

*SAE G-12 Fluids Subcommittee Meeting
Madrid, Spain, May 2014*

*Ballot Summary
of
AS5901C Standard*

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Laboratoire international
des matériaux antigivre

LIMA  **AMIL**

Anti-icing Materials
International Laboratory

AS5901 Standard

Water Spray and High Humidity

Endurance Test Methods

For

AMS 1424 & 1428 Aircraft

De/Anti-icing Fluids

AS5901 Background

- ✓ **Version B remains the active document**
- ✓ **Published in December 2010**
- ✓ **2011-2013 : worked on some potential changes for the next revision**
- ✓ **2014: Revision C is presently being balloted (still in progress)**

Summary of Changes - AS5901C

Proposed minor editorial changes include

- General improvement of the wording*
- Adding some missing information*
- Uniformisation of unit expression*
- Some changes to reflect the actual test conditions*

Summary of Changes - AS5901C (cont.)

Main Proposed Change :

In section 5.4.2

Icing Intensity Measurement

- *Remove the indirect method as an approved Method*
- *Method is not reliable and not accurate*

Draft Revision C for 28-day ballot to G-12 Committee

Submitted → *2014 Mars 28th*
Closed → *2014 April 24th*

Ballot Result

Approval	Disapproval	Waive	Participation
25	0	0	25/39
64.1%	0%	0%	64.1%

Revision C has been approved



AS5901C 28-day ballot to Committee

- Received some comments / suggestions:
 - ✓ *All were editorial in nature*
 - ✓ *Everything have been addressed and taken into consideration*
 - ✓ *Thank you for those who voted and your comments*

Suggestion to add two things:

- A rationale for the change in relative humidity % for the Cold Chamber requirement
 - ✓ *60%RH to 80%RH : same as test requirement*
- The description of the ice catch panels
 - ✓ *AMS4037 mill finish of 1.6 mm thickness*

AS5901C Status

*AS5901C will be submitted
for 28-day ballot to
Aerospace Council
this month
2014 May*

AS5901C Status

28-day ballot to Aerospace Council

Submitted
Due

Ballot
will be
following

→ 2014 May
→ 2014 June

Approval	Disapproval	Waive	Participation
0	0	0	

AS5901C - Next Step

**AS5901C Standard
Should be
Approved and Published
Summer 2014**

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