

EA02-025

TEXAS INSTRUMENTS, INC.'S

9/10/03 ATTACHMENT TO ODI

REQUEST #3

BOX 5

PARTS A - P

PART E



AIAG / PPAP SUBMISSION

ALLIED SIGNAL
FORD P/N F2AC-9F924-AA
ALLIED SIGNAL P/N 2234330

NOVEMBER 1994



Supplier Warrants - By Part Number

04/16/98

AlliedSignal Inc.
Braking Systems-Americas
401 N. Bendix Drive
P.O. Box 4001
South Bend, IN 46634-4001

219 237 2100

7763-1

April 15, 1998

Texas Instruments
34 Forest Street
Attleboro, Massachusetts 02703

ATTENTION: Michael J. Lapinas
Tel #: 508-236-3885 Fax #: 508-236-1964

SUBJECT: Sample Submission Approval
Recertification on PSWR # SBD53169
Part No. 2234330 - Revision A - Dated 09/14/94
Description: Assy - Pressure Switch

Your recent sample submission on the subject part number has been approved. I have enclosed a copy of the approved Part Submission Warrant Request for your files. Please note at the bottom of the form that your next recertification is due 04/30/97. Please take the necessary steps to assure that you will be able to provide recertification samples and documentation in accordance with your recertification date.

Your cooperation has been greatly appreciated and should you have any questions concerning this matter please do not hesitate to call me at 219-237-2142, or you may call the responsible SQI engineer whose name and extension appear on the Part Submission Warrant Request. If you wish to contact me via fax, you may do so on 219-237-2086

Sincerely,


Denny Moran
SQI Team Leader

cc: File.

TI-NHTSA 7416



Supplier Warrants - By Part Number

04/15/96

AlliedSignal Inc.
Braking Systems-American
401 N. Bendix Drive
P.O. Box 4001
South Bend, IN 46634-4001

219 237 2100

77L 3-1

Part Submission Warrant Request

Date Initiated: 11/03/95 Warrant No: 58D53168 Initiated By: SOI
Submission Level 4: Warrant & Documents Only Delivered to ASBS Location
Deliver To Attention: Danny Moore: 401 N. Bendix Drive: South Bend, Indiana 46620
Number of Samples: 0
Date Required: 12/22/95 Date Received: 01/19/96

PART #: <u>2234980</u> REV: <u>A</u> DATED: <u>09/14/94</u> DESCRIPTION: <u>Asy - Pressure Switch</u> SUPPLIER: <u>Texas Instruments</u> CODE: <u>89070</u> SURVEY SCORE: <u>82 (05/31/91)</u> REASON FOR SUBMISSION: <u>Recertification</u>	MSR NO: <u>GP-0250 & 60-</u> <u>EN-114/FN-115 P.B.</u> PRODUCT: <u>Master Cylinder (RD)</u> CUSTOMER: <u>Ford Motor Company</u> ASBS USING PLANTS: <u>Galatin</u>
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SOI Contact: Joe Kozel 219-237-2135

Buyer:

Expect. Meet Date:	Rec'd		Approved		Rejected	
	Yes	No	Date	By	Date	By
I. SUPPLIER INFORMATION REQUIRED						
A. Part Submission Warrant (AIAG - PPAP)	No					
B. Process Flow Chart	Yes		4/11	DCB		
C. Process FMEA (RPN 60-100: 1 RPN >100: 0) Last Rev. Date: <u>12/06/95</u>	Yes		4/11	DCB		
D. Control Plan Last Rev. Date: <u>12/06/95</u>	Yes		4/11	DCB		
E. Dimensional Layout with Numbered Print	Yes		4/11	DCB		
F. Process Potential Study (Design Charac.)	Yes		4/11	DCB		
G. Material and Other Eng Spec Certification Spec: <u>Compound #:</u>	Yes		4/11	DCB		
H. Supplier Functional Testing	Yes		4/11	DCB		
J. Other (See Remarks in Section V.)	No					
II. ASBS FUNCTIONAL TESTING Last Test Date:	No					
III. CFT APPROVING AUTHORITIES						
A. Product Engineering	No					
B. Plant Quality Engineering	No					
C. Plant Manufacturing Engineering	No					
IV. ASBS CUSTOMER APPROVAL (Other than ISW i.e. SREA, Black Box, etc.)	No					
V. REMARKS/SPECIAL INSTRUCTIONS (Design FMEA, Special Gages, Special Samples, Packages, Etc.)						

Final Approval on This Form by ASBS Supply Base Management Authorizes Release of Purchased Parts.
APPROVED: D.C. BROWN DATE: 04/01/96

On time delivery? No

Approved 1st time? Yes

PPM: 0

TI-NHTSA 7417



AlliedSignal Inc.
Braking Systems-North America
401 N. Bendix Drive
P.O. Box 4001
South Bend, IN 46634-4001

219 237 2100

December 5, 1994

Texas Instruments
34 Forest Street
Attleboro, Massachusetts 02703

ATTENTION: Elaine Ross
Tel #: 508-699-3090 Fax #: 508-699-3153

SUBJECT: Sample Submission Approval
Initial Sample on SSW # SBD42026
Part No. 2234330 - Revision A - Dated 09/14/94
Description: Assy - Pressure Switch

Your recent sample submission on the subject part number has been approved. I have enclosed a copy of the approved Part Submission Warrant Request for your files. Please note at the bottom of the form that your next recertification is due 12/31/95. Please take the necessary steps to assure that you will be able to provide recertification samples and documentation in accordance with your recertification date.

Your cooperation has been greatly appreciated and should you have any questions concerning this matter please do not hesitate to call me at 219-237-5679, or you may call the responsible SQI engineer whose name and extension appear on the Part Submission Warrant Request. If you wish to contact me via fax, you may do so on 219-237-2086

Sincerely,

Pamela Stabugh
Sample Administrator

cc: File

TI-NHTSA 7418



AlliedSignal Inc.
 Braking Systems-North America
 401 N. Bendix Drive
 P.O. Box 400H
 South Bend, IN 46634-400H

219 237 2100

Part Submission Warrant Request

Date Initiated: 09/30/94 Warrant No: SPD42020 Initiated By: SQI
 Submission Level 3: Warrant & Documents & Parts Delivered to ASBS Location
 Deliver To Attention: Tom Lange; 401 N. Bendix Drive; South Bend, Indiana 46820
 Number of Samples: 4 pieces
 Date Required: 11/25/94 Date Received: 11/17/94

PART #: <u>2234330</u> REV: <u>A</u> DATED: <u>09/14/94</u> DESCRIPTION: <u>Assy - Pressure Switch</u> SUPPLIER: <u>Texas Instruments</u> CODE: <u>89070</u> SURVEY SCORE: <u>92 (05/31/91)</u> REASON FOR SUBMISSION: <u>Initial Sample</u>	NMR NO: <u>GP-0258 & RD-EN-114 M/C</u> PRODUCT: <u>Master Cylinder (90)</u> CUSTOMER: <u>Ford Motor Company</u> ASBS USING PLANTS: <u>Gallatin (154)</u>
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SQI Contact: Shawn Murdoch 219-237-2439

Buyer:

Exptl. Meet Date:	Rec'd.		Approved		Rejected	
	Yes/No	Date	By	Date	By	
I. SUPPLIER INFORMATION REQUIRED						
A. Part Submission Warrant (AIAG - PPAP)	Yes	11/18	SPM			
B. Process Flow Chart	Yes	11/18	SPM			
C. Process FMEA (RPN 80-100: RPN >100:) Last Rev. Date: <u>01/10/94</u>	Yes	11/18	SPM			
D. Control Plan Last Rev. Date: <u>01/10/94</u>	Yes	11/18	SPM			
E. Dimensional Layout with Numbered Print	Yes	11/28	SPM			
F. Process Potential Study (Design, Chauc.)	Yes	11/18	SPM			
G. Material and Other Eng Spec Certification Spec: Compound #:	Yes	11/18	SPM			
H. Supplier Functional Testing	Yes	11/18	SPM			
J. Other (See Remarks in Section V.)	Yes	11/18	SPM			
II. ASBS FUNCTIONAL TESTING Last Test Date:	Yes					
III. CFT APPROVING AUTHORITIES						
A. Product Engineering	No					
B. Plant Quality Engineering	No					
C. Plant Manufacturing Engineering	No					
IV. ASBS CUSTOMER APPROVAL (Other than ISV Ls, SREA, Black Box, etc.)	No					
V. REMARKS/SPECIAL INSTRUCTIONS (Design FMEA, Special Gages, Special Samples, Packages, Etc.)						
J. <u>Need Production Readiness Assessment and must include 2000 pieces. Inspection plan per AS2000 sec. 2.</u>						

Final Approval on This Form by ASBS Supply Base Management Authorizes Release of Purchased Parts.
APPROVED: Shawn P. Murdoch **DATE:** 12/06/94
 For Recertification, Current Approval Expires 12/31/95

On time delivery? Yes Approved 1st time? Yes PPM: 0

PACKAGE IDENTIFICATION
 (REGULATED)
 NATIONAL AND CONTROL GROUP
 ATLANTIC NA 4000 VERMONT, NY 4000
 CENTRAL LAKE NA 4000

DATE: 1/15/94 LOT: 031448
 REF. # 611 DATE SHIPPED 11/15/94
 SHIPPED VIA Express 101

ATTN: Sharon, Inc.
Attn: Mr. Brian Marshall
10000 Highway 100
Windsor, VT 05090
Phone: 802-885-1111

USE FOR OTHERS
 FOREIGN
 EXPORT
 OTHER
 TRANSFER BETWEEN REGULATIONS
 OTHER
 DIVADCT. # 000

QUANTITY	DESCRIPTION/PART #/PC	UNIT PRICE	TOTAL
4	TYNOL-2 100MG TABLETS	n/a	n/a
1	100/200 TABLETS	n/a	n/a

GROSS WEIGHT 50	NO. OF CONTAINERS 1	ORIGINATOR'S NAME (TYPED) SHARON, INC	ORIGINATOR'S SIGNATURE <i>Elaine [Signature]</i>
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**TEXAS
INSTRUMENTS**

November 15, 1994

Allied Signal Inc.
Braking Systems-North America
401 N. Bendix Drive
P.O. Box 4001
South Bend, In. 46634-4001

Attn: Mr. Shawn Mandoch
Supplier Quality Improvement

Subj: Part Submission Warrant (PSW) Part No. 2234330
Pressure Switch (TI p.n. 77PSL3-1)
ASBS Using Plant: Gallatin (154)

Ref: My 11/14/94 Telephone Call

Dear Shawn,

Enclosed, please find the Parts Submission Warrant (PSW) for the pressure switch no. 2234330.
Four switches are included in the submission, instead of eight as previously coordinated.

Please let me know if you have any questions. I can be reached at (508) 236-1719.

Regards,



Jim Watt
QRA Engineer
Precision Controls Department

encl: Parts Submission Warrant (PSW)

cc: Tim Spooner, MS 12-33; Gary Snyder, MS 12-33
Norm Frede, TI-PSE, Novi, Michigan
Andy McGuirk, MS 12-27



AlliedSignal Inc.
Braking Systems-North America
401 N. Bendix Drive
P.O. Box 4001
South Bend, IN 46634-4001

219 237 2101

October 5, 1994

Texas Instruments
34 Forest Street
Attleboro, Massachusetts 02703

ATTENTION: Ron Watt
Tel #: 508-699-3090 Fax #: 508-699-3153

SUBJECT: Sample Submission Requirements, Dates, and Quantities
Initial Sample on SSW # SBD42026
Part No. 2234330 - Revision A - Dated 09/14/94
Description: Assy - Pressure Switch

F2AC-9F924-AA

This letter is your notification that a sample submission is required on the subject part number. As an ASBS supplier you have been given AS2000 Supplier Quality Requirements Manual, which identifies the supplier's responsibilities. The specific sample requirements for the subject part are identified on the attached Part Submission Warrant Request. These requirements should be submitted in accordance with Attachment A.

Submission requirements are as follows:

Submission Level 3: Warrant & Documents & Parts Delivered to ASBS Location.

Number of sample parts required: ~~8~~ 4

Submission date: On or before 11/25/94.

If delivered to ASBS, clearly identify all sample submissions and related documentation. If piece parts are required please label the container with the enclosed orange sample labels and deliver to:

ATTENTION: Tom Lange
AlliedSignal Braking Systems
401 North Bendix Drive
South Bend, Indiana 46620

? NH ?

Should you have any questions, please call me at 219-237-5679, or you may call the responsible SQI engineer whose name and extension appear on the Part Submission Warrant Request. If you wish to contact me via fax, you may do so on 219-237-2086.

Sincerely,

Pamela Slabough
Sample Administrator

cc: File

TI-NHTSA 7422



AlliedSignal Inc.
 Braking Systems-North America
 401 N. Bendix Drive
 P.O. Box 4001
 South Bend, IN 46634-4001

219 237 2100

Part Submission Warrant Request

Date Initiated: 09/30/94 Warrant No: SBD42028 Initiated By: SQI
 Submission Level: 3: Warrant & Documents & Parts Delivered to ASBS Location
 Deliver To Attention: Tom Lange: 401 N. Bendix Drive: South Bend, Indiana 46620
 Number of Samples: 4 *PER SURVIN 11-1-94*
 Date Required: 11/25/94 Date Received:

PART #: <u>2234330</u> REV: <u>A</u> DATED: <u>09/14/94</u> DESCRIPTION: <u>Assy - Pressure Switch</u> SUPPLIER: <u>Texas Instruments</u> CODE: <u>09070</u> SURVEY SCORE: <u>E2 (06/31/91)</u> REASON FOR SUBMISSION: <u>Initial Sample</u>	NMR NO: <u>GP-0269 & 60: EN-114 M/C</u> PRODUCT: <u>Master Cylinder (60)</u> CUSTOMER: <u>Ford Motor Company</u> ASBS USING PLANTS: <u>Galatin (154)</u>
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SCI Contact: Brian Murdoch 219-237-9499

Buyer:

Exptl. Meet Date:	Rec'd Yes/No	Approved Date	By	Rejected Date	By
I. SUPPLIER INFORMATION REQUIRED					
A. Part Submission Warrant (AIAG - PPAP)	Yes				
B. Process Flow Chart	Yes				
C. Process FMEA (RPN 50-100: RPN >100:)	Yes				
Last Rev. Date: <u>1/10/94</u>					
D. Control Plan	Yes				
Last Rev. Date: <u>1/10/94</u>					
E. Dimensional Layout with Numbered Print	Yes				
F. Process Potential Study (Design Charac.)	Yes				
G. Material and Other Eng Spec Certification	Yes				
Spec: <u>Compound #:</u>					
H. Supplier Functional Testing	Yes				
J. Other (See Remarks in Section V.)	Yes				
II. ASBS FUNCTIONAL TESTING	Yes				
Last Test Date: <u>EA Switch 100% Functional Tested</u>					
III. CFT APPROVING AUTHORITIES					
A. Product Engineering	No				
B. Plant Quality Engineering	No				
C. Plant Manufacturing Engineering	No				
IV. ASBS CUSTOMER APPROVAL	No				
(Other than ISW i.e. SREA, Black Box, etc.)					
V. REMARKS/SPECIAL INSTRUCTIONS (Design FMEA, Special Gages, Special Samples, Packages, Etc.)					
<u>J. Need Production Readiness Assessment and must include 8000 pieces. Inspection plan per AS9000 sec. 2</u>					

Plant Approval on This Form by ASBS Supply Base Management Authorizes Release of Purchased Parts.
APPROVED: _____ **DATE:** _____
 For Reauthorization, Current Approval Expires

On time delivery? Approved 1st time?

PPM:

TI-NHTSA 7423



AlfredSignal Inc.
Braking Systems-North America
401 N. Bendix Drive
P.O. Box 4001
South Bend, IN 46634-4001

219 237 2100

October 5, 1994

Texas Instruments
34 Forest Street
Attleboro, Massachusetts 02703

ATTENTION: Jim Watt
Tel #: 508-699-3090 Fax #: 508-699-3153

SUBJECT: Sample Submission Requirements, Dates, and Quantities
Initial Sample on SSW # SBD42026
Part No. 2234330 - Revision A - Dated 09/14/94
Description: Assy - Pressure Switch

This letter is your notification that a sample submission is required on the subject part number. As an ASBS supplier you have been given AS2000, Supplier Quality Requirements Manual, which identifies the supplier's responsibilities. The specific sample requirements for the subject part are identified on the attached Part Submission Warrant Request. These requirements should be submitted in accordance with Attachment A.

Submission requirements are as follows.

Submission Level 3: Warrant & Documents & Parts Delivered to ASBS Location.

Number of sample parts required: -8- ✓

Submission date: On or before 11/25/94.

If delivered to ASBS, clearly identify all sample submissions and related documentation. If piece parts are required please label the container with the enclosed orange sample labels and deliver to:

ATTENTION: Tom Lange
AlfredSignal Braking Systems
401 North Bendix Drive
South Bend, Indiana 46620

N/A

Should you have any questions, please call me at 219-237-5679, or you may call the responsible SQI engineer whose name and extension appear on the Part Submission Warrant Request. If you wish to contact me via fax, you may do so on 219-237-2086.

Sincerely,

Pamela Stabugh
Sample Administrator

cc: File

TI-NHTSA 7425



Part Submission Warrant

Part Name <u>ASSY - PRESSURE SWITCH</u>		Part Number <u>2234330</u>	
Safety and/or Government Regulation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Engineering Drawing change level <u>A</u>	Dated <u>09/14/94</u>
Additional Engineering Changes <u>N/A</u>		Dated <u>N/A</u>	
Shown on Drawing No. <u>2234330</u>	Purchase Order No. <u>N/A</u>	Weight <u>0.63 Kg</u>	
Checking Aid No. <u>N/A</u>	Engineering Change level <u>N/A</u>	Dated <u>N/A</u>	

SUPPLIER MANUFACTURING INFORMATION Supplier Name <u>TEXAS INSTRUMENTS</u> <u>87070</u> <small>Supplier Code</small> <u>34 Forest St. ms 12-07</u> <u>P.O. Box 2964</u> Street Address <u>ATT. MA. 02703-0964</u> <small>City/State/Postal Code</small>	SUBMISSION INFORMATION <input checked="" type="checkbox"/> Dimensional <input checked="" type="checkbox"/> Material/Functional <input checked="" type="checkbox"/> Appearance Customer Name/Division <u>Ford Motor Co</u> Buyer/Buyer Code <u>N/A</u> Application <u>Master Cylinder</u>
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REASON FOR SUBMISSION

<input checked="" type="checkbox"/> Initial submission	<input type="checkbox"/> Change to Optional Construction or Material
<input type="checkbox"/> Engineering Change(s)	<input type="checkbox"/> Sub-Supplier or Material Source Change
<input type="checkbox"/> Tooling: Transfer, Replacement, Refurbishment, or additional	<input type="checkbox"/> Change in Part Processing
<input type="checkbox"/> Correction of Discrepancy	<input type="checkbox"/> Parts Produced at Additional Location
<input type="checkbox"/> Other - please specify _____	

REQUESTED SUBMISSION LEVEL (Check one)

Level 1 - Warrant, Appearance Approval Report (for designated appearance items only).

Level 2 - Warrant, Parts, Drawings, Inspection Results, Laboratory and Functional Results, Appearance Approval Report

Level 3 - At Customer Location - Warrant, Parts, Drawings, Inspection Results, Laboratory and Functional Results, Appearance Approval Report, Process Capability Results, Capability Study, Process Control Plan, Gage Study, FMEA.

Level 4 - Per Level 3, but without parts.

Level 5 - At Supplier Location - Warrant, Parts, Drawings, Inspection Results, Laboratory and Functional Results, Appearance Approval Report, Process Capability Results, Capability Study, Process Control Plan, Gage Study, FMEA.

SUBMISSION RESULTS

The results for dimensional measurements material and functional tests and appearance criteria and statistical process package meet all drawing and specification requirements: Yes No (If "No" - Explanation Required)

DECLARATION

I affirm that the samples represented by this warrant are representative of my parts and have been made to the applicable customer drawings and specifications and in the case of production samples, are made from specified materials on regular production tooling with no operations other than the regular production process. I have noted any deviations from this declaration below:

EXPLANATION/COMMENTS: NOTE - NO ORANGE SAMPLE LABELS WERE RECEIVED.

Print Name J. WATT Title QA ENG. Phone No. 508-236-1719

Supplier Authorized Signature _____ Date _____

FOR CUSTOMER USE ONLY

Part Disposition Approved Rejected Other _____

Customer Name _____ Customer Signature _____ Date _____



AlliedSignal Inc.
Braking systems-North America
401 N. Bendix Drive
P.O. Box 4011
South Bend, IN 46634-4011

319 257 2100

Part Submission Warrant Request

Date Initiated: 09/30/94 Warrant No: SED42026 Initiated By: SOL
 Submission Level: 3: Warrant & Documents & Parts Delivered to ASBS Location
 Deliver To Attention: Tom Lange: 401 N. Bendix Drive: South Bend, Indiana 46620
 Number of Samples: 4
 Date Required: 11/26/94 Date Received:

PART # : <u>2236830</u> REV: <u>A</u> DATED: <u>09/14/94</u> DESCRIPTION: <u>Assy - Pressure Switch</u> SUPPLIER: <u>Texas Instruments</u> CODE: <u>88070</u> SURVEY SCORE: <u>82 (06/31/91)</u> REASON FOR SUBMISSION: <u>Initial Sample</u>	NMR NO: <u>GP-0258 & 80: EN-114 M/C</u> PRODUCT: <u>Master Cylinder (80)</u> CUSTOMER: <u>Ford Motor Company</u> ASBS USING PLANTS: <u>Galesith (154)</u>
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SOB Contact: Shawn Murdoch 219-237-2490

Buyer:

Expect. Meet Date:

Rec'd Yea/Mo	Approved Date	Ex	Selected Date	Ex
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I. SUPPLIER INFORMATION REQUIRED

- | | |
|---|------------|
| A. Part Submission Warrant (AIAG - PPAP) | <u>Yes</u> |
| B. Process Flow Chart | <u>Yes</u> |
| C. Process FMEA (RPN 80-100: RPN >100:)
Last Rev. Date: | <u>Yes</u> |
| D. Control Plan
Last Rev. Date: | <u>Yes</u> |
| E. Dimensional Layout with Numbered Print | <u>Yes</u> |
| F. Process Potential Study (Design, Charac.) | <u>Yes</u> |
| G. Material and Other Eng Spec Certification
Spec: Compound #: | <u>Yes</u> |
| H. Supplier Functional Testing | <u>Yes</u> |
| J. Other (See Remarks in Section V.) | <u>Yes</u> |

II. ASBS FUNCTIONAL TESTING

Last Test Date: Yes

III. CFT APPROVING AUTHORITIES

- | | |
|------------------------------------|-----------|
| A. Product Engineering | <u>No</u> |
| B. Plant Quality Engineering | <u>No</u> |
| C. Plant Manufacturing Engineering | <u>No</u> |

IV. ASBS CUSTOMER APPROVAL

(Other than HW La. SREA, Black Box, etc.) No

V. REMARKS/SPECIAL INSTRUCTIONS (Design FMEA, Special Gages, Special Samples, Packages, Etc.)

J. Need Production Readiness Assessment and must include 2000 pieces. Inspection plan per AS2000 sec. 2.

Final Approval on This Form by ASBS Supply Base Management Authorizes Release of Purchased Parts.

APPROVED: _____ DATE: _____

For Recertification, Current Approval Expires

On time delivery? Approved 1st time?

PPM:

WARRANT

TI-NHTSA 7428

Part Submission Warrant

Part Name <u>ASST.-PRESSURE SWITCH</u>		Part Number <u>2234330</u>	
Safety and/or Government Regulation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Engineering Drawing change level <u>A</u>	Date <u>09/14/94</u>
Additional Engineering Changes <u>N/A</u>		Date <u>N/A</u>	
Shown on Drawing No. <u>2234330</u>	Purchase Order No. <u>N/A</u>	Weight <u>.063</u> Kg	
Checking Aft No. <u>N/A</u>	Engineering Change level <u>N/A</u>	Date <u>N/A</u>	

SUPPLIER MANUFACTURING INFORMATION <u>TEXAS INSTRUMENTS, INC.</u> <u>89070</u> <small>Supplier Code</small> <u>34 FOREST ST. rd 12-27</u> <u>P.O. BOX 2964</u> <small>Street Address</small> <u>ATTLEBORO, MA 02703-0964</u> <small>City/State/Postal Code</small>	SUBMISSION INFORMATION <input checked="" type="checkbox"/> Dimensional <input checked="" type="checkbox"/> Material/Functional <input checked="" type="checkbox"/> Appearance Customer Name/Division <u>FORD MOTOR CO.</u> Buyer/Buyer Code <u>N/A</u> Application <u>MASTER CYLINDER</u>
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REASON FOR SUBMISSION

<input checked="" type="checkbox"/> Initial submission	<input type="checkbox"/> Change in Optional Construction or Material
<input type="checkbox"/> Engineering Change(s)	<input type="checkbox"/> Sub-Supplier or Material Source Change
<input type="checkbox"/> Tooling Transfer, Replacement, Reliability, or additional	<input type="checkbox"/> Change in Part Processing
<input type="checkbox"/> Correction of Discrepancy	<input type="checkbox"/> Parts Produced at Additional Location
<input type="checkbox"/> Other - please specify _____	

REQUESTED SUBMISSION LEVEL (Check one)

<input type="checkbox"/> Level 1 - Warrant, Appearance Approval Report (for designated appearance items only).
<input type="checkbox"/> Level 2 - Warrant, Parts, Drawings, Inspection Results, Laboratory and Functional Results, Appearance Approval Report
<input checked="" type="checkbox"/> Level 3 - At Customer Location - Warrant, Parts, Drawings, Inspection Results, Laboratory and Functional Results, Appearance Approval Report, Process Capability Results, Capability Study, Process Control Plan, Gage Study, FMEA
<input type="checkbox"/> Level 4 - Per Level 3, but without parts.
<input type="checkbox"/> Level 5 - At Supplier Location - Warrant, Parts, Drawings, Inspection Results, Laboratory and Functional Results, Appearance Approval Report, Process Capability Results, Capability Study, Process Control Plan, Gage Study, FMEA

SUBMISSION RESULTS

The results for dimensional measurements material and functional tests and appearance criteria and statistical process package meet all drawing and specification requirements: Yes No (If "No" - Explanation Required)

DECLARATION

I affirm that the samples represented by this warrant are representative of our parts and have been made to the applicable customer drawings and specifications and in the case of production samples, are made from specified materials on regular production tooling with no operations other than the regular production process. I have noted any deviations from this declaration below:

EXPLANATION/COMMENTS: NOTE: no orange sample labels were received.

Print Name J. WATT Title QA ENGINEER Phone No. (508)236-1719
 Supplier Authorized Signature [Signature] Date 11/8/94

FOR CUSTOMER USE ONLY			
Part Disposition	<input type="checkbox"/> Approved	<input type="checkbox"/> Rejected	<input type="checkbox"/> Other _____
Customer Name	Customer Signature	Date	



34 Forest Street
P.O. Box 2864
Andover, MA 02703-0964
(508) 236-3800

November 28, 1994

Allied Signal Inc.
Braking Systems-North America
401 N. Bendix Drive
P.O. Box 4001
South Bend, In. 46634-4001

Attn: Mr. Shawn Marloch
Supplier Quality Improvement

Subj: Part Submission Warrant (PSW) Part No. 2234330 Amended Dimensional Layout
Pressure Switch (TI p.n. 77P6L3-1)
ASBS Using Plant: Gallatin (154)

Ref: My 11/28/94 Telephone Call

Dear Shawn,

Enclosed, please find the amended dimensional layout for the Part Submission Warrant (PSW) for the pressure switch no. 2234330. The amended document provides additional information that should improve clarity of communications for the dimensional layout. Also included is a copy of the Production Readiness Summary for the pressure switch, and a summary of the Cpk for the calibration of the switch (Cpk of 2.28) as you had requested.

Please let me know if you have any questions. I can be reached at (508) 236-1719.

Regards,


Jim Watt
QRA Engineer
Precision Controls Department

encl: Amended Dimensional Layout For Part Submission Warrant (PSW)
Production Readiness Summary
Cpk Summary (Calibration)

cc: Tim Spooner, MS 12-33; Gary Snyder, MS 12-33
Norm Freds, TI-FSE, Novi, Michigan
Andy McGuirk, MS 12-27

DIMENSIONAL RESULTS						
SUPPLIER: TEXAS INSTRUMENTS, INC.						
ALLIED SIGNAL, P/N 3234336 - FORD P/N PLAC-6F824-AA						
ASSY. PRESSURE SWITCH						
SPEC. #	DIMENSION	CAV. # A	CAV. # B	CAV. # C	CAV. # D	PASS/FAIL
1	2.58-2.80 2x	2.685	2.671	2.657	2.672	(Width of terminal #1)
	TOP 25.0 FAC	2.483	2.488	2.608	2.437	(Actual T/P Readings)
	(To Datum -A-)	0.012	0.02	0.138	0.028	(True Position of #1)
		2.691	2.67	2.66	2.632	(Width of terminal #2)
		2.32	2.364	2.271	2.344	(Actual T/P Readings)
	(To Datum -A-)	0.144	0.101	0.194	0.121	(True Position of #2)
	SECTION (C)-C-	0	-	-	-	(To Datum C Terminal #1)
	SECTION (D)-C-	0.144	-	-	-	(To Datum C Terminal #2)
2	COLOR-NATURAL	YES	YES	YES	YES	
3	6.30-6.72 2x	6.477	6.602	6.484	6.667	
		6.484	6.467	6.601	6.62	
4	25DEG +/-3DEG 2x	24D 18	24D 02	24D 40	24D 28	
		24D 30	25D 06	24D 06	24D 30	
5	16.85-16.76	16.88	16.87	16.88	16.80	
6	2.64-3.05	2.948	2.926	2.834	2.928	(Width of TAB)
	(To Datum -A-)	0.051	0.053	0.05	0.051	(True Position of TAB)
	(CROSS) actual	3.353	3.363	3.298	3.382	(Actual T/P Readings)
7	11.40-11.90	11.757	11.782	11.779	11.767	
8	19.45-19.64	19.74	19.79	19.75	19.78	
9	1.55-2.05	1.933	1.985	2.017	1.988	
10	1.24-1.68	1.388	1.406	1.407	1.418	
11	6.65-6.81	6.7	6.691	6.702	6.717	
12	11.60-11.92	11.765	11.780	11.782	11.774	
13	.28-.78 2x	.474 .467	.509 .375	.494 .484	.473 .515	
14	2.78-3.10 2x	2.808	2.808	2.807	2.808	
		2.803	2.9	2.9	2.814	
15	19.05 MAX	18.762	18.84	18.831	18.868	
16	1.24-1.45	1.307	1.304	1.27	1.285	
17	NO FLASH/BURRS	OK	OK	OK	OK	
18	2.78-3.41	3.107	3.182	3.192	3.121	
19	.64-1.30	1.187	1.18	1.195	1.122	
20	11.65-12.17 2x	11.853	11.87	11.875	11.817	
		11.872	11.881	11.885	11.782	
21	12.58-13.11 2x	12.784	12.774	12.788	12.825	
		12.808	12.818	12.815	12.84	
22	57.15 MAX	55.86	55.88	55.87	55.84	
23	9.38-9.85	9.5	9.58	9.547	9.588	
24	6.12 MIN	6.308	6.28	6.3	6.304	
25	14.23 MAX	13.88	13.782	13.822	13.814	
26	1.65-2.04	1.822	1.824	1.838	1.788	
27	7.82-8.03	7.98	8	8	7.95	
28	40-60DEG CHAMP.	43D 30	SECTIONED PART			
29	1.10-1.40	1.173	1.282	1.208	1.28	
30	41-60DEG	41D 30	SECTIONED PART			
31	7.18.16 D I	0.127	0.125	0.128	0.127	(RMS readings)
	2.5 75 = 0.88	50√	22√	80√	50√	(values in microns)
32	38-34UNF-2ATHD	OK	OK	OK	OK	
	SEE NOTE ON 3A	-	-	-	-	
33	D.C. & PART #	OK	OK	OK	OK	
34	5.58-5.85	5.658	5.634	5.634	5.688	
35	7.23-7.37	7.367	7.35	7.321	7.378	
36	3.30-3.80	3.44	3.488	3.433	3.48	
37	14.02-14.53 HEX	14.293	14.218	14.214	14.248	

38	32.51 MAX	31.77	31.75	31.75	31.8				
36	0.62-0.68 2PL	0.634	0.644	0.632	0.642				
		0.654	0.658	0.65	0.653			(l. View)	11/28/96

DIMENSIONAL RESULTS						
SUPPLIER TEXAS INSTRUMENTS, INC.						
ALLIED SIGNAL PIN 284336 - FORD PIN FLAG-8F924-AA						
ASSY. PREBURE SWITCH						
SPEC. #	DIMENSION	CAV. # A	CAV. # B	CAV. # C	CAV. # D	PASS/FAIL
1	2.00-2.80 2x	2.685	2.671	2.657	2.672	
	2x @ DAC	2.455	2.465	2.608	2.457	
	-A-	0.012	0.02	0.138	0.028	
		2.901	2.67	2.98	2.632	
	ACTUAL	2.32	2.354	2.271	2.344	
	-A-	0.144	0.101	0.194	0.121	
	SECTION + C-	0	-	-	-	
	SECTION + C-	0.144	-	-	-	
2	COLOR/NATURAL	YES	YES	YES	YES	
3	8.50-8.72 2x	8.477	8.552	8.484	8.557	
		8.484	8.457	8.551	8.52	
4	280EG-4-3080 2x	24D 18	24D 02	24D 47	24D 25	
		24D 39	25D 05	24D 05	24D 37	
5	16.68-16.78	16.68	16.67	16.68	16.69	
6	2.64-3.08	2.948	2.925	2.834	2.925	
	@ 0.1 @ A actual	3.383	3.383	3.388	3.382	
7	11.45-11.65	11.767	11.782	11.775	11.767	
8	18.48-18.54	18.74	18.79	18.78	18.78	
9	1.88-2.08	1.833	1.903	2.017	1.988	
10	1.24-1.85	1.358	1.455	1.407	1.418	
11	8.60-8.81	8.7	8.801	8.752	8.717	
12	11.80-11.92	11.786	11.788	11.782	11.774	
13	25.78 2x	474.457	500.875	494.454	478.815	
14	2.75-3.10 2x	2.908	2.908	2.907	2.908	
		2.903	2.9	2.9	2.914	
15	18.05 MAX	18.782	18.84	18.531	18.888	
16	1.24-1.40	1.307	1.304	1.27	1.285	
17	NO FLASH/BURR	OK	OK	OK	OK	
18	2.78-3.41	3.107	3.182	3.182	3.121	
19	.98-1.20	1.187	1.18	1.183	1.122	
20	11.85-12.17 2x	11.853	11.87	11.875	11.817	
		11.872	11.881	11.805	11.782	
21	12.60-13.11 2x	12.784	12.774	12.788	12.829	
		12.858	12.918	12.918	12.94	
22	57.15 MAX	55.85	55.85	55.87	55.84	
23	9.38-9.88	9.3	9.85	9.347	9.588	
24	8.12 MAX	8.308	8.28	8.53	8.304	
25	14.23 MAX	13.85	13.782	13.802	13.614	
26	1.82-2.04	1.822	1.834	1.836	1.788	
27	7.82-8.03	7.88	8	8	7.98	
28	40-60 DEG CHAMP.	43D 87	SECTIONED PART			
29	1.10-1.40	1.173	1.282	1.203	1.28	
30	41-49 DEG	41D 39	SECTIONED PART			
31	+ 0.18 D					
	28.75 - .38"	30.7	22.7	80.7	80.7	
32	36-60 DEG 3AYHD	OK	OK	OK	OK	
	SEE NOTE ON 3A	-	-	-	-	
33	D.C.A PART #	OK	OK	OK	OK	
34	5.88-6.85	5.808	5.834	5.834	5.888	
35	7.25-7.37	7.367	7.35	7.321	7.375	
36	3.30-3.80	3.44	3.485	3.433	3.45	
37	14.85-14.85 HEX	14.233	14.218	14.214	14.246	
38	32.51 MAX	31.77	31.75	31.75	31.8	
39	0.68-0.88 2PL	0.634	0.644	0.632	0.642	
		0.654	0.658	0.65	0.653	

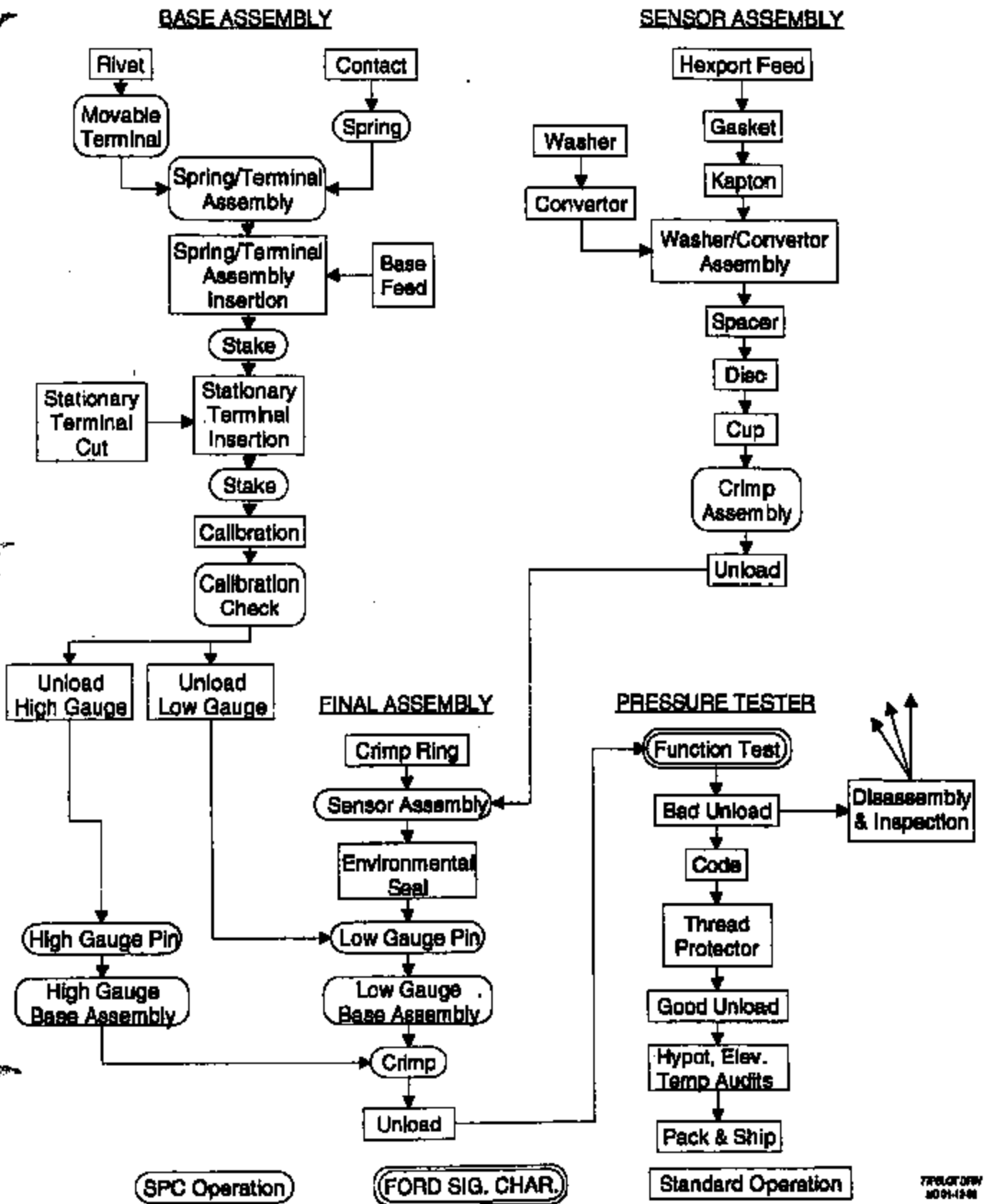
car11-04

**DRAWINGS AVAILABLE UPON
REQUEST**

**PROCESS/FLOW
CONTROL PLAN**

TI-NHTSA 7436

FORD NEXT GENERATION SPEED CONTROL (77PS) QUIET SWITCH PROCESS FLOW CHART



77PS/070W
3001-1500

**FORD NEXT GENERATION SPEED CONTROL (77PS)
MANUFACTURING CONTROL PLAN
77PSL QUIET SWITCH**

PROCESS STEP DESCRIPTION	PRODUCT CHARACTERISTICS	EVALUATION METHOD	CONTROL METHOD	FREQUENCY OF TEST	REACTION PLAN
BASE ASSEMBLY (AMI AUTOMATION)	TERMINAL HEIGHT	DIAL INDICATOR	X/R	5pc/Hr.	SORT SINCE LAST CHECK
	TERMINAL PUSHOUT	FORCE GAGE/ DIAL INDICATOR	X/R	5pc/Hr.	SORT SINCE LAST CHECK
	TERMINAL SEPARATION/ ALIGNMENT	PLUG GAGE	X/R	5pc/Hr.	SORT SINCE LAST CHECK
	SPRING ANGLE (B)	COMPARATOR	X/R	5pc/4Hr.	SORT SINCE LAST CHECK
	SPRING CONTACT WIDTH	CALIPERS	X/R	5pc/Hr.	SORT SINCE LAST CHECK
	SPRING TORQUE	FORCE GAGE	X/R	5pc/Hr.	SORT SINCE LAST CHECK
	SPRING BUMP HGHT (B)	CALIPERS	X/R	5pc/4Hr.	SORT SINCE LAST CHECK
	RIVET HEIGHT	DIAL INDICATOR	X/R	5Pc/Hr.	SORT SINCE LAST CHECK
	CALIBRATION DEFORMATION	CUSTOM CONTINUITY SYSTEM	X/R	5pc/Hr.	SORT SINCE LAST CHECK
VISUAL QUALITY	VISUAL	X/R	5pc/Hr.	SORT SINCE LAST CHECK	
SENSOR ASSEMBLY	CRIMP DIAMETER	CALIPERS	X/R	5pc/Hr.	SORT SINCE LAST CHECK
	CRIMP HEIGHT	CALIPERS	X/R	5pc/Hr.	SORT SINCE LAST CHECK
	VISUAL QUALITY	VISUAL	P	5pc/Hr.	SORT SINCE LAST CHECK

Revision: B

30 March 1993 MJS/cnr 77CONTLF.XLS 050-0134

TI-NHTSA 7438

**FORD NEXT GENERATION SPEED CONTROL (77PS)
MANUFACTURING CONTROL PLAN
77PSL QUIET SWITCH**

<u>PROCESS STEP DESCRIPTION</u>	<u>PRODUCT CHARACTERISTICS</u>	<u>EVALUATION METHOD</u>	<u>CONTROL METHOD</u>	<u>FREQUENCY OF TEST</u>	<u>REACTION PLAN</u>
FINAL ASSEMBLY (AMI AUTOMATION)	CRIMP DIAMETER (B)	GO/NO-GO GAGE	P	5pc/Hr.	SORT SINCE LAST CHECK
	CRIMP HEIGHT (B)	GO/NO-GO GAGE	P	5pc/Hr.	SORT SINCE LAST CHECK
	BASE TORQUE	TORQUE GAGE	X/R	5pc/Hr.	SORT SINCE LAST CHECK
	CODE CRIMP RING/ DIAMETER-LEGIBILITY	PLUG-VISUAL	P	5pc/Hr.	SORT SINCE LAST CHECK
	PIN HEIGHT (B)	DIAL INDICATOR	P	100%	SEPARATE FAILED LOT. PRODUCT TEAM REVIEW.
FUNCTION TESTER (CUSTOM)	ACTUATION/RELEASE POINTS (Ford Significant Char.)	MASTERS	X/R	EACH SHFT	E N G I N E E R I N G EVALUATIONS
	ACTUATION/RELEASE POINTS	RAMP THROUGH PRESSURE RANGE	P	100%	YIELD TRACKING/ SCRAP CONTROL
PRODUCT AUDITS (PRODUCTION)	HIGH PINNING (B)	CUSTOM HYPOT SYSTEM/P		20PC/LOT	SEPARATE FAILED LOT. PRODUCT TEAM REVIEW.
	LOW PINNING (B)	OVEN/CONT METER	P	10pc/Lot	SEPARATE FAILED LOT. PRODUCT TEAM REVIEW.
Q.C. AUDITS	* OUTLINED IN DETAIL IN TEXAS INSTRUMENTS (QAS 209), FMC * ELEVATED TEMP IMPULSE CYCLING AUDITS. FREQUENCY TBD. PER DELTA ES-F2VC-9F924-AA SEC.III-E				

Revision: B

30 March 1993 MJS/mjs 77QCONT.B.XLS 050-0134

TI-NHTSA 7439

CAPABILITY
STUDIES

TI-NHTSA 7440

JAN. 94

ELCO INDUSTRIES, INC. CAPABILITY ANALYSIS

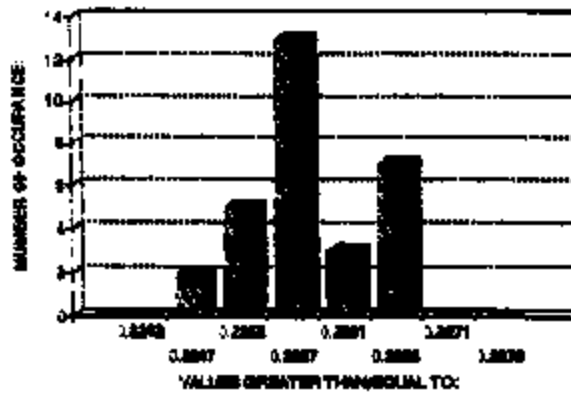
CUST: Texas Instrument	ELCO P/N:	304-087-837270
P/N: 38900-1	DATE:	12-15-93
CHAR: Counterbore Diameter	SPECS: UPPER:	0.230
	LOWER:	0.220 TOL: 0.010

RAW DATA

CELL1	CELL2	CELL3	CELL4	CELL5	CELL6	CELL7	CELL8	CELL9	CELL10
0.2280	0.2287	0.2284	0.2293	0.2287	0.2281				
0.2291	0.2288	0.2271	0.2287	0.2289	0.2284				
0.2287	0.2286	0.2287	0.2283	0.2280	0.2280				
0.2283	0.2280	0.2284	0.2288	0.2280	0.2271				
0.2280	0.2287	0.2280	0.2287	0.2271	0.2284				

SIGMA:	0.00084	SKEDNESS:	0.006
CP:	2.82	KURTOSIS:	-0.625
CPK:	2.08	AVERAGE:	0.2280
CP:	33.17%		

HISTOGRAM



after plate

ELCO INDUSTRIES, INC. CAPABILITY ANALYSIS

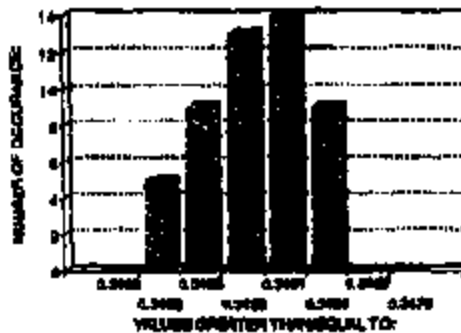
CLIST: Texas Instruments	ELCO P/N: 304-087-837270
P/N: 38800-1	DATE: 10-14-84
CHAR: Pin Diameter	SPEC: UPPER: 0.3478
	LOWER: 0.3458 TOL: 0.0048

RAW DATA

CELL-1	CELL-2	CELL-3	CELL-4	CELL-5	CELL-6	CELL-7	CELL-8	CELL-9	CELL-10
0.3468	0.3469	0.3468	0.3468	0.3468	0.3467	0.3468	0.3468	0.3469	0.3468
0.3469	0.3468	0.3469	0.3467	0.3468	0.3467	0.3468	0.3468	0.3469	0.3468
0.3468	0.3467	0.3469	0.3468	0.3468	0.3468	0.3468	0.3468	0.3469	0.3467
0.3468	0.3468	0.3468	0.3469	0.3468	0.3468	0.3468	0.3467	0.3468	0.3468
0.3467	0.3468	0.3468	0.3469	0.3468	0.3468	0.3467	0.3468	0.3468	0.3468

SIGMA: 0.00039	SKEWNESS: -0.470
Cpk: 2.10	KURTOSIS: -0.604
Cpk: 1.87	AVERAGE: 0.3467
Cv: 47.60%	RANGE: 0.0016

HISTOGRAM



To: SHAWN MURDOCH

From: Elaine Rose

Subj: CAPABILITY STUDIES

THE FOLLOWING PAGES ARE ON THE BASE LOCKING TABS "SC" DIM.
8.30-8.72 2X. PLEASE NOTICE HALFWAY DOWN THE PAGE IS A NOTE SECTION,
IN IT I HAVE IDENTIFIED THE CAVITY LETTER AND WHETHER IT IS THE GATE
OR THE VENT SIDE OF EACH.

I HOPE THIS EXPLAINS EVERYTHING, PLEASE FEEL FREE TO CALL ME IF
YOU HAVE ANY QUESTIONS ON THESE.

REGARDS,

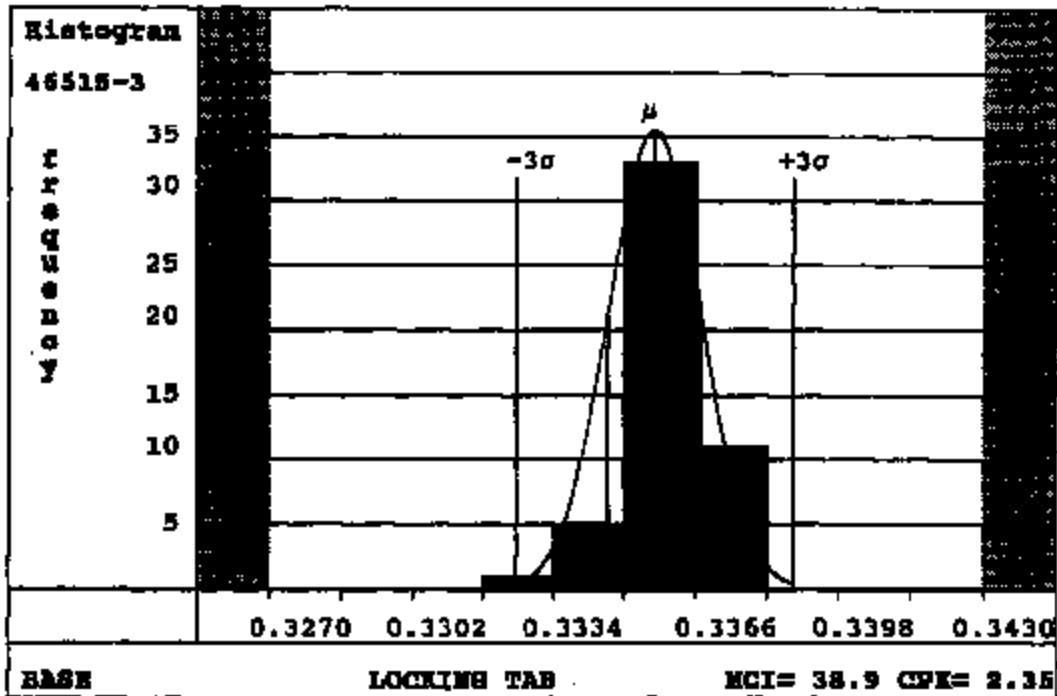
ELAINE ROSE
(508) 236-1907

TI-NHTSA 7443

analyst: ELAINE ROSE date: 10-25-94 time: 10:34
 part number: 46515-3 description: BASE
 customer: ALLIED SIGNAL product code: 088
 dimen. descrip: LOCKING TAB process:
 spec limits: lsl: .327 usl: .343

mean = 0.335680 sample size = 50
 sigma = 0.001039
 minimum = 0.333000
 maximum = 0.338000 range = 0.005000
 NCI = 38.9 Cpk = 2.35
 estimated percent out of spec = 0.00
 OHL = 0.00
 ULL = 0.00

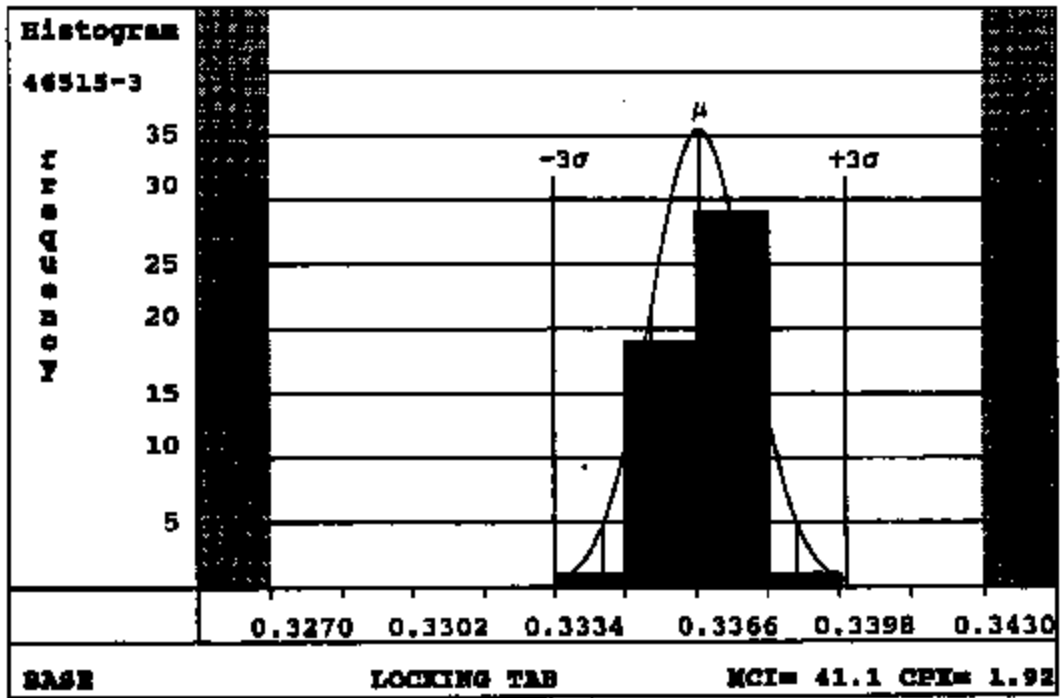
notes:
 CAVITY "A" GATE SIDE



analyst: ELAINE ROSE	date: 10-25-94	time: 10:49
part number: 46515-3	description: BASE	product code: 088
customer: ALLIED SIGNAL	process:	
dimen. descrip: LOCKING TAB		
spec limits: lsl: .327	usl: .343	

mean = 0.336680	sample size = 50
sigma = 0.001096	minimum = 0.334000
	maximum = 0.339000
	range = 0.005000
MCI = 41.1	Cpk = 1.92
estimated percent out of spec = 0.00	OHL = 0.00
	ULL = 0.00

notes: CAVITY "A" VENT SIDE



analyst: ELAINE ROSE **date:** 10-25-94 **time:** 10:58
part number: 46515-3 **description:** BASE
customer: ALLIED SIGNAL **product code:** 088
dimen. descrip: LOCKING TAB **process:**

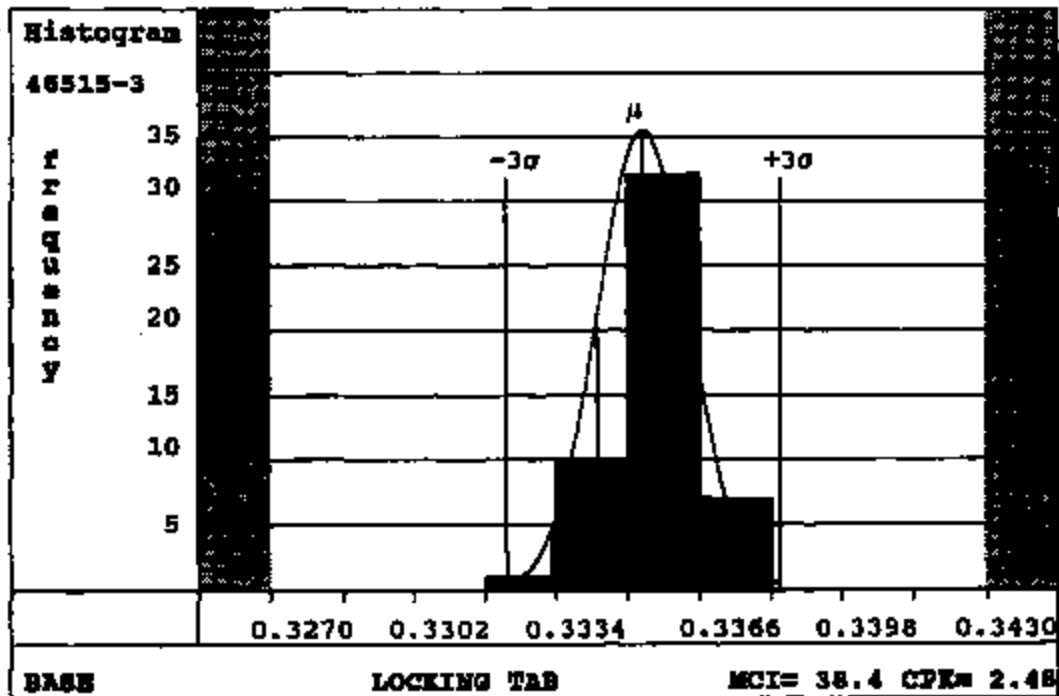
spec limits: lsl: .327 **usl:** .343

mean = 0.335360 **sample size =** 50
sigma = 0.001025
minimum = 0.333000
maximum = 0.337000 **range =** 0.004000

MCI = 38.4 **Cpk =** 2.48

estimated percent out of spec = 0.00
OHL = 0.00
ULL = 0.00

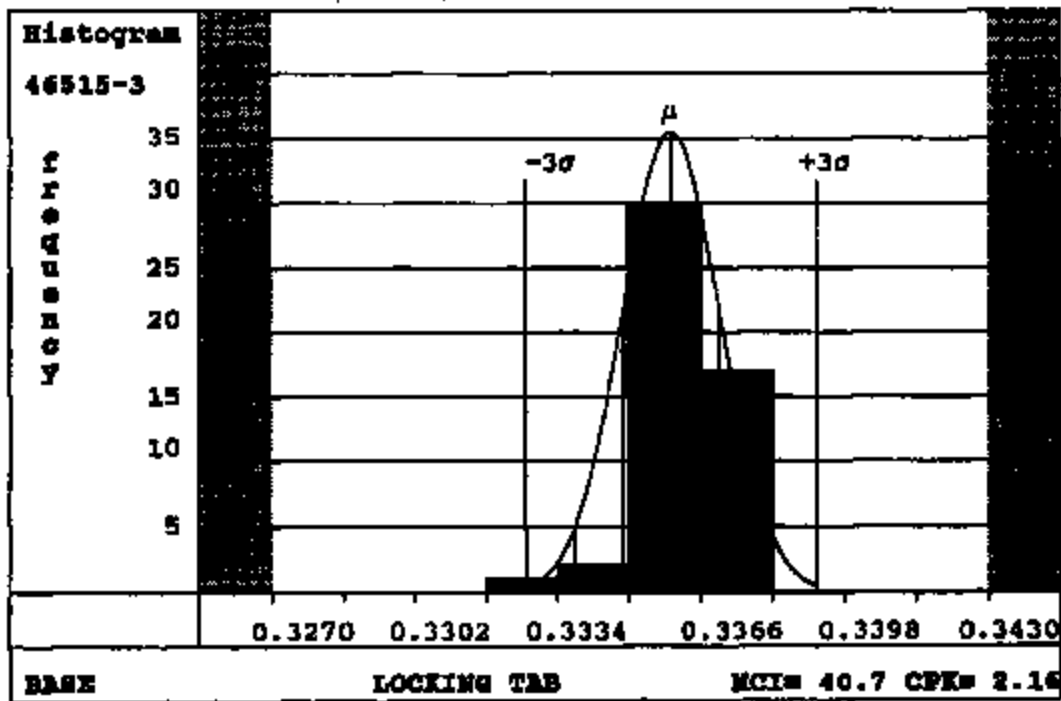
notes:
 CAVITY "B" GATE SIDE



analyst: ELAINE ROSE date: 10-25-94 time: 11:10
part number: 46515-3 description: BASE
customer: ALLIED SIGNAL product code: 088
dimen. descrip: LOCKING TAB process:
spec limits: lsl: .327 usl: .343

mean = 0.335960 sample size = 50
sigma = 0.001087
 minimum = 0.333000
 maximum = 0.338000 range = 0.005000
MCI = 40.7 Cpk = 2.16
estimated percent out of spec = 0.00
 OHL = 0.00
 ULL = 0.00

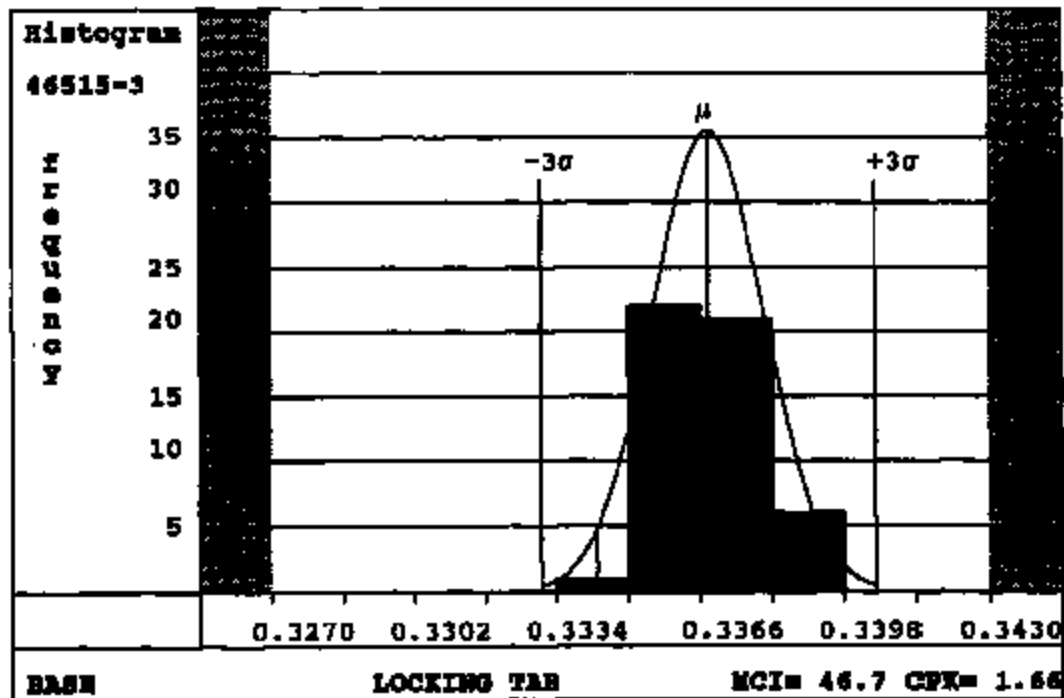
notes:
CAVITY "C" GATE SIDE



analyst: ELAINE ROSE date: 10-25-94 time: 11:14
 part number: 46515-3 description: BASE
 customer: ALLIED SIGNAL product code: 068
 dimen. descrip: LOCKING TAB process:
 spec limits: lsl: .327 usl: .343

mean = 0.336800 sample size = 50
 sigma = 0.001245
 minimum = 0.334000
 maximum = 0.339000 range = 0.005000
 MCI = 46.7 Cpk = 1.66
 estimated percent out of spec = 0.00
 OHL = 0.00
 ULL = 0.00

notes:
 CAVITY "C" VENT SIDE



analyst: ELAINE ROSE date: 10-25-94 time: 11:20
 part number: 46515-3 description: BASE
 customer: ALLIED SIGNAL product code: 088
 dimen. descrip: LOCKING TAB process:

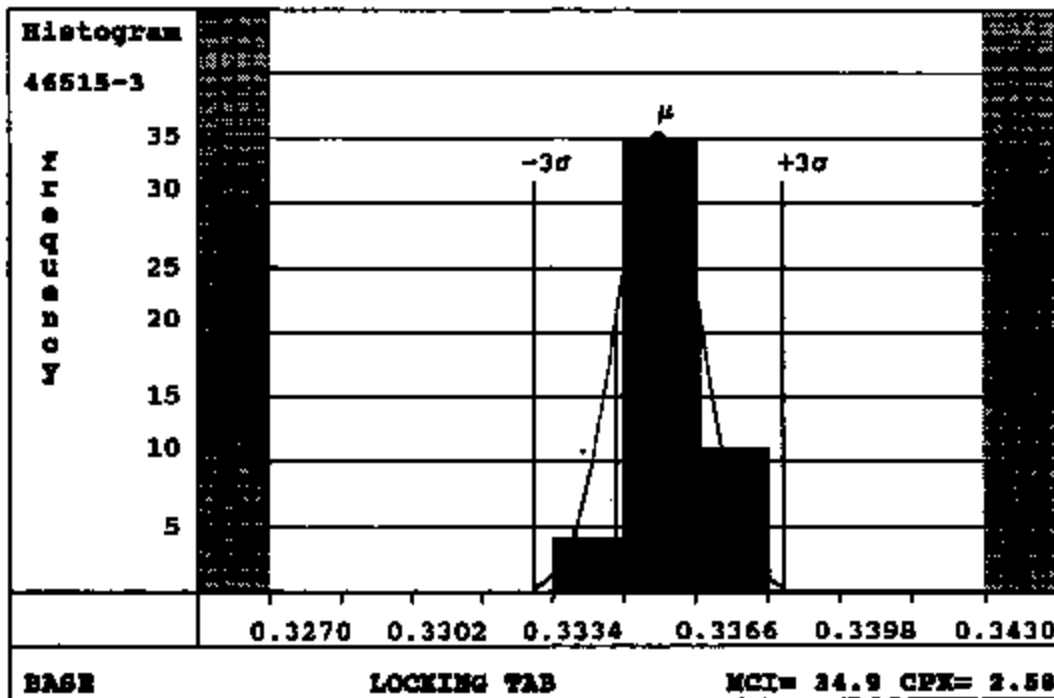
spec limits: lsl: .327 usl: .343

mean = 0.335780 sample size = 50
 sigma = 0.000932
 minimum = 0.334000
 maximum = 0.338000 range = 0.004000

MCI = 34.9 Cpk = 2.58

estimated percent out of spec = 0.00
 OHL = 0.00
 ULL = 0.00

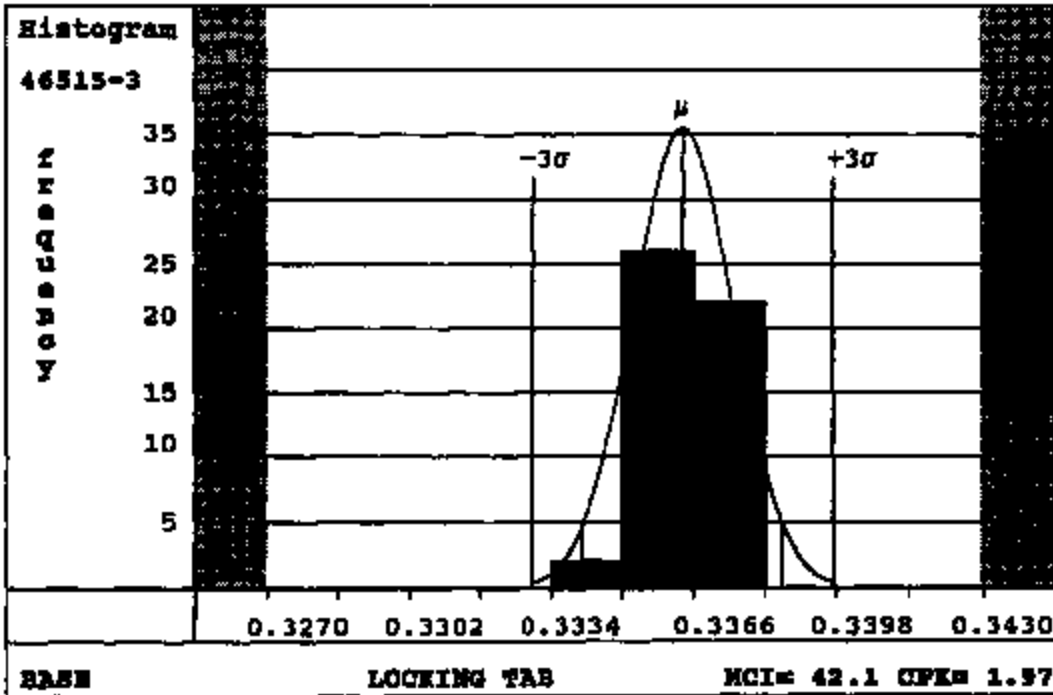
notes:
 CAVITY "D" GATE SIDE



analyst: ELAINE ROSE date: 10-25-94 time: 11:23
part number: 46515-3 description: BASE
customer: ALLIED SIGNAL product code: 088
dimen. descrip: LOCKING TAB process:
spec limits: lsl: .327 usl: .343

mean = 0.336380 sample size = 50
sigma = 0.001123
 minimum = 0.334000
 maximum = 0.338000 range = 0.004000
MCI = 42.1 Cpk = 1.97
estimated percent out of spec = 0.00
 OHL = 0.00
 ULL = 0.00

notes:
CAVITY "D" VENT SIDE



**DRAWINGS AVAILABLE UPON
REQUEST**

DFMEA/PFMEA

TI-NHTSA 7436

Project Name: [Illegible]

Contract Number: [Illegible]

Contract Date: [Illegible]

Part Name, System & Description	Proposed Action	Technical Support of Action	Functional Objectives of Action	Action Mechanism	Priority	Recommended Action	Appropriated Resources or Guidelines	ACTION	Status	Date	By	Checked	Reviewed	
														Priority
[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]

TI-NHTSA 7458

Part Name, Order & Description	Quantity	Material Code	Unit	Description	Unit	Material Code	Unit	Description	Unit	Description	Unit	Description	Unit	Description	Unit	Description	Unit	Description	Unit	Description	
...
...
...
...
...
...

TI-NHTSA 7461

File No: 100-447100-1000
 Division: 100-447100-1000
 Title: [Illegible]
 Date: [Illegible]

Part Name, Number & Description	Special Notes	Special Material of Origin	Part No.	Quantity	Material	Description	Part No.	Quantity	Material	Description	ACTION					
											Approved	Inspected	Released	Disposition		
[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]
[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]

TI-NHTSA 7462

Department of Health, Education and Welfare
 Public Health Service
 Division of Field Operations

Regulatory and Policy
 Section
 Division of Field Operations

Controlled by Form 101-1
 (Rev. 10-1-70)

Part Name, Number & Description	Principal Person	Principal Activity or Project	Priority	Estimated Budget of Values	Priority Verification	Status	Recommended Action	Appropriated Budget & Construction Status	ACTION		
									Start Date	End Date	Completion Date
101-1-1 Control of infectious diseases and other communicable diseases in the United States The program is being carried out in the form of a series of studies.	Dr. J. H. Brown Director, Division of Field Operations	Study to develop methods for the control of infectious diseases in the United States.	1	This program is properly specified.	1	1	Study to develop methods for the control of infectious diseases in the United States.	Study to develop methods for the control of infectious diseases in the United States.			
101-1-2 Control of infectious diseases and other communicable diseases in the United States.	Dr. J. H. Brown Director, Division of Field Operations	Study to develop methods for the control of infectious diseases in the United States.	2	This program is properly specified.	2	2	Study to develop methods for the control of infectious diseases in the United States.	Study to develop methods for the control of infectious diseases in the United States.			
101-1-3 Control of infectious diseases and other communicable diseases in the United States.	Dr. J. H. Brown Director, Division of Field Operations	Study to develop methods for the control of infectious diseases in the United States.	3	This program is properly specified.	3	3	Study to develop methods for the control of infectious diseases in the United States.	Study to develop methods for the control of infectious diseases in the United States.			

U.S. Army Corps of Engineers, Vicksburg District
 Vicksburg, Mississippi 39180
 Project No. 1049-1-1000

Project No. 1049-1-1000
 Project Name: Vicksburg Lock
 Project Location: Vicksburg, Mississippi

Approved for Issue
 Date: 01-20-2025

Part Name, Number & Description	Quantity	Material Specification	Unit	Material Description or Notes	Type of Material	Quantity	Unit	Estimated Cost	Actual Cost	Variance	ACTION			
											APPROVED	ISSUED	PAID	
See General and SPECIFIC notes on drawings and sheets. Includes quantity of material to be furnished by contractor.	1	As shown on drawings and sheets.	1	1.00 cu yd concrete (including reinforcement)	1	1.00	cu yd							
Concrete for walls, slabs, and curbs.	1	As shown on drawings and sheets.	1	1.00 cu yd concrete (including reinforcement)	1	1.00	cu yd							
Concrete for transfer beams.	1	As shown on drawings and sheets.	1	1.00 cu yd concrete (including reinforcement)	1	1.00	cu yd							
Concrete for exterior walls and slabs.	1	As shown on drawings and sheets.	1	1.00 cu yd concrete (including reinforcement)	1	1.00	cu yd							
Concrete for interior walls and slabs.	1	As shown on drawings and sheets.	1	1.00 cu yd concrete (including reinforcement)	1	1.00	cu yd							
Concrete for exterior walls and slabs.	1	As shown on drawings and sheets.	1	1.00 cu yd concrete (including reinforcement)	1	1.00	cu yd							
Concrete for interior walls and slabs.	1	As shown on drawings and sheets.	1	1.00 cu yd concrete (including reinforcement)	1	1.00	cu yd							
Concrete for exterior walls and slabs.	1	As shown on drawings and sheets.	1	1.00 cu yd concrete (including reinforcement)	1	1.00	cu yd							
Concrete for interior walls and slabs.	1	As shown on drawings and sheets.	1	1.00 cu yd concrete (including reinforcement)	1	1.00	cu yd							
Concrete for exterior walls and slabs.	1	As shown on drawings and sheets.	1	1.00 cu yd concrete (including reinforcement)	1	1.00	cu yd							
Concrete for interior walls and slabs.	1	As shown on drawings and sheets.	1	1.00 cu yd concrete (including reinforcement)	1	1.00	cu yd							
Concrete for exterior walls and slabs.	1	As shown on drawings and sheets.	1	1.00 cu yd concrete (including reinforcement)	1	1.00	cu yd							
Concrete for interior walls and slabs.	1	As shown on drawings and sheets.	1	1.00 cu yd concrete (including reinforcement)	1	1.00	cu yd							

TRANS 7484

Department of Justice, Federal Bureau of Investigation
Washington, D.C. 20535

Report of [redacted] [redacted]
Investigation of [redacted] [redacted]

Report of [redacted] [redacted]

Task No. & Description	Status	Priority	Date	By	Initials	Remarks	Responsible Supervisor	Action	Date	Time	Page	ACTION		
												Done	Not Done	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
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TI-NHTSA 7486

No. of Items, Under Review	Item	Description of Item	Priority	Action	Status	Date	Remarks	Responsible Person	Completion Date	ACTION		Date	Date	Date	
										Item	Date				
1. Review of 2. Review of 3. Review of 4. Review of 5. Review of 6. Review of	1. Review of 2. Review of 3. Review of 4. Review of 5. Review of 6. Review of	1. Review of 2. Review of 3. Review of 4. Review of 5. Review of 6. Review of	1. Review of 2. Review of 3. Review of 4. Review of 5. Review of 6. Review of	1. Review of 2. Review of 3. Review of 4. Review of 5. Review of 6. Review of	1. Review of 2. Review of 3. Review of 4. Review of 5. Review of 6. Review of	1. Review of 2. Review of 3. Review of 4. Review of 5. Review of 6. Review of	1. Review of 2. Review of 3. Review of 4. Review of 5. Review of 6. Review of	1. Review of 2. Review of 3. Review of 4. Review of 5. Review of 6. Review of	1. Review of 2. Review of 3. Review of 4. Review of 5. Review of 6. Review of	1. Review of 2. Review of 3. Review of 4. Review of 5. Review of 6. Review of	1. Review of 2. Review of 3. Review of 4. Review of 5. Review of 6. Review of	1. Review of 2. Review of 3. Review of 4. Review of 5. Review of 6. Review of	1. Review of 2. Review of 3. Review of 4. Review of 5. Review of 6. Review of	1. Review of 2. Review of 3. Review of 4. Review of 5. Review of 6. Review of	1. Review of 2. Review of 3. Review of 4. Review of 5. Review of 6. Review of

Part Name, Number & Description	Material Name	Quantity or Unit of Measure	Quantity	Material Category or Code	Notes	Recommended Action	Estimated Quantity & Cost	ACTING SECTION	DATE	INITIALS
1. Repairing electrical work from lightning or falling 2. Repairing areas of structural weakness in roof 3. Repairing electrical work from lightning or falling 4. Repairing electrical work from lightning or falling 5. Repairing electrical work from lightning or falling 6. Repairing electrical work from lightning or falling 7. Repairing electrical work from lightning or falling 8. Repairing electrical work from lightning or falling 9. Repairing electrical work from lightning or falling 10. Repairing electrical work from lightning or falling	1. High voltage electrical wire	High voltage electrical wire	1	Electrical material	Repairing electrical work from lightning or falling	Repairing electrical work from lightning or falling				
	2. High voltage electrical wire	High voltage electrical wire	1	Electrical material	Repairing electrical work from lightning or falling	Repairing electrical work from lightning or falling				
	3. High voltage electrical wire	High voltage electrical wire	1	Electrical material	Repairing electrical work from lightning or falling	Repairing electrical work from lightning or falling				
	4. High voltage electrical wire	High voltage electrical wire	1	Electrical material	Repairing electrical work from lightning or falling	Repairing electrical work from lightning or falling				
	5. High voltage electrical wire	High voltage electrical wire	1	Electrical material	Repairing electrical work from lightning or falling	Repairing electrical work from lightning or falling				
	6. High voltage electrical wire	High voltage electrical wire	1	Electrical material	Repairing electrical work from lightning or falling	Repairing electrical work from lightning or falling				
	7. High voltage electrical wire	High voltage electrical wire	1	Electrical material	Repairing electrical work from lightning or falling	Repairing electrical work from lightning or falling				
	8. High voltage electrical wire	High voltage electrical wire	1	Electrical material	Repairing electrical work from lightning or falling	Repairing electrical work from lightning or falling				
	9. High voltage electrical wire	High voltage electrical wire	1	Electrical material	Repairing electrical work from lightning or falling	Repairing electrical work from lightning or falling				
	10. High voltage electrical wire	High voltage electrical wire	1	Electrical material	Repairing electrical work from lightning or falling	Repairing electrical work from lightning or falling				

71-NHTSA 7498

Director General, Directorate of Fisheries, Government of Madhya Pradesh, Bhopal
 Other details furnished by: _____

Director and Head, Directorate of Fisheries, Government of Madhya Pradesh, Bhopal
 Other details furnished by: _____

Part, Para, Sub-para & Description	Proposed Action	Financial Details of Action	Priority	Financial Control of Action	Proc.	Other Specifications	Status	Remarks	Suggested Action	Administrative Approval & Completion Date	ACTION TAKEN			
											File No.	Date	By	Remarks
(1) (a) (i) (1) (1) (a) (i) (2) (1) (a) (i) (3)	(1) (a) (i) (1) (1) (a) (i) (2) (1) (a) (i) (3)	(1) (a) (i) (1) (1) (a) (i) (2) (1) (a) (i) (3)	(1) (a) (i) (1) (1) (a) (i) (2) (1) (a) (i) (3)	(1) (a) (i) (1) (1) (a) (i) (2) (1) (a) (i) (3)	(1) (a) (i) (1) (1) (a) (i) (2) (1) (a) (i) (3)	(1) (a) (i) (1) (1) (a) (i) (2) (1) (a) (i) (3)	(1) (a) (i) (1) (1) (a) (i) (2) (1) (a) (i) (3)	(1) (a) (i) (1) (1) (a) (i) (2) (1) (a) (i) (3)	(1) (a) (i) (1) (1) (a) (i) (2) (1) (a) (i) (3)	(1) (a) (i) (1) (1) (a) (i) (2) (1) (a) (i) (3)				
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