



**Donaldson**<sup>®</sup>  
FILTRATION SOLUTIONS  
AEROSPACE & DEFENSE

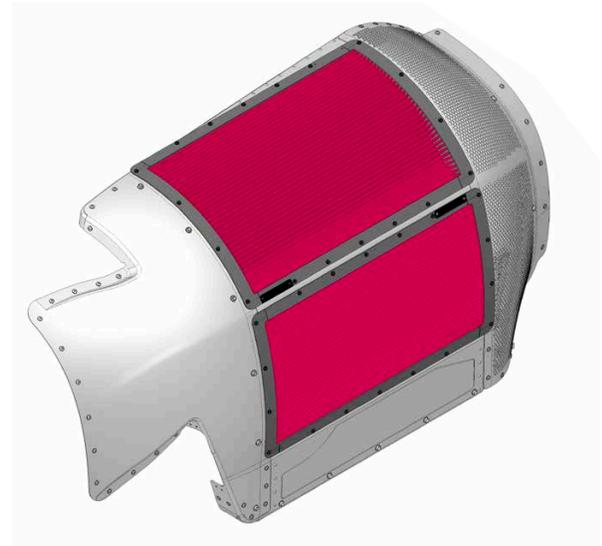
**ROTORCRAFT INLET BARRIER FILTER  
SYSTEMS for LEONARDO  
AB139 and AW139 HELICOPTERS**



## 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 systems
- Longer engine life due to elimination of erosion
- Reduced engine maintenance costs
- **Dry media in certification**



AW139

## PERFORMANCE AT-A-GLANCE

<b>Features</b>	AB139, AW139 Part number 122000-101
<b>Design features</b>	Two low-drag conformal fairing assemblies with two filters per side designed for fast filter exchange, fairing assembly structural kit mounted on the existing engine door to create a sealed intake plenum, auxiliary air inlet eliminated, straight forward IBF installation
<b>Filter Life (Service Cycles)</b>	4,500 hours (15 cycles every 300 hours)
<b>Emergency Bypass</b>	Flush inward opening side facing bypass door to protect against dirt & snow; no flight restrictions with bypass open
<b>Components</b>	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.
<b>Performance</b>	US, Canada, Brazil certified for use with basic inlet charts, backup EAPS charts, Category A operations approved
<b>Certificates (Call for latest updates)</b>	STC: United States, Brazil, Canada Finmeccanica TC: Italy