



**Donaldson**  
FILTRATION SOLUTIONS  
AEROSPACE & DEFENSE

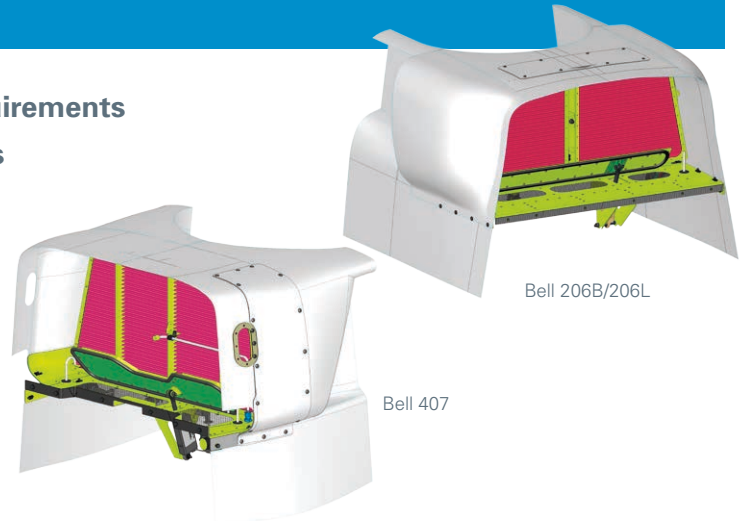
**ROTORCRAFT INLET BARRIER FILTER SYSTEMS for BELL 206B/206L and 407 HELICOPTERS**



# INSTALL BEFORE FLIGHT

Helicopters routinely contend with dust, sand and debris that attack turbine engines and impact engine reliability, hampering efficient engine operation. Installing an Inlet Barrier Filter (IBF) system is the most effective way to protect engines from damage ranging from lost efficiency to catastrophic failure while adding significant advantages.

- Meet established engine time between overhaul requirements
- More power available than alternate filtration options
- Longer engine life due to elimination of erosion
- Bell 407 & 206L-4 available factory-direct
- Reduced engine maintenance cost
- Inducer Vent Filter (IVF) available to supplement IBF for 100% inlet protection
- Dry media in certification



## PERFORMANCE AT-A-GLANCE

Features	Bell 206B, OH58A/C Part number 109000 -103	Bell 206L-3/4, 206L-1(C30) Part number 106000-105	Bell 407/407 GX Oiled Media part number 106000-103, 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	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)
<b>Emergency Bypass</b>	Unique plenum floor mounted bypass door to protect against dirt & snow; no flight restrictions with bypass open	Unique plenum floor mounted bypass door to protect against dirt & snow; no flight restrictions with bypass open	Unique plenum floor mounted bypass door to protect against dirt & 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
<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; 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	United States, Argentina, Brazil, Canada, Europe

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