

A.A. Jansson, Inc.

2070 Airport Rd
Waterford, MI 48327

Phone No. 248-674-4811 - Fax No. 248-674-1234

Certificate of Calibration



Calibration
CERT.#1182.01

Company: STARRAG-HECKERT, INC.
Address: 2379 PROGRESS DRIVE
HEBRON, KY 41048
Contact: JASON NOBLE
Dept: 46128-1

Web page: www.aaajansson.com

Doc #: 89045
Calibration Date: 1/27/2017
PO/Acct: 17-40007
Page: 1 of 2
Visual Condition: GOOD
Date Received:

Gage Type: ELECTRONIC LEVEL HEAD
Mfg: WYLER
Procedure: AAJ CP-41.0

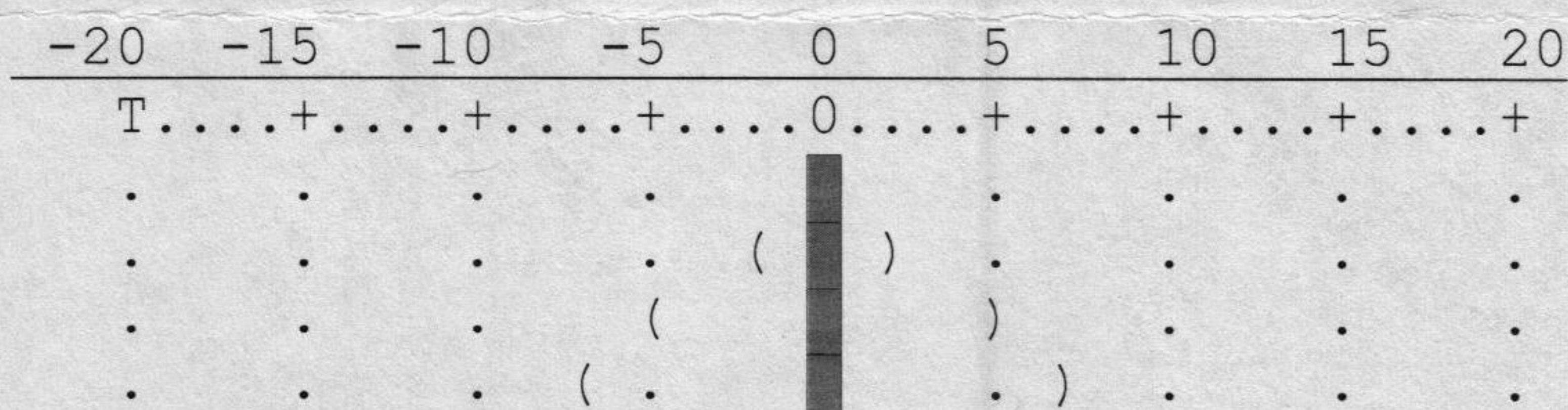
Cert #: STAH1522
Model: NIVELTRONIC
Serial #: H1522, ID# ELL010

+ / - Tolerances: 1.000% / 1.000%

Graph Scale: +0.000010

RANGE I - PLUS

Nominal	Actual	Deviation
+0.000000	+0.000000	+0.000000
+0.002500	+0.002500	+0.000000
+0.005000	+0.005000	+0.000000
+0.007500	+0.007500	+0.000000

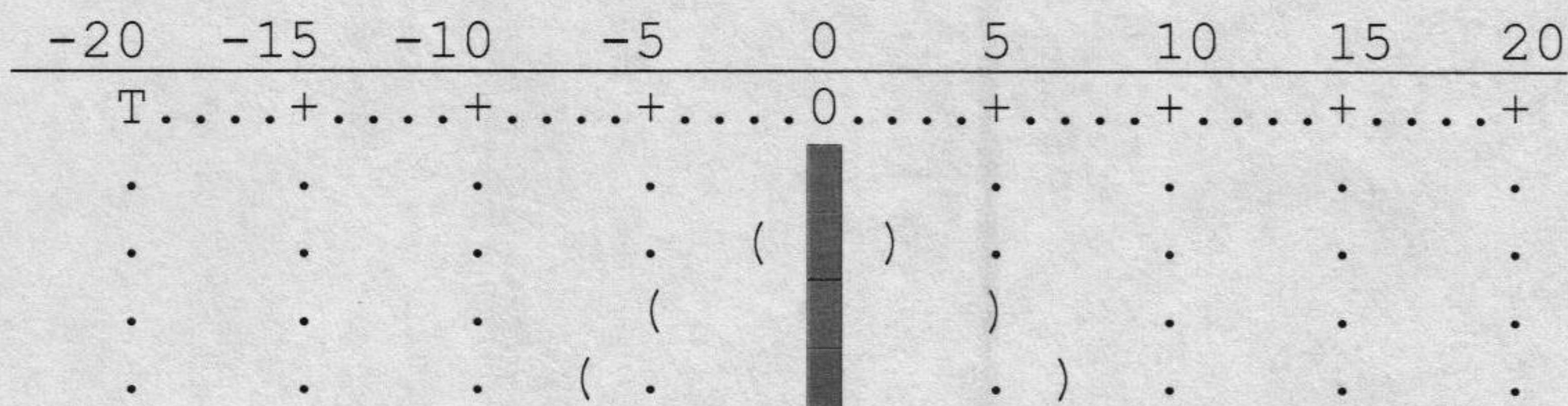


+ / - Tolerances: 1.000% / 1.000%

Graph Scale: +0.000010

RANGE I - MINUS

Nominal	Actual	Deviation
+0.000000	+0.000000	+0.000000
+0.002500	+0.002500	+0.000000
+0.005000	+0.005000	+0.000000
+0.007500	+0.007500	+0.000000

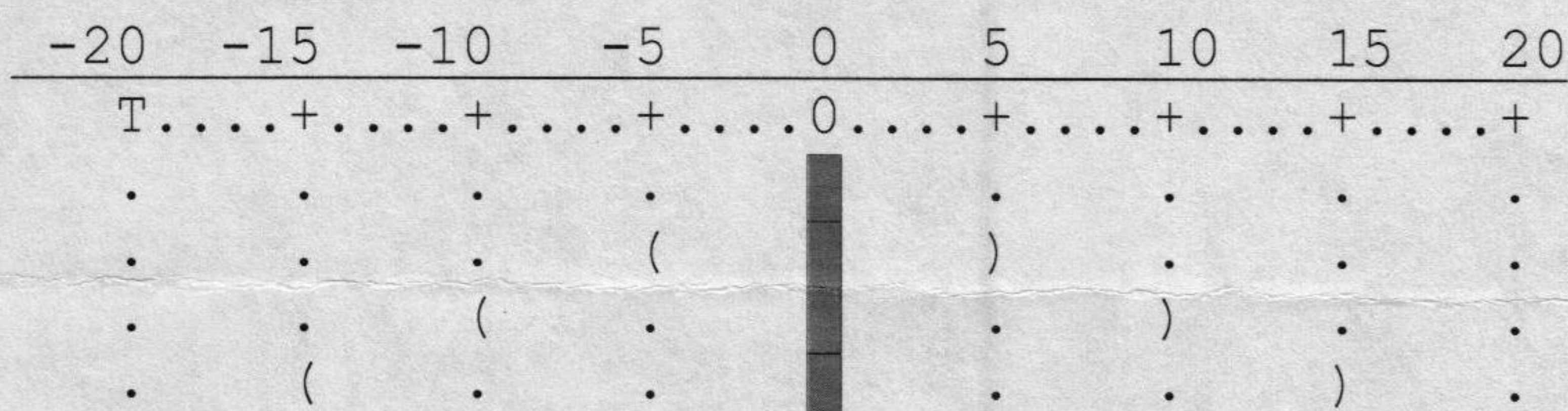


+ / - Tolerances: 1.000% / 1.000%

Graph Scale: +0.000001

RANGE II - PLUS

Nominal	Actual	Deviation
+0.000000	+0.000000	+0.000000
+0.000500	+0.000500	+0.000000
+0.001000	+0.001000	+0.000000
+0.001500	+0.001500	+0.000000

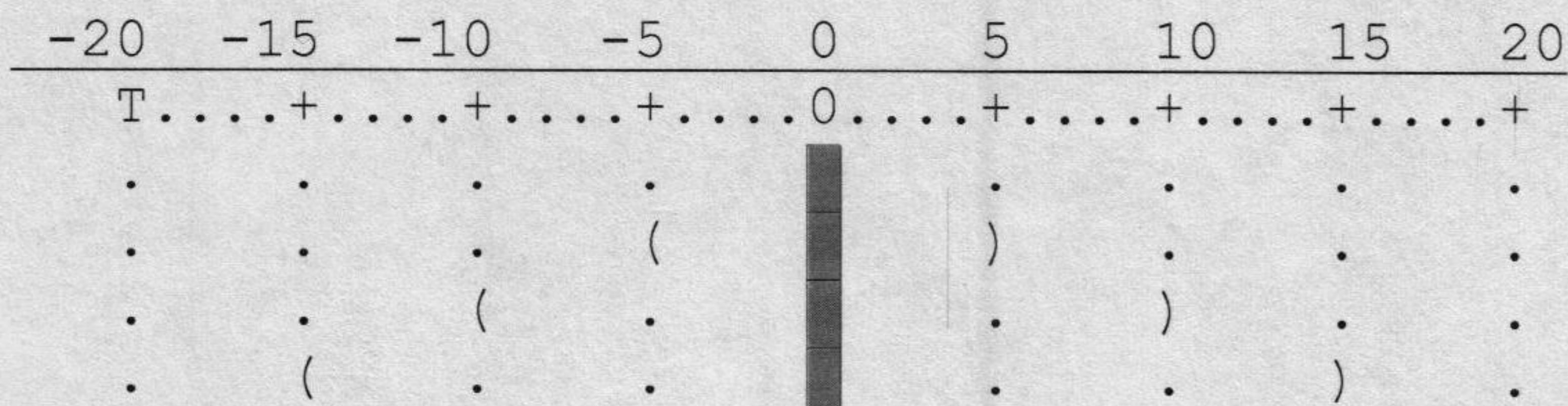


+ / - Tolerances: 1.000% / 1.000%

Graph Scale: +0.000001

RANGE II - MINUS

Nominal	Actual	Deviation
+0.000000	+0.000000	+0.000000
+0.000500	+0.000500	+0.000000
+0.001000	+0.001000	+0.000000
+0.001500	+0.001500	+0.000000



Comments:

READINGS ARE AS FOUND
CLEANED, CALIBRATED AND CERTIFIED
DATA IS REPORTED IN INCHES
MEASUREMENT UNCERTAINTY: ± 5 ARC SECONDS

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Model: NIVELTRONIC
Serial #: H1522, ID# ELL010

Comments:

We certify the equipment used for this calibration is traceable to NIST through one or more of the following numbers:

27124: 24" X 36" SURFACE PLATE

683/283519-13,681/280132-11,821/278168-09,821/279078-10 Cal Date / Due Date: 1/8/2016 -- 1/31/2017

LC-1: LEVEL FIXTURE / AMPLIFIER & PROBE

683/283519-13 Cal Date / Due Date: 12/14/2016 -- 12/14/2017

M-1: 92 Pcs Rect.

683/283519-13 Cal Date / Due Date: 9/15/2015 -- 1/31/2017

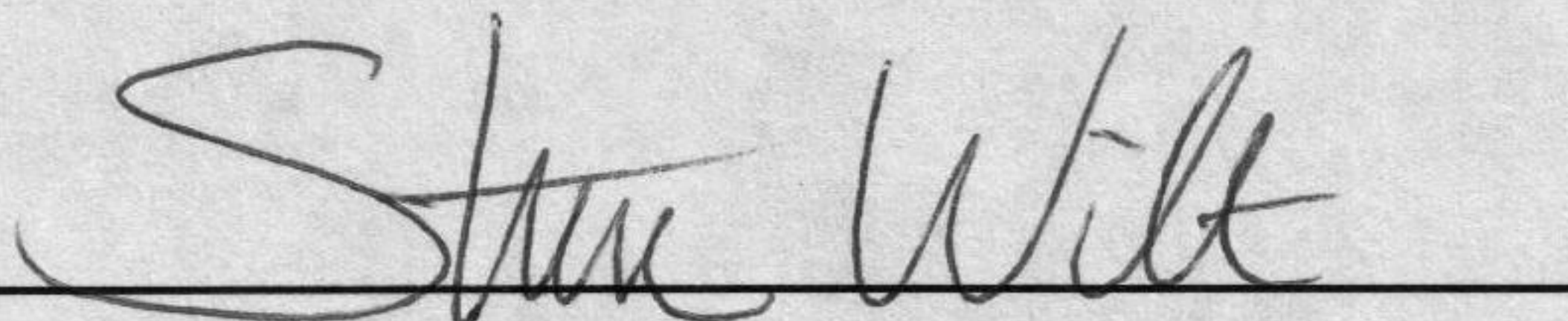
SP0616: 5" SINE PLATE

683/283519-13,681/280132-11,821/278168-09,821/279078-10,683/2834126-13,683/282428-12 Cal Date / Due Date: 9/12/2016 -- 9/12/2018

Gage Status: PASS

Reported readings taken at 68°F ± 4° F Relative humidity less than 50% unless otherwise noted in comments. Data is "AS FOUND" and item is "USED" unless otherwise noted in comments. Calibration complies to ISO/IEC 17025:2005, ANSI/NCSL Z540-1 requirements. Reported Measurement uncertainties are based upon a 95% confidence level, k=2. This report shall not be reproduced, except in full, without written permission by A.A. Jansson, Inc. Any number of factors may cause the subject of this calibration to drift out of calibration before the recommended interval has expired. A.A. Jansson will not be held responsible for the calibration status of an item whose calibration interval exceeds the actual validity of the calibration. Measurement uncertainty is not taken into account when determining In/Out of tolerance condition. Calibrations performed in accordance with the A.A. Jansson, Inc. Quality Assurance Manual Revision 9, Dated June 3, 2013 which meets the requirements of ISO-17025:2005.

Certified By: Steve Wilt Signature: _____



This certificate is not valid unless all 2 page(s) are present.

Results of this certificate relate only to the item mentioned in document header.

END OF DOCUMENT