



COLUMBIA HELICOPTERS, INC.

November 20, 2009

Velicon limited
4044 North 31st
Milwaukee, WI
53214

Ref: VLEM high performance AC Motor.

Cecil Edirisinghe

I am writing this letter on behalf of Velicon. In 2003 Columbia Helicopters, Inc. started our process of acquiring a new drive system for running Hydraulic Pumps and Motors. We had looked at quite a few different drive systems. Our final selection was Eurothem Drives. They had selected a Velicon motor due to a wide range of requirements. This motor needed to be a dynamometer application with regeneration requirements.

A few of our requirements:

- 1) Emergency Pump- top speed 12,500rpm.
- 2) Motor-6000rpm 675in/lbs of torque.
- 3) Motor running @ 9100rpm, must be able to slow down to 1rpm.

We had to meet ten different sets of specifications for pumps and motors. Those are just a few, but Velicon exceeded all requirements with speed exceeding 14,000rpm and all torque requirements are doubled plus.

Since the start-up of our system in November 2004, we have had no maintenance issues with the Velicon motor. Changing the fluid has been the only maintenance with the chiller. Though our operational requirements don't have us operating the motor continually, I feel confident this unit would be able perform quite well during long durations.

Our motor has also been used to drive aircraft generators to simulate actual aircraft electrical system output.

Our 150hp Velicon motor is small, quiet and runs cool with the chiller, even during our most demanding loads.

I have been very impressed with the Velicon motor performance and quite often show it to visitors. I would highly recommend a Velicon motor to anyone requiring this type of high performance motor.

Regards,

A handwritten signature in black ink that reads "Paul Myrand". The signature is written in a cursive style with a large, looping initial "P" and a long, sweeping tail.

Paul Myrand
Hydraulic Shop Supervisor
Columbia Helicopters, Inc.