

Subj: Fwd: FW: Book 1.xlsj
Date: 08/25/1999 12:33:33 AM Central Daylight Time
From: maggie.tedder@worldnet.att.net (James T. Crunkleton III)
To: swspl@aol.com

Received: from slp-smtpout-01.boeing.com ([12.13.237.21])
by mt(wgwc03.worldnet.att.net (InterMail v03.02.07.07 118-134) with ESMTP
id 19990324153754.PXHC20985@sib-smtsout-01.boeing.com for <maggie.tedder@worldnet.att.net>
Tue. 24 Aug 1999 15:37:54 -0000

Received: from xcn-pssch-01.ca.boeing.com ([192.42.211.23])
by sib-smtpout-01.boeing.com_(3.9.2/3.3.5-M2) with ESMTP id IAA21062
for <maggie.tedder @ worldnet.att.net > : Tue.24 Aug 1999 08:36:42-0700 (PCT)

Received: by xcn-csscn-01.ca.boeing.com with internet Mail Service (5.5.2448.0)
:d <RFV6CPVV>: Tue, 24 Aug 1999 C8:26:35-0700

Message-C: <010FC7C1BC15D11ASE5668 CSFFE1FE1020D6D64@ xcn-evt-23.ca.boeing.com>

From: "Morgan, Steven W" <Steve. Morgan @PSS.Boeing.com>

To: "maggie .tedder @worldnet.att.net" <maggie. Tedder @worldnet.att.net>

Subject: FW: Book1.xis

Date: Tue. 24 Aug 1999 C8:26:C4-0700

MIME-Version: 1.3

K-Mauer: Internet Mail Service (5.5.2448.0)

Content-Type: multipart/mixed:

=cur/cary="--_=_NextPart_GGC_31EEEE46.7226D8E4"

This message is in MIME format. Since your mail reader does not understand
This format, some or all of this message may not be legible.

----_=_NextPart_GGC_C1BEEE46.7226C8E4

Content-Type: text/plain

Ted.

I understand the correct term for this data is insertion loss (in dB). The noise people tell me that the amount of DB from the source is not important i.e. if the source is 200 DB or if the source is 100 DB the insertion loss will be the same. We ran the tests in a fixture called a Carpet Box. The sample is cut (inserted) between the source and the receiver.

Having said that, the source we used was 1CC - 112 DB in the frequency range we tested.

Please make the 3 samples of your spray on beads 45" X 12". Make them the same thickness and construction and formulation as the last 12" X 12" samples you sent to me. Make sure they are fully cured before sending them to the FAA. They must arrive by September 3, 1999.

Send them to:

FAA

Pat Cahill

AAR 422

Bldg. 287

Atlantic City, NJ 08405

Please put note in with the packing slip and MSDS saying I requested you send these for Radiant Heat testing on Sept.13

Results of dB Insertion
Loss Test for Sound
Deadening Performed by
Boeing Commercial
Aircraft Corp's Sound
Engineering Laboratories

Span-World Distribution

P.O. Box 725 - LaPlace, LA 70068 -
 (504)651-2911 - Fax (504)651-2964 - 1-800-950-9958
 E-mail SWSPL@AOL.COM

TEMP-COAT® Ceramic Bead Spray Material Tested for application and use in aircraft via Carpet Box Test Bed for DB Insertion Loss. Test performed by Boeing Commercial Aircraft Corp's Sound Engineering Laboratories on 7/19/99.

Cond.	Description	Frequency (Hz)								
		800	1000	1250	1600	2000	2500	3150	4000	5000
	Test was run at 100 & 112 DS Insertion. Numbers in < > represent DS Loss.									
2AR1	Aircraft Skin Panel (+ 0.42 pcf Fiberglass, 1"	<29.8>	<36.1 >	<35.2>	<33.9>	<37.9>	<36.7>	<45.7>	<45.4>	<48.0>
2A.2	Aircraft Skin Panel (+ 0.42 pcf Fiberglass, 1"	<30.4>	<36.5>	<35.4>	<33.9>	<37.2>	<37.1>	<44.7>	<46.1>	<49.5>
	Avg 0.42 pcf Fiberglass, 1" thick	<30.1>	<36.3>	<35.3>	<33.9>	<37.55>	<36.9>	<45.2>	<45.75>	<48.75>
5A	Aircraft Skin Panel + 1 layer TEMP-COAT® Ceramic Bead Spray	<41.6>	<54.0>	<56.2>	<51.6>	<51.8>	<52.0>	<61.3>	<64.3>	<64.6>
5A.2	Aircraft Skin Panel + 1 layer TEMP-COAT® Ceramic Bead Spray	<42.4>	<54.4>	<56.2>	<51.3>	<51.4>	<51.5>	<60.8>	<64.3>	<65.3>
	Avg 1 layer TEMP-COAT® Ceramic Bead Spray 1/8" thick (Scrim cloth + TEMP-COAT® Ceramic Coating)	<42.0>	<54.2>	<56.2>	<51.45>	<51.6>	<51.75>	<61.05>	<64.3>	<64.95>

A Carpet Box Test consists of a sample being inserted between the source of noise and the receiver.

In sound testing the amount of DB from the source is not important, i.e. if the source is 200 DB or 100 DB loss will be the same. This Carpet Box Test was run at 100 & 112 DB in the frequencies listed above.