



Donaldson.  
FILTRATION SOLUTIONS

# Inlet Barrier Filter Systems for Leonardo AW109E/ AW109S/AW109SP, AW119 Koala, and AW119Ke Helicopters



# TAKING FILTRATION TO NEW HEIGHTS

Dust, sand and debris routinely attack your turbine engines, hampering efficiency and impacting reliability.

Installing an Inlet Barrier Filter (IBF) system is the most effective way to protect your engine and help meet established engine time between overhaul requirements.

## Donaldson's IBF system is available factory direct and delivers:

- + More power available than alternate sand filter options
- + Longer engine life due to elimination of erosion
- + Reduced engine maintenance cost



AW109



A119

## Product Overview

Features	AW109E/AW109S/AW109SP Part number 124000-101	A119, AW119Ke Part number 119000-101, 119000-105
<b>Design Features</b>	Two conformal filters mounted in the existing engine cowl doors, two bypass filters, no increased drag penalty, internally mounted bypass system with easy access aft cover	Three conformal filters, no increased drag penalty, self-contained and structurally integrated system into the existing manufacturer's inlet plenum for simple installation
<b>Filter Life</b> (Service Cycles)	4,500 hours (15 cycles every 300 hours)	4,500 hours (15 cycles every 300 hours)
<b>Emergency Bypass</b>	Internally mounted inside the upper sail to protect from environmental conditions	Aft-facing bypass door to protect against dirt and 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.	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 certified for use with basic inlet charts, Category A operations approved	US certified for use with basic inlet charts, European certified for use with EAPS charts
<b>Certificates</b> (Call for Latest Updates)	United States, Brazil, Mexico, Argentina (109E only), India, Japan (109E and 109SP only)	United States, Canada, Brazil, Europe, Indonesia, Mexico, Russia, Argentina (A119 only)

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