



## BELL HELICOPTER 4271FR

PROJECT: Bell Helicopter 4271FR  
CLIENT: Seymour Powell  
DATE: 12 September 2006  
DURATION: 2006



## PROJECT DETAILS

Our brief was to build a model of the new helicopter that had a high impact and impressive finish, within a short time frame, for exhibiting at Heli-Expo, Las Vegas.

We began by taking Seymour Powell's redesigned Alias 3D CAD models, utilizing VX Visions software to model and create tool paths. This enabled us to CNC machine parts and female moulds to produce GRP panel work to start reconstructing the helicopter.

Having first removed any existing interior panel work and equipment, we cut the body of the fuselage that was supplied into three sections. These sections were then extended to give more leg room and extra space in both the cabin and cockpit. The opened joints were given a reinforced aluminium structure. We then treated the fuselage exterior to a highly finished re-spray.

Next we worked some real magic on the finishing of the interior. New panels and equipment were installed. New seats were created, trimmed in high quality leather with accurate detailing. Full mood lighting was integrated into the cabin floor, roof, seats, handles and cockpit. And finally we fitted a fully operational DVD system.

The whole project took us a mere 10 weeks. We were able to achieve this through close communication and a high

degree of trust between ourselves and the client.

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