Richta GPS Scoring for Alcan

To be scored you must install the free "**Competitor**-Richta GPS Checkpoints" app on your smartphone or tablet via Google Play or iOS App Store.

Once installed follow these instructions:
1) Open **Competitor** App
2) Review and accept Privacy Policy, and confirm App has GPS access.
3) On **Select Event** screen scroll down and choose "RASC Alcan 5000". (If you ran a previous Richta event you must "Unregister" first)
4) Enter **event** password "Rainier", click "Check Password" (Android) or "Continue" (iOS), then enter your assigned Car # and hit 'Save' (**car** password is optional but recommended, staff can reset it if needed).
5) Enter your **email**, then Driver & Navigator **names** separated by a slash (/)
6) Enter your *Class*: **UNL** = Unlimited; **SOP** = Seat of Pants; **HIS** = Historic
7) Press "Save", "Add" (Android); or "Done", "Continue", "Add" (iOS)
* If this worked an event screen will pop up with this event name and your car number, you'll also see GPS time & accuracy.
* If event screen popped up at **step 4**, ask staff to check "Cars" in Richta's **Rallymaster** app and add your class, phone, email and names if missing. Rallymaster also shows your car number, status & device location: if car doesn't show "Ready" ask why.

FAQ:

What if my phone or tablet fails? *For insurance, register a second device using your assigned car# plus 100 (#10 should use 110). IF primary device fails we can use backup for missing controls (a wireless tablet with GPS is OK as long as scores get uploaded).*

Does control "beep" & score seem late? *Think of each control as a GPS "bubble". Since diameter varies with terrain & other conditions, the Richta app averages entry & exit time to score **midpoint** so score appears as you **exit** bubble.*

Why do scores show in my app but not Scoreboard? *Competitor app **records** all scores on your phone or tablet, but can't **upload** till you have a WiFi or data connection. Click 3 dots in top right of screen & choose "Comms Check" to see.*

What if something makes us late? *If 10 minutes or less use a **Time Allowance:***

To encourage safe driving in the face of unforeseen circumstances you may submit a Time Allowance by pressing "**TA+**" in Richta. The first press creates a 10-second TA, the second press 20-seconds, and third press 30-seconds. Each additional press adds 1 minute to your TA up to a maximum of 9 minutes 30 seconds.
To ensure you are not "on the same minute" as a fellow competitor a TA must be one of the twelve choices: 0:10, 0:20, 0:30, 1:30, 2:30, 3:30, 4:30, 5:30, 6:30, 7:30, 8:30, or 9:30.

A Time Allowance applies **only** to the TSD it was created in: For example, a TA submitted for lateness in TSD #2 only applies to checkpoints from the point it was created to the end of TSD #2, and will be automatically **reset** at start of TSD #3. If lost time was not made up before TSD #3 and you start late, you must submit a **new TA Request** for that section.

Lost or confused? *We try to monitor map remotely, but you can click "Show Help Line Phone #" (3 dots in top right of Competitor screen) and call if you have service.*

Notes & suggestions:

* On rally day turn off other apps & notifications on your device running Competitor. You should not run other apps during TSD's, so use another device if possible.

* Make sure Location Service (GPS) is **on**, then open Competitor app and confirm it works: "Rally Clock" should be running, and GPS coordinates change as you drive around.

* If the app keeps shutting itself off go to App Permissions in device settings, and make sure the Competitor app has Location & Storage permissions turned on.

* Phones do NOT need cell service throughout for Richta to work, just GPS.

* Keep devices running the app "daylight visible", GPS is poor with phone on floor or under dash. A dash mount or "sticky pad" is good, high end options include Bad Elf 2200 and Dual XGPS 160 receivers that can connect up to 5 devices via Bluetooth.

* If app stops and you have no backup pull safely off the road, reboot app and continue. Take a time allowance if necessary. The app will resume where it left off but if you pass a checkpoint while it's **not** running you will not be timed but scored as a max.

* Try to make sure the app stays visible on your device during TSDs. When displaying something else it may not record checkpoints.

* GPS uses more power, so keep device connected to preserve battery.

* Once the app is set up you only need to interact with it to enter a time allowance.

* You can view *unofficial* scores during the rally in the "**Scoreboard**" Richta GPS app.

Related links:

Event page: https://www.alcan5000.com

Richta Apps: https://richtarally.com/apps.html

Richta advice from other clubs:
http://drscca.org/rally/using-the-richta-competitor-app/

http://www.cascadegeargrinders.org/Files/Competitor_Richta_App_Instructions.pdf