

FIRST ARTICLE INSPECTION - Section 1 PART NUMBER ACCOUNTABILITY

Sheet 1 OF 4

4. FAI Report Number AML REPORT # 12796
11. Supplier Code N/A

1. Part Number 1.1 1711349-001	5. Part Revision level 5.1 "A"	6. Drawing Number (s) A) 1711349	7. Drawing (s) revision level "A"
1.2 Customer AMA CORP.	5.2 Customer	B)	
2. Part Name LVDT END CHAMBER PLUG (TAB).	3. Serial Number N/A	C)	
		D)	
		E)	
8. Additional Changes N/A	9. Manuf. Process Ref/Tool# 15272	10. Organization Name Advanced Measurement Labs., Inc.	12. P.O. Number 020938
13 Detail FAI <input checked="" type="checkbox"/> Assembly FAI <input type="checkbox"/>	14 Full FAI <input checked="" type="checkbox"/> Partial FAI <input type="checkbox"/>	Reason for Partial FAI	Baseline P/N Including Rev. Level 28007498 REV. A

- A) if above Part Number is a detail part only, go to Field 19
- B) if above Part Number is an assembly, go to the "INDEX" section below

INDEX of part Numbers or Sub-assembly Numbers required to make the assembly noted above

15. Part Number	16. Part Name	17. Part Serial Number

1) Signature indicates that all characteristics are accounted for; meet drawing requirements or are properly documented for disposition.

2) Also indicate if the FAI is complete FAI Complete FAI not Complete

19. Signature	Name ADVANCED MEASUREMENT LABS, INC.	<u>Accept</u>	<u>Reject</u>	20. Date 3-4-11
21. Engineer	Name and Title	<u>Accept</u>	<u>Reject</u>	22. Date
23. Customer Approval	Name and Title	<u>Accept</u>	<u>Reject</u>	24. Date

FIRST ARTICLE INSPECTION - Section 2
Product Accountability - Raw Material, Specifications and
Special Process (es), Functional Testing

Sheet 2 OF 4

1. Part Number 1.1 1711349-001 1.2 Customer AMA Corp.	2. Part Name LVDT END CHAMBER PLUG (TAB).	3. Serial Number N/A		4. FAI Report Number AML REPORT # 12796
5. Material or Process name CL 304 CONDE. A PASSIVATE	6. Specification number QQ-S-763 ESS 001 TYPE 1	7. Special Process Supplier Code 	8. Customer Approval Verification (Yes/No/NA) 	9. Certificate of Conformance number E70847 (HEAT #) 412366
10. Functional Test Procedure Number	11. Acceptance report number, if applicable			
12. Comments <p style="text-align: center;">N/A</p>				
13. Prepared By Signature	Name ADVANCED MEASUREMENT LABS, INC.	Stamp Rejected Accepted		14. Date 3-4-11

FIRST ARTICLE INSPECTION - Section 3
Characteristic Accountability, Verification and Compatibility Evaluation

1. Part Number 1.1 1711349-001		2. Part Name LVDT END CHAMBER PLUG (TAB).		3. Serial Number N/A		4. FAI Report Number AML REPORT # 12796									
1.2 Customer AMA Corp.		Characteristic Accountability						Inspection / Test Results							
5. Char. #	Dwg Used (A,B, C, Etc) & Sheet # (if applic.)	6. Reference Location	7. Characteristic Designator	8. Drawing Requirement			9. Results				10. Designed Tooling	11. Non-conformance Number	Results after Non-conformance resolution	Comments	
				Requirement as Noted on Drawing	Tolerance	Unit of Measurement	Sample 1								
1	A		N/A	.021 / .019		IN	0.0193				OC				
2	A		N/A	.051 / .049		IN	0.0499				OC				
3	A		N/A	.027 / .025		IN	0.0260				OC				
4	A		N/A	.082 / .079		IN	0.0806				OC				
5	A		N/A	.057 / .054		IN	0.0559				OC				
6	A		N/A	.158 / .156		IN	0.1572				OC				
7	A		N/A	.187 / .186 "B"		IN	0.1866				OC				
8	A		N/A	32√		IN	COMPLIES				VISUAL				
9	A		N/A	Ø .1873 / .1868		IN	0.1870 TYP.				V/CMM				
10	A		N/A	Ø .140 "A"	± .005	IN	0.1400				OC				
11	A		N/A	Ø .129 / .128		IN	0.1287				OC				
12	A		N/A	32√		IN	COMPLIES				VISUAL				
13	A		N/A	↗ .003 A		IN	0.0002				V/CMM				
14	A		N/A	Ø .103 / .101		IN	0.1021				PG				
15	A		N/A	↗ .003 A		IN	0.0012				V/CMM				
16	A		N/A	R .010 / .005		IN	.0060 / 0.050				OC				
17	A		N/A	R .005 CHAMFER PRESENT	MAX	IN	0.0000				OC				
18	A		N/A	↗ .002 A		IN	0.0003				V/CMM				
Revision after FAI completion							Revision after FAI Non-conformance Closure (if Applicable)								
12 a. Prepared By Signature		Name ADVANCED MEASUREMENT LABS, INC.		Stamp Rejected Accepted		13 a. Date 3-4-11		12 b. Prepared By Signature		Name		Stamp Rejected Accepted		13 b. Date	

FIRST ARTICLE INSPECTION - Section 3
Characteristic Accountability, Verification and Compatibility Evaluation

1. Part Number 1.1 ITTC 1711349-001		2. Part Name LVDT END CHAMBER PLUG (TAB).		3. Serial Number N/A		4. FAI Report Number AML REPORT # 12796									
1.2 Customer AMA Corp.		Characteristic Accountability						Inspection / Test Results							
5. Char. #	Dwg Used (A,B, C, Etc) & Sheet # (if applic.)	6. Reference Location	7. Characteristic Designator	8. Drawing Requirement			9. Results				10. Designed Tooling	11. Non-conformance Number	Results after Non-conformance resolution	Comments	
				Requirement as Noted on Drawing	Tolerance	Unit of Measurement	Sample 1								
19	A		N/A	Ø .1239 / .1234		IN	0.1236				OC				
20	A		N/A	7 .002 A		IN	0.0002				V/CMM				
21	A		N/A	Ø .140 / .139		IN	0.1395				OC				
22	A		N/A	R .002	MAX	IN	0.0040 TYP.				OC				
23	A		N/A	Ø .251 / .249		IN	0.2496				OC				
24	A	NOTE 1	N/A	DIAMTERS ON A COMMON AXIS SHALL NOT EXCEED A RUNOUT OF .003 FIM.	MAX	IN	0.0004				V/CMM				
25	A	NOTE 2	N/A	SURFACE TEXTURE SHALL BE 63√.		IN	COMPLIES				VISUAL				
26	A	NOTE 3	N/A	MATERIAL: QQ-S-763 CL 304, COND A.		N/A	CERT PROVIDED				VISUAL				
27	A	NOTE 4	N/A	PASSIVATE IAW ESS 001 TYPE I.		N/A	CERT PROVIDED				VISUAL				
Revision after FAI completion												Revision after FAI Non-conformance Closure (if Applicable)			
12 a. Prepared By Signature		Name ADVANCED MEASUREMENT LABS, INC.		Stamp Rejected Accepted		13 a. Date 3-4-11		12 b. Prepared By Signature		Name		Stamp Rejected Accepted		13 b. Date	