



Donaldson.  
FILTRATION SOLUTIONS

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



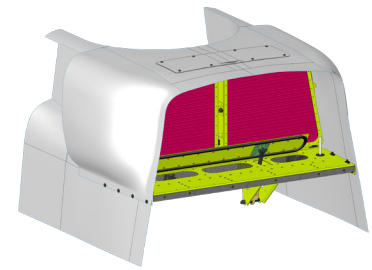
# TAKING FILTRATION TO NEW HEIGHTS

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

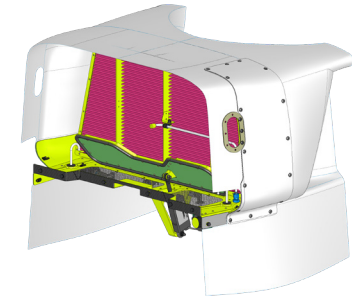
Installing an Inlet Barrier Filter (IBF) system is the most effective way to protect your engine and help meet established engine time between overhaul requirements.

## 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<br>Part number 109000-103  | Bell 206L-3/4, 206L-1(C30)<br>Part number 106000-105   | Bell 206L(C20)<br>Part number 127000-101  | Bell 407/407 GX<br>Oiled Media part number 106000-103,<br>Dry Media part number 106205-101   |
|---|---|--|---|--|
| <b>Design Features</b>                        | 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 |
| <b>Filter Life (Service Cycles)</b>           | 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)  |
| <b>Emergency Bypass</b>                       | 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  |
| <b>Components</b>                             | 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  |
| <b>Performance</b>                            | 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   |
| <b>Certificates (Call for Latest Updates)</b> | United States, Argentina, Brazil, Canada, Europe  | United States, Argentina, Brazil, Canada, Europe, Malaysia   | Canadian STC  | United States, Argentina, Brazil, Canada, Europe, Mexico, China, India   |

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