



**Donaldson**  
FILTRATION SOLUTIONS  
AEROSPACE & DEFENSE

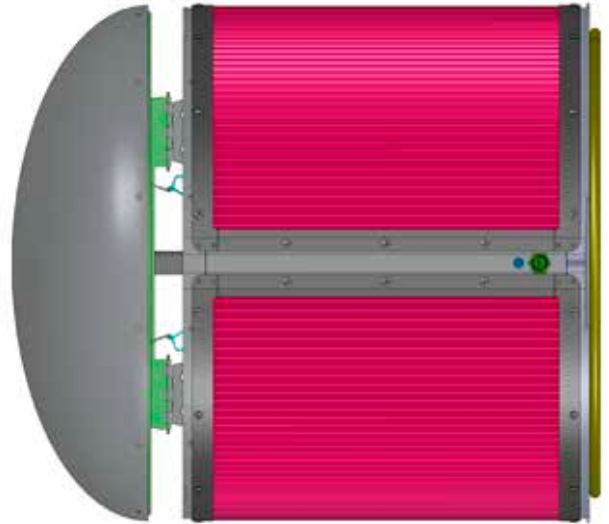
**ROTORCRAFT INLET BARRIER FILTER  
SYSTEM/UNIVERSAL FILTER MODULE  
for HEAVY TWIN HELICOPTERS**



# 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 solutions
- Longer engine life due to elimination of erosion
- Reduced engine maintenance cost



## PERFORMANCE AT-A-GLANCE

<b>Features</b>	<b>Universal Filter Module (UFM) currently available for Sikorsky S-61 and SH-3 Variants, applicability to wide range of heavy twin rotorcraft with other applications in development</b>
<b>Design features</b>	Low-drag filter module mounted forward of the engine inlets, entire module quickly removable, features three filters easily accessed and removable for service. Improved engine inlet access compared with other configurations. Environmental Cover for all weather non-operating protection included.
<b>Filter Life (Service Cycles)</b>	4,500 hours (15 cycles every 300 hours)
<b>Emergency Bypass</b>	Forward facing dome bypass provides protection from the environment for internal engine components
<b>Components</b>	Common filter elements interchangeable among aircraft, service same as other Donaldson IBF's.
<b>Availability</b>	Contact Coulson Group for S-61 Commercial Aircraft and Donaldson for Military SH-3 or Para-Military S-61 applications. <b>The Coulson Group</b> 4890 Cherry Creek Road, Port Alberni, BC, Canada V9Y 8E9 Phone (250) 724-7600 Fax (250) 723-7766

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**Brochure No. F112268 (2/16)**

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