
Afterburning JJ1800...!

Posted by smithy - 2008/03/13 08:53

Hey All,

I've taken a few pics of my JJ1800 fitted with an afterburner, hope you enjoy. In it's current state it produces just over 27lbs of static thrust.

I had the thrust slightly higher than this a month or two ago but the A/B exhaust temps were through the roof, so I modified the system somewhat to bring the temps down to a useable level.

<http://www.ausjets.com/images/fbfiles/images/DSCF0335.GIF>

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Re:Afterburning JJ1800...!

Posted by garvarno - 2008/09/02 19:03

Hi Brett,

Why does the jetjoe range use marine oil instead of turbine oil??

Feedback appreciated, Gavan

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Re:Afterburning JJ1800...!

Posted by smithy - 2008/09/03 04:18

Hey Gavan,

To be honest, most model turbine engines can use and will happily run on a variety of oils and fuels, however, the manufacturer of each engine type will have extensively tested their engines with a "preferred" fuel and oil combination. Often the warranty of an engine can be voided if the manufacturer recommended fuels and oils aren't used exclusively.

The Jet-Joe range of engines will happily run on Kerosene, Jet A-1 and even a good quality diesel fuel, when it comes to the oils, most manufacturers tend to go for the quality synthetic turbine oils such a Mobil Jet-II and similar, but there are a variety of good quality synthetic two-stroke oils such as the one you mention which do an admirable job.

Also some manufacturers will have a specific lubrication system within their engines and will specify the required mix of oil in the fuel, Jet-Joe engines use 5% whereas Jet-Central Artes recommend 2.5%.

Hope this helps answer your question.

Cheers,
Smithy.

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Re:Afterburning JJ1800...!

Posted by garvarno - 2008/09/04 18:38

Thanks Brett,

I forgot to ask you about that the other night . Cheers

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Re:Afterburning JJ1800...!

Posted by smithy - 2008/09/05 06:26

No probs Gav,
Any time.

Cheers,
Smithy.

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Re:Afterburning JJ1800...!

Posted by Erichaze - 2008/10/26 07:45

Hi Smithy

New to Ausjets and forum, does this mean warranty is void if JJ is run on Mobil Jet2

Cheers

Eric

Re:Afterburning JJ1800...!

Posted by smithy - 2008/10/27 05:15

Hey Eric,

Certainly not, in fact I thoroughly recommend the use of Mobil Jet-II as a lubricant for just about all model turbine engines. I use it exclusively on all our JetJoe and Jet-Central turbines. Personally I don't think you could do much better than Mobil Jet-II. There are many good quality turbine oils available such as Shell and Exxon just to mention a couple. I think it comes down to availability to the end user and of course, cost.

Cheers,

Smithy.
