



Kitchener-Waterloo Chapter

Meeting Minutes

Location: KW Cadet Building
Date: May 16, 2024
Call to Order: 19:40 hrs.
Meeting Chair: Dan Oldridge
Attendees: 10 Members

Visitors: 1

Secretary's report: Minutes of April 18, 2024 were read.

Motion made to accept the minutes – motion passed

Treasurer's report: The bank balance on March 28 was \$6352.75

Cheques to RAA National for Membership dues for 18 members and donation to Air Cadets to be cashed.

\$80 for burgers for the fly-ins to be expensed

Motion made to accept the report as presented – motion passed

President's report: This is the last meeting until September.

Dan thanked the members who have assisted with the Community Youth Aerospace Program.

Project reports: Lee Coulman has installed and tested heel brakes on his Searey.

David and Cam Wood are working on rad and muffler mounts and are about to start installing the instruments in their Excalibur.

Mac McCulloch is working on the rib stitching on the wings of his Kitfox.

Dan Oldridge has installed the floats on Aerial 2. He has removed the fabric and front spar on the damaged wing of Aerial 1.

Old business: York Soaring Club has organized a fly on June 22. They are looking for volunteers. If you want to fly in, please pre-arrange this with the club. This is not an RAA event.



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Motions made regarding old business and results:

None.

New business: Fly ins have been scheduled as follows:

June 1, Tom Shupe's
July 6, Largo Woods
August 3, Holyoake Airfield
TBD, Damascus Field

Motions made regarding new business and results:

It was moved to authorize Mike Thorpe to deposit up to \$4000 in a GIC. The actual amount and term of the GIC are at Mike's discretion. The motion was passed.

Motions carried forward: None

Other comments & discussion:

Non-RAA Fly-ins are scheduled at Woodstock on May 25, Guelph on Father's Day and Stratford on June 2.

Time & place of next meeting: September, 2024 at KW Cadet Building
Guest presenter and topic: TBA.

Business Meeting adjourned at: 20:09

Guest presentation: Ivan Chan showed us his electric paramotor that he built.

Ivan's paramotor is built with off-the-shelf drone parts and hardware from Home Depot. Ivan designed the paramotor using a CAD program, then built it from scratch. It uses standard RC airplane battery packs in series and parallel to achieve the desired voltage and amperage to operate the motor. The 3-phase DC drone motor runs on 100 to 110 volts and it has a two-blade prop that Ivan sourced from drone parts. He wants to experiment with the prop to see if he can get a little more speed from the paramotor, but is quite pleased that it has performed well. Ivan showed the group a couple of videos of him launching and flying the paramotor using a standard beginner/intermediate parachute.

* **Attendees:** Dan Oldridge, Mike Thorpe, Gord Ried, Geoff Gartshore, David Wood, Lee Coulman, Mac Mc Culloch, Ed Nagle, Rob Bell, John Hutchinson

Visitors: Ivan Chan.



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