			
								PULLED:					
20	ARF461 IC,FILTER	EA	1.00				SK2 FN-34 VR5		0.00				
	ORIGINAL QUANTITY...		1.00					PULLED:					
				RSVD	1.00	114959	SKCF2	114959	17.00	09-27-04			
								PULLED:					
21	MAX724ECK IC	EA	7.00				SK2 FN-36 U6 U7 U8 U10 U15 U17 U18		0.00				
	ORIGINAL QUANTITY...		7.00					PULLED:					
				RSVD	7.00	114961	SKCF2	114961	[illegible]	09-27-04			
								PULLED:					
22	5962R9663501VXC IC	EA	5.00				SK2 FN-35 U20 U559 U560 U659 U660		0.00				
	ORIGINAL QUANTITY...		5.00					PULLED:					
				RSVD	5.00	120301	SKCF2	120301	85.00	12-14-04	DRY-10		
								PULLED:					
23	88R1040GTXV DIODE	EA	7.00				SK2 FN-19 D1 D2 D3 D4 D8 D19 D20		0.00				
	ORIGINAL QUANTITY...		7.00					PULLED:					
				RSVD	7.00	114948	SKCF2	114948	217.00	09-27-04			
								PULLED:					
24	JANTXV1N4103UR-1 DIODE	EA	8.00				SK2 FN-20 D502 D503 D509 D599 D602 D603 D609 D698		0.00				
	ORIGINAL QUANTITY.		8.00					PULLED:					
				RSVD	8.00	114949	SKCF2	114949	224.00	09-27-04			
								PULLED:					
25	JANTXV1N5811US DIODE 1N5811US	EA	8.00				SK2 FN-21 D501 D504 D507 D508 D601 D604 D607 D608		0.00				
	ORIGINAL QUANTITY		8.00					PULLED:					
				RSVD	8.00	114950	SKCF2	114950	126.00	09-27-04			
								PULLED:					
26	JANTXV1N6487US DIODE	EA	6.00				SK2 FN-23 CR1 CR2 CR4 CR6 CR8 CR9		0.00				
	ORIGINAL QUANTITY...		6.00					PULLED:					

(NEW)

WORK ORDER : 112070 — WORK ORDER PICK LIST — PAGE: 5

ASSY # : IAI-DS-02388 — BY LINE ITEM — EFFECTIVITY DATE: 02-10-05
QUANTITY : 1 — RELEASE DATE : 02-01-04
LOCATION: W02 — DATE PRINTED : 02-11-05

DATE PULLED: _____ PULLED BY: _____

Ln#	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STAT	STATUS QUANTITY	RSV IN LOT #	LOT INVLOC	LOT NUMBER	INVENTORY DETAIL LOT QUANTITY	LOT DATE LOT BIN	BIN LOC QUANTITY
	DIODE	EA		RSVD	6.00	114952	SKCF2	114952	148.00	09-27-04	
	Cont from prior page.							PULLED:			
27	JANTXV1N6106UR-1 DIODE	EA	4.00				SK2		0.00		
	ORIGINAL QUANTITY...		4.00				FN-24	CR6 D30 D505 D605 PULLED:			
				RSVD	4.00	114953	SKCF2	114953	6[illegible]	09-27-04	
								PULLED:			
28	JANTXV1N4494US DIODE	EA	1.00				SK2		0.00		
	ORIGINAL QUANTITY...		1.00				FN-26	D600 PULLED:			
				RSVD	1.00	114955	SKCF2	114955	14100	09-27-04	
								PULLED:			
29	JANTXV1N6485US DIODE	EA	1.00				SK2		0.00		
	ORIGINAL QUANTITY...		1.00				FN-22	CR2 PULLED:			
				RSVD	1.00	114951	SKCF2	114951	11[illegible]	09-27-04	
								PULLED:			
30	JANTXV2N3439 TRANSISTOR	EA	4.00				SK2		0.00		
	ORIGINAL QUANTITY...		4.00				FN-81	Q304 Q550 Q64 Q650 PULLED:			
				RSVD	4.00	115006	SKCF2	115006	42.00	09-27-04	
								PULLED:			
31	5962R9582602VXC IC	EA	6.00				SK2		0.00		
	ORIGINAL QUANTITY...		6.00				FN-38	U1 U2 U21 U22 U561 U661 PULLED:			
				RSVD	6.00	120302	SKCF2	120302	108.00	12-16-04	DRY-10
								PULLED:			
32	CDR32BX103BKUS CAP 0.01UF 100V 10%	EA	22.00				SK2		0.00		
	ORIGINAL QUANTITY...		22.00				FN-4	C1 C5 C9 C31 C33 C35 C37 C54 C62 C66 C73 C76 C110 C114 C115 C165 C506 C596 C598 C608 C696 C698 PULLED:			
				RSVD	22.00	114937	SKCF2	114937	3[illegible]0	09-27-04	
								PULLED:			
33	CWR19AC106KCB CAPACITOR	EA	4.00				SK2		0.00		
	ORIGINAL QUANTITY...		4.00				FN-6	C590 C597 C690 C697 PULLED:			
				RSVD	4.00	114939	SKCF2	114939	148.00	09-27-04	
								PULLED:			
34	M39006/22-0567H CAPACITOR	EA	30.00				SK2		0.00		
	ORIGINAL QUANTITY..		30.00				FN-8	C2 C3 C4 C13 C14 C39 C40 C85 C86 C137 C138 C139 C140 C141 C142 C143 C144 C145 C146 C147 C148 C149 C150 C501 C502 C503 PULLED:			

(NEW)

WORK ORDER . 112070 — WORK ORDER PICK LIST — PAGE: 6

ASSY # : IAT-DS-02388 — BY LINE ITEM — EFFECTIVITY DATE: 02-11-05
QUANTITY : 1 — RELEASE DATE : 12-01-04
LOCATION: WO2 — DATE PRINTED : 09-11-05

DATE PULLED: _____ PULLED BY: _____

LI#	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STAT	STATUS QUANTITY	RSV'N LOT #	INVLOC	LOT NUMBER	LOT QUANTITY	LOT LIFE	LOT DATE	BIN QUANTITY
		EA		RSVD	30.00	114941	SKCF2	114941	490.00		09-27-04	
	CAPACITOR							PULLED:				
	Cont from prior page.											
35	1210B563K251VNXM CAPACITOR	EA	12.00				SK2		0.00			
							FN-13	C501 C508 C510 C511 C514 C540 C601 C608 C610 C611 C614 C640				
	ORIGINAL QUANTITY...		12.00					PULLED:				
				RSVD	12.00	114802	SKCF2	114802	832.00		09-23-04	
								PULLED:				
36	RXE065 FUSE	EA	2.00				SK2		0.00			
							FN-32	F2 F3				
	ORIGINAL QUANTITY...		2.00					PULLED:				
				RSVD	2.00	114957	SKCF2	114957	46.00		09-27-04	
								PULLED:				
37	5962L8771002VXA IC	EA	2.00				SK2		0.00			
							FN-37	U504 U604				
	ORIGINAL QUANTITY...		2.00					PULLED:				
				RSVD	2.00	114962	SKCF2	114962	49.00		09-27-04	
								PULLED:				
38	32786-31 INDUCTOR	EA	12.00				SK2		0.00			
							FN-39	L1 L2 L3 L4 L5 L6 L7 L10 L11 L12 L13 L14				
	ORIGINAL QUANTITY...		12.00					PULLED:				
				RSVD	12.00	114964	SKCF2	114964	216.00		09-27-04	
								PULLED:				
39	32763-31 INDUCTOR	EA	2.00				SK2		0.00			
							FN-40	L501 L601				
	ORIGINAL QUANTITY...		2.00					PULLED:				
				RSVD	2.00	114965	SKCF2	114965	195.00		09-27-04	
								PULLED:				
40	IRHNJ597034 TRANSISTOR	EA	3.00				SK2		0.00			
							FN-41	Q10 Q11 Q12				
	ORIGINAL QUANTITY...		3.00					PULLED:				
				RSVD	3.00	114966	SKCF2	114966	87.00		09-27-04	
								PULLED:				
41	A1709GPX100 THICK FILM JUMPER	EA	15.00				SK2		0.00			
							FN-10	R33 R34 R117 R516 R526 R616 R645 R525 R530 R569 R572 R599 RR100 RR101 RR102				
	ORIGINAL QUANTITY ..		15.00					PULLED:				
				RSVD	15.00	114817	SKCF2	114817	1828.00		09-23-04	
								PULLED:				
								114967	780.00		09-27-04	
								PULLED:				

(NEW)

WORK ORDER : 112070 — WORK ORDER PICK LIST — PAGE: 7

KELV # : LAC DS-12388 — BY LINE ITEM — EFFECTIVITY DATE: 03-10-05
UANTITY : — RELEASE DATE : 10-01-04
LOCATION: WO2 — DATE PRINTED : 02-11-05

DATE PULLED: _____ PULLED BY: _____

Lin	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STAT	STATUS QUANTITY	RESV IN LOT #	LOT INVLOC	LOT NUMBER	LOT QUANTITY	LOT DATE	LOT DATE BINLOC	PIN QUANTITY
42	M55342K09B1F00R RESISTOR ORIGINAL QUANTITY...	EA	2.00 2.00				SK2 FN-44 R580 R660 PULLED:		0.00			
				RSVD	2.00	114828	SKCF2	114828	44.00	09-23-04		
								PULLED:				
								114969	929.00	09-27-04		
								PULLED:				
43	M55342K06B1E21R RESISTOR ORIGINAL QUANTITY	EA	3.00 3.00				SK2 FN-46 R5 R8 R21 PULLED:		0.00			
				RSVD	3.00	114971	SKCF2	114971	148.00	09-27-04		
								PULLED:				
44	M55342K06B1E37R RESISTOR ORIGINAL QUANTITY...	EA	4.00 4.00				SK2 FN-47 R25 R28 R51 R52 PULLED:		0.00			
				RSVD	4.00	114972	SKCF2	114972	101.00	09-27-04		
								PULLED:				
45	M55342K16B50CR RESISTOR,CHIP, 100W,1K OH ORIGINAL QUANTITY.	EA	6.00 6.00	RSVD	6.00	91633	SK2 FN-48 R17 R41 R48 R83 R552 R692 PULLED:	91633	126.00	09-30-03	SGG	
							SKCF2	114818	1235.00	09-23-04		
								PULLED:				
								114976	178.00	09-27-04		
								PULLED:				
46	M55342K06B1F00R RESISTOR,CHIP,100W,1M OHM ORIGINAL QUANTITY...	EA	6.00 6.00				SK2 FN-49 R506 R515 R556 R606 R615 R656 PULLED:		0.00			
				RSVD	6.00	114819	SKCF2	114819	630.00	09-23-04		
								PULLED				
								114977	217.00	09-27-04		
								PULLED:				
47	M55342K09B2E00R RES,CHIP,2.00K,1%,.72W ORIGINAL QUANTITY...	EA	1.00 1.00				SK2 FN-50 R230 PULLED:		0.00			
				RSVD	1.00	115091	SKCF2	115091	137.00	09-08-04		
								PULLED:				
48	M55342K06B1E74R RESISTOR 'R' ORIGINAL QUANTITY...	EA	3.00 3.00				SK2 FN-52 R71 R76 R77 PULLED:		0.00			
				RSVD	3.00	114980	SKCF2	114980	75.00	09-27-04		
								PULLED				

(NEW)

WORK ORDER : 112070 — WORK ORDER PICK LIST — PAGE: 8

ASSEMBLY # : LAT-DS-02386 — BY LINE ITEM — EFFECTIVITY DATE: 02-10-05
QUANTITY : 1 — RELEASE DATE : 12-01-04
LOCATION: W02 — DATE PRINTED : 02-11-05

DATE PULLED: _____ PULLED BY: _____

Line#	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STAT	STATUS QUANTITY	RESV IN LOT #	LOT INVLOC NUMBER	LOC QUANTITY	LOT DATE LOT TYPE	BIN BINLOC QUANTITY
49	M55342K06B4E75R RESISTOR	EA	2.00				SK2 FN-51 R509 R609	0.00		S10A
	ORIGINAL QUANTITY...		2.00				PULLED:			
				RSVD	2.00	91326	SKCF2 91326	97.00	08-24-03	CF2C
							PULLED:			
							114981	488.00	09-27-04	
							PULLED:			
50	M55342K06B5E62R RESISTOR	EA	1.00	RSVD	1.00	119010	SK2 119010 FN-56 R14	25.00	11-30-04	S7E
	ORIGINAL QUANTITY...		1.00				PULLED:			
							SKCF2 114984	144.00	09-27-04	
							PULLED:			
51	M55342K06B8E25R RESISTOR	EA	2.00				SK2 84060 FN-57 R9 R10	12.00	04-15-03	S5E
	ORIGINAL QUANTITY...		2.00				PULLED:			
				RSVD	2.00	114985	SKCF2 114985	58.00	09-27-04	
							PULLED:			
52	M55342K06B10E0R RESISTOR,CHIP, 10OH,10K O	EA	21.00				SK2 FN-99 R99 R30 R57 R502 R510 R522 R550 R551 R602 R618 R622 R650 R651 ZR24 ZR26 ZR63 ZR68 ZR95 ZR96 ZR97 ZR98	0.00		
	ORIGINAL QUANTITY...		21.00				PULLED:			
				RSVD	21.00	114987	SKCF2 114987	657.00	09-27-04	
							PULLED:			
							114830	117.00	09-23-04	CF2C
							PULLED:			
							91324	58.00	09-24-03	
							PULLED:			
53	CDR04BX104AKUS CAP, .1UF,50V	EA	32.00				SK2 FN-2 C8 C10 C19 C05 C81 C155 C156 C157 C158 C159 C160 C161 C162 C163 C164 C166 C167 C168 C169 C170 C171 C172 C173 C174 C175 C220 C505 C509 C560 C605 C609 C660	0.00		
	ORIGINAL QUANTITY...		32.00				PULLED:			
				RSVD	32.00	114935	SKCF2 114935	808.00	09-27-04	
							PULLED:			
54	CDR31BX103BKUS CAPACITOR	EA	2.00				SK2 FN-3 C530 C630	0.00		
	ORIGINAL QUANTITY...		2.00				PULLED:			
				RSVD	2.00	114936	SKCF2 114936	974.00	09-27-04	
							PULLED:			
55	CDR31BP121BKUS CAPACITOR	EA	14.00				SK2 FN-5 C101 C201 C202 C203 C204 C206 C207 C531 C532 C602 C631 C632 C633 C702	0.00		
	ORIGINAL QUANTITY		14.00				PULLED:			
				RSVD	14.00	114938	SKCF2 114938	840.00	09-27-04	
							PULLED:			

(NEW)

WORK ORDER : 115070 — WORK ORDER PICK LIST — PAGE: 13

ASSY # : LAI-DG-02388 — BY LINE ITEM — EFFECTIVITY DATE: 02-10-05

QUANTITY : 1 — RELEASE DATE : 12-02-04

LOCATION: WO2 — DATE PRINTED : 03-11-05

DATE PULLED: _____ PULLED BY: _____

Li#	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STAT	STATUS QUANTITY	RESV IN LOT #	INVLOC	LOT NUMBER	INVTORY DETAIL LOT QUANTITY	LOT DATE LOT LIFE	BIN BINLOC	BIN QUANTITY
84	JANTXV2N2907AUB TRANSISTOR ORIGINAL QUANTITY...	EA	2.00 2.00				SK2 FN-82	Q599 Q699 PULLED:	0.00			
				RSVD	2.00	115007	SKCF2	115007	44.00	09-27-04		
								PULLED:				
85	M55342K09B49E99R RESISTOR ORIGINAL QUANTITY...	EA	2.00 2.00				SK2 FN-84	R519 R619 PULLED:	0.00			
				RSVD	2.00	114982	SKCF2	114982	219.00	09-27-04		
								PULLED:				
86	M55342K06B5E11R RESISTOR ORIGINAL QUANTITY...	EA	2.00 2.00	RSVD	2.00	60670	SK2 FN-85	60670 R508 R608 PULLED:	44.00	09-07-01	59F	
								89250	0.00	03-19-03		
							FN-85	R508 R603 PULLED:				
							SKCF2	114829	204.00	09-29-04		
								PULLED:				
								114993	232.00	09-27-04		
								PULLED:				
87	M55342K05B10D0R RESISTOR ORIGINAL QUANTITY...	EA	1.00 1.00				SK2 FN-88	R611 PULLED:	0.00			
				RSVD	1.00	114986	SKCF2	114986	237.00	09-27-04		
								PULLED:				

DEFECT RECORD REPORT

ID 32449

PART NUMBER: LAT-DS-02388
WORK ORDER: 112070
SALES ORDER: F17300
QUANTITY: 1 RW QTY: 1
CUSTOMER: SLAC

INSPECTION TYPE: OUT OF PLANT SERVICE
INSPECTION LEVEL: I
INSPECTOR: EMARTINEZ

OFE SOLDER: 0
OFE ASSEMBLY: 0
DATE: 6/9/2005
WEEK CODE: 25

SERIAL NO.	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
GT117	1		A313	1-BIG RUNNER	MISSING HARDWARE		UNIT CAME IN WITH ONLY 4 SCREWS, 1 TO EACH SIDE
GT117	1		A307	1-BIG RUNNER	DAMAGED COMP		RIGHT LATCH ON SHIPPING CONTAINER DAMAGED
GT117	1		A307	1-BIG RUNNER	DAMAGED COMP		50G SENSOR TRIPPED, VERTICAL POSITION

NO Rework Required
EZ018
6-10-05

6/13/05

DEFECT RECORD REPORT

ID: 29636

PART NUMBER: LAT-DS-02388
WORK ORDER: 112070
SALES ORDER: F17300
QUANTITY: 1 **RW QTY:** 1
CUSTOMER: SLAC

INSPECTION TYPE: POST REFLOW
INSPECTION LEVEL: 1
INSPECTOR: EMARTINEZ

OFE SOLDER: 1421
OFE ASSEMBLY: 786
DATE: 2/24/2005
WEEK CODE: 10

SERIAL NO.	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
117	1	1858	S401		POOR WETTING	L10 ✓	
117	1	1858	S402		INSUFFICIENT SOLDER	L3 ✓	
117	1	1858	S402		INSUFFICIENT SOLDER	D1	
117	5	1858	S402		INSUFFICIENT SOLDER	D20,2-4,	L14

03/12/05 Rework done by GTC 1288 & JP 03/12/05 JP 3/12/05

CRANE AEROSPACE & ELECTRONICS General Technology Corporation

CONFORMAL COATING DATA SHEET

CCA P/N: LAT-D5-02388 GLAT1787 GT117

W.O. #: 112070

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

Date: 6/15/2005

MIX RATIOS

Coating TYPE: ARATHANE Mfr: HUNTSMAN

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

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

AIR CURE: 6/15/2005 START 1:50 PM FINISH 6/16/05 6:30AM

OVEN CURE: 6/16/2005 START 6:30 AM FINISH 7:45AM

REWORK TRAVELER

SO NO: F17300	PART NO: LAT-DS-02388 TPS	REV: 57
ASSEMBLY NAME: SLAC TPS		QTY: 19

APPROVAL							
G. Pozzi	4-25-05	G. Hefkin	4.25.05	M. Mora	4.25.05	P. Lujan	4.25.05
PREPARED BY	DATE	ENG MGR	DATE	QA MGR	DATE	Source Insp.	DATE

STEP	OPERATION	Operator Sign Off.	Date	Time spent
	RE. NCMR 2323.			
1	Record serial numbers Affected: __ GT-104 Glat-1774 Thru GT-122 Glat-1792__ Serial Number GT 117 GLAT 1787	GTC 1288 Byp	04/25/05	
2	REMOVE ALL CABLE TIE WRAPS ON HARNESSES.	GTC 1288 Byp	05/12/05	
3	REPLACE ALL CABLE TIE WRAPS USING THE PANDUIT CABLE TIE WRAP TOOL ON SETTING "STANDARD", AT LEVEL "7".	GTC 1288 Byp	05/16/05	
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 REFER TO CAA LAT-DS-02388 FOR MIX INSTRUCTIONS	GTC 1288 Byp	05/16/05	
5	Hysol 0151 data: DATE MIXED 05/16/05 Expiration Date ~~31403~~ 01/31/07 PO# 31403	Byp	05/16/05	
6	Inspection		5/19/05	
7	Source Inspection	LAT 10 QA	5/19/05	

REWORK TRAVELER

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

APPROVAL							
G.POZZI 4-28-05		G.HEFKIN		K. BERGTHOLDT for MKM		P. LUJAN 4.28.05	
PREPARED BY	DATE	ENG MGR	DATE	QA MGR	DATE 4/29/05	SLAC SOURCE	DATE

STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	Record serial numbers: __ TPS LAT-DS-02388 SN GT- 117 GLAT- 1787	GTC 1268 BJP	04/28/05	
2	**OPERATOR:** STAKE R22 PER CAA-LAT-DS-02388, STEP 40. CURE PER INSTRUCTION IN STEP 40	GTC 1268 BJP	05/16/05	
3	**INSPECTION:** INSPECT FOR BOARD CLEANLINESS. **NO SOLDER BALLS ALLOWED.**		5/4/05	
	SOURCE INSPECTION	LAT TO QA	5/24/05	

REWORK TRAVELER

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

(Original signed edition RESERVED for copying.)

APPROVAL							
G.POZZI 4-18-05		G.HEFKIN 4-18-05		K. BERGTHOLDT 4/18/05		P. LUJAN	
PREPARED BY	DATE	ENG ~~MGR~~ SUP.	DATE	QA ~~MGR~~ ENG.	DATE	SLAC SOURCE	DATE 4-19-05

STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	Record serial numbers: __ TPS LAT-DS-02388 SN GT- 117 GLAT- 1787	GTC 1288 BVP	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 1288 BVP	05/04/05	
3	AQUEOUS CLEAN USING RECIPE #3	GTC 1288 BVP	05/04/05	
4	**INSPECTION:** INSPECT FOR BOARD CLEANLINESS. **NO SOLDER BALLS ALLOWED.**	GTC 1288	5/19/05	
5	**SOURCE INSPECTION**	LAT TO QA	5/24/05	

REWORK TRAVELER

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

APPROVAL							
G. POZZI 4-22-05		G. HEFTKIN 4.22.05		BERGTHOLT 4/21/05		P. LUJAN 4.21.05	
PREPARED BY	DATE	ENG MGR	QA MGR	PROD MGR	DATE	SOURCE	DATE

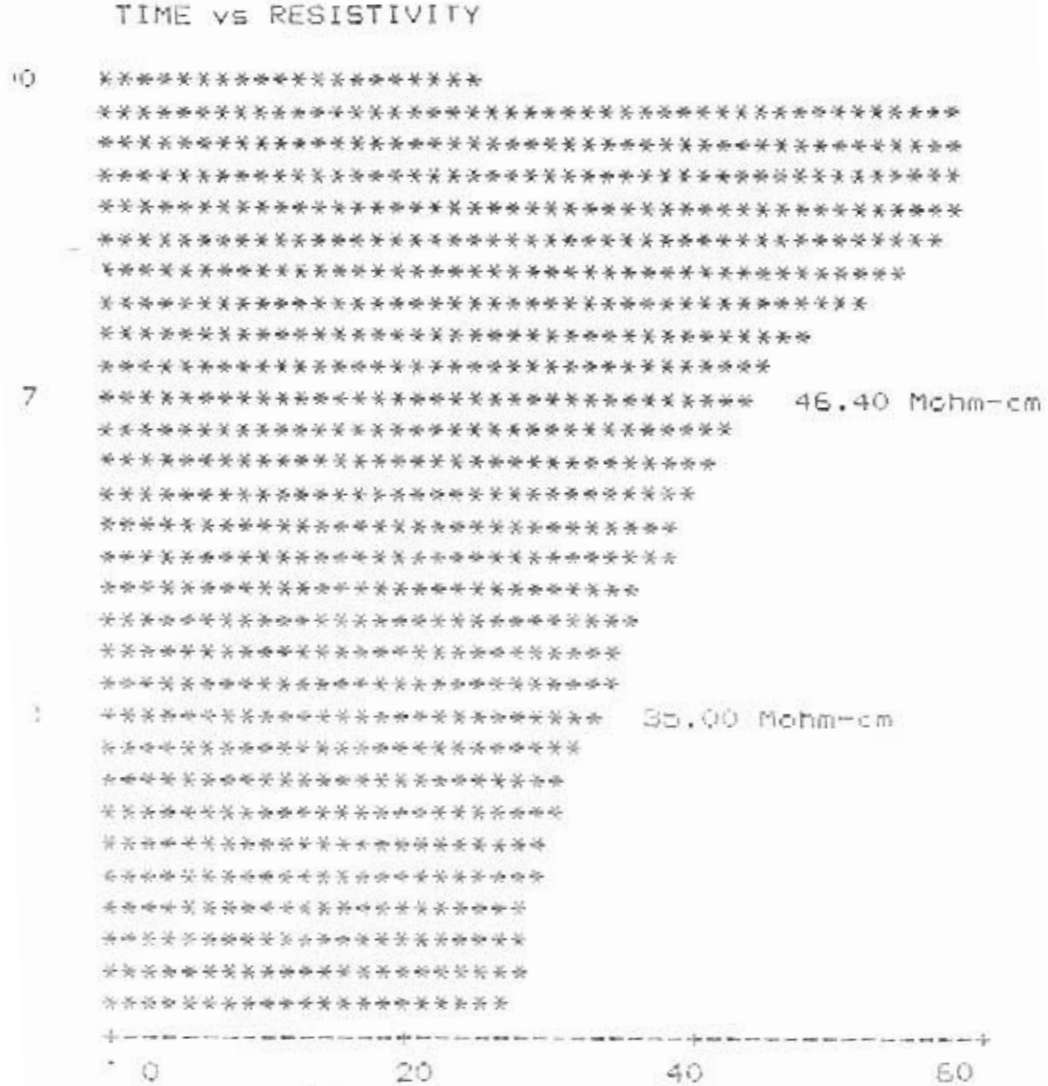
STEP	OPERATION NCMR 2305 REMOVE AND REPLACE Q10, Q11, AND Q12	Operator Sign Off.	Date	Time spent
1	Record serial numbers: TPS LAT-DS-02388 SN's GT-117, GLAT-1787	GTC 592 BYP	04/22/05	
2	**OPERATOR:** REMOVE Q10, Q11, AND Q12. USE THE HAKO FM202 PARALLET REMOVAL SOLDERING IRON WITH 5/16" BLADE TIPS PLACE PARTS INTO AN ESD BAG AND RECORD BOARD SERIAL NUMBER ON BAG. KEEP PARTS WITH REWORK TRAVELER THEN ROUT TO QUALITY ENGINEERING WITH A COPY OF THE REWORK TRAVELER.	GTC 592 BYP GTC 592 BYP GTC 592 BYP	4-22-05 4-22-05 4-22-05	
3	**OPERATOR:** VERIFY PADS HAVE NO DAMAGE. 5.2.05 LAT 10 QA	GTC 1088 BYP	05/02/05	
3	**OPERATOR:** SOLDER Q10, Q11, AND Q12 ONTO BOARD USE THE METCAL SOLDERING IRON WITH A .5" BLADE TIP.	GTC 1088 BYP	05/04/05	
4	**OPERATOR:** HAND CLEAN BOARDS USING ALCOHOL.	BYP	05/04/05	
5	**INSPECTION:** INSPECT PARTS FOR WORKMANSHIP AND BOARD CLEANLINESS	---	5/9/05	
6	**SOURCE INSPECTION**	LAT 10 QA	5/24/05	

WESTEK
ator : STEPHANIE
2
1

Type : Test
name : 'Manual Test'
d # GT117 has P A S S E D

TIME : 2.00 min
VOLUME : 8000 ml
) AREA : 200.0 sq in
. AREA : 0.00 sq in
3Q. IN : 40 ml/sq. in
.IMIT : 10.07 ug/sq in
: 7.70 Mohm-cm
Initial Resistivity : 49.03 Mohm-cm
Equivalence (Final) : 1.73 ug/sq in

TIME vs RESISTIVITY



Final Resistivity : 28.70 Mohm-cm
NaCl Removed : 0.95 ug/sq in

4-MIXED CUSTOMER: SLAC

PE: PRODUCTION WORK ORDER TRAVELLER - NEW

SY/PN# LAT-DS-02831-01
ISY, CABLE, TPS O/P PWR

WO# 112344
REQ DATE 02-08-05
REL DATE 02-03-05
SO#
PO# 0000048900

CUST P#
QTY 19
PROJECT# F17310
CUST# 15356

*SERIAL NUMBER LISTING:---------- *------APPROVAL

N/A

PROD: [illegible] 2/8/05
QA [illegible] 2-9-05

*WORKMANSHIP *----------

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

LOT NO.	LOT QTY	SERIAL NUMBERS	SEQ NO.	REASON	APPRV & DATE
A[1]	15	N/A	3		3/1/05
B	4	N/A	3	To make.	3/8/05
A[2]	2	N/A	6	To move	3/18/05
A[1B]	2	N/A	7	To move	3/23/05
A[1A2]	6	N/A	7	To move	3/31/05

(wohdr rev 05.19.04 glh)----------

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
CONFIG

• • • • • • • • • • CONFIGURATION DOCUMENTS • • • • • • • • •
DOCUMENT NUMBER REV FD/FL OUTSTANDING EO'S
ASSY & PL: LAT-DS-02831 02 NONE
(REFERENCE ASSY/PL LAT-DS-02388 FOR RTV APPLICATION ROT)
TEST SPEC N/A
ASSY AID: N/A
CUSTOMER NAME: SLAC
• • • • • • • • • • BUILD DOCUMENTS • • • • • • • • • •
USE... TRAVELER AND DRAWING
(REV'D)/PREP'D BY: GH (DATE)DATE: 02.03.05

DATE....	QTY..	REMARKS	STATUS
2-9-05			mdc

ESD SENSITIVE

MC CELL 4-MIXED CUSTOMER: SLAC

TY: PRODUCTION WORK ORDER TRAVELLER - NEW

ASSY/PN# LAT-DS-02831-01
ASSY. CABLE: TPS C/P PWR

WO# 112044
REQ DATE 02-08-05
REL.DATE 02-02-05
SO#
PO# 0000048800
CUST P#
QTY 19
PROJECT# F17300
CUST# 16356

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

* WIRE, CRIMP PINS, CONNECTOR, AND RTV.

DATE QTY. REMARKS STATUS

2/9/05 19

GLI - G-MIXED CUSTOMER: SLAC

TYPE: PRODUCTION WORK ORDER TRAVELLER - NEW

ASSY/PN# LAT-DS-02831-01
ASSY, CABLE, ITS O/P PWR

WO# 112044
REQ DATE 02-08-05
REL DATE 02-02-05
SO#
PO# 0000048500

CUST P#
QTY 19
PROJECT# F17300
CUST# 16356

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
3	210		00	CCA/BLACK BOX ASSY AREA CUT WIRE, STRIP WIRE, CRIMP SOCKET CONTACTS, TIN LEADS.	0.0000	0.0000		0.0000

• 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 ~~SCHLEUNIGER PNEUMATIC~~ WIRE STRIPPER SET UP WITH 24 AWG STRIP BLADES. A STRIP LENGTH OF ~~.125" / 3.18mm~~ 7/16 (.188) AND LEAVES THE INSULATION SLUG IN PLACE.

3.50
EVERPURE SMALL MODEL #4900-AM

• PRE-ASSY CRIMP TEST...

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

CRIMP TEST: BY: RM1970 DATE: 2/16/05 STATUS Pass Crimp Tensile Strength paper attached RM1970

• ASSEMBLY ACTIVITY...

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

2) STRIP THE INSULATION LEAVING THE SLUG. 3/16 (.188) JF 2-15-05

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

WIRES TO 6-1/2" (8.50") LONG.

SECOND END USING THERMAL TWEEZERS, 1/4".

OND END BY SOLDER DIP. CLEAN WITH ALCOHOL.

3.16.05 crimp test #6 #1941 pre-assy
3.17.05 crimp test #6 #1941 pre-assy
3.16.05 post assy crimp test #6 #1941

INSULATION SLUG AND CRIMP CONTACT (22D) ONTO LEAD. 2020/2-01 CRIMPER W/ M22520-2-09 TURRET/LOCATOR.

#6-41

P TEST...

CRIMP THREE CONTACTS USING TEST WIRE. TEST THE CRIMPS PER GTC-2081. RECORD RESULTS IF FAIL, GINEERING.

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

	QTY.	REMARKS	STATUS
2/15/05	4	78 wires x 4 = 312	RM1970
3.17.05	2	156 wires	
~~3/16/05~~	~~4~~	~~sheets~~	GMG

3.22.05 strip, tin, crimp #6 #1941 (133)
3.22.05 strips #6 #1941 (815)
3.23.05 crimp, tin, clean #6 #1941 (492)
3.28.05 tin & clean #6 #1941 (315)

LOT LL: 4-MIXED CUSTOMER: SLAC

TYPE: PRODUCTION WORK ORDER TRAVELLER - NEW

WO# 112044
ASSY/PN# LAT-DS-02831-11 REQ DATE 02-08-05 CUST P#
ASSY, CABLE, TPS O/P PWR REL.DATE 02-02-05 QTY 19
SO# PROJECT# F17300
PO# 0000049800 CUST# 19356

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
4	290		00	QUALITY ASSURANCE AREA OPE: SLDR-TB ASSY-312	0.0000	0.0000	0.0000	

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

DRR#(S) _____

DATE	QTY	REMARKS	STATUS
2/17/05	4	78 wires x 4	
~~3.17.05~~	~~2~~	~~156 wires~~	~~H.6 #1441~~
3/17/05	2	Strip & crimps	

checked strips 375 wires 3/22/05 + 140

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

Strips crimps & tin 133 wires

Checked crimps & tin 3/24/05
Checked wires for (492) Tinning 315 Em'594

0.0000	0.0000	0.0000		

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

DATE	QTY	REMARKS	STATUS
2/17/05	4	RM 1970	
3.17.05	2	H.6 #1941	
3.24.05	2	H.6 #1441	

3.25.05 (6) H.6 #1941

6	290	00	QUALITY ASSURANCE AREA OPE: SLDR-0 ASSY-79	0.0000 0.0000 0.0000

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

DRR#(S) _____

DATE	QTY	REMARKS	STATUS
2/17/05	4	Inspect dep 5	
3/17/05	2		
3/24/05	2		
3.25.05	6	Check socket retention	
4/21/05	5	" " "	

NO LL: 4-MIXED CUSTOMER: SLAC

TYPE: PRODUCTION WORK ORDER TRAVELLER - NEW

WO# 112044
ASSY/PN# LAT-DS-02831-01 REQ DATE 02-09-05 CUST P#
ASSY, CABLE, TPS O/P PWR REL.DATE 02-02-05 QTY 19
SO# PROJECT# F17300
PO# 0000048600 CUST# 1935C

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN... LINE-MACH	HOURS ST-LOT.
7	310		00	CCA/BLACK BOX ASSY AREA POT WIRES AT CONNECTOR.	0.0000	0.0000	0 0000

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

PO# 31695 EXP. DATE 07/10/05

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

DATE _____ START _____ STOP _____

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

B	290		CO	QUALITY ASSURANCE AREA OPS: SLDR-0 ASSY-7	0.0000	0 0000	0.0000

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

DRR#(S) _____

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

DATE	QTY	REMARKS	STATUS
4/22/05	5		

(NEW)

WORK ORDER PICK LIST

PAGE: 1

WOR.. ORDER : 112044
ASSEMBLY # : LAT-DS-02831-01
WO QUANTITY : 19
WIP LOCATION: WO2

BY LINE ITEM

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

DATE PULLED: _____

PULLED BY: _____

Li#	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CUR STAT	STATUS QUANTITY..	RSV IN LOT #	LOT INVLOC NUMBER	INVTORY DETAIL LOT QUANTITY..	LOT DATE LOT LIFE	BIN BINLOC QUANTITY..
1	206525-1 CONN (311P407-SS-B-15) ORIGINAL QUANTITY...	EA	1.00 RQ 19.0		19.00		SKCF2 FN-1 PULLED:	0.00		

SJB LAT-DS-02831

The following parts have been defined as alternates for 206525-1:
LI# 1.1 311P407-SS-B-15 1 PER
Partial quantity replacements are allowed.

lot # 114947

2	M22759/11-24-9 WIRE, 24AWG, WHITE ORIGINAL QUANTITY...	IN	860.00 RSVD 16340.00		16340.00	115299	SKCF2 FN-1 PULLED:	115299	34056.00 10-01-04	LOT1152

3	206071-1 CONTACT (206071-1) ORIGINAL QUANTITY...	EA	26.84 RQ 510.00		510.00		SKCF2 FN-2 PULLED:		0.00	

The following parts have been defined as alternates for 206071-1:
LI# 3.1 C08S1 1 PER
Partial quantity replacements are allowed.

3.1	C08S1 CONTACT (206071-1) ORIGINAL QUANTITY...	EA	51.16 RSVD 972.00		972.00	115021	SKCF2 FN-2 PULLED:	115021	972.00 08-27-04	

This line is an alternate part for line 3. C08S1 is used in a 1 to 1 ratio to 206071-1. Partial quantity replacements are allowed.

4	DC6-1104 ADHESIVE ORIGINAL QUANTITY...	OZ	1.00 RQ 19.00		19.00		SKCF2 REQUIREMENT SHOWS ON LAT-DS-02838. APPLY HERE. PULLED:		0.00	

0710 **CRIMP TENSILE STRENGTH** LAT-05-02831-01

MIL-STD-1344: METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD	
CRIMP OPERATOR NAME/EMP #:	RHODA MARMON 1970		TEST DATE
CONTACT PN:	206071-1		2-16-05
WIRE PN:	M22759 111-24-9		TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A830)		RHODA MARMON
DIE/LOCATOR PN (GTC Tool #):	M22520/2-06 (GTC-A834)		WORK ORDER NO.
SELECTOR VALUE:	3		112044
TEST EQUIP # (Last CAL date):	ALPHATRON MPT 2007 (6-17-05)		
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	13.8	13.6
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 rqd):

1000 **CRIMP TENSILE STRENGTH** LAT-DS-62831-01

MIL-STD-1344; METHOD 2003.1

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

OBSERVATIONS/VALUES

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

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 # 1941		TEST DATE
CONTACT PN:	20607-1		3.17.05
WIRE PN:	M22759/11-24-9		TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC A-1012)		Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520/2-06 (GTC A-690)		WORK ORDER NO.
SELECTOR VALUE:	3		117044
TEST EQUIP # (Last CAL date):	Alpha Tran MPT-700A (6-17-04)		
PULL RATE:	1" +/-.25" per min.	OTHER PULL RATE:	

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	12.4	12.9	13.4
PASS/FAIL (circle test result)	(PASS) FAIL	(PASS) FAIL	(PASS) FAIL
	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 OF CRIMP AREA (not in gripping area) {d}			✓
CONTACT BROKEN OUTSIDE OF CRIMP AREA {e}			
OTHER (define) {f}			

SPECIAL INSTRUCTIONS (as rqd):

1:10 P.M.

CRIMP TENSILE STRENGTH CAT-05-02831-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	(PRE) - PROD	POST - PROD	
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1#1941		TEST DATE
CONTACT PN:	20607H-1		3.16.05
WIRE PN:	M22759/11-24-9		TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/20-01 (GTC#1012)		Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520/2-06 (GTC#692)		WORK ORDER NO.
SELECTOR VALUE:	3		1170444
TEST EQUIP # (Last CAL date):	Aldutron MPT-200A (6-Mar)		
PULL RATE:	1" +/-.25" per min.	OTHER PULL RATE:	

OBSERVATIONS/VALUES

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

SPECIAL INSTRUCTIONS (as rqd):

1:15 p.m.

CRIMP TENSILE STRENGTH (AT-DS-0283-01)

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	(PRE) PROD	POST - PROD	
CRIMP OPERATOR NAME/EMP #:	Herb M 1# 1262		TEST DATE
CONTACT PN:	70671-1		3.16.05
WIRE PN:	M22759 / 11-24-9		TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC A-1011)		Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520/2-06 (GTC A833)		WORK ORDER NO.
SELECTOR VALUE:	3		117044
TEST EQUIP # (Last CAL date):	Hampton MPT200A (6174)		
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 rqd):

10:36 a.m.

for build of (E)

CRIMP TENSILE STRENGTH LH-AS-02834-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	(POST) - PROD	
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1st 1941		TEST DATE
CONTACT PN:	70671-1		3.18.05
WIRE PN:	M22759/11-24-9		TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC 11402)		Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520/2-06 (GTC 1496)		WORK ORDER NO.
SELECTOR VALUE:	3		112044
TEST EQUIP # (Last CAL date):	Alpha Labs MPF2004 (6/04)		
PULL RATE:	1" +/-.25" per min.	OTHER PULL RATE:	

OBSERVATIONS/VALUES

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

SPECIAL INSTRUCTIONS (as rqd):

11:00 a.m.

Build of (12)

CRIMP TENSILE STRENGTH CAT-DS-02331-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	(PRE) - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Hobie Gray 1# 1941	TEST DATE
CONTACT PN:	206071-1	3.22.05
WIRE PN:	M22759/11-24 9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC# 492)	Hobie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520/2-06 (GTC# 553)	WORK ORDER NO.
SELECTOR VALUE:	3	112044
TEST EQUIP # (Last CAL date):	Alpha MFT-200# (6.7.04)	
PULL RATE:	1" +/-.25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

CRIMP TENSILE STRENGTH

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Hattie Gray 1#1941	TEST DATE
CONTACT PN:	70607I-1	3.23.05
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC# 1012)	Hattie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-00 (GTC# 833)	WORK ORDER NO.
SELECTOR VALUE:	13	112044
TEST EQUIP # (Last CAL date):	Mdatron 200 (6/7/04)	
PULL RATE:	1" +/-.25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1	No. 2	No. 3
MINIMUM TENSILE STRENGTH:	10	10	10
MEASURED TENSILE STRENGTH:	13.1	13.7	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 rqd):

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/ 1748		TEST DATE
CONTACT PN:	20607 1-1		4-20-05
WIRE PN:	M22759/11-24-9		TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A 833		Martha Villa
DIE/LOCATOR PN (GTC Tool #):	M22520-2-06 (GTC A 833		WORK ORDER NO.
SELECTOR VALUE:	3		112044
TEST EQUIP # (Last CAL date):	7-6-05 ( )		
PULL RATE:	1" +/-.25" per min.	OTHER PULL RATE:	

OBSERVATIONS/VALUES

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

SPECIAL INSTRUCTIONS (as rqd):

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

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	(POST - PROD)	
CRIMP OPERATOR NAME/EMP #:	Martha Villa / 1742		TEST DATE
CONTACT PN:	206071-1		4-20-05
WIRE PN:	M22759/11-24 9		TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC# 833)		Martha Villa
DIE/LOCATOR PN (GTC Tool #):	M22520-206 (GTC# 833)		WORK ORDER NO.
SELECTOR VALUE:	3		112044
TEST EQUIP # (Last CAL date):	7-6-05 ( )		
PULL RATE:	1" +/-.25" per min.	OTHER PULL RATE:	

OBSERVATIONS/VALUES

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

SPECIAL INSTRUCTIONS (as rqd):

WORK CELL: 4-MIXED CUSTOMER: SLAC

TY PRODUCTION WORK ORDER TRAVELER NEW

AS...N# LAT-DS-02830-01 WO# 112043 PAGE 1
ASSY. NAME: TKR T/P HWP REQ DATE 02-00-05 TEST FI
REL.DATE 02 04 05 QTY 17
SUB PROJECT# P17300
PO# 0000048000 CUST# 15356

-SERIAL NUMBER LISTING:---------- APPROVAL
N/A PROD: [illegible] 2/3/05
QA: [illegible] 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
A1	13-15	N/A	6		mm 3/1/05
B	1	N/A	6	To move.	mm 3/1/05
A2	2	N/A	6	To move	mm 3/1/05

-(wchdr rev 05.19.04 glh)----------

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	LINE-MACH	ST-LOT
200			00	CONFIG RECORD/KITTING CONFIG	0.0000	0.0000		0.0000

CONFIGURATION DOCUMENTS

DOCUMENT NUMBER	REV	FD/FL	OUTSTANDING EO'S
ASSY & FL: LAT-DS-02830		53	NONE

(REFERENCE ASSY/FL LAT-DS-02388 FOR RTV APPLICATION RQT)
TEST SPEC: N/A
ASSY AID: N/A
CUSTOMER NAME: SLAC

BUILD DOCUMENTS

USE... TRAVELER AND DRAWING

*(REV'D)/PREP'D BY: GH (DATE)DATE: 02.03.05

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

ESD SENSITIVE

WORK CELL: 1-MIXED CUSTOMER: SIAC

T PRODUCTION WORK ORDER TRAVELLER - NEW

PAGE 2

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

WO# 112043
REQ DATE 02-09-05
REL.DATE 02-03-05
SO#
PO# 0000049800

CUST D#
QTY 19
PROJECT# F17300
CUST# 15356

Li#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN...	LINE-MACH	ST-LOT
9	201		00	STOCKROOM/KITTING AREA KIT PARTS/MATERIALS	0.0000	0.0000		0.0000

* WIRE, CRIMP PINS, CONNECTOR, AND HTV.

DATE	QTY	REMARKS	STATUS
2/9/05	19		

WORK CELL: 4-MIXED CUSTOMER: SIAC

PRODUCTION WORK ORDER TRAVELLER - NPW

WO# 112043 PAGE 3
ASSY/PN# LAT-DS-02830-01 REQ DATE 02-09-05 CUST P#
ASSY, CABLE, TPR I/P PWR REL.DATE 02-03 05 QTY 10
SO# PROJECT# F17300
PO# 0000068800 CUST# 15356

Li#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN...	HOURS LINE-MACH	HOURS ST-LOT
3	210		00	CCA/BLACK BOX ASSY AREA CUT WIRE, STRIP WIRE, CRIMP PIN CONTACTS, TIN LEADS.	0.0000	0.0000		0.0000

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

ECI BLADES SMALL MCAEZ #4900.

* PRE-ASSY CRIMP TEST...

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

CRIMP TEST: BY: 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 (22D) ONTO LEAD. USE M22520/2-01 CRIMPER W/ M22520-2-09 TURRET/LOCATOR.

116: 3.8.05 #1941
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: 2/18/05 DATE: RM1970 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)	CVD 1920
3/15/05	2	2 set of 10	MV, DM, MM-169

3-16 c.) - 4 — set of 10 MV 1743

3/16/05 4 sets of 10 slip only

WORK CELL: 4-MIXED CUSTOMER: SLAC

TY CONNECTION WORK ORDER TRAVELLER - NEW

ASSY/PN# IAT-DS-02830-01
ASSY, CADIAS, TPS T/P PWR

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

CUST P#
QTY 10
PROJECT# F17300
CUST# 15356

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS SI-LOT
4	290		00	QUALITY ASSURANCE AREA OPS: SLDR-20 ASSY-80	0.0000	0.0000	0.0000	

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

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

DRR#(S) 29547

DATE	QTY	REMARKS	STATUS
2/22/05	40/32		
3/2/05	10	Restripped ok	SLV

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS SI-LOT
5	210		00	CCA/BLACK BOX ASSY AREA INSERT WIRES AND CONTACTS TO CONNECTOR	0.0000	0.0000	0.0000	

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

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

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

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

DATE	QTY	REMARKS	STATUS
3.8.05	1	complete	L.C. #1941
3.15.05	2	complete	H.G #1941

WORK CELL: 4-MIXED CUSTOMER: SLAC

T PRODUCTION WORK ORDER TRAVELLER - NEW

PAGE 5

ASSY/PN# IAT-DS-02830-01
ASSY, CABLE, TPS I/P PWR

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

CUST P#
QTY 19
PROJECT# F17300
CUST# 15356

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
A 290			00	QUALITY ASSURANCE AREA OPE: SLDR-0 ASSY-36	0.0000	0.0000		0.0000

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

DRR#(S) _____

DATE	QTY.	REMARKS	STATUS
3/8/05	1		KH.285
3/9/05	3		
3/14/05	2		

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
7 210			00	CCA/BLACK BOX ASSY AREA POT WIRES AT CONNECTOR.	0.0000	0.0000		0.0000

- APPLY RTV, DC6-1104, TO WIRES EXITING CONNECTOR SHELL, FROM THE SHELL DOWN THE WIRES 1/2" (.5").
- TRANSFER RTV TO AN EFD 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 POS AND EXPIRATION DATE BELOW:
  31695 EXP. DATE 7-10-2005 air cured overnight. MC 3-17-05
- APPLIED RTV IN OVEN FOR 2 HOURS AT 120 DEG F (60 C).
- CURE DATE, START/STOP TIME BELOW:
  _____ START _____ STOP _____

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

Clear Defect Report #2454
For 8 wires
[illegible] 2-25-05

3-14-05 JJ 11 pin Crimps used Trimmed Length

BTO 12 04

WORK CELL: 4-MIXED CUSTOMER: SLAC

T' 'RODUCTION WORK ORDER TRAVELLER - NEW

WO# 112043 PAGE 6
ASSY/FN# LAT-DS-02630-01 REQ DATE 02-09-05 LIST F#
ASSY, CABLE, TPS I/F PWR REL.DATE 02-03-05 QTY 10
SO# PROJECT# F17300
PO# 0000048800 CUST# 15354

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
6	230		00	QUALITY ASSURANCE AREA OPE: SLCR-0 ASSY-7	0.0000	0.0000		0.0001

* INSPECT POTTING/CURING OF LEAD ASSEMBLY.

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

DRR#(S) _____

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

DATE	QTY	REMARKS	STATUS
3/17/05	2		

(NEW)

WORK ORDER : 112043 — WORK ORDER PICK LIST — PAGE: 1

ASSY # : LAT-DS-02830-01 — BY LINE ITEM — EFFECTIVITY DATE: 02-08-05
QUANTITY : 19 — RELEASE DATE : 02-03-05
LOCATION: WO2 — DATE PRINTED : 02-09-05

DATE PULLED: _____ PULLED BY: _____

LI#	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STAT	STATUS QUANTITY	RSV'N LOT #	INVLOC	LOT NUMBER	LOT QUANTITY	LOT DATE	BIN QUANTITY
1	206500-1 CONN (311P407-2P-B-15) ORIGINAL QUANTITY...	EA	1.00 19.00	BO	19.00		SKCF2 FN-1 PULLED:		0.00		
	The following parts have been defined as alternates for 206500-1:										
	LI# 1.1 311P407-2P-B-15 — 1 PER										
	Partial quantity replacements are allowed.										
2	M22759/11-24-2/9 WIRE, 24AWG RED/WHIT ORIGINAL QUANTITY...	IN	300.00 5700.00	RSVD	5700.00	115300	SKCF2 FN-2 PULLED:	115300	11997.00	10-01-04	
3	204370-8 PIN, CRIMP ORIGINAL QUANTITY...	EA	20.00 380.00	RSVD	380.00	114796	SKCF2 FN-3 PULLED:	114796	401.00	09-23-04 IN ASSY	
							FN-3 PULLED:	115041	380.00	09-27-04 F17200	
	The following parts have been defined as alternates for 204370-8:										
	LI# 3.1 80871 — 1 PER										
	Partial quantity replacements are allowed.										
4	DC6-1104 ADHESIVE ORIGINAL QUANTITY...	OZ	1.00 19.00	BO	19.00		SKCF2 REQUIREMENT SHOWS ON LAT DS-02949. APPLY HERE. PULLED:		0.00		

Assy

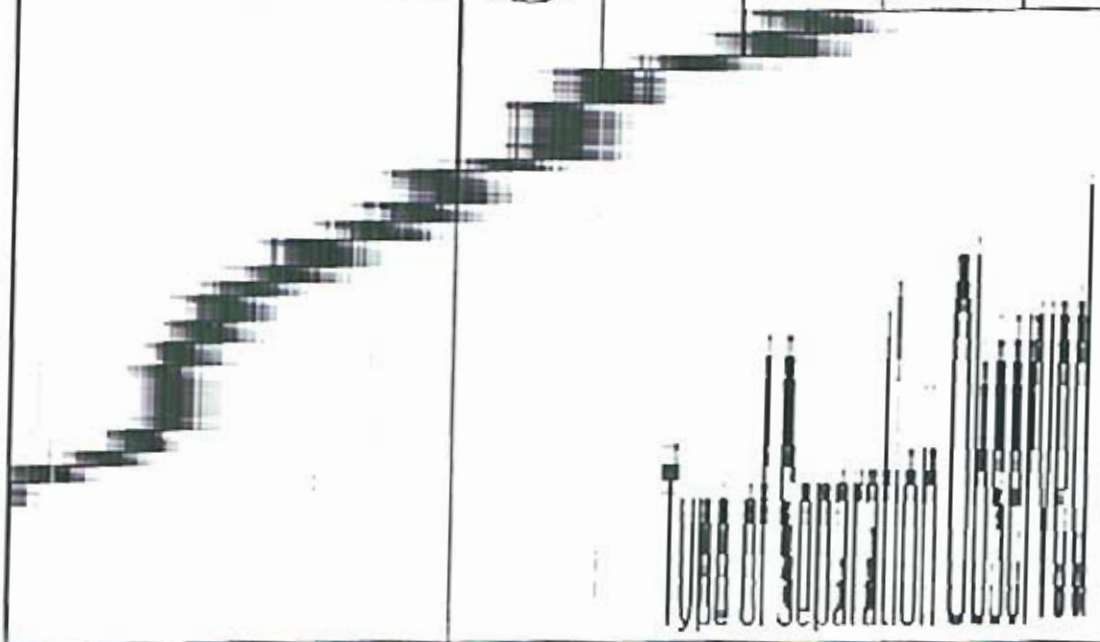
CRIMP TENSILE STRENGTH LAT-DS-09830-01

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	(POST - PROD)	
CRIMP OPERATOR NAME/EMP #:	Martha Villa / 1719		TEST DATE
CONTACT PN:	2043 70-8		3-16-05
WIRE PN:	M22759/11-24-9/9		TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A 1014)		1126 43
DIE/LOCATOR PN (GTC Tool #):	M22520/2-01 (GTC-AB 311)		WORK ORDER NO.
SELECTOR VALUE:	3		Martha Villa
TEST EQUIP # (Last CAL date):	( )		
PULL RATE:	1" +/-.25" per min.	OTHER PULL RATE:	

OBSERVATIONS/VALUES

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



Assy # LAT-DS-02830-01

CRIMP TENSILE STRENGTH

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	(PRE - PROD)	POST - PROD	
CRIMP OPERATOR NAME/EMP #:	Martha Villa / 1713		TEST DATE
CONTACT PN:	2043 10-8		3-14-05
WIRE PN:	M22759/11-24-9/9		TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC A1014)		Martha Villa
DIE/LOCATOR PN (GTC Tool #):	M22520/2-01 (GTC 488)		WORK ORDER NO.
SELECTOR VALUE:	3		112013
TEST EQUIP # (Last CAL date):	( )		
PULL RATE:	1" +/-.25" per min.	OTHER PULL RATE:	

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1		No. 2		No. 3	
MINIMUM TENSILE STRENGTH:	10.0		10.0		10.0	
MEASURED TENSILE STRENGTH:	11.4		12.1		11.5	
PASS/FAIL (circle test result)	(PASS)	FAIL	(PASS)	FAIL	(PASS)	FAIL
	Type of Separation Observed					
SLIP (pull out) {a}						
CONDUCTOR BROKEN IN CRIMP AREA (some or all) {b}	✓		✓		✓	
CONTACT BROKEN IN CRIMP AREA (some or all) {c}						
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) {d}						
CONTACT BROKEN OUTSIDE OF CRIMP AREA {e}						
OTHER (define) {f}						

SPECIAL INSTRUCTIONS (as rqd):

DEFECT RECORD REPORT

ID: 29547

PART NUMBER: LAT-DS-02830-01
WORK ORDER: 112043
SALES ORDER: E17300
QUANTITY: 40 RW QTY: 8
CUSTOMER: SLAC

INSPECTION TYPE: CRIMPING
INSPECTION LEVEL: I
INSPECTOR: VANDEVER

OFE SOLDER: 20
OFE ASSEMBLY: 80
DATE: 2/22/2005
WEEK CODE: 10

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
NA	2	1970	A216	4-MIXED	CUTS OR NICKS	WIRES	Twisted wires Red/white
NA	5	1970	A355	4-MIXED	IMPROPER CABLE LENGTH	WIRES	Twisted wires. Red/white

Rm. 97°

3/8/05

CUSTOMER: SLAC

PR TRAVELLER - NEW

PAGE 1

ASSY/PN# LAT-CS
ASSY. CLASS. DA

DATE 04-29-05
DATE 04-04-05
F17200
0000048799

COST P#
QTY 1
PROJECT# F17200
CUST# 15356

APPROVAL:

PROC ALH 4/27/05

QUALITY 4-27-05

WITH "CS" SPACE SUPPLEMENT

OBSERVE PROCESS PERFORMANCE

BLANK ORDER. SLAC CAR MAY

AV STAMP MARKING AT THE STEP

Lin# DEPT MAJ			HOURS SET-UP	RUN	DIME-MACH	ST-LOT
1 200		RECORD/KITTING		0.0000	0.0000	0.0000

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

NUMBER	REV	ED/PL	OUTSTANDING EO'S
01481		04	NONE
02615		03	NONE
01481			(RELEASED PER EC 04261)

(STANFORD LINEAR ACCELERATOR CENTER)

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

CONTROLLED ASSEMBLY AID, & DRAWINGS.

*** SEE TRAVELER OF WORK ORDER FOR REV HISTORY ***

DATE	QTY	REMARKS	STATUS
4-27-05			

Lin# DEPT MAJ			HOURS SET-UP	RUN	DIME-MACH	ST-LOT
2 201	00	STOCKROOM/KITTING AREA KITTING		0.0000	0.0000	0.0000

* PROCESS MATERIAL PER CAA STEP 2.

DATE	QTY	REMARKS	STATUS
4/27/05			

ESC SENSITIVE

RUNNER CUSTOMER: SLAC

DN WORK ORDER TRAVELLER - NEW

DATE 3

DS-01481 WO# 213118
DAQ: IEM REQ DATE 04-29-05
REL DATE 04-04-05
SO# F17200
PO# 0000048799
CUST P#
QTY 1
PROJECT# F17200
CUST# 15388

MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE MACH	HOURS ST-LOT
10	00	CCA/BLACK BOX ASSY AREA STAKE BOLT HEADS	0.0000	0.0000		0.0000

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

ADHSV 0101: GTC PO# 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		Byp (1288)

MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE MACH	HOURS ST-LOT
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 50-100R GTC PO# 31201 EXPIRATION DATE 04/27/07
LOT # (PT A): 2004 0908 0033
LOT # (PT B): 2004 07 02 0071
MIX RECORD (PT A WGHT) 10gm (PT B WGHT) 0.687
MARKING DATE/TIME: 06/21/05 4:00PM – 6:00PM
CURE OCCURS AT STAKING STEP 13.

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

MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE MACH	HOURS ST-LOT
8 290	00	QUALITY ASSURANCE AREA OPR: SLOR-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
6/22/05	1		

WORK CELL: 1-BIG RUNNER CUSTOMER: SLAC

TYPE: PRODUCTION WORK ORDER TRAVELLER - NEW

WO# 113118 PAGE 4
../FNP LAT-DS-01461 REQ DATE 04-29-05 CUST P#
ASSY: GLAST: DAQ: TEM REL.DATE 04-04-05 QTY 1
SO# F17200 PROJECT# F17200
PO# 0000048799 CUST# 15356

li#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
9	230		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
6.22.05	1	GLAT 1806	LAT TO QA

li#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
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
06/22/05	1		Byp(128E)

li#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
	210		00	CCA/BLACK BOX ASSY AREA TORQUE FASTENERS	0.0000	0.0000	0.0000	

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

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

DATE	QTY	REMARKS	STATUS
06/22/05	1		Byp(128E)
6.22.05	1	WITNESS TORQUE	LAT TO QA

li#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
17	240		00	QUALITY ASSURANCE AREA OPT: SLDR=0 ASSY=24	0.0000	0.0000	0.0000	

- PROCESS ASSY PER CAA STEP 12.

RECORD DEFECT REPORT NO. IF APPLICABLE: _____

DATE	QTY	REMARKS	STATUS
6/22/05	1		STC TO QA

WORK CELL: 1-BIG RUNNER CUSTOMER: SLAC

TYPE: PRODUCTION WORK ORDER TRAVELLER - NEW

P/PN# LAT-DS-01681
ASSY. GLAST, DAQ, TEM

WO# 113118
REQ DATE 06-29-05
REL DATE 06-06-05
SO# F17200
PO# 0000048709

CUST P#
QTY 1
PROJECT# F17200
CUST# 13356

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

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

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

ADHSV 0151: GTC PO# 3403 EXPIRATION DATE 01/31/07
CURE DATE/TIME: START- 06/22/05 10:40 AM STOP- 12:40 PM

DATE	QTY	REMARKS	STATUS
06/22/05	1		Buy (1288)

14 250 00 QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
CFE: SLAR-0 ASSY-07

- PROCESS ASSY PER CAA STEP 14.

RECORD DEFECT REPORT NO. IF APPLICABLE:

DATE	QTY	REMARKS	STATUS
6/22/05	1		

15 280 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	GLAST 1806	

********** TRAVELER REVISION HISTORY RECORD **********
CREATED BY: FOR ASSY REV: DATE:
HISTORY 04 03.31.05

ASSY REV	CHG BY	CHG DATE	CHANGE DETAIL
04	GLK	033105	RELEASED AT REV 04, AND CAA AT REV -.

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

NEW

WORK ORDER : 113118 — WORK ORDER PICK LIST — PAGE: 1

ASSY #: LAT-DS-01481 — BY LINE ITEM — EFFECTIVITY DATE: 04-06-05
QUANTITY : 1 — RELEASE DATE : 04-04-05
LOCATION: WO2 — DATE PRINTED : 04-27-05

DATE PULLED: _____ PULLED BY: _____

Line	PART NUMBER AND DESCRIPTION	UM	REQUIREMENTS: REQUIRED QUANTITY	CURR STAT	STATUS QUANTITY	RSRV IN LOT #	INVLOC	LOT NUMBER	INVENTORY DETAIL: LOT QUANTITY	LOT DATE / LOT LIFE	BIN/LOC	BIN QUANTITY
1	LAT-DS-00554 TEM BOX BASE ORIGINAL QUANTITY	EA	1.00 1.00				SK2 FN-1		0 00			
				RSVD	1.00	120296	SKCF2		PULLED:			
								120296	16 00	12-16-04	SLAC	
									PULLED:			
2	LAT-DS-00555 TEM BOX LID ORIGINAL QUANTITY.	EA	1.00 1.00				SK2 FN-2		0 00			
				RSVD	1.00	120297	SKCF2		PULLED:			
								120297	16 00	12-14-04	SLAC	
									PULLED:			
3	LAT-DS-01646 LOCAL GLASS - QTY ORIGINAL QUANTITY	EA	1.00 1.00				SK2 FN-3		0 00			
				BO	1.00		SKCF2		PULLED:			
									0 00			
									PULLED:			
4	MAS1102N01L01 HARDWARE ORIGINAL QUANTITY	EA	26.00 26.00				SK2 FN-4		0 00			
				RSVD	26.00	114831	SKCF2		PULLED:			
								114831	572.0	09-23-04		
									PULLED:			
	MAS1 HARD ORIG	EA ANTITY	29.00 29 00				SK2 FN-5		0 00			
				RSVD	29.00	114832	SKCF2		PULLED:			
								114832	464.00	09-23-04	LOT 016	
								119012	29 00	09-27-04	IN ASSY	
									PULLED:			
								126291	100 00	04-11-05		
									PULLED			
5	MAS1351 HARDWARE ORIGINAL QUANTITY	EA	1.00 1.00				SK2 FN-6		0 00			
				RSVD	1.00	114833	SKCF2		PULLED:			
								114833	31.00	09-23-04		
									PULLED:			
6	FL25x6 FLAT STEEL BAR ORIGINAL QUANTITY	OZ	1.00 1.00				SK2 FN-7		0 00			
				BO	1.00		SKCF2		PULLED:			
									0 00			
									PULLED:			

(NEW)

WORK ORDER # 115118 — WORK ORDER PICK LIST — PAGE: 2

BLV # LAT-DS-01461
ASSY # :
QUANTITY : 1
LOCATION: MC2

BY LINE ITEM

EFFECTIVITY DATE : 04-01-05
RELEASE DATE : 04-16-05
DATE PRINTED : 04-07-05

DATE PULLED: _____ PULLED BY: _____

Lit#	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STAT	STATUS QUANTITY	RESV IN LOT #	LOT NUMBER	INVLOC	LOT QUANTITY	LOT DATE	BIN QUANTITY
9	1151 ADHESIVE, KYSOL,4OZ KIT ORIGINAL QUANTITY...	OZ	1.00 1.00				SK9 FN-8		0.00		
				BO	1.00		SKCF2				
								PULLED:			
9	CAT-L-INK INK ORIGINAL QUANTITY...	OZ	1.00 1.00				SK2 FN-9	PULLED:	0.00		
				BO	1.00		SKCF2		1.00		
								PULLED:			
10	LAT-DS-05535 LABEL, SN ORIGINAL QUANTITY...	EA	1.00 1.00				SK2 FN-10	PULLED:	0.00		
				BO	1.00		SKCF2				
								PULLED:			

WORK CELL: 6-MIXED CUSTOMER: SLAC

WORK ORDER TRAVELLER - NEW

P/N# LAT-DS-01646
CUA: CLASS: ITEM

WO# 112017
REQ DATE 02-09-05
REL.DATE 12-21-04
SO#
PO# 0000048799

CUST P#
QTY 1
PROJECT# P17200
CUST# 15356

SERIAL NUMBER: GT117

GLAT 1768

APPROVALS: PROD [illegible] 2/3/05
QA [illegible] 2.3.05

WORKMANSHIP: IPC/EIA-J-STD-001C CLASS 3; WITH "CS" SPACE SUPPLEMENT

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

JLH 02 02 05

Lit#	Dept	Mach#	Op#	DESCRIPTION	HOURS SET-UP	HOURS RUN...	LINE-MACH	ST-LOT
1 200			00	CONFIG RECORD/KITTING CONFIG	0.0000	0.0000		0.0000

CONFIGURATION DOCUMENTS

	DOCUMENT NUMBER	REV	FD/FL	OUTSTANDING DO'S
ASSY DWG:	LAT-DS-01646	57		NONE
BOM PL:	LAT-TD-02230	04		NONE
(TEST BOM:	LAT-PS-02615	02		NONE
ASSY AID:	LAT-DS-01646	--		RELEASED PER EC 2283)

CUSTOMER NAME: SLAC (STANFORD LINEAR ACCELERATOR CENTER)

BUILD DOCUMENTS

USE... WORK ORDER, CONTROLLED ASSEMBLY AID, & DRAWINGS.

*(REV'D)/(REP'D BY: GH (DATE)DATE: 02.02.05

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

1 201		00	STOCKROOM/KITTING AREA KIT PARTS	0.0000	0.0000	0.0000

* PROCESS PER CAA STEP 2.

* ALL HARDWARE, NON-SMT PARTS, AND CONSUMABLE MATERIALS, ARE TO BE COLLECTED AND MOVED TO POST-SMT PROCESSING.

* ALL SMT PARTS ROUTE THROUGH THE SMT DRY ROOM.

DATE	QTY	REMARKS	STATUS
2/3/05	1		

ESD SENSITIVE

WORK CELL: 4/MIXED CUSTOMER: SLAC

TYPE: PRODUCTION WORK ORDER TRAVELLER - NEW

P/N# LAT-DS-01646 WO# 112017 REQ DATE 02-03-05 CUST P# PAGE 2
DUAL CLASS TEN REL.DATE 12-31-04 QTY 1
SO# PROJECT# F17200
PO# 0000048799 CUST# 16356

Li#	DEPT	MATH#	OP#	DESCRIPTION	SET-UP	RUN	LINE-MACH	ST-DOT
3	210		00	QCA/BLACK BOX ASSY AREA BOARD MARKING	1.0300	1.0300	1.0300	

• PROCESS PER CAA STEP 3

DATE	QTY	REMARKS	STATUS
2-7-05	1		

Li#	DEPT	MATH#	OP#	DESCRIPTION	SET-UP	RUN	LINE-MACH	ST-DOT
4	213		00	SMT ASSY LINE PRE-SMT OVEN BAKE	0.0000	0.0000	0.0000	

• PROCESS PER CAA STEP 4

BAKE DATE: 2-7-05
START TIME: 11.00 AM
STOP TIME: 1.00 PM

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

Li#	DEPT	MATH#	OP#	DESCRIPTION	SET-UP	RUN	LINE-MACH	ST-DOT
5	213		00	SMT ASSY LINE SOLDER PASTE STENCIL ONLY TOP SIDE GETS PARTS	5.6300	5.4300	5.6300	

• PROCESS PER CAA STEP 5.

• RECORD SOLDER PASTE DATA BELOW:

QTC PO# 31728 EXPIRATION DATE 7/14/05

DATE	QTY	REMARKS	STATUS
2/4/05	1		

U-56 .0064
U-55 .0063
R-241 .0061
C-241 .0063
C-574 .0064
U-53 .0064
U-52 .0062
U-52 .0061

WORK CELL: 4-MIXED CUSTOMER: SLAC

T: PRODUCTION WORK ORDER TRAVELLER - NEW

WO# 112017 PAGE 3
...Y/PN# LAC-DS-01646 REQ DATE 02-03-05 CUST P#
CON: GLAST, TEM REL.DATE 12-21-04 QTY 1
SO# PROJECT# P17200
PO# 0000046799 CUST# 19356

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

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

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

FN-19 U3 1808 U4 1778 U5 1213 U6 1758
FN-23 U54 1645 U55 1621 U56 1622 U57 1072 1817
U58 1646 U59 illegible U60 1666 U61 1747

DATE....	QTY.	REMARKS.....	STATUS
2-3-05	1	U-4 1784	TT
		U-59 1647	

7 213 00 SMT ASSY LINE SOLDER REFLOW 0.5000 0.5000 0.5000

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

DATE....	QTY..	REMARKS.....	STATUS
2-3-05	1		TT

4 213 00 SMT ASSY LINE AQUEOUS CLEAN 0.1000 0.1000 0.1000

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

DATE	QTY..	REMARKS.....	STATUS
2-3-05	1		TT

WORK CELL: 4-MIXED CUSTOMER: SLAC

TYPE: PRODUCTION WORK ORDER TRAVELLER - NEW

WO# 1132017 PAGE 1
REQ DATE 02-03-05 CUST P#
REV DATE 12-21-04 QTY 1
SO# PROJECT# P17200
PO# 0000048799 CUST# 18356

LI#	DEPT	MATH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
9	200		00	QUALITY ASSURANCE AREA OPE: SLDR-4143 ASSY:5203	0.4400	0.4400	0.4400	

* PROCESS PER CAA STEP 9.

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

DRR#(S): 29540

DATE	QTY	REMARKS	STATUS
2/8/05	1	117	

LI#	DEPT	MATH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
10	210		00	CCA/BLACK BOX ASSY AREA PRE-WAVE BAKEOUT	0.0000	0.0000	0.0000	

* PROCESS PER CAA STEP 10.

BAKE DATE: 4/4/05 START: 7:15 STOP: 9:15

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

LI#	DEPT	MATH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
11	210		00	CCA/BLACK BOX ASSY AREA THRU-HOLE INSTALL	2.4000	2.4000	2.4000	

* PROCESS PER CAA STEP 11.

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

TOOL #: GTC-A-972 CAL DUE DATE: 8/05 (ASC) Box GTC-E-944

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

LI#	DEPT	MATH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
12	210		00	WAVESOLDER WAVE SOLDER	0.5000	0.5000	0.5000	

* PROCESS PER CAA STEP 12

DATE	QTY	REMARKS	STATUS
4.4.05	1		JS

WORK CELL: CUSTOMER: SLAC

K ORDER TRAVELLER - NEW

PAGE 1

= 112017
DATE 02-03-05
DATE 12-21-04
CUST P#
QTY 1
PROJECT# F17200
CUST# 15356
PO# 0000048799

Lit DEPT

	SET-UP	RUN	LINE-MACH	ST-LOC
13 215	0.2000	0.2000	0.2000	

13.

REMARKS STATUS

24 290 RANGE AREA ASSY-SS 0.0000 0.0000 0.0000

14.

RECORD REPORT NUMBER(S) BELOW

30510

DATE QTY REMARKS STATUS

1

15 21 BLACK BOX ASSY AREA 0.0000 0.0000 0.0000
LKUP

CAA STEP 15.

QTY REMARKS STATUS

1 1337

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

PROCESS PER CAA STEP 16

DATE QTY REMARKS STATUS

1 1337

WORK CELL: 4-MIXED CUSTOMER: SLAC

PRODUCTION WORK ORDER TRAVELLER - NEW

P/N# LAT-DS-01446
CCA: GLAST, TEM

WO# 112017 CUST PT#
REQ DATE 02-03-05 QTY 1
REV.DATE 10-31-04 PROJECT# 717200
SO# CUST# 18356
PO# 0000048799

LI#	DEPT	MACH#	OP#	DESCRIPTION	SET-UP	RUN	LINE-MACH	ST-LOT
17	280		00	QUALITY ASSURANCE AREA CFE: SLDR-200 ASSY-0	0.0000	0.0000	0.0000	

* PROCESS PER CAA STEP 17.

** RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

DRA#(S) _____

DATE	QTY	REMARKS	STATUS
4/5/05	1	SN 117	

LI#	DEPT	MACH#	OP#	DESCRIPTION	SET-UP	RUN	LINE-MACH	ST-LOT
18	210		00	CCA/BLACK BOX ASSY AREA POST WAVE ASSY-FPGAs	0.0000	0.0000	0.0000	

* PROCESS PER CAA STEP 18.

ADHESIVE PO# 30131 EXP. DATE: 10/1/05

FPGA SERIAL #'S: U45 40501 U62 50167

DATE	QTY	REMARKS	STATUS
5/11/05	1		

LI#	DEPT	MACH#	OP#	DESCRIPTION	SET-UP	RUN	LINE-MACH	ST-LOT
19	210		00	CCA/BLACK BOX ASSY AREA SOLDER FPGA LEADS	0.0000	0.0000	0.0000	

* PROCESS PER CAA STEP 19.

DATE	QTY	REMARKS	STATUS
5/11/05	1		mc 1337

LI#	DEPT	MACH#	OP#	DESCRIPTION	SET-UP	RUN	LINE-MACH	ST-LOT
20	210		00	CCA/BLACK BOX ASSY AREA POST WAVE ASSY-D3, D4, D5	0.0000	0.0000	0.0000	

* PROCESS PER CAA STEP 20.

DATE	QTY	REMARKS	STATUS
5/11/05	1		mc 1337

WORK CELL: SEAC

* PROCESS OR TRAVELLER - NEW

PAGE 7

DATE 09-03-05
TIME 08:51:24
CUST PO
QTY 1
PROJECT# 717200
COST# 10350

P/N 0000048799

LI#	DEPT		SET-UP	RUN	LINE-MACH	ST-LOT
			HOURS			
01	210	ASSY AREA 01 02	0.0000	0.0000	0.0000	

01

REMARKS STATUS

SN 117 mc 1337

24	210	BLDG 3 BOX ASSY AREA CLEAN	0.0000	0.0000	0.0000

* PROCESS PER CAA STEP 22.

DATE	QTY.	REMARKS	STATUS
5/	1		mc 1337

290	QC	QUALITY ASSURANCE AREA OPR. SLDR-217 ASSY-230	0.2000	0.2000	0.2000

* PROCESS PER CAA STEP 23.

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

DRR#(S) _____

DATE	QTY.	REMARKS	STATUS
5/11/05	1		

31	048	QC	SPEA ICT SPEA TEST	0.9100	0.9100	0.9100

* PROCESS PER CAA STEP 24.

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

TDRR#(S) _____

DATE	QTY.	REMARKS	STATUS
05/11/05	1	SN: GT117	PASSED

WORK CELL: 4 MIXED CUSTOMER: SLAC

TYPE: PRODUCTION WORK ORDER TRAVELLER - NEW

P/N# LAT-DS-01646
(LA) GLAST. TEM

WO# 112017
REQ DATE 04-03-05
REL DATE 12-21-04
SO#
PO# 0000048799
CUST P#
QTY 1
PROJECT# F17300
CUST# 15356

S/N 117

LI#	DEPT	WCM#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOC
25	210		10	PCA/BLACK BOX ASSY AREA	13 8300	14 8300	13 8300	

INSTALL CONNECTOR-SOLDER

SLDR CONN J1-ROW 1>CHECK 5/12/05 mc1337 5/12/05

SLDR-CONN J1-ROW 2>CHECK 5/12/05 mc1337 5/12/05

SLDR-CONN J1-ROW 3>CHECK 5/12/05 mc1337 5/13/05

SLDR-CONN J1-ROW 4>CHECK 5/12/05 mc1337 5/12/05

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

TOOL = GTC-E-9444 CAL DUE DATE 8/05

DATE	QTY	REMARKS	STATUS
5/12/05	1		mc1337

LI#	DEPT	WCM#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOC
26	290		60	QUALITY ASSURANCE AREA DPE: SLDR-300 ASSY-400	9.6800	9.6800	9.6800	

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

ERR#(S)

DATE	QTY	REMARKS	STATUS
5/13/05	1		

WORK CELL: 4-MIXED CUSTOMER: SLAC

- PRODUCTION WORK ORDER TRAVELER - YEH

WO# 112017 DATE 9
ASSY/P/N# LAT-DS-01646 REC DATE 02-03-05 CUST P#
CCA, GLAST, TEM REL DATE 02-21-05 QTY 1
SO# PROJECT# P17209
PO# 0000048799 CUST# 19356

5/N 117

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN... LINE-MACH	HOURS ST-LOT
27	750		00	COATING/POTTING AREA POTTING/STAKING	0 .0000	0 .4000	0 .0000

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

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

0151 ADHESIVE MIX RECORD (RECORD PER BATCH)

	BATCH #1	BATCH #2	BATCH #3	BATCH #4
RESIN WGHT:	3.1 g			
HARDENER WGHT:	1.0g			

CURE DATE: 5-16-05 START: 9:17 STOP: 11:22

DATE	QTY	REMARKS	STATUS
5-13-05	1	cured @ 120°F	PO 1946

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN... LINE-MACH	HOURS ST-LOT
29			00	QUALITY ASSURANCE AREA QTE: SLDR 0 ASSY-100	0.1000	0 .1000	0 .1000

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

DDR#(S)

DATE	QTY	REMARKS	STATUS
5/12/05	1		

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN... LINE-MACH	HOURS ST-LOT
33	760		00	SOURCE INSPECTION MTP - 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	GLAT .766	LATT TO CA

WORK CELL: 4-MIXED CUSTOMER: SLAC

TYPE: PRODUCTION WORK ORDER TRAVELLER - NEW

PAGE 10

../PXe LAT-DS-01646
LOA: 01AUG, TSM

WO# 118617
REQ DATE 02-03-16
REL.DATE 12-21-04
S/N
POP 0000046799

CUST P#
QTY 1
PRODUCT# 717210
CUST# 10356

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

30 290 00 PACKAGING/SHIPPING INSP 0.0000 0.0000 0.0000
PACK & SHIP QCA

* PROCESS PER CAA STEP 30.

DATE	QTY.	REMARKS	STATUS
5/27/05	1		SC-1587
5.27.05	1	VERIFY HARDWARE LIP	LAT 10 QA

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

* PROCESS PER CAA STEP 31.

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

DRR#(S) _____

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

DATE	QTY.	REMARKS	STATUS
6/15/05	1		QCA

32 290 00 SOURCE INSPECTION 0.0000 0.0000 0.0000
SLAC QAR PRE-COAT INSP
MANDATORY INSPECTION POINT

ID #32658

* PROCESS PER CAA STEP 32.

DATE	QTY.	REMARKS	STATUS
6.16.05	1	DISCOVERED FOD (BLACK FOAM)	
		IN ESD BAG	LAT 10 QA

6.16.05

WORK CELL: 4:MIXED CUSTOMER: SLAC

TYPE: PRODUCTION WORK ORDER TRAVELLER - NEW

WO# 112017 PAGE 11
//PN# LAT-DS-01846 ADD DATE 02-03-05 CUST P#
LA: CLASS: TEM REL DATE 12-21-04 QTY 1
SO# PROJECT# 417210
PO# 0000048799 CUST# 15336

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
33	010		00	CCA/BLACK BOX ASSY AREA ALCOHOL/DI CLEAN AND TEST THE CLEANLINESS OF CCA.	0.2000	0.2000	0.2000	

• PROCESS PER CAA STEP 33.

••• WEAR PROTECTIVE GLOVES WHEN HANDLING CCA •••

• ATTACH CLEANLINESS TEST RECORD TO WORK ORDER.

DATE	QTY	REMARKS	STATUS
6/16/05	1		AL1576
6/16/05	1	Cleanliness	JN

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
34	990		00	QUALITY ASSURANCE AREA OPR: SLDR-0 ASSY-11	0.0000	0.0000	0.0000	

• PROCESS PER CAA STEP 34

•• RECORD DEFECT RECORD REPORT NUMBER(S) BELOW

DRA#(S) _____

DATE	QTY	REMARKS	STATUS
6/17/05	1		

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN	HOURS LINE-MACH	HOURS ST-LOT
35	261		00	COATING/POTTING AREA MASK & CONFORMAL COATING	0.6000	0.6000	0.6000	

• PROCESS PER CAA STEP 35

••• WEAR PROTECTIVE GLOVES WHEN HANDLING CCA •••

RECORD BAKE DATE-TIME START/STOP BELOW:

BAKE DATE: 6/17/05 START: 10:11AM STOP: 11:15AM

DATE	QTY	REMARKS	STATUS
6/17/05	1	MASK/BAKE	

WORK CELL: 4-MIXED CUSTOMER: SLAC

TYPE: PRODUCTION WORK ORDER TRAVELLER - NEW

WO# 112317 PAGE 12
STD DATE 02-03-05 CUST P#
REV DATE 10-01-04 QTY :
ST# PROJECT# P17200
PO# 0000048793 COST# 15356

P/N: LAT-DS-01649
DES: GLAST TEM

Lit	OPER	MACH#	OP#	DESCRIPTION	SET-UP HOURS	RUN HOURS	LINE-MACH HOURS	ST-LOC
36	250		00	COATING/POTTING AREA SPRAY CONFORMAL COAT	0.0000	0.0000	0.0000	

* PROCESS PER CAA STEP 36.

CONFORMAL COAT MATERIAL PO#: 3120/

EXP. DATE: 6/30/2005

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

DATE: 6/17/05 START: 11:15 AM STOP: 6/20/05 6:30 AM

DATE	QTY	REMARKS	STATUS
6/17/05	1	Coat	DM/1035

Lit	OPER	MACH#	OP#	DESCRIPTION	SET-UP HOURS	RUN HOURS	LINE-MACH HOURS	ST-LOC
37	300		00	COATING/POTTING AREA TOUCHUP / CURE-OVEN BAKE	0.0000	0.0000	0.0000	

* PROCESS PER CAA STEP 37.

FIRST... BAKE DATE: 6/20/05 START: 6:35AM STOP: 7:35

TOUCHUP... BAKE DATE: 6/20/05 START: 8:55 AM STOP: 9 55AM

DATE	QTY	REMARKS	STATUS
6/20/05	1	TU Coat Jumpsuit	DM

W/O# CRIT: 4-MIXED CUSTOMER: SLAC

TYPE: PRODUCTION WORK ORDER TRAVELLER - NEW

P/N# LAT-DS-01646
Cus. GLAST. ITEM

WO# 112017 PAGE 13
REQ DATE 02-03-05 CUST P#
SHIP DATE 12-31-01 QTY 1
SO# PROJECT# P17200
PO# 0000048799 CUST# 15356

LI#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN...	HOURS LINE-MACH	HOURS ST-LOT
38	220		00	QUALITY ASSURANCE AREA CFE: SLDR-0 ASSY-95	0.5000	0.5000	0.5000	

* PROCESS PER CAA STEP 38.

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

DRR#(S): _____

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

...MATERIAL CERTIFICATIONS...
...SMEA TEST DEFECT REPORTS...
...INSPECTION DEFECT REPORTS...
...NON-CONFORMANCE REPORTS...
...FORM GSC-129 (DOC REV RECORD)...
...WO.LOTS REPORT...
...DIGITAL PHOTOGRAPHS, RECORDED ONTO CD...

DATE	QTY..	REMARKS	STATUS
6/20/05	1		

39	280		00	SOURCE INSPECTION CSI	0.0000	0.0000	0.0000	

* PROCESS PER CAA STEP 39.

NOTE: NEXT ASSEMBLY IS LAT-DS-01461.

** PLEASE RETURN INSPECTED CCA TO QA UPON COMPLETION **

DATE	QTY..	REMARKS	STATUS
6.21.05	1	GLAT 1768	

(NEW)

WORK ORDER . 112017 — WORK ORDER PICK LIST — PAGE. 1

ASSEMBLY # : LAT-DS-01646 — BY LINE ITEM — EFFECTIVITY DATE: 02-03-05
QUANTITY : 1 — RELEASE DATE : 12-21-04
LOCATION: WO1 — DATE PRINTED : 02-04-05

DATE PULLED: _____ PULLED BY: _____

Line	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STAT	STATUS QUANTITY	RESV IN LOT #	INVLOC	LOT NUMBER	LOT QUANTITY	LOT DATE	LOT LIFE	BINLOC	BIN QUANTITY
1	LAT-DS-01649 PKG, TEM ORIGINAL QUANTITY...	EA	1.00 1.00	RSVD	1.00	120299	SKCF2 FN-D1	120299 PULLED:	6.00	09-11-07			1 ✓
2	LAT-DS-01026 PLATE, CONN, TEM ORIGINAL QUANTITY...	EA	1.00 1.00	RSVD	1.00	114784	SKCF2 FN-D6	114784 PULLED:	6.00	06-19-07			1 ✓
3	LAT-DS-01031 PIN, CONNECTOR, TEM ORIGINAL QUANTITY...	EA	2.00 2.00	RSVD	2.00	114785	SKCF2 FN-D7	114785 PULLED:	14.00	06-19-07			2 ✓
4	NAS1352N02-8 SCREW ORIGINAL QUANTITY...	EA	26.00 26.00	RSVD	26.00	114786	SKCF2 FN-D3	114786 PULLED:	286.00	09-23-04			26 ✓
5	LAT-DS-03982 STANDOFF ORIGINAL QUANTITY...	EA	2.00 2.00	RSVD	2.00	114787	SKCF2 FN-D5	114787 PULLED:	14.00	09-23-04			2 ✓
6	MS51957-13 SCREW, FNHD, 4-40 X .25 ORIGINAL QUANTITY...	EA	2.00 2.00	RSVD	2.00	93945	SKCF2 FN-D10	93945 PULLED:	267.00	11-24-03	C3F		2 ✓
							FN-D10	114788 PULLED:	78.00	09-23-04			
	NAS620-C2 FLATWASHER ORIGINAL QUANTITY.	EA	52.00 52.00	RSVD	52.00	114789	SKCF2 FN-D2	114789 PULLED:	428.00	09-23-04			52 ✓
8	MS24671-2 SCREW ORIGINAL QUANTITY...	EA	4.00 4.00	RSVD	4.00	114790	SKCF2 FN-D9	114790 PULLED:	36.00	09-23-04			4 ✓
9	NAS671-C2 NUT ORIGINAL QUANTITY...	EA	26.00 26.00	RSVD	26.00	114791	SKCF2 FN-D4	114791 PULLED:	208.00	09-23-04			26 ✓
10	LAT-DS-02588 ASSY, CABLE, CONN, TEM ORIGINAL QUANTITY...	EA	1.00 1.00	BO	1.00		SKCF2 FN-D9 J5 J1	PULLED:	0.00				C
11	9131 ADHESIVE: HYSOL,4OZ KIT ORIGINAL QUANTITY...	OZ	1.00 1.00	BO	1.00		SKCF2 FN-D11	PULLED:	0.00				C
12	CV-2946 KIT,MISC, TECH ORIGINAL QUANTITY.	OZ	1.00 1.00	BO	1.00		SKCF2 FN-D12	PULLED:	0.00				C
13	5750 CONFORMAL COATING URELANE ORIGINAL QUANTITY.	OZ	1.00 1.00	BO	1.00		SKCF2 FN-D13	PULLED:	0.00				C

(NEW)

WORK ORDER : 112017 — WORK ORDER PICK LIST — PAGE: 2

ASSEMBLY # : LAT-DS-31616 — BY LINE ITEM — EFFECTIVITY DATE: 02-03-05
QUANTITY : 1 — RELEASE DATE : 12-21-04
LOCATION: WO2 — DATE PRINTED : 02-04-05

DATE PULLED: _____ PULLED BY: _____

LI#	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STAT	RSV IN QUANTITY	LOT #	LOT INVLOC NUMBER	LOT QUANTITY	LOT DATE LOT LIFE BINLOC	BIN QUANTITY
14	DC6-1104 ADHESIVE	OZ	1.00	BO	1.00		SKCF2 FN-D14	0.00		
	ORIGINAL QUANTITY...		1.00				PULLED:			
15	CWR11FH105KDB CAPACITOR	EA	36.00	RSVD	36.00	120284	SKCF2 120284 FN-1 C301 C302 C303 C304 C305 C307 C308 C309 C310 C311 C312 C313 C314 C315 C316 C317 C318 C319 C320 C321 C323 C324 C325 C326 C328 C339 C340 C378 C379 C385 C381 C382 C383 C384 C385 C386	1048.00 12-10-04		
	ORIGINAL QUANTITY...		36.00				PULLED:			
16	CWR11FH475KDB CAPACITOR	EA	2.00	RSVD	2.00	120285	SKCF2 120285 FN-2 C341 C342	1976.00 12-16-04		
	ORIGINAL QUANTITY...		2.00				PULLED:			
17	CDR33BX473AKUS CAPACITOR	EA	53.00	RSVD	53.00	114799	SKCF2 114799	1999.00 09-23-04		
	ORIGINAL QUANTITY...		53.00				PULLED:			
							114942	333.00 09-27-04		
							PULLED:			
18	CWR06FC476KDB CAPACITOR	EA	49.00	RSVD	49.00	114800	SKCF2 114800 FN-4 C214 C215 C216 C218 C219 C220 C277 C278 C279 C280 C281 C282 C283 C284 C285 C286 C291 C327 C328 C329 C330 C331 C332 C333 C334 C336 C337 C338 C357 C358 C359 C360 C361 C362 C363 C364 C365 C366 C367 C368 C369 C370 C371 C372 C373 C374 C375 C376 C377	549.00 09-23-04		
	ORIGINAL QUANTITY...		49.00				PULLED:			
							114943 FN-4 C214 C215 C216 C218 C219 C220 C277 C278 C279 C280 C281 C282 C283 C284 C285 C286 C291 C327 C328 C329 C330 C331 C332 C333 C334 C336 C337 C338 C357 C358 C359 C360 C361 C362 C363 C364 C365 C366 C367 C368 C369 C370 C371 C372 C373 C374 C375 C376 C377	1900.00 09-27-04		
							PULLED:			
19	CDR11BX472BKUS CAPACITOR	EA	249.00	RSVD	249.00	114801	SKCF2 114801 FN-5 C1 thru C200, C217, C221 thru C247, C387 thru C407.	2016.00 09-23-04		
	ORIGINAL QUANTITY...		249.00				PULLED:			
20	1210B563KZ51VWXM CAPACITOR	EA	16.00	RSVD	16.00	114802	SKCF2 114802 FN-6 C201 C202 C203 C343 C344 C345 C346 C347 C348 C349 C350 C351 C352 C353 C354 C355 C356	976.00 09-23-04		
	ORIGINAL QUANTITY...		16.00				PULLED:			
21	MCR-1051-1B1 CONNECTOR	EA	9.00	RSVD	9.00	114803	SKCF2 114803 FN-7 J81 J82 J81 J82 J83 J84 J85 J86 J87	72.00 09-23-04		
	ORIGINAL QUANTITY...		9.00				PULLED:			
22	MCR-1069-1B1 CONNECTOR	EA	4.00	RSVD	4.00	114804	SKCF2 114804 FN-8 J80 J81 J82 J83	32.00 09-23-04		
	ORIGINAL QUANTITY...		4.00				PULLED			
23	8362-8755406XA TRIAN18SBYH-2.5 NSC	EA	3.00	RSVD	3.00	114805	SKCF2 114805 FN-9 D3 D4 D5	24.00 09-23-04		
	ORIGINAL QUANTITY		3.00				PULLED:			
24	JANTXV1N4153UR-1 DIODE	EA	2.00	RSVD	2.00	114806	SKCF2 114806 FN-10 D1 D2	16.00 09-23-04		
	ORIGINAL QUANTITY...		2.00				PULLED			
							114949 FN-10 D1 D2	252.00 09-27-04		
							PULLED:			

(NEW)

WORK ORDER : 115017 — WORK ORDER PICK LIST — PAGE:

ASSEMBLY # : LAT-DS-01646 — BY LINE ITEM — EFFECTIVITY DATE: 02-03-
WO QUANTITY : 1 — RELEASE DATE : 12-21-
WIP LOCATION: W02 — DATE PRINTED : 09-04-

DATE PULLED: _____ PULLED BY: _____

Lin	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STATUS STAT	RESV IN QUANTITY	LOT #	INVLOC NUMBER	LOT QUANTITY	LOT DATE LOT LIFE	BIN BINLOC QUANTITY
25	SMD090 FUSE,RAYCHEM/POLYSWICH ORIGINAL QUANTITY .	EA	4.00 4.00	RSVD	4.00	114807	SKCF2 114807 FN-12 F2 F4 F6 F8 PULLED:	52.00	09-23-04	4
26	SMD075 IC ORIGINAL QUANTITY...	EA	4.00 4.00	RSVD	4.00	114926	SKCF2 114926 FN-13 F1 F3 F7 F9 PULLED:	52.00	09-24-04	4
27	MAX145AEUA IC ORIGINAL QUANTITY...	EA	36.00 36.00	RSVD	36.00	120286	SKCF2 120286 FN-15 U7 U8 U9 U10 U11 U12 U13 U14 U15 U16 U17 U18 U19 U20 U21 U22 U23 U24 U25 U26 U27 U28 U29 U30 U31 U32 U33 U34 U35 U36 U37 U38 U39 U40 U41 U42 PULLED:	253.00	12-16-04	36
28	MAX6121AEEE IC ORIGINAL QUANTITY...	EA	2.00 2.00	RSVD	2.00	114810	SKCF2 114810 FN-16 U1 U2 PULLED:	23.00	09-23-04	2
29	LAT-DS-03895 IC ORIGINAL QUANTITY...	EA	1.00 1.00	BO	1.00		SKCF2 FN-17 U45 PULLED:	0.00		0
30	LAT-DS-03894 IC ORIGINAL QUANTITY...	EA	1.00 1.00	BO	1.00		SKCF2 FN-18 U62 PULLED:	0.00		0
31	LAT-TD-01814 IC ORIGINAL QUANTITY...	EA	4.00 4.00	RSVD	4.00	114813	SKCF2 114813 FN-19 U3 U4 U5 U6 PULLED:	94.00	09-23-04	4
32	9962R9569101VXC IC ORIGINAL QUANTITY...	EA	1.00 1.00	RSVD	1.00	114814	SKCF2 114814 FN-20 U63 PULLED:	20.00	09-23-04 DRY-10	1
33	9962R9852003QYC IC ORIGINAL QUANTITY ..	EA	5.00 5.00	BO	5.00		SKCF2 FN-22 U46 U47 U48 U59 U64 PULLED:	0.00		0
34	LAT-TD-01813 IC ORIGINAL QUANTITY...	EA	8.00 8.00	RSVD	8.00	114816	SKCF2 114816 FN-23 U54 U55 U56 U57 U58 U59 U60 U61 PULLED	66.00	09-23-04	8
35	MC706CPX000 THICK FILM JUMPER ORIGINAL QUANTITY...	EA	151.00 151.00	RSVD	101.00	114817	SKCF2 114817 FN-49 R122 R123 R140 R141 R142 R144 R173 R176 R176 R190 thru R196 R201 thru R216 R225 thru R252 R254 thru R260 R265 R267 R268 R269 R270 R273 R274 R275 R276 R277 R280 thru R286 R860 thru R711 R743 R744 R746 R747 R754 PULLED 114967 FN-24 R122 R123 R140 R141 R142 R144 R173 R176 R176 R190 thru R196 R201 thru R216 R225 thru R252 R254 thru R260 R265 R267 R268 R269 R270 R273 R274 R275 R276 R277 R280 thru R286 R860 thru R711 R743 R744 R746 R747 R754 PULLED:	2581.00 706.00	09-23-04 09-27-04	151
36	MC06342X3681B60R RES,0R0R,CHIP,.100W,1% CH ORIGINAL QUANTITY..	EA	55.00 55.00	RSVD	55.00	114818	SKCF2 114818 FN-25 R4 R5 R6 R12 R14 R15 R16 R23 R24 R25 R26 R33 R34 R35 R36 R43 R44 R45 R46 R53 R54 R55 R56 R63 R64 R65 R66 R73 R74 R75 R76 R83 R84 R85 R86 R87 R88 R89 R96 R97 R98 R99 R100 R101 R102 R109 R110 R111 R112 R113 R114 R115 R130 R137 R138 PULLED: 114976 FN-26 R4 R5 R6 R12 R14 R15 R16 R23 R24 R25 R26 R33 R34 R35 R36 R43 R44 R45 R46 R53 R54 R55 R56 R63 R64 R65 R66 R73 R74 R75 R76 R83 R84 R85 R86 R87 R88 R89 R96 R97 R98 R99 R100 R101 R102 R109 R110 R111 R112 R113 R114 R115 R130 R137 R138 PULLED:	1665.00 170.00	09-23-04 09-27-04	55

(NEW)

WORK ORDER : 112017 — WORK ORDER PICK LIST — PAGE: 5

ASSY # : LAT-DS-01646 — BY LINE ITEM — EFFECTIVITY DATE: 03-13-05
ASSY : A — RELEASE DATE : 12-21-04
LOCATION: W02 — DATE PRINTED : 03-04-05

DATE PULLED: _____ PULLED BY: _____

Li#	PART NUMBER AND DESCRIPTION	UM	REQUIRED QUANTITY	CURR STAT	STATUS QUANTITY	RESV IN LOT #	INVLOC	LOT NUMBER	LOT QUANTITY	LOT DATE / LOT LIFE	BINLOC	BIN QUANTITY
46	M55342K09B1F00R RESISTOR ORIGINAL QUANTITY...	EA	2.00 2.00	RSVD	2.00	114828	SKCF2 FN-27	114828 R391 R392 PULLED:	64.00	09-23-04		
							FN-27	114969 R391 R392 PULLED:	229.00	09-27-04		
47	M55342K09B2E11R RESISTOR ORIGINAL QUANTITY...	EA	2.00 2.00	RSVD	2.00	114828	SKCF2 FN-30	114828 R642 R643 PULLED:	216.00	09-23-04		
							FN-30	114969 R642 R643 PULLED:	232.00	09-27-04		
48	M55342A09B10ECR RESISTOR,CHIP,.100W,10K O ORIGINAL QUANTITY...	EA	23.00 23.00	RSVD	23.00	114828	SKCF2 FN-31	114828 R9 R145 R146 R147 R148 R149 R150 R151 R167 R168 R171 R172 R177 R178 R296 R640 R641 R478 R749 R750 R751 R752 R753 PULLED:	339.00	09-23-04	CP2C	
							FN-31	114987 R9 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		
							FN-31	91374 R9 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	09-24-04		

CRANE AEROSPACE & ELECTRONICS General Technology Corporation

CONFORMAL COATING DATA SHEET

CCA P/N: LAT-DS-016446 GLAT 1768 GT117

W.O. #: 112017

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: 6/17/05 START 11:15AM FINISH 6/20/05 6:30AM

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

```
                    EK
Oper
06/1
15:5

Test
Test                 Test'
Boar                 A S S E D

TEST                  min
TEST                  ml
BOAR                  sq in
COMP                  sq in
VOL/                  sq. in
P/F L                 ug/sq in
                 : 7.70 Mohm-cm
      Ir          /ity : 48.90 Mohm-cm
NaCl Er           nal) :  0.70 ug/sq in


                  ISTIVITY

  0.00
  MIN
  0.67                                                    60.00 Mohm-cm
  MIN
  1.33                                                    55.50 Mohm-cm
  MIN
  2.00
  MIN    0.                        40                  60

        Final                : 53.20 Mohm-cm
```

DEFEC RECORD REPORT

ID 32658

PART NUMBER: LAT DS-02388
WORK ORDER: 112017
SALES ORDER: F17300
QUANTITY: 1 RW QTY: 1
CUSTOMER: SLAC

INSPECTION TYPE: CUSTOMER SOURCE
INSPECTION LEVEL: I
INSPECTOR: EMARTINEZ

OFE SOLDER: 0
OFE ASSEMBLY: 0
DATE: 6/16/2005
WEEK CODE: 26

SERIAL NO	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
GT117	1	1288	A332	1-BIG RUNNER	FOD		FOD IN ESD BAG.

06/14/05 Removed & Replaced ESD Bags. Byp(1288)

6/16/05

REWORK TRAVELER

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

APPROVAL (Original signed editions reserved for copying)

G.POZZI	DATE	G.HEFKIN	DATE	K. BERGTHOLDT	DATE	P. LUJAN	DATE
4-18-05		4/18/05		4/19/05		4/19/05	
PREPARED BY		ENG MGR SVP		QA MGR EHL		SLAC SOURCE	

STEP	OPERATION	Operator Sign Off.	Date	Time spent
1	Record serial numbers: TEM LAT-DS-01646 SN GT-GT117 GLAT-_____	1337	4/20/05	
2	**OPERATOR:** INSPECT FOR CLEANLINESS AND DEBRIS USE A SOLUTION OF 75% ALCOHOL AND 25% DE-IONIZED WATER. PLACE BOARDS INTO SOLUTION AND USE A SOFT BRISTLE BRUSH TO REMOVE ALL SOLDER BALLS. VIEW BOARDS UNDER A 10X SCOPE AND RECLEAN UNTIL ALL SOLDER BALLS HAVE BEEN REMOVED. **NO SOLDER BALLS ALLOWED.**	1337	7/24/05	1:00
3	AQUEOUS CLEAN USING RECIPE #3	1337	7/25/05	
4	**INSPECTION:** INSPECT FOR BOARD CLEANLINESS. **NO SOLDER BALLS ALLOWED.**	1337	7/24/05	
5	**SOURCE INSPECTION**	LAT TO QA	7/25/05	

DEFECT RECORD REPORT

ID: 30510

PART NUMBER: LAT-DS-01646
WORK ORDER: 112017
SALES ORDER: F17200
QUANTITY: 1 **RW QTY:** 1
CUSTOMER: SLAC

INSPECTION TYPE: HARDWARE
INSPECTION LEVEL: I
INSPECTOR: EMARTINEZ

OFE SOLDER: 600
OFE ASSEMBLY: 55
DATE: 4/5/2005
WEEK CODE: 56

SERIAL NO.	QUANTITY	OPERATOR	DEFECT CODE	WORKCELL	DEFECT DESCRIPTION	REF DES	PIN NOTES
117	1	692	S406		EXCESS SOLDER	JC1	
117	1	692	S406		EXCESS SOLDER	JT2	

me 1337 4/5/05

G. 4/5/05

DEFECT RECORD REPORT

ID 29540

PART NUMBER: LAT-DS 01646
WORK ORDER: 112017
SALES ORDER: F17200
QUANTITY: 1 **RW QTY:** 1
CUSTOMER: SLAC

INSPECTION TYPE: 1ST SOLDER INSPECTIO
INSPECTION LEVEL: I
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
117	1	1829	S407		NON SOLDERED CONNECTION	F7	
117	1	1829	S414		SOLDER BALLS		

1337
3/24/05

4/1/05

DEFECT RECORD REPORT

ID 29540

PART NUMBER: LAT-DS-01646
WORK ORDER: 112017
SALES ORDER: F17200
QUANTITY: 1 **RW QTY:** 1
CUSTOMER: SLAC

INSPECTION TYPE: ~~TST SOLDER INSPECTIO~~ post reflow KH. 2/27/05
INSPECTION LEVEL: I
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
117	1	1829	A338		MIS REGISTRATION	U50	PIN 8
117	1	1829	A385		SOAP RESIDUE		
117	1	1829	S402		INSUFFICIENT SOLDER	U54	
117	1	1829	S402		INSUFFICIENT SOLDER	U60	
117	1	1829	S402		INSUFFICIENT SOLDER	U58	
117	1	1829	S402		INSUFFICIENT SOLDER	U56	
117	1	1829	S402		INSUFFICIENT SOLDER	U55	
117	1	1829	S402		INSUFFICIENT SOLDER	U6	
117	1	1829	S402		INSUFFICIENT SOLDER	U57	
117	1	1829	S402		INSUFFICIENT SOLDER	U28	PIN 8
117	1	1829	S402		INSUFFICIENT SOLDER	U59	
117	1	1829	S402		INSUFFICIENT SOLDER	U61	
117	1	1829	S402		INSUFFICIENT SOLDER	U10	PIN 5
117	1	1829	S402		INSUFFICIENT SOLDER	U3	
117	1	1829	S402		INSUFFICIENT SOLDER	U36	PIN 8
117	1	1829	S402		INSUFFICIENT SOLDER	U5	
117	1	1829	S402		INSUFFICIENT SOLDER	U4	

1337 3/21/05

8/1/05

WORK CELL: 4-MIXED CUSTOMER: SLAC

T PRODUCTION WORK ORDER TRAVELLER - NEW

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

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

CUST P#
QTY 19
PROJECT# P17200
CUST# 15356

*SERIAL NUMBER LISTING:

N/A

*APPROVAL:

PROD RH 2/4/05

QA: HM 2.4.05

*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

*(wohdr rev 05.19.04 glh)

ESD SENSITIVE

Li#	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN...	LINE-MACH	ST-LOT
200			00	CONFIG RECORD/KITTING CONFIG	0.0000	0.0000		0.0000

CONFIGURATION DOCUMENTS

	DOCUMENT NUMBER	REV	FD/FL	OUTSTANDING ED'S
ASSY & FL:	LAT-DS-02588		51	NONE

TEST SPEC: N/A
ASSY AID: N/A
CUSTOMER NAME: SLAC

BUILD DOCUMENTS

USE.... TRAVELER AND DRAWING

(REV'D)/PREP'D BY: GK (DATE)DATE: 02.02.05

DATE....	QTY..	REMARKS.....	STATUS
2.4.05			

WORK CELL: 4-MIXED CUSTOMER: SLAC

: PRODUCTION WORK ORDER TRAVELLER - NEW

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

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

CUST J#
QTY 19
PROJECT# F17200
CUST# 15356

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

* WIRE, CRIMP PINS, AND CONNECTOR.

DATE QTY REMARKS STATUS

2/7/05 19

WORK CELL: 4-MIXED CUSTOMER: STAC

: PRODUCTION WORK ORDER TRAVELLER - NEW PAGE 3

WO# 112026
Assy/PN# LAT-DS-02586 REQ DATE 02-06-05 CUST P#
ASSY, CABLE, CONN, TEM REL.DATE 01-31-05 QTY 19
SO# PROJECT# F17200
PC# 0000048799 CUST# 15356

Lit	DEPT	MACH#	OP#	DESCRIPTION	HOURS SET-UP	HOURS RUN... LINE-MACH	HOURS ST-LOT
3	220		00	CABLE/HARNESS ASSY AREA CUT WIRE, STRIP WIRE, CRIMP PIN CONTACTS, TIN LEADS.	0.0000	0.0000	0.0000

* 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 SCU STRIPPER PNEUMATIC WIRE STRIPPER SET UP WITH 24 AWG STRIP BLADES, A STRIP LENGTH OF .190", 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: R Mannion 1570 DATE: 2/9/05 STATUS Pass

* ASSEMBLY ACTIVITY...

1) FEED WIRE DIRECTLY OFF THE SPOOL TO THE STRIPPER.
2) STRIP THE INSULATION LEAVING THE SLUG, .125".
3) CUT THE WIRE OFF AT THE INDICATED LENGTH, AND QUANTITY.
   * CUT 39 PIECES TO 1-1/8" (1.125") LONG.
   * CUT 19 PIECES TO 3/16 (.19") LONG.
4) STRIP SECOND END USING THERMAL TWEEZERS, 3/16".
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/ M22520-2-09 TURRET/LOCATOR.

* POST-ASSY CRIMP TEST...

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

CRIMP TEST: BY: R Mannion 1970 DATE: 2/9/05 STATUS Pass

DATE	QTY	REMARKS	STAT
2/10/05	4	@ 7/8"(39) & 1 1/8"(39) @ 4 each	RM 1970
3.10.05	8	1 1/8 (353) 1" (200) 1 5/16 (175)	H.6. #1941
3.11.05	8	1 1/8 strips	H.6. #1941

Start 1-4 m 1337 4/26/05
move to Start pg 3A

Cut

Equipment CHANGE: EUBANKS
3/16" strip length to 1/4"
(.19)
3-01-05
2-8-05

Crimp Tensile Strength Sheet attached

1 2 3 & 4 - performed using S.90

3/16 (.19)

USE program # 89 } on EUBANKS
USE PROGRAM #90 }

GTC-A-463.
K42 - mm.

3.11.05 & 5/16 strips H6 # K41

3.11.05 crimps 1 5/16 H6. #1941

3-10-05 M1970 1" strips
3.12.05 timing H6 #1941 1 5/16

3.14.05 crimp/tin 1" (46) H6. #194
3.14.05 crimp/tin 1 1/8 (96) H6. #194
3.14.05 crimp/tin 1 1/8 (235) H6 #K
3.14.05 crimp/tin (126) 1" H6. #K41

* pre-Asst crimp test 7.28.05 pass H6. #1941
pre-Asst crimp test 3.1.05 pass H.6. #1941
" " 3.2.05 pass H.6. #1941
" " 3.3.05 pass H.6. #1941
no crimping on 3.4.05
pre-Asst crimp test 3.5.05 pass H.6. #1941
" " 3.7.05 pass H.6. #1941
pre-Asst crimp test 3.14.05 pass H6. #1941
post H.6. crimp test 3.21.05 pass H.6. #1941

See page 3A - Continued

WORK CELL: 4-MIXED CUSTOMER: SIAC

*: PRODUCTION WORK ORDER TRAVELLER - NEW

WO# 112046 PAGE 4
ASSY/PN# LAT-DS-02569 REQ DATE 02-04-05 CUST P#
ASSY. CABLE. CONN. TEM REL.DATE 01-31-05 QTY 19
SO# PROJECT# P17200
PO# 0000048799 COST# 15356

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-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

3/11/05 15/16 inspection y strip 4 strips
3/11/05 1 1/8 1 strip 3/11/05
strip, crimp & tinning 3/4/05
8-23-05

* INSERT TERMINATED WIRES TO CONNECTOR.
...INSERT LONGER WIRES (1-5/16") INTO HOLE NUMBERS 1 THRU 20.
...INSERT SHORT WIRES (1.0") INTO HOLE NUMBERS 60 THRU 78. Insert 1 1/8" wires into 21 Through 59
...ASSURE CONTACT IS SEATED AND LOCKED INTO CONNECTOR.

DATE	QTY	REMARKS	STATUS
2/17/05	4		Rm 1970
3.15.05	2		L.6.#1941
3.21.05	1		L.6.#1941

3.21.05 3 completed H.6 #19

6 [illegible] QUALITY ASSURANCE AREA 0.0000 0.0000 0.0000
OPE: SLDR-0 ASSY-78

INSPECT INSERTED WIRES.
RECORD DEFECT RECORD REPORT NUMBER(S) BELOW.
DRR#(S) _____
ROUTE FOR NO CLOSURE AND DELIVERY TO NEXT ASSY LAT-DS-01646.

DATE	QTY	REMARKS	STATUS
2/17/05	4	AMP206504-1 Conn inserts. Step 5.	
3-15-05	2	AMP 206504-1 Conn. check inserts	
3/21-05	1		
3/22/05	3	Conn	

(NEW)

WORK ORDER : 112036 — WORK ORDER PICK LIST — PAGE: 1

A' PLY # : LAT-DS-02588 — BY LINE ITEM — EFFECTIVITY DATE: 02-04-05
Y ANTITY : 19 — RELEASE DATE : 01-31-05
A JCATION: WO2 — DATE PRINTED : 02-07-05

DATE PULLED: _____ PULLED BY: _____

Li#	PART NUMBER AND DESCRIPTION.....	UM	REQUIRED QUANTITY	CURR STAT	RESV IN QUANTITY..	LOT #.....	INVLOC	LOT NUMBER	INVTORY DETAIL: LOT QUANTITY..	LOT DATE / LOT LIFE	BIN / BINLOC	BIN QUANTITY..
1	206504-1 AMPLIMITE ORIGINAL QUANTITY...	EA	1.00 19.00	RSVD	19.00	114794	SKCF2 FN-1	114794 PULLED.	22.00	09-23-04		
	The following parts have been defined as alternates for 206504-1: LI# 1.1 311P407-5P-B-15 1 PER Partial quantity replacements are allowed.											
2	M22759/11-24-9 WIRE, 24AWG, WHITE ORIGINAL QUANTITY...	IN	102.00 1938.00	RSVD	1938.00	115299	SKCF2 FN-3	115299 PULLED:	35994.00	01-04		
3	204370-8 PIN, CRIMP ORIGINAL QUANTITY...	EA	84.00 1596.00	RSVD	1596.00	114796	SKCF2 FN-2	114796 PULLED:	1997.00	09-23-04 IN ASSY		
							FN-2	115041 PULLED:	972.00	09-27-04 F17200		
	The following parts have been defined as alternates for 204370-8: LI# 3.1 C08P1 1 PER Partial quantity replacements are allowed.											

07.50

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 / 19170	TEST DATE: 2/09/05
CONTACT PN:	201370-8	
WIRE PN:	M22759/11-24-9	TESTED BY: RHODA MARMON 19170
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A-830)	
DIE/LOCATOR PN (GTC Tool #):	M22520/02-09 (GTC-A-831)	WORK ORDER NO.: 112026
SELECTOR VALUE:	3	
TEST EQUIP # (Last CAL date):	ALPHATRON MAF 2008 (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)	(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 rqd):

1500 **CRIMP TENSILE STRENGTH** LAT-DS-07588

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-)	Rhoda Marmol 1970
DIE/LOCATOR PN (GTC Tool #):	(GTC-)	WORK ORDER NO.
SELECTOR VALUE:		112026
TEST EQUIP # (Last CAL date):	( )	
PULL RATE:	1" +/-.25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1		No. 2		No. 3	
MINIMUM TENSILE STRENGTH:	10		10		10	
MEASURED TENSILE STRENGTH:	13.2		13.4		13.5	
PASS/FAIL (circle test result)	(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}			N/A		N/A	
OTHER (define) {f}						

SPECIAL INSTRUCTIONS (as rqd):

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 830)	RHODA MARLOW 197
DIE/LOCATOR PN (GTC Tool #):	M22520/02-09 (GTC-A 831)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	ALPHATRON MFG DDA (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)	(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 rqd):

KB2251355 **CRIMP TENSILE STRENGTH** LAT-05-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	/	TEST DATE
CONTACT PN:		2/15/05
WIRE PN:		TESTED BY
CRIMP TOOL PN (GTC Tool #):	(GTC-)	Rhoda Marrison
DIE/LOCATOR PN (GTC Tool #):	(GTC-)	WORK ORDER NO.
SELECTOR VALUE:		~~H02~~ 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:	13.3	12.6	13.3
PASS/FAIL (circle test result)	(PASS) FAIL	(PASS) FAIL	(PASS) FAIL
	Type of Separation Observed		
SLIP (pull out) {a}	✓	✓	
CONDUCTOR BROKEN IN CRIMP AREA (some or all) {b}		✓	✓
CONTACT BROKEN IN CRIMP AREA (some or all) {c}			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) {d}			
CONTACT BROKEN OUTSIDE OF CRIMP AREA {e}			
OTHER (define) {f}			

SPECIAL INSTRUCTIONS (as rqd):

1:10 PM. **CRIMP TENSILE STRENGTH** Lot-05-02588

MIL-STD-1344: METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1#1941	TEST DATE
CONTACT PN:	704370-8	2.28.05
WIRE PN:	M22759/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-1-590)	Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520/2-09 (GTC-1-631)	WORK ORDER NO.
SELECTOR VALUE:	3	112026
TEST EQUIP # (Last CAL date):	Aldatron MPF200A (~~6/04~~)	1.18.05
PULL RATE:	1" +/-.25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

SPECIAL INSTRUCTIONS (as rqd):

8:45 a.m. **CRIMP TENSILE STRENGTH** Lot-#S-02588

MIL-STD-1344: ~~METHOD~~ 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD	
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1#941		TEST DATE
CONTACT PN:	204370-8		3.1.05
WIRE PN:	M22759 / 11-24-9		TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC# 830)		Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-09 (GTC# 831)		WORK ORDER NO.
SELECTOR VALUE:	3		117026
TEST EQUIP # (Last CAL date):	Alpha Tech MPF 70A (~~6-04~~)	11-05	
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:	13.8		13.5		13.8	
PASS/FAIL (circle test result)	PASS	FAIL	PASS	FAIL	PASS	FAIL
	Type of Separation Observed					
SLIP (pull out) {a}						
CONDUCTOR BROKEN IN CRIMP AREA (some or all) {b}			✓			
CONTACT BROKEN IN CRIMP AREA (some or all) {c}						
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) {d}	✓				✓	
CONTACT BROKEN OUTSIDE OF CRIMP AREA {e}						
OTHER (define) {f}						

SPECIAL INSTRUCTIONS (as rqd):

7:42 a.m. **CRIMP TENSILE STRENGTH** Lot-DS-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Hobie Gray 1#7941	TEST DATE
CONTACT PN:	704370-8	3.3.05
WIRE PN:	M22759 / 11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC 1-870)	Hobie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520/2-09 (GTC 4-631)	WORK ORDER NO.
SELECTOR VALUE:	3	117026
TEST EQUIP # (Last CAL date):	Alpha MPF 20A (~~H805~~) 6-17-04	
PULL RATE:	1" +/-.25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

TENSILE STRENGTH Lot- DS-02588

STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	POST - PROD
	Herbie Gray 1# 1941	TEST DATE
	204370-8	3.6.05
	MP2759 / 11-24-9	TESTED BY
	2520 2-01 (GTC# 1012)	Herbie Gray
	2520 2-09 (GTC# 831)	WORK ORDER NO.
	3	112026
	Instron MPF 20# (6.17.04)	

PULL RATE: 1"=.25" per min. | OTHER PULL RATE:

OBSERVATIONS/VALUES

	No. 2		No. 3	
	10		10	
	13.2		13.4	
PASS/FAIL	PASS	FAIL	PASS	FAIL
Type of Separation Observed				
			✓	
	✓			

8:50 a.m. **CRIMP TENSILE STRENGTH** Cat-DS-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	(PRE - PROD)	POST - PROD
CRIMP OPERATOR NAME/EMP #:	Hedrie Gray 1#1941	TEST DATE
CONTACT PN:	204370-8	3.7.05
WIRE PN:	M22759/11-24-9	TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC#1-630)	Hedrie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520/2-09 (GTC#553)	WORK ORDER NO.
SELECTOR VALUE:	3	117026
TEST EQUIP # (Last CAL date):	Alpha Tech MPF700A (1-1805)	
PULL RATE:	1" +/-.25" per min.	OTHER PULL RATE:

OBSERVATIONS/VALUES

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

SPECIAL INSTRUCTIONS (as rqd):

CRIMP TENSILE STRENGTH (at 15-025)

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:	70473 70-8		3.14.05
WIRE PN:	M22759/11-24-9		TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC# 102)		Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520/2-04 (GTC# 831)		WORK ORDER NO.
SELECTOR VALUE:	3		117026
TEST EQUIP # (Last CAL date):	Hydra/MPT-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:	13.4	12.9	13.2
PASS/FAIL (circle test result)	(PASS) FAIL	(PASS) FAIL	(PASS) FAIL
	Type of Separation Observed		
SLIP (pull out) {a}			
CONDUCTOR BROKEN IN CRIMP AREA (some or all) {b}			
CONTACT BROKEN IN CRIMP AREA (some or all) {c}			
CONDUCTOR BROKEN OUTSIDE CRIMP AREA (not in gripping area) {d}	✓	✓	✓
CONTACT BROKEN OUTSIDE OF CRIMP AREA {e}			
OTHER (define) {f}			

SPECIAL INSTRUCTIONS (as rqd):

CRIMP TENSILE STRENGTH CAT-05-02588

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	(POST) - PROD	
CRIMP OPERATOR NAME/EMP #:	Herbie Gray 1 # 1441		TEST DATE
CONTACT PN:	204370-8		3.21.05
WIRE PN:	M22759 / 11-24-9		TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520 / 2-01 (GTC # 1402)		Herbie Gray
DIE/LOCATOR PN (GTC Tool #):	M22520 / 2-09 (GTC # 836)		WORK ORDER NO.
SELECTOR VALUE:	3		112026
TEST EQUIP # (Last CAL date):	Alpha Tool MPT-200A (6.17.04)		
PULL RATE:	1" +/-.25" per min.	OTHER PULL RATE:	

OBSERVATIONS/VALUES

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

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 113317		TEST DATE
CONTACT PN:	204370-8 (CG08P1)		4/28/05
WIRE PN:	M22759/11-24-9		TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-AFC11)		Dora
DIE/LOCATOR PN (GTC Tool #):	M22520-2-09 (GTC-)		WORK ORDER NO.
SELECTOR VALUE:	3		112056.
TEST EQUIP # (Last CAL date):	6/17/04 Due 6/17/05 GTC-P-5P		
PULL RATE:	1" +/-.25" per min.	OTHER PULL RATE:	

OBSERVATIONS/VALUES

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

Assy LAT-D5-0258

CRIMP TENSILE STRENGTH

MIL-STD-1344; METHOD 2003.1

TEST TYPE (circle one):	PRE - PROD	(POST - PROD)	
CRIMP OPERATOR NAME/EMP #:	Nora 11337		TEST DATE
CONTACT PN:	204370-8 (6-08 PI		4/28/05
WIRE PN:	M22759/11-24-9		TESTED BY
CRIMP TOOL PN (GTC Tool #):	M22520/2-01 (GTC-A610)		Nora
DIE/LOCATOR PN (GTC Tool #):	M22520-2-09 (GTC-)		WORK ORDER NO.
SELECTOR VALUE:	3		112026
TEST EQUIP # (Last CAL date):	6/17/04 Due 6/17/05 (GTC PS11)		
PULL RATE:	1" +/-.25" per min.	OTHER PULL RATE:	

OBSERVATIONS/VALUES

SAMPLE NUMBER:	No. 1		No. 2		No. 3	
MINIMUM TENSILE STRENGTH:	10.0		10.0		10.0	
MEASURED TENSILE STRENGTH:	13.0		13.4		13.2	
PASS/FAIL (circle test result)	(PASS)	FAIL	(PASS)	FAIL	(PASS)	FAIL
	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 rqd):

NO.LOTS
PAGE 1

PARTS ISSUED TO WO 112017

06-23-05

PART#.....	DESC.....	QTY.....	FROM.LOT#.....	FROM LOT NOTES.....
1210B563K251YHTM	CAPACITOR	16.00	114802	200435016
5962-8759406XA	IC,LM185BYH-2.5,NSC	3.00	114805	T85343F019
5962R9568101VXC	IC	1.00	114814	F25TDADA
5962R9852Q3QYC	IC	5.00	123441	D/C 0408
5962R9865103QYC	IC	4.00	120289	D/C 0407
CDR31BX472BKUS	CAPACITOR	249.00	114801	LOT 0422-DN
CDR33BX473AKUS	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
M0705CPX000	THICK FILM JUMPER	151.00	114817	LOT TR107039
JANTXV1N4153UR-1	DIODE	2.00	114806	LOT V-5869
LAT-DS-01026	PLATE, CONN, TEM	1.00	114784	NO LOT CONN PLATE
LAT-DS-01031	PIN, CONNECTOR, TEM	2.00	114785	NO LOT CONN PIN
LAT-DS-01649	PWB, TEM	1.00	120299	D/C 4904,3441
LAT-DS-03582	STANDOFF	2.00	114787	NO LOT FAMALE STANDOFF 4-40
LAT-TD-01812	IC	8.00	114816	T31D
LAT-TD-01814	IC	4.00	114813	T31D
M55342K06B100DR	RESISTOR,CHIP.100W,100 OH	60.00	114822	LOT TR107035
M55342K06B100ER	RESISTOR,CHIP,.100W,100K	50.00	114823	LOT TR107045
M55342K06B10E0R	RESISTOR,CHIP,.100W,10K O	23.00	114830	LOT TR107038 (250) LOT TR108589 (457)
M55342K06B1E00R	RESISTOR,CHIP,.100W,1K OH	55.00	114818	LOT TR107040
M55342K06B1F00R	RESISTOR,CHIP.100W,1M OHM	2.00	114819	LOT TR107041
M55342K06B200DR	RESISTOR	2.00	114824	LOT 107036
M55342K06B22D1R	RESISTOR	205.00	114821	LOT 112469
M55342K06B49D9R	RESISTOR,CHIP,.100W,49.9	4.00	114827	LOT TR110001
M55342K06B5E11R	RESISTOR	2.00	114829	LOT TR110002
M55342K09B10F0R	RESISTOR	2.00	114820	LOT 107042
M55342K09B1F00R	RESISTOR	2.00	114828	LOT 109509
MAX145AEUA	IC	36.00	120286	D/C 0310
MAX5121AEEE	IC	2.00	114810	LOT 0134
MCR-1051-1B1	CONNECTOR	9.00	114803	D.C 0404

ICR-1C69-1B1	CONNECTOR	4.00	114804	D.C 0415
IS24671-2	SCREW	4.00	114790	76436
IS51957-13	SCREW, PNHD, 4-40 X .25	2.00	93945	
IAS1352N02-8	SCREW	26.90	114786	70494-2
IAS620-C2	FLATWASHER	52.00	114789	M062S04R
IAS671-C2	NUT	26.00	114791	50254
:311P18-0957R6	THERMISTOR, 30K	2.00	114825	D.C 03G1188
MD050	FUSE, RAYCHEM/POLYSWICH	4.00	114807	D.C 0348
MD075	IC	4.00	114926	D.C 0332

PART#.....	DESC.....	QTY.....	FROM.LOT#.....	FROM LOT NOTES.....
204370-8	PIN, CRIMP	1596.00	114796	LRM87754
206504-1	AMPLIMITE	19.00	114794	00402
M22759/11-24-9	WIRE, 24AWG, WHITE	1938.00	115299	46190

PARTS ISSUED TO WO 112043

06-23-05

PART#.....	DESC.....	QTY.....	FROM.LOT#.....	FROM LOT NOTES.....
204370-8	PIN, CRIMP	380.00	114796	LRM87754
204370-8	PIN, CRIMP	500.00	129543	
IAT-DS-02830	ASSY, CABLE, TPS I/P PWR	19.00	114946	LOT 0414 , 0351
M22759/11-24-2/9	WIRE, 24AWG RED/WHIT	5700.00	115300	

06-23-05

PARTS ISSUED TO WO 112044

O.LOTS
AGE 4

ART#.....	DESC.....	QTY.....	FROM.LOT#.....	FROM LOT NOTES.....
08S1	CONTACT (206071-1)	972.00	115021	LOT 04153
08S1	CONTACT (206071-1)	510.00	125762	
08S1	CONTACT (206071-1)	400.00	128557	D/C 04153 LOT# LRM91466
AT-DS-02831	ASSY, CABLE, TPS O/P PWR	18.00	114947	LOT D/C 0413
22759/11-24-9	WIRE, 24AWG, WHITE	16340.00	115299	46190

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PART#.....	DESC.....	QTY.....	FROM.LOT#.....	FROM LOT NOTES.....
1210B563K251YHTM	CAPACITOR	12.00	114802	230435016
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
8RF461	IC FILTER	1.00	114959	D/C 0439
CDR04BX104AKUS	CAP, .1uF,50V	32.00	114935	SLAC LOT#0404
CDR31BP100BKUS	CAPACITOR	14.00	114938	SLAC LOT#0405BG
CDR31BP101BKUS	CAPACITOR	4.00	114944	SLAC LOT#0349HX
CDR31BP470BKUS	CAPACITOR	4.00	115090	SLAC LOT#0420FN
CDR31BX102BKUS	CAPACITOR	2.00	114936	SLAC LOT#0420RL
CDR32BX103BKUS	CAP 0.01UF 100V 10%	22.00	114937	SLAC LOT#0413FM
CDR33BX223BKUS	CAPACITOR	4.00	114940	SLAC LOT#0405VC
CDR33BX473AKUS	CAPACITOR	7.00	114799	LOT 0419B
CWR09FC476KDB	CAPACITOR	89.00	114943	SLAC LOT#0418
CWR09HC106KCB	CAPACITOR	4.00	114939	SLAC LOT#0409
D55342K07B402ER	RES, 402K, 1/4W, 1%	1.00	115001	SLAC LOT#112027
D55342K07B511ER	RESISTOR	10.00	115002	SLAC LOT#TR107816
H0705CPX000	THICK FILM JUMPER	15.00	114817	LOT TR107039
IRHNJ597034	TRANSISTOR	3.00	114966	SLAC LOT#D321662
JANTXV1N4106UR-1	DIODE	4.00	114953	SLAC LOT#V-6966
JANTXV1N4153UR-1	DIODE	8.00	114949	SLAC LOT#V-5869
JANTXV1N4489US	DIODE	1.00	125757	
JANTXV1N4494US	DIODE	1.00	114955	SLAC LOT#Z301190
JANTXV1N5806US	DIODE 1N5806US	8.00	114950	SLAC LOT#H5030088A D/C 0308
JANTXV1N6485US	DIODE	1.00	114951	SLAC LOT#V-7503DC-0349
JANTXV1N6487US	DIODE	6.00	114952	SLAC LOT#V-7528
JANTXV2N2222AUB	TRANSISTOR NPN	21.00	120303	D/C0318
JANTXV2N2907AUB	TRANSISTOR	2.00	115007	SLAC D/C#0330
JANTXV2N3439	TRANSISTOR	4.00	115006	LOT 0243
LAT-DS-02389	PWB, GLAST, TPS	1.00	120305	D/C 3304,4804
LAT-DS-02465	HEAT SINK, TPS	4.00	115014	SLAC LOT# N/A
LAT-DS-03598	SUPPORT, CABLE HARNESS	2.00	120308	NO D/C OR LOT
LAT-DS-03598	SUPPORT, CABLE HARNESS	2.00	125327	

AT-DS-0410	HEATSINK	2.00	120304	NO LOT OR D/C
22759/11-24-9	WIRE, 24AWG, WHITE	1.00	115299	46190
39006/22-0567E	CAPACITOR	30.00	114941	LOT D/C 0414CZ , 0414CM
55342H06B1B21R	RESISTOR	4.00	114970	SLAC LOT#BR21501
55342H06B2B21R	RESISTOR	6.00	114979	SLAC LOT#BR21601
55342K06B100DR	RESISTOR,CHIP.100W,100 OH	4.00	114822	LOT TR107035
55342K06B100ER	RESISTOR,CHIP,.100W,100K	13.00	114823	LOT TR107045
55342K06B10E0R	RESISTOR,CHIP,.100W,10K O	21.00	114987	SLAC LOT#TR107830
55342K06B13E0R	RESISTOR	3.00	114989	SLAC LOT#TR107832
55342K06B15E0R	RESISTOR,CHIP,.100W,15K O	1.00	114990	SLAC LOT#TR107619
55342K06B18E2R	RESISTOR	2.00	114991	SLAC LOT#TR107620
55342K06B1E00R	RESISTOR,CHIP,.100W,1K OH	6.00	114818	LOT TR107040
55342K06B1E21R	RESISTOR	3.00	114971	SLAC LOT#TR107523
55342K06B1E37R	RESISTOR	4.00	114972	SLAC LOT#TR10811
55342K06B1F00R	RESISTOR,CHIP.100W,1M OHM	6.00	114819	LOT TR107041
55342K06B20E0R	RESISTOR,20Kohms	8.00	114992	SLAC LOT#TR107621

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PART#.....	DESC.....	QTY.....	FROM.LOT#.....	FROM LOT NOTES.....
455342K06B22E1R	RESISTOR	5.00	114994	SLAC LOT#TR107623
455342K06B2E74R	RESISTOR	3.00	114980	SLAC LOT#TR109928
455342K06B301DR	RESISTOR	1.00	115000	SLAC LOT#TR112808
455342K06B33E2R	RESISTOR	1.00	114995	SLAC LOT#TR112391
455342K06B49E9R	RESISTOR,49.9Kohms	6.00	114996	SLAC LOT#TR107624
455342K06B4E75R	RESISTOR	2.00	114981	SLAC LOT#TR108586
455342K06B549DR	RESISTOR	2.00	115003	SLAC LOT#TR111507
455342K06B5E11R	RESISTOR	2.00	114829	LOT TR110002
455342K06B5E62R	RESISTOR	1.00	114984	SLAC LOT#TR107829
455342K06B61E9R	RESISTOR	1.00	114997	SLAC LOT#TR107625
455342K06B8E25R	RESISTOR	2.00	114985	SLAC LOT#109510
455342K09B10D0R	RESISTOR	1.00	114986	SLAC LOT#TR109046
455342K09B10F0R	RESISTOR	4.00	114820	LOT 107042
455342K09B1F00R	RESISTOR	2.00	114828	LOT 109509
455342K09B22D1R	RESISTOR	1.00	114993	SLAC LOT#TR107622
455342K09B2E00R	RES,CHIP,2.00K,1%,.72W	1.00	115091	SLAC LOT#TR107617
455342K09B4E99R	RESISTOR	2.00	114982	SLAC LOT#TR9044
MAX724ECK	IC	7.00	114961	LOT D/C 0342PS
NAS1149CN432R	WASHER	4.00	115016	LOT M061404R
NAS1149CN632R	WASHER	19.00	115010	LOT A1205030
NAS1352N04-6	SCREW	4.00	114832	76123
NAS1352N06-6	SCREW	7.00	115011	LOT 77477
NAS671C4	NUT, HEX,SS,PASS,4-40THRD	4.00	115009	LOT M122600L
NAS671C6	NUT,#6,SM.PAT	19.00	122955	
RWR89SR200FR	RESISTOR	1.00	114968	LOT D/C 15419237
RXE065	FUSE	2.00	114957	LOT D/C 0329
RXE110	FUSE,POLYSWITCH	2.00	114958	D/C 0412
S311P18-09S7K6	THERMISTOR, 30K	2.00	115004	LOT D/C 03D0021
SSR1040GTXV	DIODE	7.00	114948	SLAC LOT#0404

PART#.....	DESC.....	QTY.....	FROM.LOT#.....	FROM LOT NOTES.....
AT-DS-00554	TEM BOX BASE	1.00	120298	no d/c or lot#
AT-DS-00555	TEM BOX LID	1.00	120297	NO D/C OR LOT#
NAS1352N03LB4	HARDWARE	26.00	114831	B080504B
NAS1352N04-6	SCREW	29.00	114832	76123
NAS1352N3-8	HARDWARE	1.00	114833	74803

PART#.....	DESC.....	QTY.....	FROM.LOT#.....	FROM LOT NOTES.....
LAT-DS-00995	BASE, BOX, TPS	1.00	121225	
LAT-DS-00996	LID, BOX, TEM PS	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 113235

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PART#.....	DESC.....	QTY.....	FROM.LOT#.....	FROM LOT NOTES.....
CAT-DS-01487	SCREW, SKTHD CAP, 832X.62	40.00	120307	LOT 68402-1-1