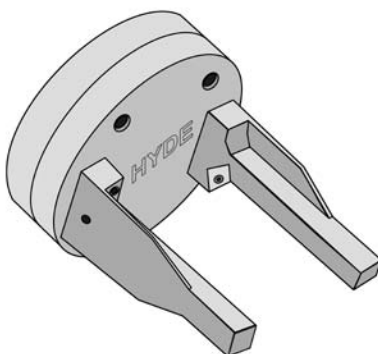




Hyde Isolating Mounts



Getting What You Pay For

Why are so many experienced pilots willing to pay more money for an engine mount? Probably because they understand what a **Hyde Mount** does.

Numerous tests were run to determine vibration levels, with and without a soft mount. While conducting those tests, one area proved to be very interesting. It had to do with measuring the current draw in a typical aircraft with 8 servos connected to the receiver, with the engine hard mounted, and with zero stick movement from the transmitter.

Before the engine was started it was determined from the flight pack, that there was 95mA of current being drawn, but after starting the engine and running it up to full throttle the current went up to 375mA. It seems the servos were consuming more current to keep the surfaces from moving due to the vibration from the "hard mounted" engine being transmitted to the control surfaces.

In other words, it required an extra 280mA of current for the servos to keep the surfaces in their commanded positions from the transmitter with *zero control sick movement*.

The engine was then re-installed with a **Hyde Mount**. Before starting, the current was checked at 95mA, as in the previous test. However, when the engine was run up to full throttle the system only drew 125mA, which means that the mount isolated enough vibration from the aircraft control surfaces to only cause 30mA work load on the servos, instead of the 280mA with the hard mounted engine. (Yes, this test was repeated, as it was hard to believe the results.)

So what's the significance of this? If we could reduce the vibration on just our servos, we could extend their life by 10 to 15 times. What about the airframe, and the reliability of the entire aircraft. You do the math, and then subtract the price of the **Hyde Mount** from it.

Assuming this proves true, shouldn't we also see increased flight times from a single charge on our flight packs? Absolutely! And that's what they found. Typically, if you recharge at a given cut off voltage by using your expanded scale voltmeter, you get 2 flights with a hard mount, versus 4 to 6 flights with the **Hyde Mount**.

So does a few more flights out of a charge on receiver pack justify an expensive mount? Of course not. And that's not the point. Why not buy a cheaper isolation mount and accomplish the same thing for less money?

Here's why: After testing several other isolation mounts, none even came close to the **Hyde Mount** performance. Most didn't change the current flow readings that much from a hard mounted engine. In fact, one of the other isolation mounts actually pulled *more* current, as it *increased* the work load of the servos!

This information is not meant to slam any manufacturer or demean his product in any way, nor is it to bias a test in favor of one product over another so we could sell more expensive engine mounts. In fact, one of the "other" mounts tested

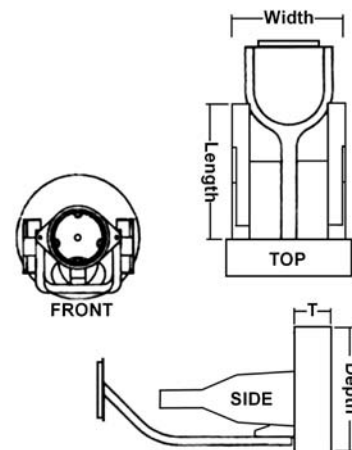
was actually more expensive than the comparable **Hyde Mount**.

If you're interested in more details or specifics on the mounts that were tested, contact **Merle Hyde** at **702-269-7829**. He conducted most of the testing himself.

Please do not call Central Hobbies and ask us which mount was the "second best", or "worst", etc. We can only recommend the best one — the **Hyde Mount**. It's the one we use!

Use the graphics and information on these pages to select the right HYDE mount for your plane's engine.

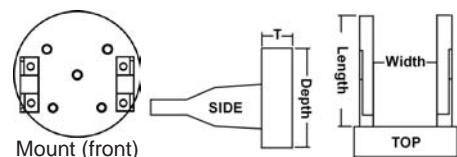
If you need more help, visit our website or call Central Hobbies at 1-406-259-9004 for technical information.



Types A,

Used without a nose ring support. For removable cowls in standard installation.

Engine	91	120	140
Depth	2.875"	3.375"	3.5"
Thickness	0.5"	0.9375"	0.9375"
Length	3.0"	3.5"	3.5"
Width	1.70"	1.90"	1.90"



Type AR, ARA, & ARSA

Requires a nose ring support to be built into the aircraft. Best for narrow fuselage with solid nose and non-removable cowl.

See Diagram Above

Engine	120	140
Depth	3.0"	3.125"
Thickness	0.9375"	0.9375"
Length	3.5"	3.5"
Width	1.90"	1.90"

ARI, RIA, ARISA & RISA

ARI, ARISA, RIA, ARISA & RISA mounts feature a built-in nose ring support. The ultimate soft mount for YS 120/140 engines!

Engine	120	140
Diameter	3.0"	3.125"
Thickness	0.9375"	0.9375"
Length	3.5"	3.0"
Width	1.90"	1.90"

We Know our Products

Central Hobbies has provided more Hyde Mounts to R/C Pattern Pilots than all other dealers combined! The overwhelming choice of pattern pilots all over the world. These mounts reduce noise and save wear on your expensive servos and receivers. Light and reliable. Highly recommended!