

Why does my aircraft engine need AEROMAG™?

- Improve engine oil filtration efficiency 1,000%!
- AEROMAG's powerful rare-earth magnets trap and hold wear-inducing metal particles smaller than 25-microns down to less than 1-micron that the filter cannot stop.
- AEROMAG is constructed from the highest quality components and is completely reusable. No moving parts to wear out.
- AEROMAG will help you reach TBO.
- AEROMAG will not affect instruments.
- Installation is simple. Strong neodymium magnets secure it to the filter and trap harmful particles with the same powerful bond.
- Money-back guarantee and lifetime warranty.



Photo of an actual cut-open filter, showing the debris trapped and held in the magnetic flux field of an AEROMAG, installed on a filter from a Lycoming IO540 for only 10 hours.

AEROMAG™ keeps your oil cleaner so it lubricates better, allowing your engine to run cooler.

Lyc 0-320 engine oil analysis with and without AEROMAG™

SAMPLE	TAKEN	HOURS	IRON	COPPER	NICKEL	CHROME	MAG.	ALUM.	LEAD	SILICONE	TIN	MOLY
WITHOUT AEROMAG:												
P-16	6/22/04	40	47.4	10.0	4.3	6.4	0.2	7.9	4653	7.2	0.6	1.1
AEROMAG INSTALLED:												
P127	9/8/04	40	16.9	7.0	1.6	6.1	0.5	4.2	2480	5.9	0.0	0.2

Analysis provided by Aviation Laboratories • 910 Maria Street, Kenner, LA 70062 • 504-469-6751

AEROMAG Testimonials:

"Being a four-time experimental aircraft builder, and having had two actual dead-stick landings, I insist on every advantage possible. I was intrigued when I learned that by simply snapping an AEROMAG onto my oil filter I could remove the steel particles in my oil that my standard filter misses. After performing two oil changes at 40 hour intervals, (one without the AEROMAG and one with), I was delighted to find that the test results with the AEROMAG reduced all contaminants by 50% or more!"
—John Furey

"In examining the oil analysis from my engine, I noticed a significant drop in the steel particle count. There was also a corresponding drop in the soft metal particle count. The soft particle count went down because all the steel particles the AEROMAG removed were no longer in the oil chewing away at the soft metals. I proved it; AEROMAG really works!"
—B. Fowler, SX300 owner



Don't fly another hour without AEROMAG!

Photo by Ed Hicks. Cover photo by Bill Pearce.

FAA APPROVAL PENDING

Supercharge Your Oil Filter!



The Blue Thunder Air Racing Team was ecstatic when we set a new qualifying and race speed record in the Sport Division Here at the Reno National Championship Air Races as well as placing second in the Gold main event. "AeroMag was an integral part of this success."

—John Parker



Simply 'SNAP' AEROMAG onto Your Oil Filter Today!

AeroMagnet, Inc.

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Frequently Asked Questions

▶ What is AEROMAG?

AeroMag™ is a powerful high-tech magnet assembly that traps and holds steel particles against the inner wall of the filter canister. These are the particles that are missed by the standard aircraft oil filter.

▶ Why should I use AEROMAG?

Peace of Mind. Your oil is much cleaner and your chances of reaching TBO are greatly improved!

▶ What are the advantages of using AEROMAG?

Cleaner Oil! Fewer damaging wear particles recirculating in your oil produces prolonged engine life. AeroMag has no moving parts, and installation is a “snap.”

▶ How long will AEROMAG last?

AeroMag uses strong permanent neodymium magnets—its powerful magnetic properties will last for decades.

▶ What is Neodymium?

Neodymium (Nd) is a rare earth element discovered in 1885. AeroMag engineers selected neodymium because of its exceptional magnetic properties. AeroMag has approximately 750 lbs. of magnetic pull force.

▶ Is AEROMAG suitable for racing?

Absolutely. Follow directions to install and secure AeroMag.

▶ What type of engines need AEROMAG?

All types. Whether your engine is new or has several hundred hours, AeroMag provides assurance for longer engine life.

▶ What size particles does the oil filter trap?

A typical aircraft oil filter traps particles 25-microns and larger. AeroMag traps and holds iron and steel particles below 25-microns down to even less than 1-micron.

▶ Are microscopic particles smaller than 25-microns a problem?

Yes. According to SAE Paper #881825 *Correlating Lube Oil Filtration Efficiencies with Engine Wear*, “Controlling the abrasive contaminants in the range of 2- to 22-microns in the lube oil is necessary for controlling engine wear.” These small particles pass through the standard oil filter and cut into the tiniest micro-machined clearances inside your engine.

▶ What is a micron?

A micron is one-millionth of a meter. A human hair is approximately 75-microns.

▶ Should I change my maintenance schedule if I am using AEROMAG?

No. AeroMag is not a replacement for regular servicing or periodic maintenance but simply provides a great improvement to filtration capabilities.

▶ How many AEROMAGs are used on a filter?

One AeroMag is more than sufficient to trap and hold wear particles from damaging your engine.

▶ Is AEROMAG removal difficult?

No. The magnetic force field of each unit is precisely focused close to the inner surface. Simply slide AeroMag off the filter to break the magnetic field.

▶ Does AEROMAG cause interference to equipment or electrical systems?

No. AeroMag products are manufactured to precise engineering specifications that concentrate their enormous energy inwards and are shielded on the external side. They are completely safe to use in the presence of electrical equipment. As a precaution, always check your compass after installation.

▶ Can AEROMAG's effectiveness be shown?

Yes. With an AeroMag still attached, cut open your filter as usual. Carefully remove the paper element to see for yourself all of the metal particles that were trapped by the AeroMag! Be sure to re-install your AeroMag onto your new oil filter.

▶ Is it necessary to continue oil analysis?

Yes. Oil analysis provides scientific proof of the effectiveness of AeroMag and will give you direct comparison between your previous analysis and your new one.

▶ What is AEROMAG's warranty?

All AeroMag products have a limited lifetime warranty that covers any manufacturing defects for the life of the product. AeroMag will replace at no charge any defective unit.

▶ What sizes are available?

AeroMag has models to fit Lycoming, Continental, and Rotax engines for general aviation.



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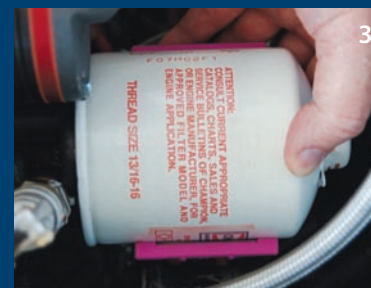
Installation is simple!



You don't have to wait until your next oil change to install AEROMAG™ because removal of the existing filter is not necessary. First, temporarily remove filter safety wire.



Snap AEROMAG in place.



Roll AEROMAG around clockwise to the bottom of the filter. Don't loosen the filter.



For additional assurance, secure AEROMAG with the supplied band clamp.



Reinstall filter safety wire. That's it!