
From: jeffrey E. <jeevacation@gmail.com>
Sent: Sunday, June 21, 2015 3:16 PM
To: Peter Attia
Subject: Re: Re:

now good [REDACTED]

=br>

On Sun, Jun 21, 2015 at 11:08 AM, Peter Attia <[REDACTED]> wrote:

Sure. I have a bunch of calls, but let me know when you're free.

From: jeffrey E. [mailto:jeevacation@gmail.com <jeevacation@gmail.com>]
Sent: Sunday, June 21, 2015 4:37 AM
To: Peter Attia
Subject: Re: Re:

tlak today?

On Sat, Jun 20, 2015 at 3:18 PM, Peter Attia [REDACTED] wrote:

Ha ha ha!!! How often do you go to Paris?

From: jeffrey E. [mailto:jeevacation@gmail.com <jeevacation@gmail.com>]
Sent: Saturday, June 20, 2015 12:18 PM
To: Peter Attia
Subject: Re: Re:

seeing the fuel on the ground in palm beach

On Sat, Jun 20, 2015 at 3:12 PM, Peter Attia [REDACTED] wrote:

Why did you tell me????? I wanted to figure this out=!!

How long did it take you to figure out?

From: jeffrey =. [mailto:jeeva=ation@gmail.com <mailto:jeevacation@gmail.com>]
Sent: Saturday, June 20, 2015 12:11 PM
To: Peter Attia
Subject: Re:

i did not repaint ANS, =C2 fuel expands when heated, . so though the plane in=ially took the same amount of fuel the black wings heated the fuel a=d threw it overboard.!!!

On Sat, Jun 20, 2015 at 3:05 PM, Peter Attia [REDACTED] wrote:

I have a few ideas, and if wrong a few questions =80

Other ideas:

1. =ven though you dismissed weight, I wonder if there is something about the =eight that alters the optimal fuel burn ration during takeoff when thrust =s highest that hinders range down line?
2. =oes the pain alter the high lift devices such that takeoff and landing are=less fuel efficient?

Observations:

1. =’ve never seen a commercial jet painted black... I wonder if=the problem is the color or the application/variant you used=/p>
2. =upersonic jets (no need for Bernoulli) are black all the time (though this=may have more to do with anti-radar) and/or they may be willing to give up=range in exchange for these
3. = was trying to do a Gedankenexperiment <<http://www.merriam-webster.com/dictionary/g=dankenexperiment>> to simplify the problem: imagine two fast cars, identical in every=way, except one is pained black. Would the same range-reduction effect be =bserved? If not, would it be because cars are dominated by rolling resistance and form drag, while subsonic pla=es are dominated by skin friction? Or would the effect be absent because t=e speeds are too low?

Lastly, a question:

When you "undid" this black paint th=ng, did you strip off the black paint, or did you just re-paint? If the la=ter, did you recoup the lost range?

P

From: jeffrey =. [mailto:jeeva=ation@gmail.com <mailto:jeevacation@gmail.com>]
Sent: Saturday, June 20, 2015 5:34 AM
To: Peter Attia
Subject:

figure it out yet

--

please no=e

The information contained in this communication is confidential, may be attorney-client privileged, may constitute inside information, and is intended only for the use of the addressee. It is the property of JEE

Unauthorized use, disclosure or copying of this communication or any part thereof is strictly prohibited and may be unlawful. If you have received this communication in error, please notify us immediately by return e-mail or by e-mail to jeevacation@gmail.com <mailto:jeevacation@gmail.com> , and destroy this communication and all copies thereof, including all attachments. copyright -all rights reserved

--

please no=e

The information contained in this communication is confidential, may be attorney-client privileged, may constitute inside information, and is intended only for the use of the addressee. It is the property of JEE

Unauthorized use, disclosure or copying of this communication or any part thereof is strictly prohibited and may be unlawful. If you have received this

communication in error, please notify us immediately by return e-mail or by e-mail to jeevacation@gmail.com <mailto:jeevacation@gmail.com> , and destroy this communication and all copies thereof, including all attachments. copyright -all rights reserved

--

please no=e

The information contained in this communication is confidential, may be attorney-client privileged, may constitute inside information, and is intended only for the use of the addressee. It is the property of

JEE

Unauthorized use, disclosure or copying of this communication or any part thereof is strictly prohibited and may be unlawful. If you have received this communication in error, please notify us immediately by return e-mail or by e-mail to jeevacation@gmail.com <mailto:jeevacation@gmail.com> , and destroy this communication and all copies thereof, including all attachments. copyright -all rights reserved

--

please no=e

The information contained in this communication is confidential, may be attorney-client privileged, may constitute inside information, and is intended only for the use of the addressee. It is the property of

JEE

Unauthorized use, disclosure or copying of this communication or any part thereof is strictly prohibited and may be unlawful. If you have received this communication in error, please notify us immediately by return e-mail or by e-mail to jeevacation@gmail.com <mailto:jeevacation@gmail.com> , and destroy this communication and all copies thereof, including all attachments. copyright -all rights reserved

--

please =ote

The information contained in this communication is confiden=ial, may be attorney-client privileged, may constitute inside informati=n, and is intended only for the use of the addressee. It is the propert= of JEE Unauthorized use,

disclosure or copying of this communication or any part thereof is strictly prohibited and may be unlawful. If you have received this communication in error, please notify us immediately by return e-mail or by e-mail to jeevacation@gmail.com <<mailto:jeevacation@gmail.com>> , and destroy this communication and all copies thereof, including all attachments. copyright -all rights reserved