

LAYOUT OBJECTS OF COMPLEX SHAPE

Svetlana Martynova

Moscow Aviation Institute (State Technical University)
Russia, Moscow, Volokamsky highway,4

Martynovasvet@gmail.com

Alexey Sosedko

Moscow Aviation Institute (State Technical University)
Russia, Moscow, Volokamsky highway,4

asa.ingenering@gmail.com

Abstract. The work is devoted to modeling complex objects for technological preparation of production aircraft from composite materials. The technique developed allows minimal time and resources to obtain models of complex shape. The method was tested on the model of a light aircraft fuselage length of 6 meters, with an elliptical cross section of the fuselage and curved tail boom.

Keywords. Modeling, Hydroplane.