TITLE
NAVIGATION - ALTIMETER INSPECTION

EFFECTIVITY
The following airplanes that have had the altimeter replaced with parts shipped from Cessna Service Parts & Programs from January 1, 2012 to December 31, 2013.

NOTE: If your airplane is equipped with the Garmin G1000 Avionics System, you are exempt.

MODEL |
172R |
172S |
182T |
T182T |
206H |
T206H |

SERIAL NUMBERS
17280001 thru 17281240 |
172S8001 thru 172S9809 |
18280001 thru 18281227, 18281229 thru 18281317 |
T18208001 thru T18208231 |
20608001 thru 20608215 |
T20608001 thru T20608449 |

Also affected is service facility stock with suspect altimeters ordered from Cessna Service Parts and Programs from January 1, 2012 to December 31, 2013.

REASON
Cessna has determined that altimeters have been sold by Cessna Service Parts and Programs with paint on the dials and pointers that may flake off. There is no issue with the function of the altimeters.

DESCRIPTION
This service letter provides parts and instructions to do an inspection of, and if necessary to replace, the suspect altimeter.

COMPLIANCE
MANDATORY. This service letter must be accomplished at the next 100-hour or 12-month (annual-type) inspection.

MATERIAL AVAILABILITY
Model 172R, 172S, T182, and 206H airplanes, it may be necessary to order the altimeter below:

<table>
<thead>
<tr>
<th>NEW P/N</th>
<th>QUANTITY</th>
<th>KEY WORD</th>
<th>OLD P/N</th>
<th>INSTRUCTIONS/DISPOSITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>S3827-1</td>
<td>1</td>
<td>Altimeter</td>
<td>Same</td>
<td>Return to Cessna for exchange</td>
</tr>
</tbody>
</table>
Model T182T and T206H airplanes, it may be necessary to order the altimeter below:

<table>
<thead>
<tr>
<th>NEW P/N</th>
<th>QUANTITY</th>
<th>KEY WORD</th>
<th>OLD P/N</th>
<th>INSTRUCTIONS/DISPOSITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>S3828-1</td>
<td>1</td>
<td>Altimeter</td>
<td>Same</td>
<td>Return to Cessna for exchange</td>
</tr>
</tbody>
</table>

**NOTE:** The altimeter may be returned to Cessna Aircraft Company, Cessna Service Parts & Programs (CSP&P), 7121 Southwest Boulevard, Wichita, KS 67215, USA, and exchanged for an upgraded unit. Due to limited availability, ADVANCE SCHEDULING IS REQUIRED. Please expedite the return of the removed part.

**REFERENCES**


**ACCOMPLISHMENT INSTRUCTIONS**

**SUSPECT ALTIMETER SERIAL NUMBERS**

<table>
<thead>
<tr>
<th>SERIAL NUMBER RANGE</th>
<th>ALTIMETER SERIAL NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>496974 thru 496994</td>
<td>498245</td>
</tr>
<tr>
<td>497164 thru 497172</td>
<td>498247</td>
</tr>
<tr>
<td>497320</td>
<td>498250</td>
</tr>
<tr>
<td>497321</td>
<td>498252</td>
</tr>
<tr>
<td>497500</td>
<td>498522 thru 498564</td>
</tr>
<tr>
<td>497539 thru 497566</td>
<td>498673 thru 498679</td>
</tr>
<tr>
<td>497568</td>
<td>499046 thru 499062</td>
</tr>
<tr>
<td>497570 thru 497579</td>
<td>499293 thru 499330</td>
</tr>
<tr>
<td>497785 thru 497806</td>
<td>499410 thru 499416</td>
</tr>
<tr>
<td>497893 thru 497912</td>
<td>499906 thru 499910</td>
</tr>
<tr>
<td>498071 thru 498076</td>
<td>500213 thru 500215</td>
</tr>
<tr>
<td>498078 thru 498099</td>
<td>500344 thru 500348</td>
</tr>
<tr>
<td>498238</td>
<td>500350</td>
</tr>
<tr>
<td>498239</td>
<td>500351</td>
</tr>
<tr>
<td>498241 thru 498243</td>
<td>500353 thru 500373</td>
</tr>
</tbody>
</table>

**NOTE:** Suspect serial numbers provided by United Instruments, Inc.

1. Look in the airplane paperwork to see if the altimeter has been replaced with one of the serial numbers in the TABLE above.

   **NOTE:** If you are not sure from the airplane paperwork whether a suspect altimeter is installed, you must look on the altimeter to find the serial number.

   A. If the serial number of the altimeter installed on your airplane is in the TABLE, go to Step 2.

   B. If the serial number of the altimeter installed on your airplane is not in the TABLE, go to Step 6.
2. Prepare the airplane for maintenance.
   A. Make sure that the airplane is electrically grounded.
   B. Make sure that all switches are in the OFF/NORM position.
   C. Disconnect electrical power from the airplane.
      (1) Disconnect external electrical power.
      (2) Disconnect the airplane battery.
   D. Attach maintenance warning tags to the battery and external power receptacle that have "DO NOT CONNECT ELECTRICAL POWER - MAINTENANCE IN PROGRESS" written on them.

3. Look at the lower half of the aft side of the case of the altimeter. Also look at the area between the left side of the nameplate and the altimeter case. If the altimeter dial and pointer have been replaced with a dial and a pointer that are not subject to paint displacement, you will find a yellow dot approximately 0.25 inch in diameter affixed to the altimeter at one or both of these locations.
   A. If there is a yellow dot or if there are two yellow dots, go to Step 5.
   B. If there is no yellow dot, go to Step 4.

4. Remove the suspect altimeter and replace it with a new S3827-1 (172R, 172S, T182, and 206H) or S3828-1 (T182T and T206H) Altimeter. Return the suspect altimeter to Cessna for exchange. (Refer to the applicable maintenance manual, Chapter 34, Pitot/Static System - Maintenance Practices.)

   **NOTE:** The existing altimeter may be returned to Cessna Aircraft Company, Cessna Service Parts & Programs (CSP&P), 7121 Southwest Boulevard, Wichita, KS 67215, USA, and exchanged for an upgraded unit. Due to limited availability, ADVANCE SCHEDULING IS REQUIRED. Please expedite the return of the removed part.

5. Remove the maintenance warning tags and connect the airplane battery.

6. Make an entry in the airplane logbook that states compliance and method of compliance with this service letter.
TITLE
NAVIGATION - ALTIMETER INSPECTION

TO:
Cessna 172R, 172S, 182T, T182T, 206H, and T206H Owner

REASON
This owner advisory is to inform you that SEL-34-04 has been issued.
Cessna has determined that altimeters have been sold by Cessna Service Parts and Programs with paint on the dials and pointers that may flake off. There is no issue with the function of the altimeters.

DESCRIPTION
SEL-34-04 provides parts and instructions to do an inspection of, and if necessary to replace, the suspect altimeter.

COMPLIANCE
MANDATORY. This service letter must be accomplished at the next 100-hour or 12-month (annual-type) inspection.

LABOR HOURS
No man-hours are required to determine the altimeter serial number when accomplished during a scheduled inspection.
If necessary, 1.0 man-hour per airplane to remove and replace the altimeter and to perform the Static Leak Check.

WARRANTY
For all airplanes identified within the serial effectivity:
No man hours will be provided to determine the altimeter serial number.
If necessary, applicable parts credit and a labor allowance credit of 1.0 man-hour per airplane will be provided to remove and replace the altimeter and to perform the Static Leak Check.
Contact the Cessna Service Parts & Programs Sales Desk for availability of exchange parts.
Based on availability and lead times, parts may require advanced scheduling.
In cases where the required part(s) are available as exchange, order the exchange part and, upon completion, expedite the return of the removed core to avoid return penalties. Contact the Cessna Service Parts & Programs Sales Desk for availability of exchange parts.
Freight will be credited at the most economical method unless pre-approved by Cessna.
To receive credit, the work must be completed and a warranty claim submitted by a Cessna Authorized Service Facility within 30 calendar days of service letter compliance before the credit expiration dates shown below.

<table>
<thead>
<tr>
<th>Region</th>
<th>Expiration Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>December 31, 2014</td>
</tr>
<tr>
<td>International</td>
<td>December 31, 2014</td>
</tr>
</tbody>
</table>

Please contact a Cessna Authorized Service Facility for detailed information and arrange to have Cessna service letter SEL-34-04 accomplished on your airplane.
Access the QR code for the instructional video link that follows or use the URL address:

Select this link:


**NOTE:** As a convenience, service documents are now available online to all our customers through a simple, free-of-charge registration process. If you would like to sign up, please visit the "Customer Support Login" link at www.Cessna.com to register.