

## **MS65 Linear Actuators Keeps Choppers Afloat**

A specialty manufacturer of helicopter flotation devices recently improved an emergency flotation system for land based helicopters that fly over water. Land based helicopters are typically not equipped with floats that allow them to land on water, so they must seek hard ground for emergency landing.



The float manufacturer saw a unique opportunity to provide an improved system for inflating flotation devices that could be used on them in just such a situation. The new float design employed a safe and reliable means of inflation to ensure safe water landing. Until now, typical inflation systems employed either an explosive device or mechanical means for initiation.

A compact, electromechanical system with servomotor and actuator was used to operate a compressed air valve for float inflation in the new system. Torque Systems' MS 65 was the perfect choice for this part of the system due to its uniquely small, yet robust configuration. The MS 65 was selected for initial test and proved to be a reliable solution for the manufacturer, and is now being supplied in these new emergency flotation units.