



Pall Corporation

Bell 205 / UH-1 Helicopter Centrisep® Engine Advanced Protection System (EAPS)

Fit and Forget Engine Protection

Considered to be the most widely used helicopter in the world with more than 16,000 produced over the years, the Bell 205 / UH-1D and H models are still flown today by many military and civil operators around the globe.

This rugged and very capable utility helicopter is often engaged in demanding situations, operating 24/7 into unprepared landing grounds, where the helicopters' engine life can be severely reduced due to erosion.

The **fit and forget** Centrisep EAPS from Pall is the perfect solution for these challenging operations, and enhances helicopter reliability, availability, safety and performance.



Shielding the helicopters' engine from airborne contamination with Centrisep EAPS will result in:

- Reduced engine erosion and Increased engine service life
- Increased operational availability
- Reduced pilot workload
- Virtually maintenance free operation of the engine inlet air filtration system
- Safer operation



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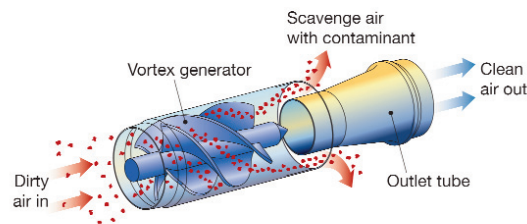
Product Details

Pall P/N: **AEA170-5** **(commercial)**
 CE00553-1 **(military)**

Scavenge System: Ejector scavenge

Certified for inadvertent entry in icing conditions.

No bypass door required.



The Pall Centrisep EAPS offers the following benefits:

Fit And Forget

Self-cleaning system which provides continuous protection. It does not require regular removal for maintenance and cleaning.

No Filter Blockage

Pressure drop across the Pall Centrisep EAPS does not increase with use and hence there is no risk of in-flight blockage.

Hot Gas Ingestion (HGI)

Reduces the effect of HGI by mixing the air flows from the hot gas and ambient air.



Increased MTBUR

Very effective at removing particulate contamination. Less dirt into the engine means reduced erosion damage.

Increased Flight Safety

Excellent protection against FOD (Foreign Object Damage).

CENTRISEP®
EAPS

All Weather Protection

Excellent protection in Ice, Snow, and Heavy Rain Conditions.



The Pall EAPS solution is also an environmentally friendly alternative to oil wetted barrier filters. There is no filter replacement and no daily cleaning as with oil based solutions which are difficult and expensive to dispose of.

Pall Centrisep EAPS units have been protecting helicopter engines since the 1960's. More than fifty different designs have been certified and operate worldwide. They are used on a variety of rotorcraft including Agusta/Westland, Bell, Boeing, Denel, Enstrom, Eurocopter, Kaman, MIL and Sikorsky.



Sea King S-61



B427



EC135



AS350/EC130



AW139



CH-47



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Pall Corporation has offices and plants throughout the world. For Pall representatives in your area, please go to www.pall.com/corporate_contact.asp.

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