



**Donaldson**  
FILTRATION SOLUTIONS  
AEROSPACE & DEFENSE

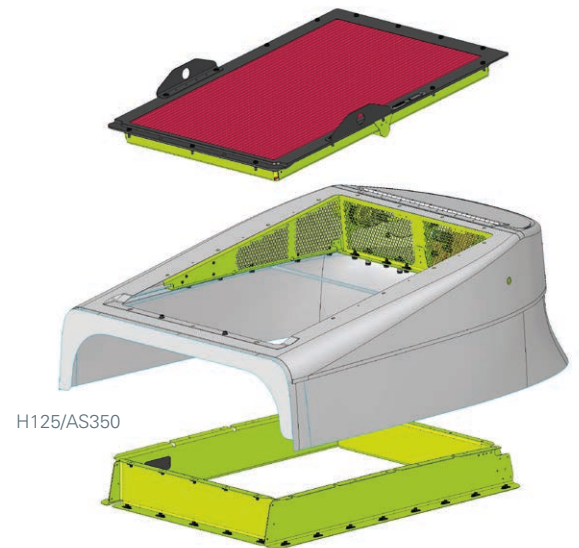
**ROTORCRAFT INLET BARRIER  
FILTER SYSTEMS for AIRBUS  
H125/AS350 SERIES HELICOPTERS  
(Single Hydraulic)**



# 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 sand filter options
- Longer engine life due to elimination of erosion
- Reduced engine maintenance cost
- Available factory-direct
- **Dry media in certification**



## PERFORMANCE AT-A-GLANCE

<b>Features</b>	H125/AS350B/BA/B1/B2/B3/B3e, Soloy SD/SD1/SD2, Heli-Lynx FX1/FX2 Part number 112005-101/103
<b>Design Features</b>	Single, rugged, lightweight, flat filter common to many AS350 models, utilizing captive fasteners allowing fast filter exchange; additional self-contained and structurally integrated fairing assembly mounted into the top of the existing engine inlet cowling; simple installation with minimal modifications
<b>Filter Life (Service Cycles)</b>	4,500 hours (15 cycles every 300 hours)
<b>Emergency Bypass</b>	Aft-facing bypass door to protect against dirt & snow; no flight restrictions with bypass open
<b>Components</b>	Easily accessible and common to other models; non-intrusive cockpit installation; components easily inspected via bypass door or integral sight glass; filter maintenance aid for on-condition assessment of filter status while aircraft is on the ground. Environmental Cover for all weather non-operating protection included.
<b>Performance</b>	Certified for use with basic inlet charts, backup Sand Filter charts
<b>Certificates (call for latest updates)</b>	United States, Canada, Europe, Brazil

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