



Donaldson
FILTRATION SOLUTIONS
AEROSPACE & DEFENSE

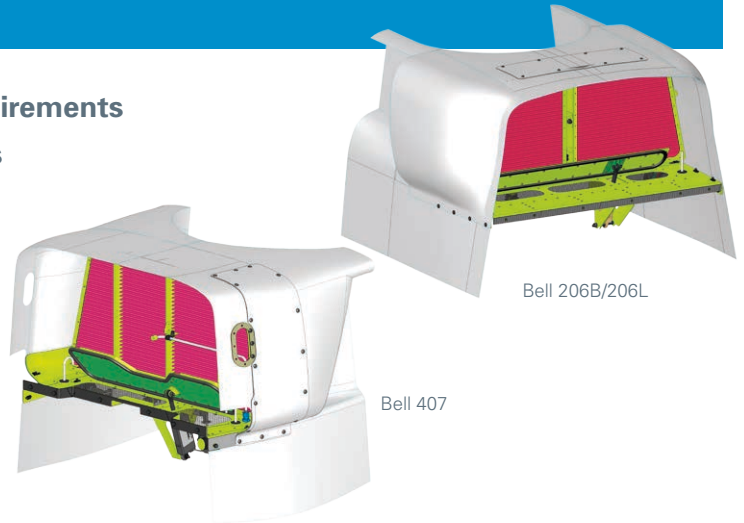
ROTORCRAFT INLET BARRIER FILTER SYSTEMS for BELL 206B/206L and 407 HELICOPTERS



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
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	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)
Emergency Bypass	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
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
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; 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	United States, Argentina, Brazil, Canada, Europe

DONALDSON INLET BARRIER FILTER

STC Matrix

Aircraft Type	TC/STC	Issuing Country	Issuing Authority	STC/TC Number
Leonardo AW109E/S/SP	STC	USA	FAA	SR02988CH
Leonardo AW109E/S/SP	STC	Argentina	DNA	CTS-1403.02 (A)
Leonardo AW109E/S/SP	STC	India	DGCA	07-07/2015
Leonardo AW109E/S/SP	STC	Mexico	DGAC	IA-320/2015
Leonardo AW109E/S/SP	STC	Brazil	ANAC	2012S01-15
Leonardo AW109E/SP	STC	Japan	JCAB	STC-257-OSA
Leonardo AW119, AW119MKII	STC	USA	FAA	SR02338CH
Leonardo AW119, AW119MKII	STC	Canada	TCCA	SH07-39
Leonardo AW119, AW119MKII	STC	European Union	EASA	EASA.IM.R.S.01315
Leonardo AW119, AW119MKII	STC	Mexico	DGAC	IA-329/2015
Leonardo AW119, AW119MKII	STC	Brazil	ANAC	2010S09-17
Leonardo AW139, AB139	STC	USA	FAA	SR02338CH
Leonardo AW139, AB139	TC	European Union	EASA	TC 10052093
Leonardo AW139, AB139	STC	Canada	TCCA	SH11-18
Leonardo AW139, AB139	STC	Brazil	ANAC	2010S08-05
Bell 205A1 & 212 (Eagle Single)	STC	USA	FAA	SR02358CH
Bell 205A1	STC	Argentina	DNA	CTS-0706.09 (A)
Bell 205A1	STC	Brazil	ANAC	2013S04-11
Bell 205A1	STC	Canada	TCCA	SH07-27
Eagle Single, Eagle Copters	STC	USA	FAA	SR02358CH
Eagle Single, Eagle Copters	STC	Canada	TCCA	SH07-28
Bell 206B	STC	USA	FAA	SR09451RC
Bell 206B	STC	Canada	TCCA	SH06-22
Bell 206B	STC	European Union	EASA	EASA.IM.R.S.01315
Bell 206B	STC	Brazil	ANAC	2007S02-05
Bell 206B	STC	Argentina	DNA	CTS-0706.09 (A)

Bell 206L	STC	Canada	TCCA	SH12-17
Bell 206L-1(C30), L-3, L-4	STC	USA	FAA	SR09421RC
Bell 206L-1(C30), L-3, L-4	STC	Canada	TCCA	SH04-46
Bell 206L-3, L-4	STC	European Union	EASA	EASA.IM.R.S.01008
Bell 206L-3, L-4	STC	Brazil	CTA	2005S03-06
Bell 206L-3, L-4	STC	Argentina	DNA	CTS-0501.02 (A)
Bell 230	STC	USA	FAA	SR02794CH
Bell 230	STC	Brazil	ANAC	2012S02-01
Bell 407	STC	USA	FAA	SR09368RC
Bell 407	STC	Canada	TCCA	SH04-34
Bell 407	STC	European Union	EASA	EASA.IM.R.S.01009
Bell 407	STC	Brazil	CTA	2005S03-07
Bell 407	STC	China	CAAC	VSTC0541
Bell 407	STC	India	DGCA	07-23/2016-AED
Bell 407	STC	Argentina	DNA	CTS-0501.01 (A)
Bell 407	TC	Russia	IAC	
Bell 429	TC	USA	FAA	R00003RD
Bell 429	TC	Canada	TCCA	H-107 Issue1
Bell 429	TC	European Union	EASA	Issued
Bell 430	STC	USA	FAA	SR02794CH
Bell 430	STC	Brazil	ANAC	2012S02-01
Airbus Helicopters AS350 B, B1, B2, BA, B3, B3e	STC	USA	FAA	SR02393CH
Airbus Helicopters AS350 B, B1, B2, BA, B3, B3e	STC	Canada	TCCA	SH07-55
Airbus Helicopters AS350 B, B1, B2, BA, B3, B3e	STC	European Union	EASA	EASA.IM.R.S.01509
Airbus Helicopters AS350 B, B1, B2, BA, B3, B3e	STC	Mexico	DGAC	IA-326/2015
Airbus Helicopters AS350 B, B1, B2, BA, B3, B3e	STC	Brazil	ANAC	2010S03-12
Airbus Helicopters AS350 B, B1, B2, BA, B3, B3e	STC	Brazil	ANAC	2010S03-13
Airbus Helicopters AS350, Soloy Aviation Solutions	STC	USA	FAA	SR00805SE
Airbus Helicopters AS350, Soloy Aviation Solutions	STC	USA	FAA	SR01647SE
Airbus Helicopters AS350, Soloy Aviation Solutions	STC	Canada	TCCA	SR01647SE Accepted
Airbus Helicopters AS350, Soloy Aviation Solutions	STC	European Union	EASA	EASA.IM.R.S.01222
Airbus Helicopters AS350, Soloy Aviation Solutions	STC	Brazil	ANAC	2008S01-13

Airbus Helicopters AS350, Airworthiness Resources Corp./Otech Aviation	LSTC	Canada	TCCA	C-LSH08-201/D, SH02-15
Airbus Helicopters EC130, AS350B3/B3e/T2 DH	STC	USA	FAA	SR02560CH
Airbus Helicopters EC130, AS350B3/B3e DH	STC	Canada	TCCA	SH09-3
Airbus Helicopters EC130, AS350B3/B3e DH	STC	Brazil	ANAC	2010S03-14
Airbus Helicopters EC130, AS350B3/B3e DH	STC	Mexico	DGAC	IA-373/2016
MD Helicopters: Model 369, MD 500 Series	STC	USA	FAA	SR01394LA
MD Helicopters: Model 369, MD 500 Series	STC	Canada	TCCA	SH04-24
MD Helicopters: Model 369, MD 500 Series	STC	European Union	EASA	EASA.IM.R.S.01067
MD Helicopters: Model 369, MD 500 Series	STC	Brazil	ANAC	2006S12-18
MD Helicopters: Model 369, MD 500 Series	STC	Argentina	DNA	CTS-0601.05 (A)
MD Helicopters: MD Explorer, MD 900 Series	STC	USA	FAA	SR02526CH
MD Helicopters: MD Explorer, MD 900 Series	STC	European Union	EASA	10026895
MD Helicopters: MD Explorer, MD 900 Series	STC	Canada	TCCA	SH11-26
MD Helicopters: MD Explorer, MD 900 Series	STC	Brazil	ANAC	2014S03-01
Sikorsky S-61	STC	Canada	TCCA	S15-31 (Coulson)

Donaldson Inlet Barrier Filter STC Matrix
 Updated: 5 January 2017