

Richard W Rochfort

From: noreply@mmopa.net
Sent: Wednesday, December 03, 2008 6:25 PM
To: rochfort@verizon.net
Subject: MMOPA Forums - General - Re: best gpu recommendation for 06 mirage

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Posted By: rrochfort (Dick Rochfort)

Hi Philip,

I use a GPU (ground power unit) frequently to conduct CPT (cockpit procedures training) with my customers and I use Jon Sisks (Enhanced Flight Group) 60 AMP power supply for this purpose. It is completely different from the larger GPUs designed to turn starter motors (piston or turbine. It is designed to produce clean, consistent power at 28 volts up to 60 Amps. This is plenty to run avionics on any PA46 and even the aux heater on Mirage aircraft. The EFG box is designed exactly for the avionics on newer aircraft. It can be used to swing the gear and other maintenance type uses. It could even assist a marginal battery for a piston aircraft start, but no power supply of less than 1000 Amps should be considered for a turbine start.

Always energize the battery bus before introducing external power to provide inductance (cushioning) on the bus.

Turbine pilots - Remember to monitor your bus voltage as well as ITT during the start process, particularly if you are using an external power source. Use an approved external power source whenever it is available. You will get cooler starts and better starter and battery life.

Please call with questions or comments.

Fly Safely - Train Often

Regards,

Dick Rochfort

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Fax 410-435-7311

Richard W Rochfort, ATP, MCFI, CFII, MEI

6031 Bellona Avenue

Baltimore, Maryland 21212-2923

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