

CASE STUDY



Case #A0015

PPE rapid response avoids costly Sikorsky Black Hawk component redesign.

When Sikorsky Aircraft Corporation was faced with an expensive redesign of precision machined components for its UH-60 Black Hawk helicopters, it called on the rapid response service of high performance seals specialist Precision Polymer Engineering (PPE) to provide a more cost-effective and timely alternative.



PPE was able to show how three seals could save Sikorsky over \$30,000 in annual costs.

PPE produced a non-standard O-ring moulding tool and sample DTD specification FKM seals in a fraction of the time it would have taken Sikorsky to source the seals in the United States. The first samples were received within 4 days, including the weekend, and preliminary tests show the seals to be working perfectly.

The UH-60L Black Hawk is the world's most advanced twin-turbine military helicopter. Rock-steady veteran of 20 years - and counting, over 1,500 Army Black Hawks now serve with active duty and National Guard units around the world.