



SERVICE INFORMATION LETTER

For

2312G-XX / TT1000A / TT1200 / TT1200A

Turbine Temperature Test Set

June 7, 2012

Subject: Usage of obsolete documentation in the calibration of the Barfield Turbine Temperature Tester product lines.

Purpose: The concern Barfield Inc. (Barfield) has is that obsolete Technical Manuals and calibration procedures widely distributed via the internet are being used in the certification of the Barfield Turbine Temperature Tester products. The obsolete technical documentation contains calibration standards and procedures which no longer meet Barfield or industry standards and should not be used in the service of Barfield equipment. In an effort to ensure that Barfield products maintain quality, accuracy and industry standards, Barfield has reviewed and revised the calibration procedures for our Models 2312G-XX, T1000A, TT1200, TT1200A Turbine Temperature Test sets.

Below are the calibration procedures which have now been made **obsolete:**

<u>Document Number</u>	<u>Old Revision</u>	<u>Old Revision Date</u>
57-101-00550 (2312-XX)	N/A	Nov 30, 1983
19-101-00901 (TT1000A)	C	Oct 4, 2011
57-101-00901 (TT1000A)	N/A	Sept 28, 1984
20-101-00920-1 (TT1200)	A	Nov 20, 1995
19-101-00930 (TT1200A)	E	Nov 18, 2010

This is a concern for those customers that have their units calibrated by a **facility not using the authorized calibration standard and/or procedures.** For these customers we recommend returning your unit(s) to Barfield or an authorized service facility listed in this letter for calibration / verification service to ensure that operational and accuracy compliance is maintained.



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Configurations: The following test set models, regardless of installed Modifications and or Options are affected by these SIL requirements:

<u>Part Number</u>	<u>Model Number</u>
101-00550 through 101-00557	2312G-XX
101-00901	TT1000A
101-00920	TT1200
101-00930	TT1200A
101-00930-OH58D	TT1200A

Effectivity: Next scheduled annual calibration cycle or sooner should any repair or service action be required.

Compliance: Compliance with this SIL at next calibration cycle is recommended for all Barfield Turbine Temperature Testers. The recommended annual (every 12-month) re-certification should be performed by Barfield Inc. or a calibration facility listed in this SIL using the latest revised calibration procedure(s) listed below:

<u>Document Number</u>	<u>New Revision</u>	<u>New Revision Date</u>
19-101-00550 (2312-XX)	A	4/18/2012
19-101-00901 (TT1000A)	D	4/4/2012
19-101-00920 (TT1200)	B	4/18/2012
19-101-00930 (TT1200A)	F	10/5/2011

The revised calibration procedures listed above employ superior standards to ensure that calibration uncertainties of acceptable tolerance for each characteristic maintain the correct test accuracy ratios.

Planning: Prior to shipping, call Barfield's Customer Service or an Authorized calibration facility listed below to schedule the recertification of your Barfield Turbine Temperature Tester.

Service Centers: **United States**

Barfield Inc.
 4101 NW 29th Street
 Miami, FL 33127
 Phone: 1-800-321-1039 (US Only)
 Phone: 1-305-894-5400
 Fax: 1-305-894-5401
GSTEService@barfieldinc.com
www.barfieldinc.com



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Service Centers: United States (Cont)

Barfield Inc.

1912 West 4th Street

Tempe, AZ 85281

Phone: 1-480-477-2000

Fax: 1-480-477-1999

Email: barfieldphoenix@barfieldinc.com

Aeroframe Airepairs

3914 Willow Lake Blvd.

Memphis, TN. 38118

Phone: 1-901-547-4600

sales@airepairs.com

Express Calibration Services

1803 SW Market St.

Lee's Summit, MO 64082

Phone: 1-816-246-9292

Fax: 1-816-246-9295

Email: custsvc@expresscal.com

Web: www.expresscal.com

POC: Mike Sage

Europe:

EADS SECA

1 Boulevard du 19 mars 1962

BP 50064

95503 GONESSE FRANCE

33 01 30 18 54 12 Telephone

Email: jean.paris@seca.eads.net

Web: www.seca.eads.net

POC: Jean Paris

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Service Centers: **Canada:**

Wright Instruments Ltd

2762 Slough St,
Mississauga ON, L4T 1G3
Phone: (905) 677-7161

Australia:

TR VMS

72 Donaldson Road
Rocklea, 4106
QLD, Australia
Ph: 61 7 3717 9146
Fax: 61 7 3717 9135
Web: www.trvms.com.au

Conclusion:

Barfield Inc. is taking a proactive approach in reaching out to its customers and advising them of the potential for unauthorized facilities calibrating our turbine temperature test equipment using obsolete documentation as described above. Barfield strongly recommends the return of ALL units at their next calibration / recertification interval to a Barfield facility or one of the listed authorized calibration facilities to ensure the equipment is performing as designed and in compliance with new test procedures, calibration standard and accuracy requirements.

Barfield is committed to providing the highest quality products, services and support to the aviation industry.

Inquiries may be emailed to gseales@barfieldinc.com.

Thank you for your business and support.

Robert Arnett
VP Quality