

BLR Aerospace

Game-Changing FastFin Technology Takes the Industry by Storm

From a leading rotorcraft OEM to premier owners and operators worldwide, the industry has taken notice of BLR Aerospace and its game-changing FastFin® System. Despite a challenging economy, BLR logged record sales in 2011, with FastFin leading the way.

HOW GOOD IS THE FastFin® SYSTEM?

Larry Roberts, Senior VP, Commercial Business, Bell Helicopter

“How good...? We’ve made it standard on the Bell 412, and I think that speaks volumes.”

Providing complete mission solutions is a **top priority** for Bell Helicopter. Adding the FastFin tail rotor enhancement and stability system at the factory or aftermarket delivers an **FAA-certified 1,250-pound** increase in useful load.

How good is **FastFin**? Just ask Bell Helicopter.

Visit us at Heli-Expo, Exhibit 8846.



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The OEM Choice

Available for a range of Bell medium helicopters, FastFin is a simple modification that delivers big performance advantages. As a result, Bell Helicopter is now installing FastFin on factory-new Bell 412s, as are high-profile operators such as the New York Police Department and a range of other notable commercial and military operators.

Measurable Improvements

FastFin is certified for Bell 204, 205, 212, 412, Huey II, and most UH-1 derivatives as an aftermarket upgrade that delivers measurable gains in payload and stability. Depending on conditions, some Bell 412 operators could realize useful load increases up to 1250 pounds (more than 90%). Additionally, FastFin installation can reduce operating costs by up to 45 percent or more.

How it Works

The FastFin system modifies the tail boom with two parallel stall strips, known as Dual Tail Boom Strakes, and a reshaped vertical fin, optimizing airflow around the tail boom for dramatic improvements in tail rotor efficiency and wind azimuth tolerance. With these simple changes, operators can do — and earn — more than ever before.

About BLR Aerospace

BLR is focused on developing the highest performance aerodynamic solutions in the industry. BLR, now in its 21st year, holds patented technologies for both fixed- and rotary-wing aircraft, and has certified over 70 Supplemental Type Certificates. BLR remains focused on the development of products that increase gross weight and landing weight, reduce critical V-speeds, increase cruise speeds, reduce fuel burn, increase hover loads and improve handling qualities. BLR Aerospace is a NASA Technology Transfer Licensee. ■

Dave Marone

www.BLRaerospace.com

AVIATION'S TRUSTED Technology PARTNER.



WINGLETS
FASTFIN®

Building on a strong legacy of
aircraft performance enhancements for
the aftermarket, today's **BLR Aerospace** is also
a trusted technology partner to industry OEMs.
In the past year both **Bell Helicopter** and **Hawker
Beechcraft** have selected **BLR FastFin®** and **Winglet
Systems** for installation on three production models.



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