

CH-47 Chinook Helicopter

PUREair System

The Ultimate in Engine Protection

The CH-47 Chinook is the workhorse for military transport operations. The multi-mission capability of this heavy lift helicopter means it can be used for a huge variety of roles from troop transport to disaster relief and medical evacuation. These demanding missions mean frequent landings on unprepared grounds away from the main base.

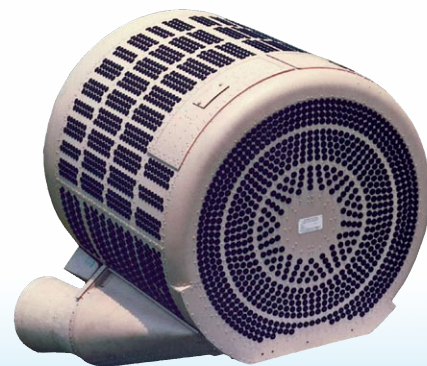
The *PUREair* system is the perfect solution for such challenging operations.

It provides the highest level of engine protection which results in:

- Reduced maintenance & operational costs
- Increased operational availability & reduced downtime
- Increased engine reliability
- Safer operation (protection against FOD, ice, snow and sand)
- Protection against engine erosion



PUREair system for the CH-47 Chinook helicopter



PUREair

FEATURING  TECHNOLOGY
Aerospace

Product Details

Pall P/N: QB0459-03 (Port) QB0460-03 (Starboard)

UK Version: Pall P/N: QB0459-03 (Port) AB0460-03 (Starboard)

US Version: Pall P/N: CE011675L (Port) CE011676R (Starboard)

Product available as a factory option for new build helicopters

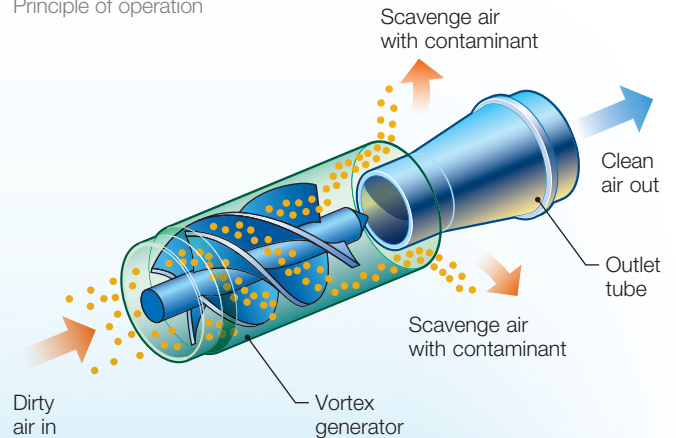
Scavenge System: Fan Scavenge (2 per helicopter)

Approval: Boeing Service Bulletin SB459-60-2

Certified as an all-weather, permanent fit system.

PUREair Vortex Tube

Principle of operation



The *PUREair* system benefits:

Self Cleaning System

No barrier filters to clean /replace

Constant Removal Efficiency

Non-bypass system. No degradation in filtration performance

No Filter Blockage

PUREair pressure drop does not increase with use - no risk of in-flight filter blockage

Increased Engine MTBUR

Improved protection from engine erosion

Increased Flight Safety

Excellent protection against FOD (Foreign Object Damage)

All Weather Protection

Excellent protection in Ice, Snow, Heavy Rain, and Salt Spray Conditions. Certified for flight in "known icing conditions"

Pall *PUREair* systems 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 AgustaWestland, Bell, Boeing, Denel, Enstrom, Airbus Helicopters, Kaman, MIL and Sikorsky.



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