

EAA Chapter 1410

High River, Alberta



April
2025
Newsletter

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President's Message

By Jay Burrows

Opening comment was going to be welcome to spring flying EAA 1410, but looking out my window it is anything but right now.

Dennis and I are swapping duties here, he is off to Euroland and I'm just back from Oz so content will be limited for my part in the newsletter this month. I have a few pictures and items of aviation interest from the trip, they don't warrant a presentation, but if anyone is interested, I could pull up some pics and make up some stories.

Our presenter this month is Garry Kingma, he will be presenting on his experience of building a Dyke Delta. Garry is coming out from Ontario to help Jack Dueck carve a propeller for another project and has offered to give us the run down on his experience in this very interesting airframe.

Having missed the last meeting I'm shooting a bit in the dark here, but a couple items of business come to mind, that being early discussions on Young eagles, input on the Tim Edward donation materials (wood, metal, CNC table) etc. Hopefully Donovan can download a couple new safety scenarios before we turn the stage over to Garry.

President's Message (cont.)

As always, we are open to suggestions for future presentations and meeting ideas and potential fly-ins once the weather turns a corner.

That's about it from the peanut gallery, Now Kelvin gets to do his thing and make everything interesting..

Jay

Drones Take Window Washing to New Heights

During a recent visit to Vancouver I witnessed a unique use of drones. The window washing industry is soaring to new heights—literally—with the introduction of drone technology. In Canada, companies like SkyDweller Technologies are revolutionizing how high-rise buildings and facades are cleaned, offering safer, faster, and more cost-effective solutions compared to traditional methods.

How Do Window-Washing Drones Work?

These drones are equipped with precision spraying systems, cameras, and eco-friendly cleaning solutions. Operators control them remotely from the ground, eliminating the need for scaffolding, ladders, or harnesses. For tougher grime like mildew or bird droppings, drones can use hot water or biodegradable chemicals.

A recent example is Victoria General Hospital in British Columbia, which had its exterior cleaned for the first time in decades. The drones remove black mildew buildup safely and efficiently, saving the hospital an estimated \$650,000 compared to conventional methods.

Why Drones Are Game-Changers

- **Safety First:** Traditional window washing for high-rise buildings is risky. WorkSafeBC reported over 300 injury claims in this sector between 2014 and 2023. Drones eliminate these hazards by keeping workers on the ground.
- **Cost Savings:** Without the need for scaffolding or lifts, businesses can reduce cleaning costs significantly. For example, drone cleaning services cost a fraction of traditional methods.
- **Efficiency:** Drones clean faster and more consistently than manual labor, covering large areas with precision navigation systems.
- **Eco-Friendly Solutions:** Many drone operators use water-conserving technologies and biodegradable cleaning agents, aligning with growing environmental concerns.

-Beyond Windows: Future Applications

Drone technology isn't stopping at windows. Companies are expanding into solar panel cleaning, facade maintenance, and even thermal scanning to detect energy inefficiencies. These advancements make drones indispensable tools for modern building upkeep.

For EAA members interested in aviation innovation, window-washing drones highlight how UAVs are reshaping industries while maintaining safety and sustainability. Whether you're fascinated by their engineering or inspired by their practical applications, these drones showcase the endless possibilities of aviation technology. Anyone interested in starting a new business; this might be a great idea.



April Fly-ins & Events

Here are a few of the regular monthly Fly-ins as gathered and researched by Dennis Fox.

CEN3 Three Hills AB Coffee from 9 till noon first Saturday each month.

CYXH Medicine Hat AB Fly-in Breakfast 8:00 to 12:00 second Saturday each month

CEK6 Flagstaff - Killam\ Sedgewick AB Coffee and Treats by Shelly third Saturday each month.

CEG4 Drumheller AB Coffee third Saturday each month.

CFX6 Vulcan AB Coffee fourth Saturday each month

CEX3 Wetaskiwin AB Coffee 9:00 to 12:00 fourth Saturday each month.

Newsletter Input Wanted

Do you have a project, a recent trip, a building tip, some airport news, perhaps even a rant that you would like to share, please let me know at downskelvin@gmail.com. It doesn't have to be long or perfectly edited, even a photo with a caption will do.

Chapter 1410 Dues

Just a reminder that Chapter 1410 fees of \$40 are due in January. Please make payments via e-transfer, cheque or cash to Vance Lucas. E-transfers are preferred emailed to vlucas@live.ca.

Schedule of Upcoming Events

April 3	Dyke Delta Build Project - Garry Kingma High River Air Cadet Hangar Time 18:30
May 1	TBD High River Air Cadet Hangar Time 18:30D
June 5	TBD High River Air Cadet Hangar Time 18:30
Jun 21	Young Eagles - tentative date

Smile!

Yellow sticky reminder on your Instrument Panel.....Don't forget to flare!

An Englishman, a Scotsman, an Irishman, a Welshman, a Latvian, a Turk, a German, an Indian, several Americans (including a southerner, a New Englander, and a Californian) an Argentinean, a Dane, an Australian, a Slovakian, an Egyptian, a Japanese, a Moroccan, a Frenchman, a New Zealander, a Spaniard, a Russian, a Guatemalan, a Colombian, a Pakistani, a Malaysian, a Croatian, a Uzbek, a Cypriot, a Pole, a Lithuanian, a Chinese, a Sri Lankan, a Lebanese, a Cayman Islander, a Ugandan, a Vietnamese, a Korean, a Uruguayan, a Czech, an Icelander, a Mexican, a Finn, a Honduran, a Panamanian, an Andorran, an Israeli, a Venezuelan, a Fijian, a Peruvian, an Estonian, a Brazilian, a Portuguese, a Liechtensteiner, a Mongolian, a Hungarian, a Canadian, a Moldovan, a Haitian, a Norfolk Islander, a Macedonian, a Bolivian, a Cook Islander, a Tajikistani, a Samoan, an Armenian, an Aruban, an Albanian, a Greenlander, a Micronesian, a Virgin Islander, a Georgian, a Bahaman, a Belarusian, a Cuban, a Tongan, a Cambodian, a Qatari, an Azerbaijani, a Romanian, a Chilean, a Kyrgyzstani, a Jamaican, a Filipino, a Ukrainian, a Dutchman, a Ecuadorian, a Costa Rican, a Swede, a Bulgarian, a Serb, a Swiss, a Greek, a Belgian, a Singaporean, an Italian, a Norwegian and 47 Africans walk up to a nightclub.

The doorman scrutinizes the group one by one and stops their entrance saying,

"Sorry, you can't come in here without a Thai. "

Chapter Classified Ads

Contact Kelvin Downs if you wish to have an Advertisement in the Newsletter

For Sale, SAL 2/3 P-51 Mustang Plans and Project.

Complete set of plans for a 2 seat SAL 2/3 P-51 Mustang, with original purchase documentation. Slight moisture damage on some drawings, but still very usable. Construction has started with the tail section. Horizontal stabilizer and elevator built, ready to close. Vertical fin spars and rudder built. GL-1 birch plywood, sitka spruce and hardware to complete the tail components. Fuselage sides built and ready to skin, and bulkheads are built.

Extra material includes: (2) 6" x 10' sitka spruce boards, approximately 50 electrical switches, 50 circuit breakers, 100 pulleys, EGT gauge, David Clark intercom, weatherstripping, and numerous other pieces and hardware. Asking \$1,000.0, price and delivery is negotiable. For more information and pictures, please contact.

Ken Harasymchuk
780-660-0362
kharasymchuk@gmail.com

Who we are!

We are an enthusiastic group of like minded individuals from various backgrounds who share a passion for recreational aviation in Southern Alberta and we offer a chance to meet others who combine fun with learning.

Join us for our monthly meetings held the first Thursday of the month at the Cadet Hangar located at the High River Airport

For more information visit our Website

[Chapter 1410 High River, Alberta](#)

How to Join Our Chapter

Attend our next meeting. Meetings are held on the first Thursday of the month at the Air Cadet Hangar at the High River Airport. Ask anyone and they will be pleased to help. All the required forms will be made available for you to fill out. You must be a current member of EAA International, you may complete your registration prior to the meeting or someone will assist at the meeting. For registration forms, contact the Treasurer from the Executive list below.



Members Action List

Newsletter Input

We are always looking for input and content for the Newsletter including any project updates, classifieds etc. It doesn't have to be a long detailed article, a photo and description is often enough. For any ideas or suggestions for Newsletter content please contact: Kelvin Downs downskelvin@gmail.com

Meeting Presenters\Ideas

If anyone is interested in presenting or has a great idea for a meeting topic please contact Donavon or Jay.

Website Input

For any changes or updates to members profiles or website content please contact: Carl Forman webmaster@eaahighriver.org

Chapter Dues Reminder

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EAA 1410 2022 Executive

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President	Jay Burrows	president@highriver.org
Vice President	Dennis Fox	vicepresident@highriver.org
Treasurer	Vance Lucas	treasurer@highriver.org
Secretary	Soren Christiansen	secretary@highriver.org