



Donaldson
FILTRATION SOLUTIONS
AEROSPACE & DEFENSE

ROTORCRAFT INLET BARRIER FILTER SYSTEMS for LEONARDO AW189 HELICOPTERS

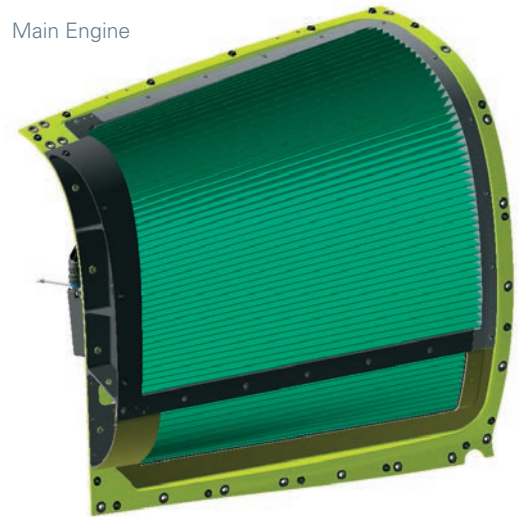


INSTALL BEFORE FLIGHT

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.

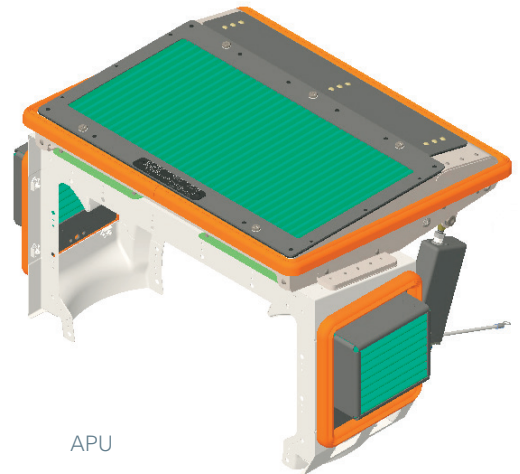
- Meet established engine time between overhaul requirements
- More power available than alternate filtration options
- Longer engine life due to elimination of erosion
- Reduced engine maintenance cost

Main Engine



PERFORMANCE AT-A-GLANCE

| | |
|---|---|
| Features | <p>AW189 Main Engine: Leonardo Part Number 8G7160V00631 (Donaldson p/n138001-101) Leonardo Part Number 8G7160V00731 (Donaldson p/n 138001-102)</p> <p>AW189 APU: Leonardo Part Number 8G7160V02431 + (2) 8G7160V02531 (Donaldson p/n 138002-101*)</p> <p><small>*The APU kit (138002-101) includes 138005-101 + (2) 138315-101</small></p> |
| Design Features | Two conformal filters that blend into the aircraft's modified fairings with integrated bypass system, utilizing captive fasteners. |
| Filter Life (Service Cycles) | 6,000 hours (15 cycles every 400 hours) |
| Emergency Bypass | Flush inward opening side facing filter; no flight restrictions with bypass open |
| Components | Easily accessible and common to other models; includes a cockpit annunciation and activation switch for both main engine and APU. Environmental Cover for all weather non-operating protection included. |
| Performance | LHD – EASA certified for use with basic inlet charts, Category A operations |
| Certificates (call for latest updates) | LHD – TC: EASA Donaldson FAA PMA |



APU

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