

CONSARO

ENGINEERING.LIGHTWEIGHT.COMPOSITES.



TRANSILVANIA UNIVERSITY OF BRAŞOV

THESIS COLLABORATION
ACADEMIC YEAR 2017-2018

Bachelor Degree Title / Student Name

Fuselage section carvings calculation and analysis. Thermal treatment of Aluminium, Titanium and Steel alloys parts from fuselage structure - Roxana-Nicoleta IONESCU

Fuselage door holding system design and calculation. Approval and authorization of maintenance organizations by Part 145 - Maria-Elena JIGHIR

Fuselage section design, calculus and analysis. Physical control methods of composite materials - Andreea-Ioana SĂCĂREA

Master of Science Degree Title / Student Name

Parametric design of a complex geometric part in a Finite Element Model environment - Mădălina-Ioana BLAJ

Complete Stress Analysis and Documentation

- ✓ Aeronautical Regulations of Aircrafts
- ✓ Fuselage Structures / Cut-Outs / Carvings of Aircrafts
- ✓ Finite Element Modelling of Selected Fuselage Structures with MSC.Software PATRAN
- ✓ Finite Element Analysis of Selected Fuselage Structures with MSC.Software NASTRAN
 - ✓ Static Strength Analysis - SOL101
 - ✓ Buckling Analysis - SOL105

Thesis Coordinators

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