

## SERVICE INFORMATION NO. SI 40-140

**NOTE:** SI's are used only:  
1) To distribute information from DAI to our customers.  
2) To distribute applicable information/documents from our suppliers to our customers with additional information.  
Typically there is no revision service for SI's. Each new information or change of that will be sent along with a new SI.

### I. TECHNICAL DETAILS

#### 1.1 Airplanes affected:

All DA 40 /F airplanes

#### 1.2 Subject:

United Instruments Inc. Service Bulletin No. 12

ATA-Code: 34-00

#### 1.3 Reason:

United Instruments Inc. has issued Service Bulletin No. 12 describing that the paint on dial may crack and separate from the surface, which could potentially affect the functionality of the instrument.

#### 1.4 Information:

For detailed technical information refer to United Instruments Inc. Service Bulletin No. 12 which is applicable without any further additions or restrictions.

### II. OTHERS

United Instruments Inc. Service Bulletin No. 12 is attached to this Service Information.

In case of doubt contact United Instruments Inc.



## **UNITED INSTRUMENTS, INC.**

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

Service Bulletin No. 12  
August 27, 2013

### SERVICE BULLETIN

**TO:** Owner or user of certain United Instruments, Inc. 5934 Series Altimeters, 5035 Encoding Altimeters, 7(1)00 Series (I) VSI, and 9560 Series Turn and Slips

**TITLE:** Instruments Dial Paint

**PURPOSE:** Replacement of nonconforming dials and disk pointers installed in the affected instruments. These instruments were primarily manufactured between June 2012 and June 2013.

**EFFECTIVITY:** Refer to the affected S/N List attached

**GENERAL:** The instrument dials and certain pointers covered by this bulletin may display paint cracks and paint detachment from the parts.

**DESCRIPTION:** The paint on dial may crack and separate from the surface, which could potentially affect the functionality of the instrument.

**CORRECTIVE ACTION:** Replace with new dials and pointers.

**IDENTIFICATION:** Instruments with the new dial and pointer on the applicable instruments will be identified with a yellow dot at two different locations, approximately 0.25 inch (6 mm) in the upper half area on the rear side of the case and between the left side of the nameplate and case.

#### **COMPLIANCE AND HANDLING INSTRUCTION:**

1. Instruments currently installed in Aircraft:  
Identify the instruments if they have the affected S/N on nameplates. If so, remove and return instruments to the manufacturer, or its authorized distributors, for warranty correction in accordance with the manufacturer's instruction, immediately.
2. Instruments currently NOT installed in aircraft:  
Return all affected instruments to the manufacturer, or its authorized distributors, for warranty correction no later than December 31, 2013.

3. Returning Instruction:

When returning the instruments to the manufacturer, or its authorized distributors, each instrument should be adequately wrapped and packaged in a container no smaller than 8"x8"x8" to protect it from damage, and send by United Parcel Service (UPS) Ground Service.

4. Credit Information

- Removal and Installation: For an instrument already installed in an aircraft within the affected serial numbers, the actual charges incurred for removal and reinstallation (to include required check for static system leaks) will be reimbursed in the amount of maximum \$80 for each aircraft. A completed claim form must be submitted to be eligible for reimbursement by December 31, 2013.
- Freight: Ship by United Parcel Service (UPS) Ground Service freight collect, Account No. 0(zero)EWO(zero)43 to one of the following locations:

United Instruments, Inc., 3625 Comotara Avenue, Wichita, KS 67226  
316-636-9203, [customerservice@unitedinst.com](mailto:customerservice@unitedinst.com)

United Instruments' designated service facilities, for your convenience, and any updates regarding the service bulletin will be posted in United Instruments' website: [www.unitedinst.com](http://www.unitedinst.com), for any update.

Affected Serial Number List

5934 Series Altimeter S/N	
S/N Range	Excluded(already corrected)
496886-496940	
496974-496994	
496996-497086	
497156-497160	
497164-497173	
497229-497519	
497539-497579	
497582-497872	497784
497893-497912	
497917-498263	
498265-498564	
498566-498734	
498742-499461	498935,498944,498988,499338 499369,499377,499438
499499-499604	
499611-499666	499648
499805-499863	499817
499900-499911	
499927-499935	
500033-500042	500038,500040
500205-500221	500218
500233-500242	500234,500241
500300-500309	
500328-500329	
500332-500373	500349,500352
500791-500799	500792

9500 Series 3" T/S S/N	
S/N Range	Excluded(already corrected)
2866-2907	
2908-2955	
2956-3004	
3005-3032	
3033-3081	
3082-3101	
3102-3120	
3121-3152	
3153-3171	

5035 Series Enc-Altimeter S/N	
S/N Range	Excluded(already corrected)
36731-36735	
36744-36746	
36753-36758	
36775-36784	
36805-36806	
36714-36730	
36736-36743	
36747-36752	
36759-36774	
36794-36804	
36785-36793	
36807-36821	

7000/7100 Series VSI/IVSI S/N	
S/N Range	Excluded(already corrected)
10709-10716	10710,10714
10724-10743	10734,10736
10755-10774	
329694-329793	
329958-330037	
330165-330240	
330363-330412	
330462-330510	
330623-330677	
330678-330714	330679,330681,330687,330688 330691,330700,330703,330704 330705,330706,330708,330709 330710,330711,330712
329814-329840	
330048-330127	
330243-330257	
330413-330461	
330524-330544	
329841-329934	
330128-330163	
330258-330312	
330715-330784	330751,330784



UNITED INSTRUMENTS INC  
3625 COMOTARA AVE  
WICHITA KS 67226  
ph: 316-636-9203, fx:316-636-9243

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## CLAIM FORM

OWNER NAME: \_\_\_\_\_ COMPANY NAME: \_\_\_\_\_

ADDRESS1: \_\_\_\_\_

ADDRESS2: \_\_\_\_\_

ACFT MAKE: \_\_\_\_\_ MODEL: \_\_\_\_\_ SERIAL #: \_\_\_\_\_

INST P/N: \_\_\_\_\_ INST S/N: \_\_\_\_\_ REMOVED; S/N: \_\_\_\_\_ INSTALLED

DATE COMPLETED: \_\_\_\_\_ CERTIFIED MECH.: \_\_\_\_\_

FBO NAME: \_\_\_\_\_ CERT. NO.: \_\_\_\_\_

FBO ADDRESS : \_\_\_\_\_

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*DO NOT WRITE BELOW THIS LINE:*

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