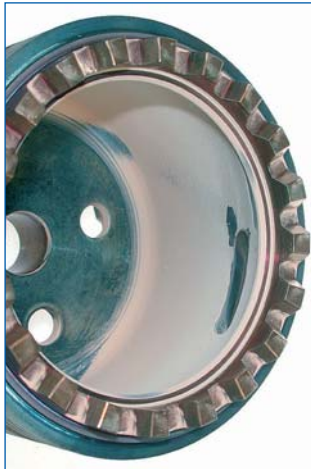


## AS350/EC130 Squirrel Helicopter Centrisep® Engine Advanced Protection System (EAPS)

### Improved Engine Protection

A certified Centrisep EAPS upgrade is now available to replace the 30 year old. The new, improved unit provides a dramatic increase in dust separation efficiency and hence significantly reduces the problem of fine dust accumulation in the inner shaft.

Extensive flight trials in desert conditions during the Paris-Dakar rally demonstrated a dramatic reduction in engine erosion.



<sup>1</sup>Hollow shaft:  
Only 0.021 oz (0.6 gr)  
contaminants



<sup>1</sup>Axial compressor:  
Negligible erosion

The performance enhancements were achieved without any detrimental effect in terms of weight or power penalty compared to the previous equipment.

In-service experience has demonstrated the superior performance of the Centrisep EAPS over other filtration devices that demand regular maintenance and cleaning.



<sup>1</sup>Paris-Dakar rally flight trials.

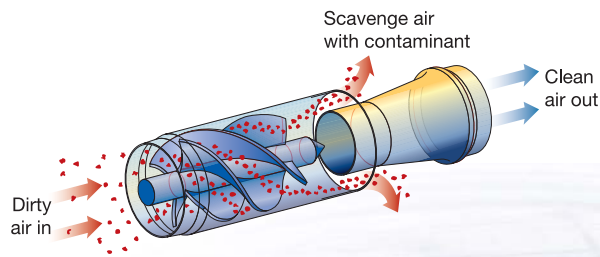
AS350 Series A-Star helicopter Centrisep EAPS;  
joint development by Pall and Turbomeca.



## Product Details

**Turbomeca P/N: 0617-71-00 to 0617-71-05**

Retrofit kits available for operators with older Centrisep designs. Latest design available as a factory option for new build helicopters.



Scavenge System: Ejector scavenge

Approval: Turbomeca obtained STC approval - EASA.R.S.00753 (June 2005)  
OEM Approved option for AS350 and EC130 helicopters.

Certified for inadvertent entry into 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.

### Hot Gas Ingestion (HGI)

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

### Increased Flight Safety

Excellent protection against FOD (Foreign Object Damage).

### 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.

### Increased MTBUR

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

**CENTRISEP®**  
EAPS

### All Weather Protection

Excellent protection in Ice, Snow and Heavy Rain Conditions.



ENABLING A  
GREENER  
FUTURE™

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



Pall Corporation

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