

de Havilland  
**Material Specification**

<b>TITLE:</b>	<b>CORROSION RESISTANT, HIGH DENSITY ALUMINUM ALLOY HONEYCOMB CORE (SERIES 400)</b>
<b>SPECIFICATION NUMBER:</b>	<b>DHMS P1.79 (SMS 78)</b>
<b>ISSUE:</b>	<b>B</b>
<b>AMENDMENT:</b>	<b>-</b>
<b>DATE:</b>	<b>August 3, 2006</b>
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**REVISION RECORD**

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<b>Issue</b>	<b>Page</b>	<b>Description and Reason for Change</b>
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A		Shorts updated the SMS 78 to issue 3. Updated to introduce a new clerical format.
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B		SMS 78 updated to issue 5
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**CORROSION RESISTANT, HIGH DENSITY ALUMINUM ALLOY  
HONEYCOMB CORE  
(SERIES 400)**

Re Bombardier Short Brothers PLC/de Havilland Division, contract number DH-1212.MSC, December 1st, 1995 in manufacturing Series 400 composite components, de Havilland will accept Short Brothers Specification Number SMS 78 Issue 5 as equivalent to Material Specification DHMS P 1.79 Issue B.

**Class**

Class 1 - 5052 Aluminum Alloy Honeycomb Core

**Type**

Type 1 - 3mm (1/8 inch) cell hexagonal honeycomb

Type 2 - 5mm (3/16 inch) bisected and staggered cell honeycomb.

**Grade**

Grade 350 - Nominal density 350 kg/m<sup>3</sup> (22 lb/ft<sup>3</sup>)

Grade 880 - Nominal density 880 kg/m<sup>3</sup> (55 lb/ft<sup>3</sup>)