



To: Military Users of Alti-2 Test Chambers
Date: 10 May 2016
From: T.K. DONLE – Technical Director - CPS
Subject: Alti-2 Service Bulletin – SB-0005A
Equipment: Alti-2 Test Chambers – Reference Altimeter (P/N: C-01181)

Service Bulletin – Product Recall

We have identified the following **Alti-2 Test Chamber(s)** affected by this *Product Recall*. The **“Reference Altimeter C-01181”** has been recalled by the manufacturer, United Instruments, Inc. (*Refer to the affected serial numbers listed on next page.*)

Please contact your CPS Account Executive who will provide an RMA # to facilitate the return and servicing of your Reference Altimeter in accordance with **Alti-2 Service Bulletin – SB-0005A** and **United Instruments, Inc. Service Bulletin – No. 13**, attached herein.

The removal of the recalled reference altimeter from your test chamber is required. Follow the simple instructions within this document. Please return your reference altimeter directly to CPS and we shall facilitate this servicing.

Ship to: Complete Parachute Solutions, Inc.
1326 E. Intl’ Speedway Blvd
Suite 7
DeLand, FL 32724 USA
(Mark the outside of the package: “RMA-XXXX”)

Shipper: North American Origin: UPS Ground Service Freight Collect Acct #: 1133YF
Foreign Origin: UPS Standard Service Freight Collect Acct #: 1133YF

If you have any questions pertaining to this information, please direct them to my office or to your CPS Account Executive.

Respectfully,

A handwritten signature in blue ink, appearing to read "TKD", with a large, stylized flourish at the end.

T.K. DONLE
Technical Director
Complete Parachute Solutions, Inc.

1326 E. International Speedway Blvd., Suite 7, DeLand, FL 32724
PH: (386) 736-3862 FX: (386) 736-3899

www.cpsworld.com

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To: Select CPS/Alti-2 Test Chamber Customers

Purpose: Notification of Component Manufacturer’s Recall of Reference Altimeter (C-01181)

Issue: Reference Altimeter C-01181 (United Instruments 5934 Series) may display incorrect altitude



Affected Alti-2 Products: TC-10 SNs: T151930, T154911, T155601
 TC-21/22 SNs: T154910, T156003, T156004, T154912, T154913, T154914,
 T154915, M119358 (RMA), U156240, T151931, T155602

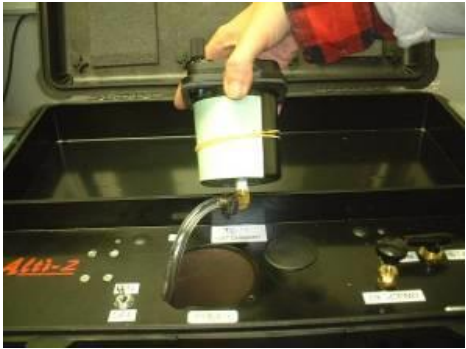



Description: A manufacturing defect in the OEM component may cause the instrument to display higher than actual altitude. United Instruments Service Bulletin 13 is included for reference.

Customer Action: Follow the guidance prescribed in the CPS Service Bulletin Letter relating to SB-0005A

Shipping Instructions: Label Reference Altimeter with CPS-RMA# and carefully package the unit in a container no smaller than 8”x8”x8”.

REMOVING THE REFERENCE ALTIMETER

<p>1.</p>		<p>Tools and materials needed:</p> <p>Philips screw driver (adjustable wrench for TC-21/22)</p> <p>Pliers</p>
<p>2.</p>		<p>Altimeter removal:</p> <p>Remove the three (3) Philip head screws that hold the altimeter in place.</p>

3.		<p>Carefully lift the altimeter and bezel assembly out of the TC-10/21/22 enclosure.</p> <p>Note: TC-21/22 uses an alternate means of attachment. See step 6 prior to proceeding.</p> <p>Place the altimeter on a padded surface to prevent damage.</p>
4.		<p>Remove hose clamp using a small screw driver.</p>
5.		<p>Detach hose from barbed fitting.</p> <p>To reinstall the altimeter follow this procedure in reverse.</p>
6.		<p>Detach hose from fitting using a wrench.</p> <p>To reinstall the altimeter follow this procedure in reverse.</p>

**UNITED INSTRUMENTS, INC.**

3625 Comotara Avenue, Wichita, Kansas 67226
Phone: (316) 636-9203 Telefax: (316) 636-9243

Service Bulletin No. 13
March 25, 2016

SERVICE BULLETIN

TO: Owner or user of certain United Instruments, Inc. 5934 Series Altimeters

TITLE: Diaphragm Assemblies

PURPOSE: Replacement of nonconforming diaphragm assemblies in the affected altimeters.

EFFECTIVITY: This service bulletin applies to specific 5934 Series Altimeters that were manufactured between January 2015 and February 2016, which are identified on the attached Table of Affected Serial Numbers. See Table 1 attached.

GENERAL: The altimeters covered by this bulletin may display higher altitude than actual altitude.

DESCRIPTION: Altimeters identified on Table 1 are susceptible to developing a slow diaphragm leak which would affect the accuracy of the altimeters.

CORRECTIVE ACTION: Replace with new diaphragm assembly (P/N 1114-033610).

COMPLIANCE AND HANDLING INSTRUCTIONS:

An error in the barometric setting of affected altimeters identified in Table 1 is an indication of diaphragm leakage.

For altimeters currently installed in aircraft:

Check the serial number on the altimeter nameplate to determine whether it is listed in Table 1. If so, remove the altimeter as soon as possible and return it to United Instruments, or to a designated service facility, for correction in accordance with United Instruments instructions.

For altimeters NOT currently installed in aircraft:

Return all affected altimeters identified in Table 1 to United Instruments for correction no later than March 31, 2017.

Return Instructions:

When returning the altimeter to United Instruments, or to a designated service facility, each altimeter should be labeled "SB-13", and adequately wrapped to protect it from damage, and packaged in a container no smaller than 8"x8"x8". Return the altimeter by United Parcel Service (UPS) Ground Service.



Service Bulletin (SB-0005A)

5/10/2016

IDENTIFICATION OF CORRECTED ALTIMETERS:

Altimeters that have been corrected in accordance with this service bulletin will be identified with a yellow dot, approximately 1/4 inch (6 mm) in diameter, approximately 1 inch (25 mm) to the left side of the nameplate, and letter 'M', approximately 1/8 inch (3 mm) high will be metal stamped on the nameplate after the name 'ALTIMETER'.

Credit Information

Removal and Installation: For an altimeter identified in Table 1 which is installed in an aircraft, the actual charges incurred for removal and re-installation (to include required check for static system leaks) will be reimbursed up to a maximum of \$120 for each aircraft. A completed claim form (attached) must be submitted by March 31, 2017 to be eligible for reimbursement.

Freight: Ship by United Parcel Service (UPS) Ground Service freight collect, Account No.

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United Instruments, Inc., 3625 Comotara Avenue, Wichita, KS 67226, 316-636-9203, customerservice@unitedinst.com; or to a designated service facility (contact details may be found at www.unitedinst.com).

Any updates concerning this service bulletin or other service information will be posted on United Instruments' website: www.unitedinst.com.