

Investment Summary

CoaxROTOR is a DeepTech startup commercializing the CR-250, a heavy-lift uncrewed aerial system (UAS) derived from a two-decade heritage in manned coaxial helicopter design. With a 100 kg (220 lbs) payload capacity and up to 6-hour endurance, powered by internal combustion engine (ICE), the CR-250 is U.S.-compliant successor to the restricted foreign drone fleet currently dominating North American agriculture.

The Market Catalyst: The "Post-DJI" Opportunity

I believe the ban on the use of foreign drones and the Deepchecks.vc offer us a unique opportunity to implement our agricultural drone project.

A little project history

After working with light coaxial helicopters and observing the development of unmanned air taxis, it became clear that the transition to unmanned drones is a step into the future. We are well aware of the requirements for aircraft designed for passenger transport and the difficulties and material costs that could await us on the path to creating our own unmanned aerial taxi. But we were also well aware of the demands of the agricultural sector, which wanted to move from DJ Agros to larger, more productive drones better suited to the specific needs of large-field farming. This is also one of the reasons we chose internal combustion engines; another is that the drone batteries are charged by the same internal combustion engine in the field.

In my opinion, agriculture is an excellent first step for our drone. The economics are clear. There's no need for significant infrastructure development, such as urban landing pads. The risks to humans are reduced.

The ideal CoaxROTOR, according to its founder.

One of our commercialization areas is drones as a service. We offer the client a complete service, from request to fulfillment. In my opinion, this is the best option for business development. This approach allows us to more quickly adapt to client needs, reduces the number of negative reviews, and improves the user experience for clients.

I think Apple, with its ecosystem, is a good example here.

And John Deere is a half-good example.

About the team.

Our entire team grew out of a single project, the Rotorfly R-30, created by Boris Yakovlevich Podnebesnov. We have experience working not only in Russian jurisdictions, but also in Germany and China, and it would be interesting to work in the US. Our experience in creating light helicopters allows us to design and build hardware and electronics from scratch to the finished product.

Why the US?

Available investment focused on the civilian sector. Clear legislation and a truly accessible aviation certification program. A huge aviation market and developed agricultural sector. Easy access to the Latin American, Australian, and New Zealand markets.

Geopolitical Derisking

Onshoring Strategy: Stage 1 funding is dedicated to founding a U.S. or friendly country entity and relocating the core engineering team from Russia to mitigate sanctions risk.

The Ask

CoaxROTOR is seeking \$12M total investment over three years.

Stage 1 (\$6M): Founding the U.S. entity, core team relocation, and completing FAA Section 44807 exemption and Part 137 demonstrations .

Expected Milestones: Q1 2027 FAA authority to operate; Q3/4 2027 maiden flight of U.S.-localized MVP;

Stage 2 (\$6M): Flight trials; Certification program; Start of pilot production program.

Expected Milestones: 2028 "Drones-as-a-Service" (DaaS) pilot programs.