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Finwing Sabre - Flight to the abandoned radio telescope

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Finwing Sabre - Flight to the abandoned radio telescope - 589 views  7  0

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homeruniverse 4 months ago



I have another question: what camera are you using here exactly? I calculated a speed of about 20000km/h of the object. Even if it has a fairly decent distance to the drone, the cam must be a good one (in particular regarding the shutter speed) to make such images or my estimations are wrong. A good GoPro for instance could achieve what I concluded.

smoothvirus 4 months ago



GoPro Hero 3 Black I think

homeruniverse 4 months ago



OK, thanks, sounds about right.

homeruniverse 6 months ago



I'm interested in the part Sukowaty pointed to (4:28). This is a compilation of 30+ more or less clear cases of footage of these white flying objects: <http://bit.ly/2G2PODP> . I am a Ph.D. student and I am planning to compile a research proposal for further investigation (in particular using better cams). This seems to be the exact location: <http://bit.ly/2GEaAl3> . But when exactly was this filmed (I want to add the precise weather conditions)? We could also communicate via email; I have an address in my YT profile.

smoothvirus 6 months ago



hmmm I think it was early December of 2015... I'll check the archives... it's dated DEC 12 2015 which makes sense because that was a Saturday. Looks like my DVR battery died so I don't have a recording of the FPV feed with telemetry. I do remember that the winds were out of the west and it was a bit of a struggle getting the plane back across the river.

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watching the video **homeruniverse** 6 months ago





Thanks for the reply. Any idea what time in the day it might have been? I could infer that from the sun's position but that would be a bit cumbersome to do. I want to show it to meteorologists and add proper satellite data of the weather to it. -- I wonder ... is it short sleeve weather on a Dec 12 in Maryland? -- Some believe these things are hailstone, but imo they are way to fast and should not occur that isolated then.

smoothvirus 6 months ago



Looks like about 2-3 in the afternoon. That's a pretty typical time for me, plus you can see the shadows from the telephone poles on the road right after I launch.

smoothvirus 6 months ago



I also remember that day being unusually warm. Absolutely no way it was a hailstone. No storms anywhere.

homeruniverse 6 months ago



Thanks. Given from the length of the shadows it must be very early afternoon on a Dec 12th in MD!?
<https://planetcalc.com/1875/> So, 2-3 pm, as you said, is close enough. I'll let you know if something comes out of the analysis.

homeruniverse 5 months ago



Further information
Weather at closest publicly available station (Quantico Air), 3pm EST: 20\u00b0C, 1020hPa, 70%humid, 5.6km/h wind SSW. Assuming the object roughly flies parallel to the ground. First appearance at 38\u00b022'40.3N 77\u00b014'09.1W in frame 8055 of this video, last appearance 38\u00b023'36.5N 77\u00b015'04.7W in frame 8064, travelled distance: 2.21km. Assuming the footage is not altered (speed up etc.) the object's travel speed is around 26493 km/h. That's fast :O

homeruniverse 5 months ago



smoothvirus, would it be possible to get the video file directly? There seem to be some artifacts or something in frames 8054 to 8059 where the object comes in and I would like to check how they look originally (YT uses compression algorithms).

smoothvirus 5 months ago



I still have the original archived here so yeah that should be possible

homeruniverse 5 months ago



Cool, thanks :D
I use gmail (see my Youtube profile) that does only allow files up to 20MB. We could also use a chat client with direct file transfer (e.g. skype, IRC), or torrent - whatever you prefer. I have no 24hour active FTP server at the moment, sorry :-/

homeruniverse 4 months ago



Could we do that somehow?

Andy Burnham 1 year ago



what remote are you using and does it transpond video?

smoothvirus 1 year ago



Andy Burnham I'm using EzUHF for control and I have a 1.2ghz video link to a set of Fat Shark goggles.

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Sukowaty Photography 2 years ago



I see the super fast white streak on the left side @4:28. I have a similar situation here: <https://www.youtube.com/watch?v=6V01b8Cf1OU> Search

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Nick Calderon 2 years ago



Great flight what distance round trip?

smoothvirus 2 years ago



+Nick Calderon Probably about 10-12 miles round trip

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