U.S. Department of Transportation  
Federal Aviation Administration  
October 19, 2011

Small Airplane Directorate  
Wichita Aircraft Certification Office  
1801 Airport Road, Room 100  
Wichita, Kansas 67209

Reply to: L115W-11-955

Mr. John Bouma  
Lead ODA Administrator  
Cessna Aircraft Company  
One Cessna Boulevard  
P.O. Box 7704  
Wichita, KS 67277-7704

Dear Mr. Bouma:

Subject: Cessna Global Alternate Means of Compliance for Airworthiness Directive 2001-06-17 (aka; Alternate Means of Compliance of general applicability)

We received your proposals dated May 16, 2011, March 18, and February 18, 2009 requesting an Alternate Means of Compliance (AMOC) for Airworthiness Directive (AD) 2001-06-17. The following global Alternate Means of Compliance (AMOC) for Airworthiness Directive (AD) 2001-06-17 is approved as follows:

1. Cessna Aircraft Company global AMOC 2001-06-17 applies to the following AD paragraphs:

   a) Paragraphs (d)(1) and (d)(2) of AD 2001-06-17 concerning inspections and adjustment to ensure proper engine idle speed and fuel mixture setting. This AMOC approves the replacement of the inspections and adjustment called for in AD 2001-06-17 with an annual or 100-hr inspection and adjustment as defined in the Cessna 172R and 172S Maintenance Manual (MM), Revision 14 or later contained in Section 5-10-01, Item Code 730003; specifically for “Idle and Mixture” and conducted in accordance with same MM, Section 73-00-01 as defined in Paragraph 7 for “Idle Speed and Mixture Adjustment”.

   b) Paragraphs (d)(3) and (d)(4) of AD 2001-06-17 concerning addition of the information into the Pilots Operating Handbook and FAA approved Airplane Flight Manual (POH/AFM). This AMOC approves the replacement of that information with that contained in the POH/AFM (identity and revision level) found in TABLE 1 below for the specific airplane model, serial number and flight instrument equipment package listed.

2. Cessna Aircraft Company global AMOC 2001-06-17 applies to the following Cessna airplanes contained in TABLE 1 below:
TABLE I
Alternate Approved
Pilot’s Operating Handbook & FAA approved Airplane Flight Manuals

<table>
<thead>
<tr>
<th>Airplane Model</th>
<th>Flight Instrument Equipment Package</th>
<th>Airplane Serial Number</th>
<th>Pilot’s Operating Handbook &amp; FAA approved Airplane Flight Manual revision or later approved revision</th>
</tr>
</thead>
<tbody>
<tr>
<td>172R</td>
<td>Nav I or II</td>
<td>17280001 &amp; after</td>
<td>172RPHUS; Revision: 10</td>
</tr>
<tr>
<td>172R (180 HP)</td>
<td>Nav I or II</td>
<td>17280001 &amp; after</td>
<td>172R180PHUS; Revision: 4</td>
</tr>
<tr>
<td>172S</td>
<td>Nav III KAP 140 Autopilot</td>
<td>172S8001 &amp; after</td>
<td>172SPHUS; Revision: 6</td>
</tr>
<tr>
<td>172R</td>
<td>Nav III KAP 140 Autopilot</td>
<td>17281241 &amp; after</td>
<td>172RPHHAUS; Revision: 5</td>
</tr>
<tr>
<td>172S</td>
<td>Nav III KAP 140 Autopilot</td>
<td>172S9810 &amp; after</td>
<td>172SPHAUS; Revision: 5</td>
</tr>
<tr>
<td>172R</td>
<td>Nav III GFC 700 AFCS</td>
<td>17281497 &amp; after</td>
<td>172RPHBUS; Revision: 2</td>
</tr>
<tr>
<td>172S</td>
<td>Nav III GFC 700 AFCS</td>
<td>172S10468, 172S10507, 172S10640, 172S10656 &amp; after</td>
<td>172SPHBUS; Revision: 2</td>
</tr>
</tbody>
</table>

3. Cessna Aircraft Company global AMOC 2001-06-17 does not require special or additional maintenance documents.


5. Before using Cessna Aircraft Company global AMOC 2001-06-17, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local FAA Flight Standards District Office/certificate holding district office.

6. All provisions of AD 2001-06-17 that are not specifically referenced above remain fully applicable and must be complied with accordingly.

If you have any questions on this issue please contact Jeff Janusz at 316-946-4148.

Sincerely,

Charles D. Riddle
Associate ACO Manager, Mechanical Systems & Propulsion
Wichita Aircraft Certification Office