

**SIMULATED AUTOMOBILE AND ROTARY-WING AIRCRAFT IMPACTS:
DYNAMIC NECK RESPONSE AFTER SURGICAL TREATMENT FOR
CERVICAL SPONDYLOSIS**

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Dissertation submitted to the faculty of the Virginia Polytechnic Institute and State University in
partial fulfillment of the requirements for the degree of

Doctor of Philosophy
In
Biomedical Engineering

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FIGURE 2-1

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Mr. Nicholas A. White

Figure 2-8

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Figure 2-9

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