

Proposed Special Condition

SC-LSA-15-01 “Electric Propulsion Powerplant for CS LSA airplanes”

Comment Response Document

Commentor:	Rolls-Royce Plc
Page No:	1
<p>Paragraph No: Statement of Issue</p> <p>Comment: The 2 ASTM standards referred to within CS-LSA Amendment 1 are not the latest versions of these standards</p> <p>Justification:</p> <p>Proposed Text (if applicable): Until such time as CS-LSA Amendment 1 is updated, a note should be inserted into the Special Condition advising that the ASTM standard versions referred to therein are not the latest versions of these standards.</p>	
Author's Response:	Not accepted. CS LSA amendment 1 quotes explicitly the issues of these documents and do not refer to the latest version (refer to CS-LSA.10).

Commentor:	Rolls-Royce Plc
Page No:	2
<p>Paragraph No: ASTM F2245-12d chapter</p> <p>Comment: Under suggested replacement text for 5.2.9.3, in factor (1) the term "for engines" is repeated, there is a superfluous "the" in front of "time" and "turbine engine" should be replaced by "reciprocating engine" as CS-LSA is only applicable to single non-turbine engine or electric propulsion unit fitted with a propeller.</p> <p>Justification:</p> <p>Proposed Text (if applicable): Amend suggested replacement text accordingly for 5.2.9.3 factor (1)</p>	
Author's Response:	Partially Accepted. Turbine engine is kept as the intention is to evaluate if the electric engine do generate similar or lower torque oscillations compare to turbine engines in order to choose the same safety factor. Electric engines cannot be compared to reciprocating engines due to the nature of these last ones.

Commentor:	Rolls-Royce Plc
Page No:	2 and 3
<p>Paragraph No: ASTM F2245-12d chapter 7</p> <p>Comment: "do not apply" would be more appropriate than "shall be deleted" - there is no need to mention 7.1.3, 7.1.3.1, 7.1.3.2 or 7.3.8 in the list as replacement text is provided for these sections</p> <p>Justification:</p> <p>Proposed Text (if applicable): Replace text and delete references as suggested</p>	
Author's Response:	Accepted.

Commentor:	Rolls-Royce Plc
Page No:	4
<p>Paragraph No: ASTM F2245-12d chapter 8</p> <p>Comment: "do not apply" would be more appropriate than "shall be deleted"</p> <p>Justification:</p> <p>Proposed Text (if applicable): Replace text as suggested</p>	
Author's Response:	Accepted.