

FLY CLEAN. FLY DONALDSON.



Donaldson.
FILTRATION SOLUTIONS
AEROSPACE & DEFENSE

Robinson R66 Turbine Helicopters

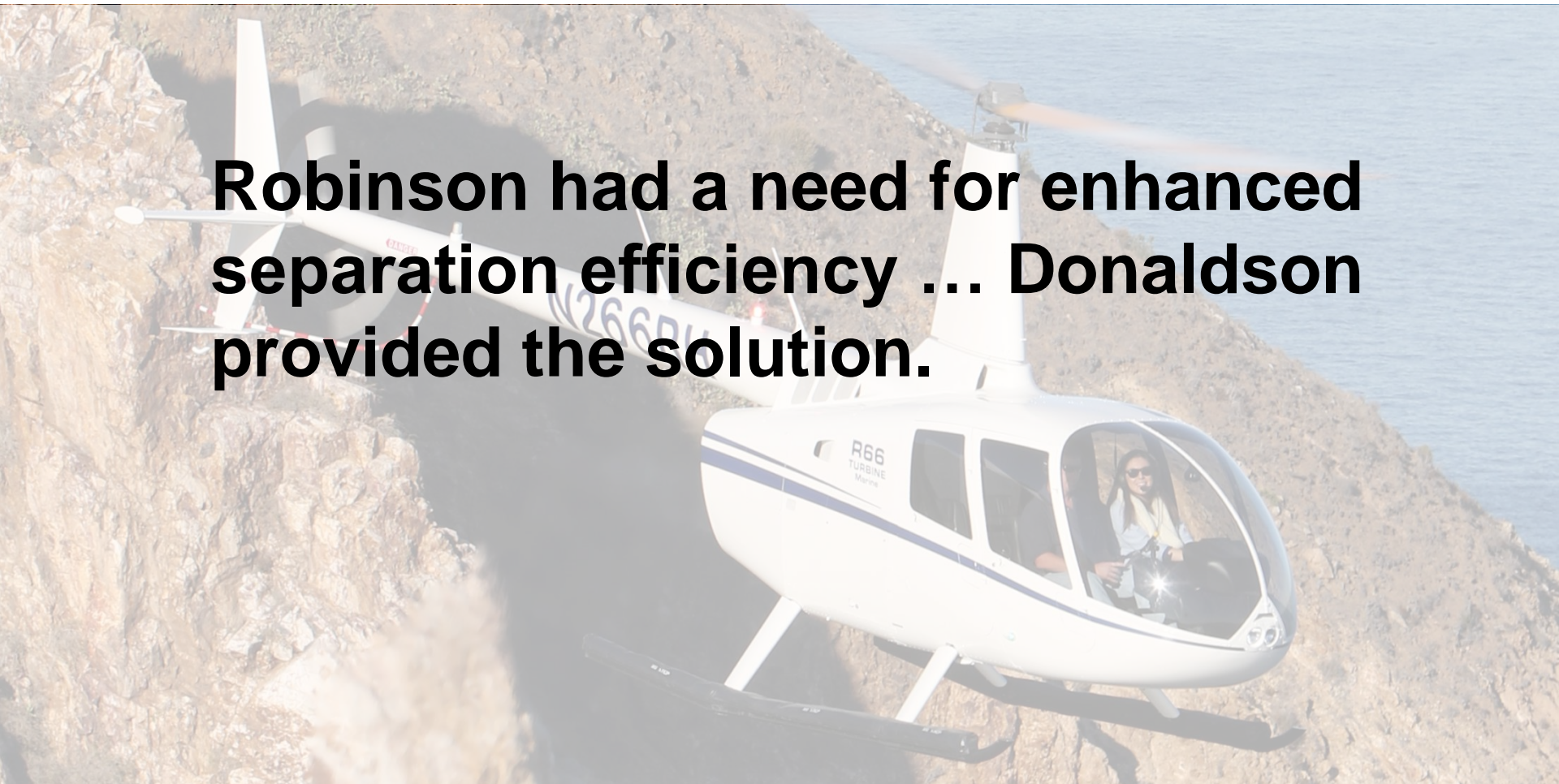


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Inlet Barrier Filter Presentation

Robinson had a need for enhanced separation efficiency ... Donaldson provided the solution.



Benefits

- Improved performance in extreme environments
- Reduced engine turbine operating temperatures
- Reduced engine maintenance costs
- Longer engine life due to protection from corrosion
- Meet or exceed established engine TBO requirements
- Maintenance friendly
- Retrofittable for current R66 rotorcraft

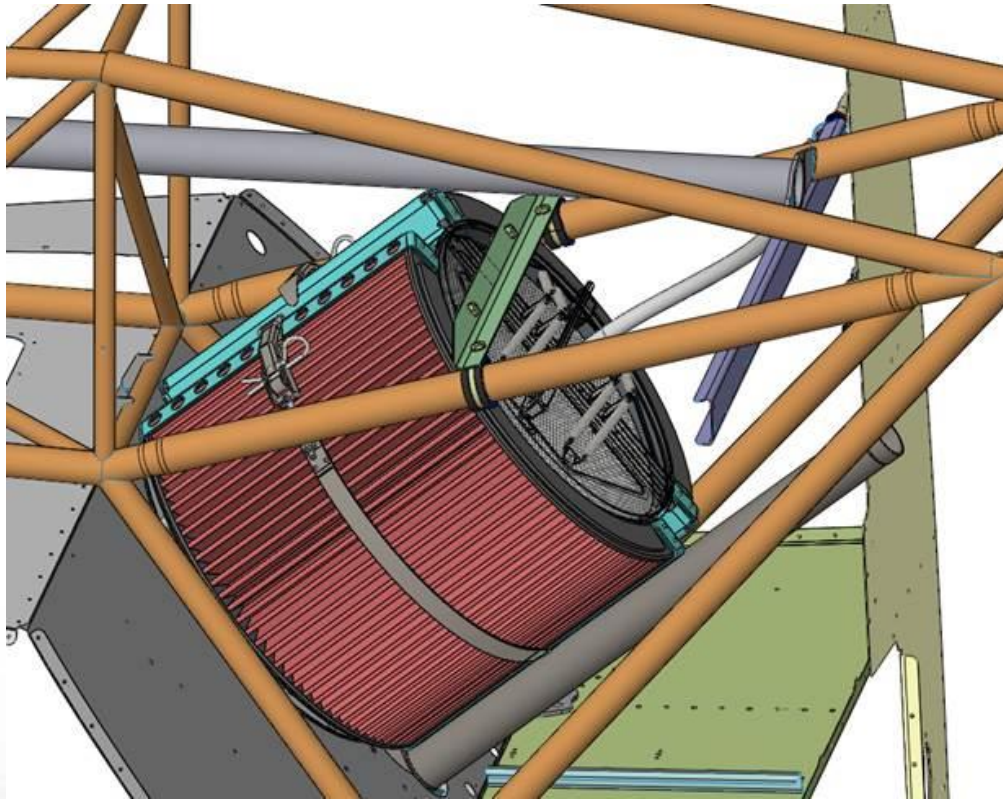
The performance of the Donaldson IBF is comparable to the Robinson standard filter with respect to pressure drop. The big advantage of the Donaldson IBF is the enhanced separation efficiency. The Donaldson oil wetted media provides a separation efficiency of > 99%. This allow operators to work in austere environments with confidence their engine is protected. Donaldson IBF engine protection with no performance penalty.

Design Features

- Flexible filter is delivered flat and curved during installation for 320 degrees of coverage and exceptional drive shaft protection.
- The filter, which can be quickly installed in less than a day with two easy steps.
- Basically modifies the existing R66 filter with Donaldson high-performance oiled media for superior IBF protection.

IBF Installed on Aircraft

8-12 Man hour installation

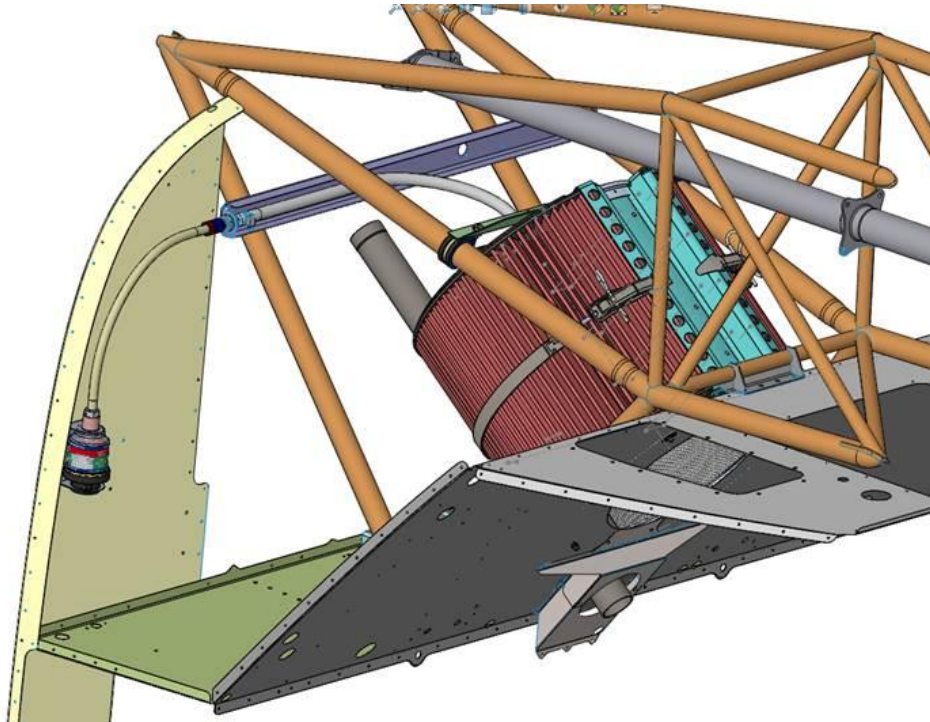


Filter Life (Service Cycles)

4,500 (15 cycles every 300 hours)

R66 IBF Components

- The R66 IBF utilizes the existing bypass system.
- Donaldson incorporates a filter maintenance aid for on-condition monitoring while the aircraft is on the ground, enabling pre- and post-flight filter health assessment.



Return On Investment

- Do you make it to TBO?
- How much does a partial or complete overhaul cost?
- How much time/money are you losing while your aircraft is down for an overhaul?
- Is a Donaldson improved filter a good investment?

R66 Donaldson Inlet Barrier Filter

Availability

- The filter is approved for installation worldwide.
- FAA Certification is awarded to Robinson Helicopter and will be offered as an installation option.
- Donaldson will carry a PMA for the aftermarket.



R66 Donaldson Inlet Barrier Filter

We protect what matters most.



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