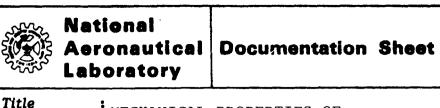
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CARBON-EPOXY COMPOSITES

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carbon

use

air

MECHANICAL PROPERTIES OF

This report presents the mechanical

epoxy composites which

of post curing at 70°C was also studied.

in the design of 1:1.405

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Contents Tables 1

Figures 3 No. of copies: 15

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were established

scale LCA high speed

ADA: 094

properties

Carbon Epoxy Composites Testing

awsungl

intake model. The carbon fabrics and resin used

in impregnation of specimens were G803W 5H satin weave and G807 8H satin weave supplied by M/s Brochier SA France, and Epoxy LY556 with Hardner HY951 supplied by CIBA (India). The mechanical properties evaluated included tensile strength, tensile modulus and horizontal shear strength (short beam method). The effect