



# Inlet Barrier Filter Systems for Bell 206B/206L and 407 Helicopters



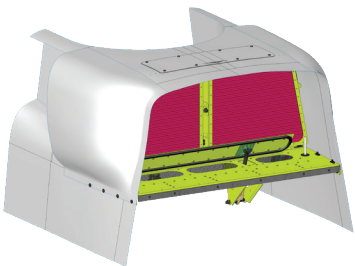
# TAKING FILTRATION TO NEW HEIGHTS

Dust, sand and debris routinely attack your turbine engines, hampering efficiency and impacting reliability.

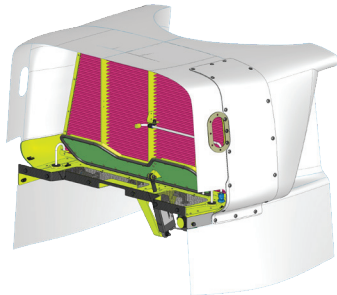
Installing an Inlet Barrier Filter (IBF) system is the most effective way to protect your engine and help meet established engine time between overhaul requirements.

## Donaldson’s IBF system is available factory direct and delivers:

- + More power available than alternate sand filter options
- + Longer engine life due to elimination of erosion
- + Reduced engine maintenance cost



Bell 206B/206L



Bell 407

## Product Overview

Features	Bell 206B, OH58A/C Part number 109000-103	Bell 206L-3/4, 206L-1(C30) Part number 106000-105	Bell 206L(C20) Part number 127000-101	Bell 407/407 GX Oiled Media part number 106000-103, Dry Media part number 106205-101
Design Features	Two rugged, lightweight, flat filters designed for fast exchange via a unique top access door without removal of the inlet fairing; self-contained and structurally integrated into the existing inlet plenum; simple installation with minimal modifications maintaining firewall integrity and utilizing original particle separator mount provisions; new engine water wash provision that operates without removal of the filters	Single, rugged, lightweight, flat filter designed for fast exchange via a unique side access door without removal of the inlet fairing; self-contained and structurally integrated into the existing inlet plenum; simple installation with minimal modifications maintaining firewall integrity and utilizing original particle separator mount provisions; new engine water wash provision	Two rugged, lightweight, flat filters designed for fast exchange via a unique top access door without removal of the inlet fairing; self-contained and structurally integrated into the existing inlet plenum; simple installation with minimal modifications maintaining firewall integrity and utilizing original particle separator mount provisions; new engine water wash provision that operates without removal of the filters	Single, rugged, lightweight, flat filter designed for fast exchange via a unique side access door without removal of the inlet fairing; self-contained and structurally integrated into the existing inlet plenum; simple installation with minimal modifications maintaining firewall integrity and utilizing original particle separator mount provisions; new engine water wash provision
Filter Life (Service Cycles)	4,500 hours (15 cycles every 300 hours)	4,500 hours (15 cycles every 300 hours)	4,500 hours (15 cycles every 300 hours)	4,500 hours (15 cycles every 300 hours)
Emergency Bypass	Unique plenum floor mounted bypass door to protect against dirt and snow; no flight restrictions with bypass open	Unique plenum floor mounted bypass door to protect against dirt and snow; no flight restrictions with bypass open	Unique plenum floor mounted bypass door to protect against dirt and snow; no flight restrictions with bypass open	Unique plenum floor mounted bypass door to protect against dirt and snow; no flight restrictions with bypass open
Components	Easily accessible via lower side access doors, common components with other models; non-intrusive cockpit installation; filter maintenance aid for on-condition assessment of filter status while aircraft is on the ground	Easily accessible via lower side access doors, common components with other models; non-intrusive cockpit installation; filter maintenance aid for on-condition assessment of filter status while aircraft is on the ground	Easily accessible via lower side access doors, common components with other models; non-intrusive cockpit installation; filter maintenance aid for on-condition assessment of filter status while aircraft is on the ground	Easily accessible via lower side access doors, common components with other models; non-intrusive cockpit installation; filter maintenance aid for on-condition assessment of filter status while aircraft is on the ground
Performance	Certified for use with basic inlet charts, backup EAPS charts	Certified for use with basic inlet charts, backup EAPS charts	Certified for use with basic inlet charts, backup EAPS charts	Certified for use with basic inlet charts, backup EAPS charts; improved hover performance with BHT-407-FMS-8
Certificates (Call for Latest Updates)	United States, Argentina, Brazil, Canada, Europe	United States, Argentina, Brazil, Canada, Europe, Malaysia	Canadian STC	United States, Argentina, Brazil, Canada, Europe, Mexico, China, India



[donaldsonrotorcraft.com](https://donaldsonrotorcraft.com)  
[donaldson.com](https://donaldson.com)

Donaldson Company, Inc.  
Aerospace & Defense Group  
17891 Chesterfield Airport Road  
Chesterfield, MO 63005

North America  
[aerospace.americas@donaldson.com](mailto:aerospace.americas@donaldson.com)  
+877-314-9640

Europe  
[aerospace.emea@donaldson.com](mailto:aerospace.emea@donaldson.com)  
+33 1 30 86 66 66

IMPORTANT NOTICE: Many factors beyond the control of Donaldson can affect the use and performance of Donaldson products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, product specifications, availability and data are subject to change without notice, and may vary by region or country.  
F112244 ENG (1/24) ©2024 Donaldson Company, Inc. All rights reserved. Donaldson Company, Inc. reserves the right to change or discontinue any model or specification at any time and without notice.