



Donaldson
FILTRATION SOLUTIONS
AEROSPACE & DEFENSE

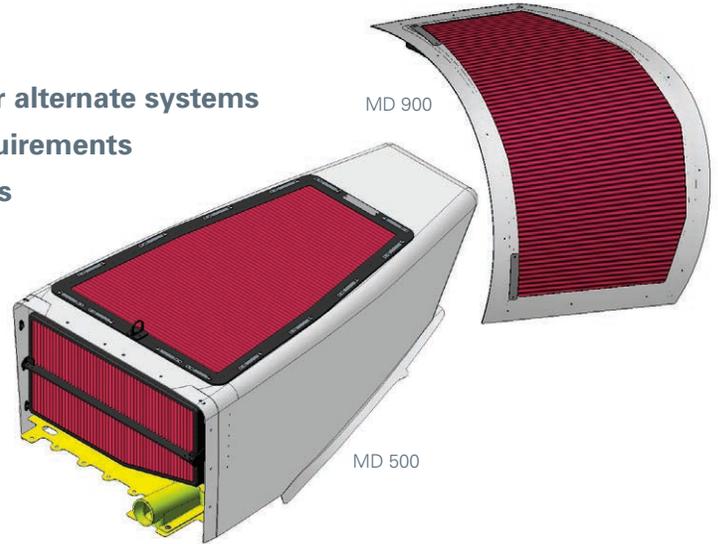
**ROTORCRAFT INLET BARRIER FILTER
SYSTEMS for MD HELICOPTERS
MD 500 and MD 900/902**



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.

- Reduced engine turbine operating temperatures over alternate systems
- Meet established engine time between overhaul requirements
- More power available than alternate filtration options
- Longer engine life due to elimination of erosion
- Reduced engine maintenance cost
- Available factory-direct
- Dry media in certification



PERFORMANCE AT-A-GLANCE

Features	MD 500 Series 369H/HE/HM/HS/D/E/F, AH/MH-6 Part number 102200-101	MD 900/902 Series Part number 114001-101
Design Features	Two flat filters, dual entry air inlets, utilizes new composite cowling, new reduced FOD potential bypass system	Two conformed filters, no increased drag penalty, structurally integrated into the existing manufacturer's inlet plenum for simple installation, utilize existing bypass system
Filter Life (Service Cycles)	7,500 hours (15 cycles every 500 hours)	4,500 hours (15 cycles every 300 hours)
Emergency Bypass	Inboard-facing flush bypass door protects against dirt & snow; no flight restrictions with bypass open	Utilizes existing MD 900 production aircraft bypass system
Components	Easily accessible and common to other models; includes a cockpit annunciation and activation switch along with a filter maintenance aid for on-condition monitoring while aircraft is on the ground. Environmental Cover for all weather non-operating protection included.	Cockpit annunciation and activation switch is standard MD 900 production aircraft equipment. IBF messaging is through the IIDS display. Environmental Cover for all weather non-operating protection included.
Performance	Certified with Rotorcraft Flight Manual charts for Particle Separator Installed, Scavenge Air Off, Without Mist Eliminator	US, Canada and European certified for use with EAPS charts, Category A operations approved
Certificates (call for latest updates)	United States, Argentina, Brazil, Canada, Europe	United States, Europe, Canada

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Brochure No. F112243 (2/16)

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