

## Richard W Rochfort

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**From:** noreply@mmopa.net  
**Sent:** Tuesday, December 16, 2008 2:41 PM  
**To:** rochfort@verizon.net  
**Subject:** MMOPA Forums - Turbine Operations - Re: Starter/Generator

Reply-To: noreply@mmopa.net  
Message-Id: <20081216193904.B4DB1735E2@moplxt101>  
Date: Tue, 16 Dec 2008 13:39:04 -0600 (CST)

Posted By: rrochfort (Dick Rochfort)

Hi Harry,

Pratt & Whitney Canada used to give a two day pilot familiarization course in St Hubert which was excellent. In that course, and through the relevant guides PWC suggests that you introduce fuel as the engine scrolls through 13%.

There are two reasons for this. First, there is a delay between moving the run/cutoff lever and the introduction of fuel. Second, there will be less wear on the starter motor and battery. It is also wise to observe the buss voltage during the start and the load on the generator immediately after engaging the generator. You will quickly note a pattern as well as a significant difference between battery and 28V GPU starts.

Always be sure to use a 28 volt cart whenever one is available for the same reasons as above and cooler starts; much cooler.

Here are some links that make these and other relevant points about PT6 operation.:

A short article on the topic:  
[http://www.rwrpilottraining.com/Im\\_Glad\\_You\\_Asked/Turbine\\_Engine\\_Starting\\_Parameters.pdf](http://www.rwrpilottraining.com/Im_Glad_You_Asked/Turbine_Engine_Starting_Parameters.pdf)

A short video on turbine engine management:  
[http://www.rwrpilottraining.com/Meridian-Turbine\\_Engine\\_Management.wmv](http://www.rwrpilottraining.com/Meridian-Turbine_Engine_Management.wmv)

A training guide on the PT6 engine from PWC:  
<http://www.rwrpilottraining.com/PT6.pdf>

Your PT6 Owners Manual:  
[http://www.rwrpilottraining.com/PWC\\_PT6\\_Owner\\_Info.pdf](http://www.rwrpilottraining.com/PWC_PT6_Owner_Info.pdf)

The Piper Meridian is an excellent first turbine for any owner, however it does require a "different from piston" understanding. Proper procedure with these aircraft will save you money and improve your comfort level.

Please feel free to call or email me about this, or any topic you wish.

As they say in St. Hubert:

"Fly sécurité - Souvent train"

Fly Safely - Train Often

Regards,

Dick Rochfort

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Topic Link: [http://mmopa.com/index.php?option=com\\_smf&Itemid=26&topic=9319](http://mmopa.com/index.php?option=com_smf&Itemid=26&topic=9319)

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