

Not BUK-M1: new video proof

Few hours after flight Malaysian MH17 crashed into the fields in Grabovo this photo appeared in the blogosphere claimed to be the contrail of the Buk-M1 missile that shot it down:



People not convinced about the authenticity of the photo where dismissed as 'Russian trolls'. Dutch journalist of the year Olaf Koens interviewed the man who made the photo and RTL Nieuws showed a [new photo](#) (copy). That was December 22, five month's after the first photo.

Now I will present a video that shows the same event from the opposite side which geolocated looks like this on a map



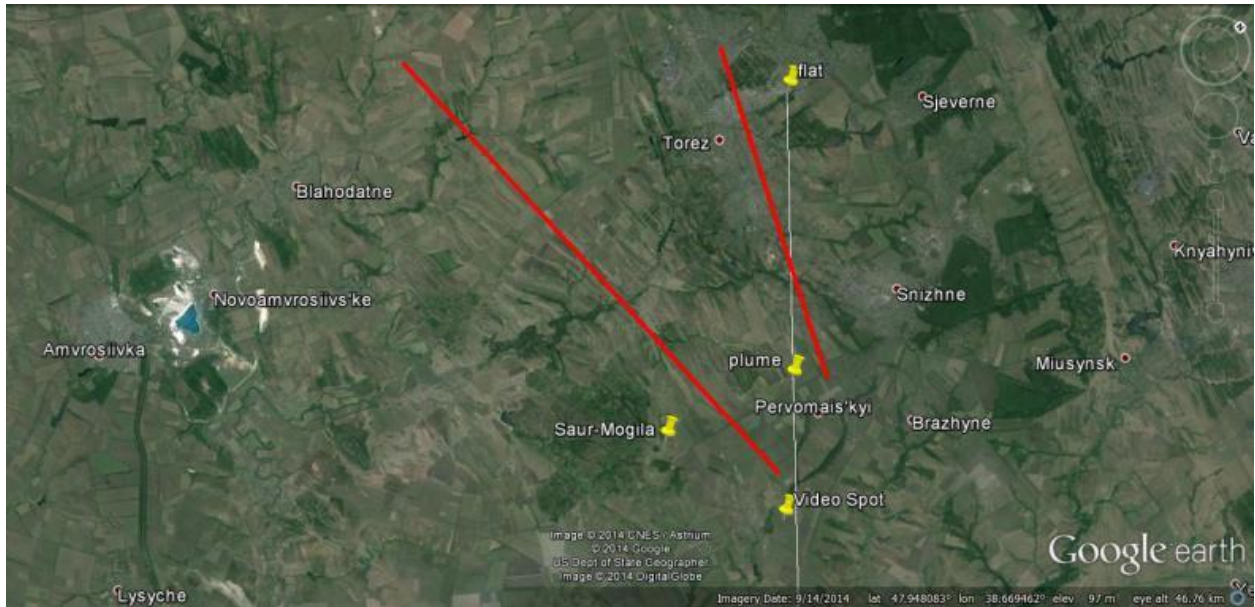
The video is most probably made with a mobile phone after the stunned owner saw a missile launch less than 3000 meters away. To understand what you have to look for here's a still made at 5 seconds of the video.



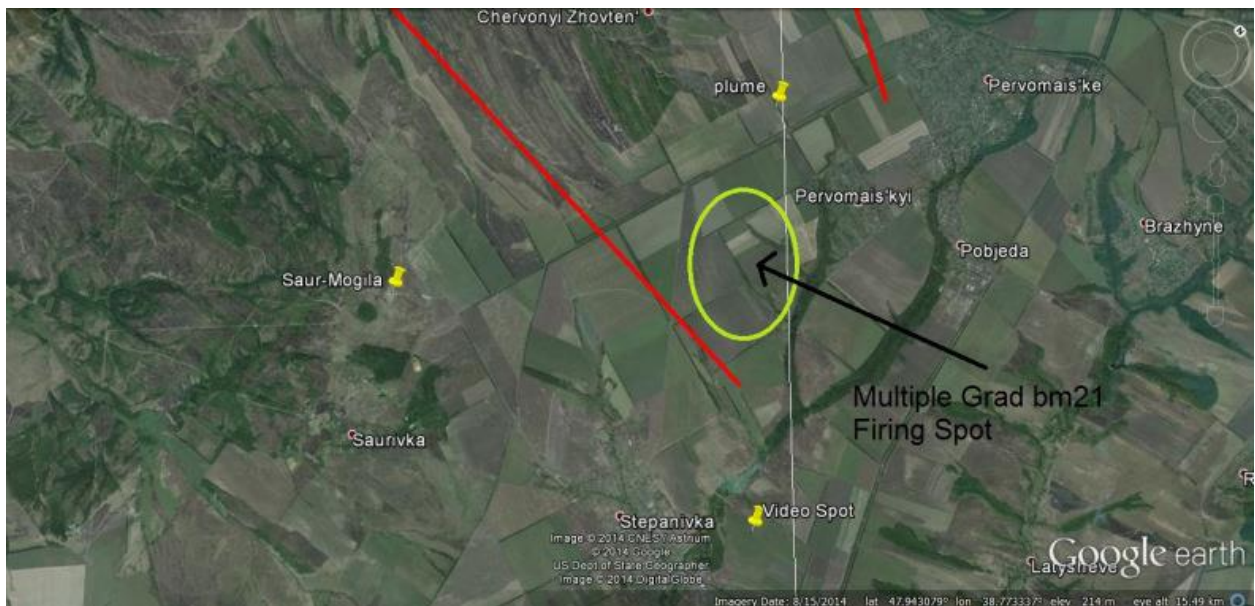
[Here](#) the video

It was a Grad bm21 launch?

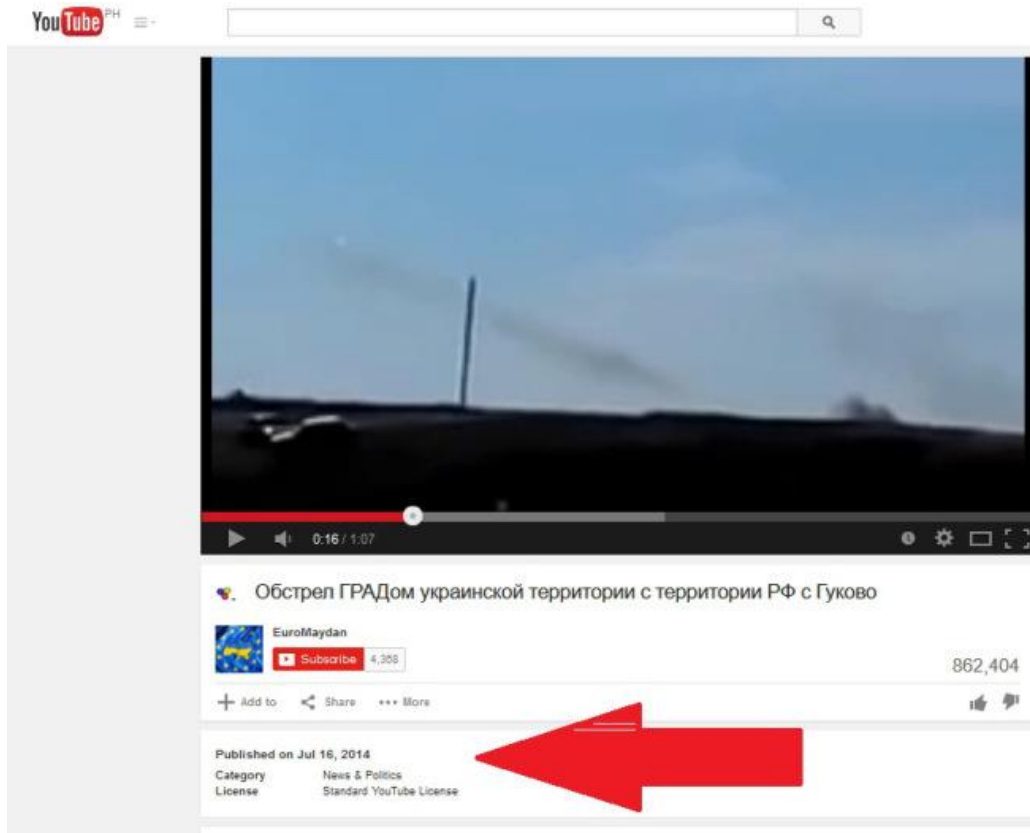
In an information war all claims have to be verified very carefully and as a rule of thumb my strategy is: *everybody is lying until proven not guilty.*



The video is taken at a [small water](#). Between the red lines I think the missiles moved roughly in the direction of Toretz. The launch sites of various Grad bm21 missile complexes is in the green zone of following map and after watching the video several times the "Buk M1" shot was the unit most to the left side.



The original video can be watched at the youtube channel of [Euromaidan](#) [here](#). Since interesting content all the time seems to miraculously disappear on the internet here is a screenshot:



The video was uploaded July 16, one day before MH17 crashed. Euromaidan claims it shows a salvo fired from Russian territory. Do you notice the nice weather and clear sky?

Situational awareness: heavy fighting in the region.

Thank you so much [Saker](#) for this information:

“July 16, 2014 – Situation Report from the Area of the “Southern Cauldron”

In the course of the day the columns of Ukrainian military equipment and infantry continuing their flight across the Russian border from the east to the west – through the village of Kozhevnyya, then on to Novopetrovskoye, Grigorovka and, finally, to Amvrosievka. The Militia’s artillery is conducting periodic strikes against the enemy forces using all available calibre’s. NazGuard’s attempt to conduct yet another assault against Saur-Mogila was answered with a massive artillery shelling, following which the Ukrainian forces continued their retreat.”

Witness needs to be interrogated

It would be very interesting to listen to the explanation of the SBU presented witness how he heard two explosions, went to his balcony, picked up his camera and made only two photos of an event that happened a day earlier than he claims?

He also claims he made a third photo about 5 minutes after the other two.



He had to go from his balcony to the other side of the apartment to make this photo of the MH17 crash fire. Was it really the same day?

Since the witness seems to have had a professional 4928 x 3264 pixel capable camera I cannot explain why he wasn't able to put his tripod in a horizontal position. If you look at his photo you see the horizon tilting downwards to the left side. I marked it with red lines. In reality the landscape is almost horizontal, tilting very slightly downwards to the right. I marked that with green lines.



Maybe the person who interviewed him has answers? I already asked him [five other questions](#). As a simple blogger I specifically want to leave open the possibility that none of my information is relevant and I got it all wrong. I don't mind, as long as the truth, the whole truth and nothing but the truth will prevail.

Maybe at the Ukrainian Secret Service Headquarters in Kiev they have all the plausible explanations.



Final note

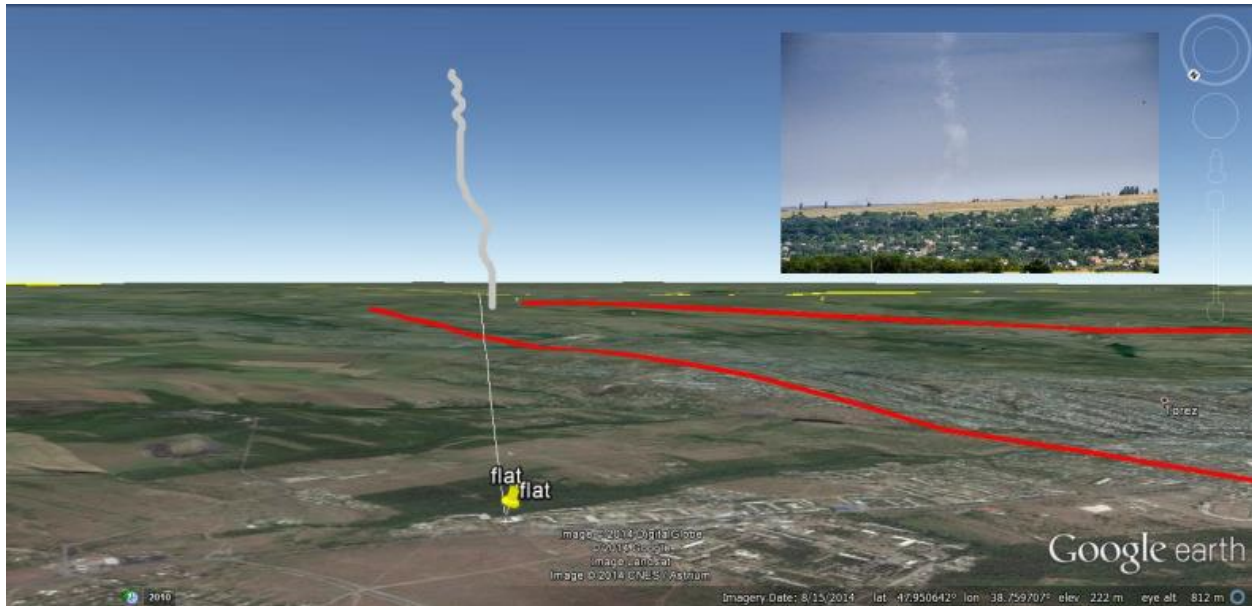
British State Television ordered youtube to delete a video on my channel. I thought it was rather informative and posted it on [Vimeo](#). You can never have too many eyewitness testimonials. They are a powerful tool to check and counter check claims of individuals with a hidden agenda.

It's what my math teacher Mr. Elfrink during math class told me when I was the only one asking for explanation: "One is None."

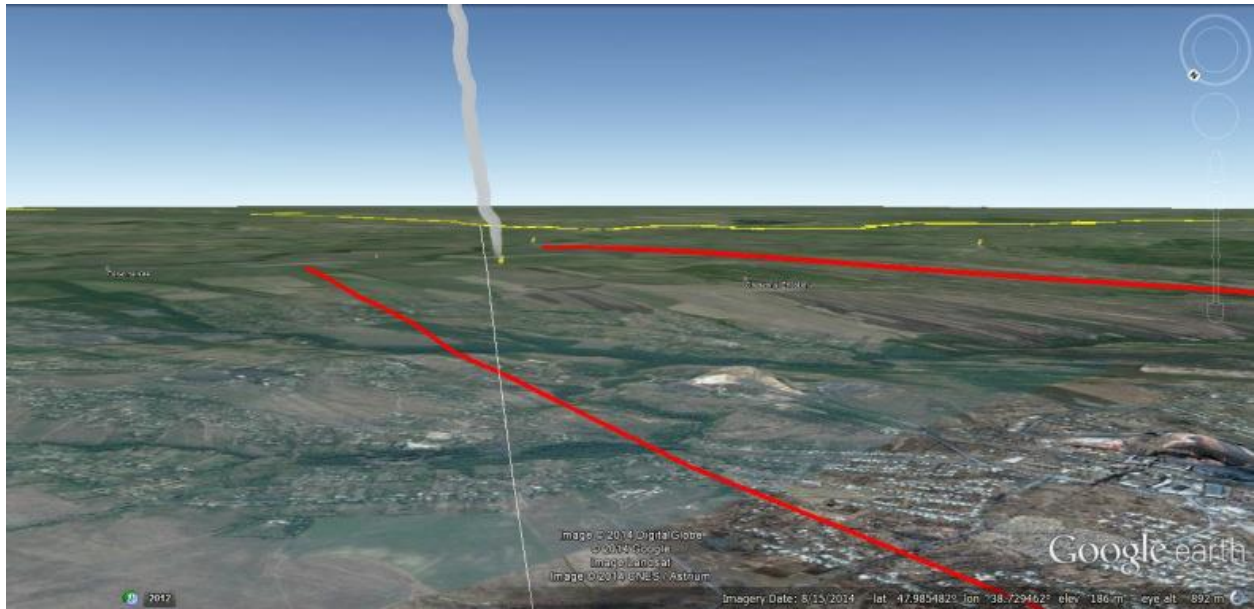
Not BUK-M1 Part II

January 1, 2015

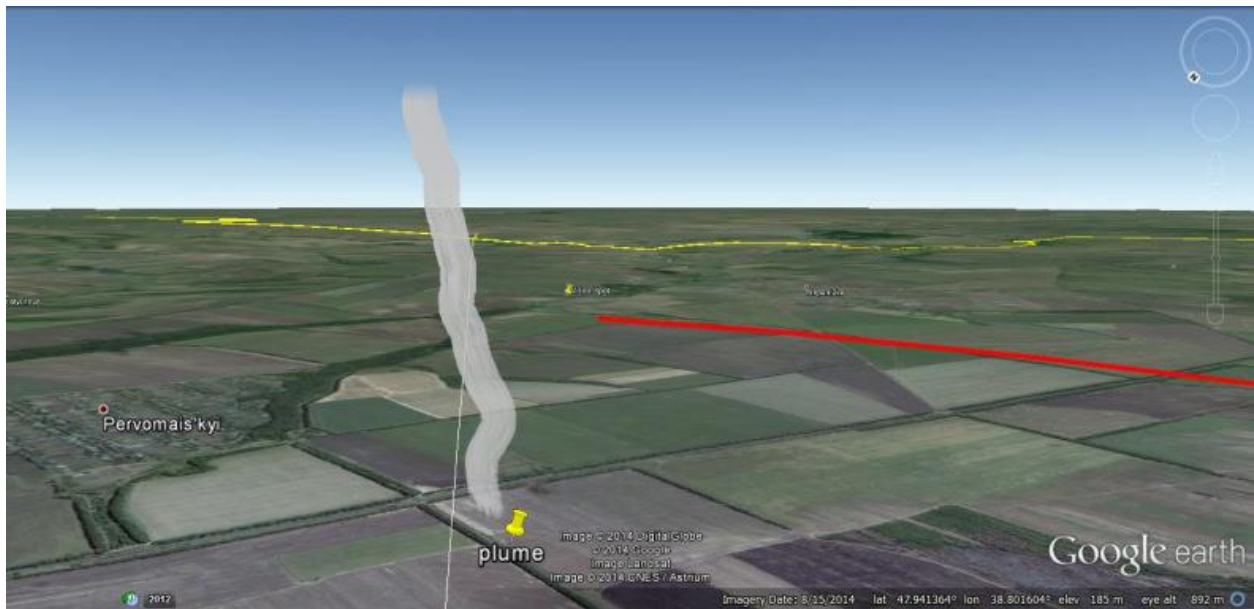
We will visualize what was explained in [Part I](#) but still urge you to read it because it contains much more information about the MH17 case not repeated here.



So far only one eyewitness has come forward in public (anonymously) claiming he saw the plume of the BUK missile that hit MH17 and made a photo of it (upper right corner). We built a 3d model with Google Earth based on available data to get a bird's eye view from any perspective. The yellow pin is the position of the flat of the photographer. White is the line of sight from the flat to the plume. The red lines will be explained later as they become relevant. Looks quite similar to the presented witness photo, not?



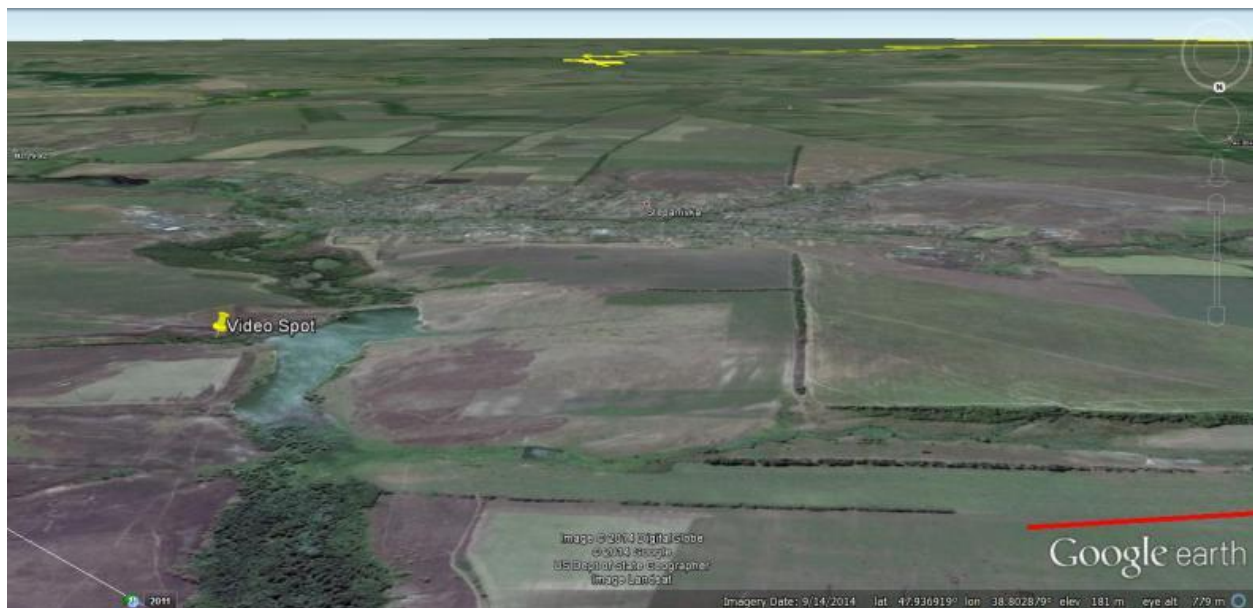
Now we start flying as a bird in the direction of the plume. In the right hand lower corner you can read our altitude and GPS position. The yellow line in the distance is the Russian border.



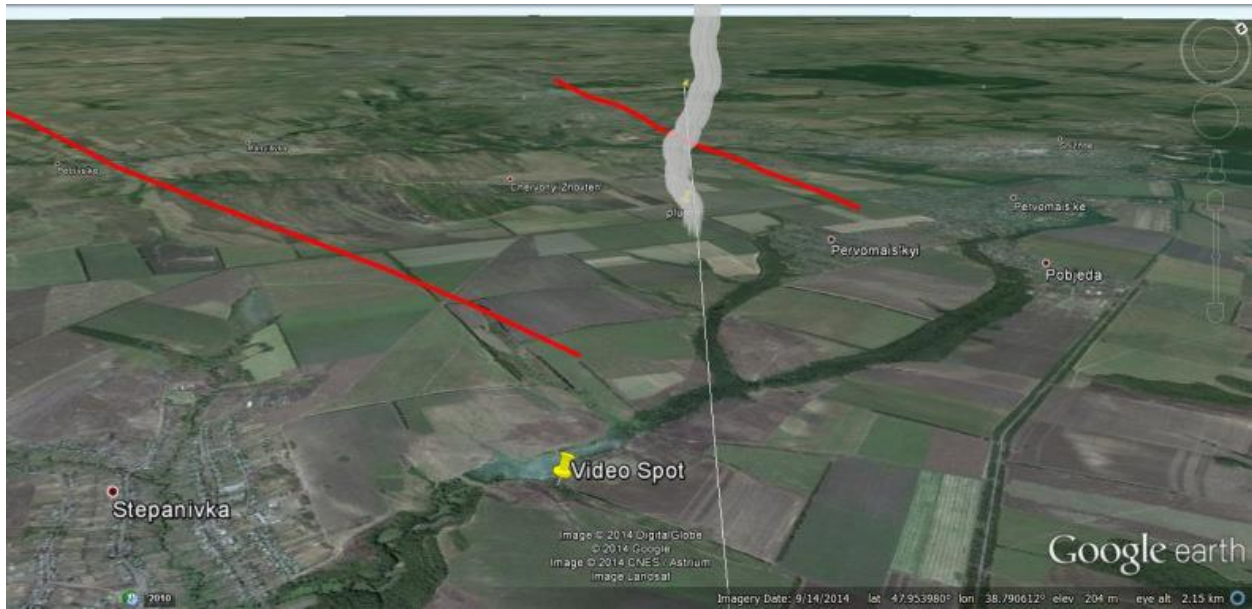
We fly even closer.



We leave the plume behind us and fly further in the direction of the Russian border. There is a [tiny lake](#) which we mark 'video spot'.



We make a turn to the left, gain altitude and keep turning until we can watch the plume along the line of sight again. But now from the opposite direction of the photographers flat which we can see in the distance just left of the plume.



We fly closer to the video spot. Now let's watch the [video at 5 seconds](#)
Here's nine stills from the video:



00:13.90/01:07.24






00:15.87/01:07.24 




00:16.87/01:07.24 



00:20.80/01:07.24 



00:21.80/01:07.24 



00:22.80/01:07.24 




00:24.77/01:07.24 



00:25.77/01:07.24 



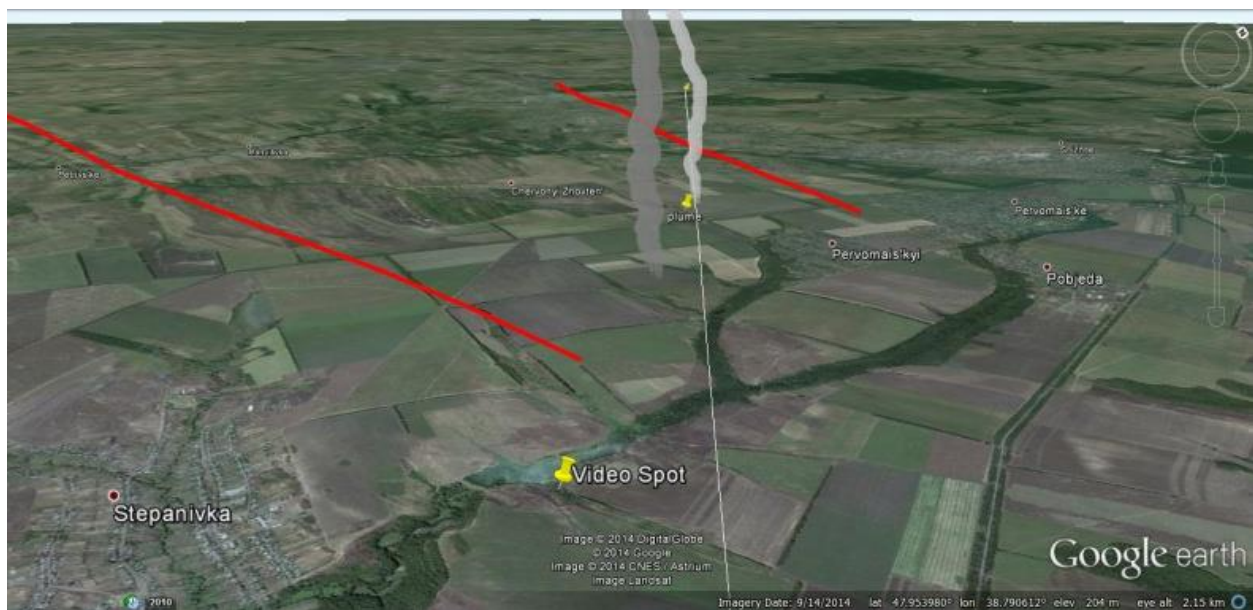
01:02.33/01:07.24 

This video clearly shows a barrage of [Grad BM-21 missiles](#). They come in different size and intensity, based on the number of missiles loaded and the amount of mobile units used.

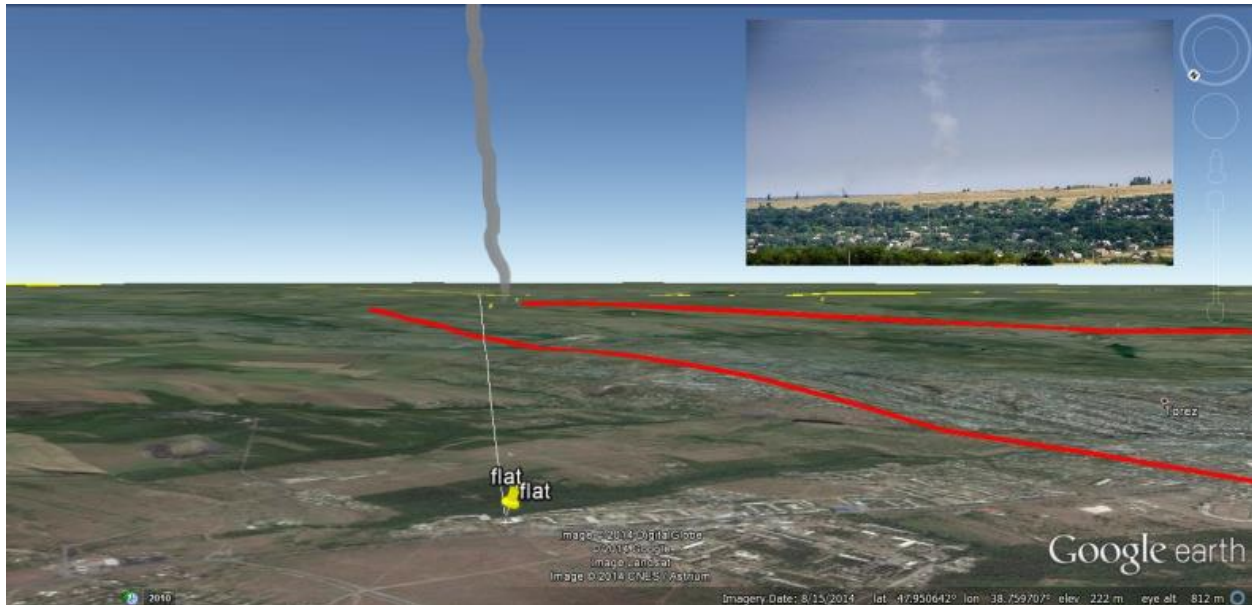
The photo of the witness does not show the launch of a BUK-M1 missile on July 17th but the first shot of a ground-to-ground missile system fired July 16th.

With just this video and a photo taken from more than 12Km it is not possible to establish the position exactly. Probably it is slightly closer to the video spot such as the dark grey plume, thus further from the flat? This seems irrelevant, but it is not as you will read in Part III.

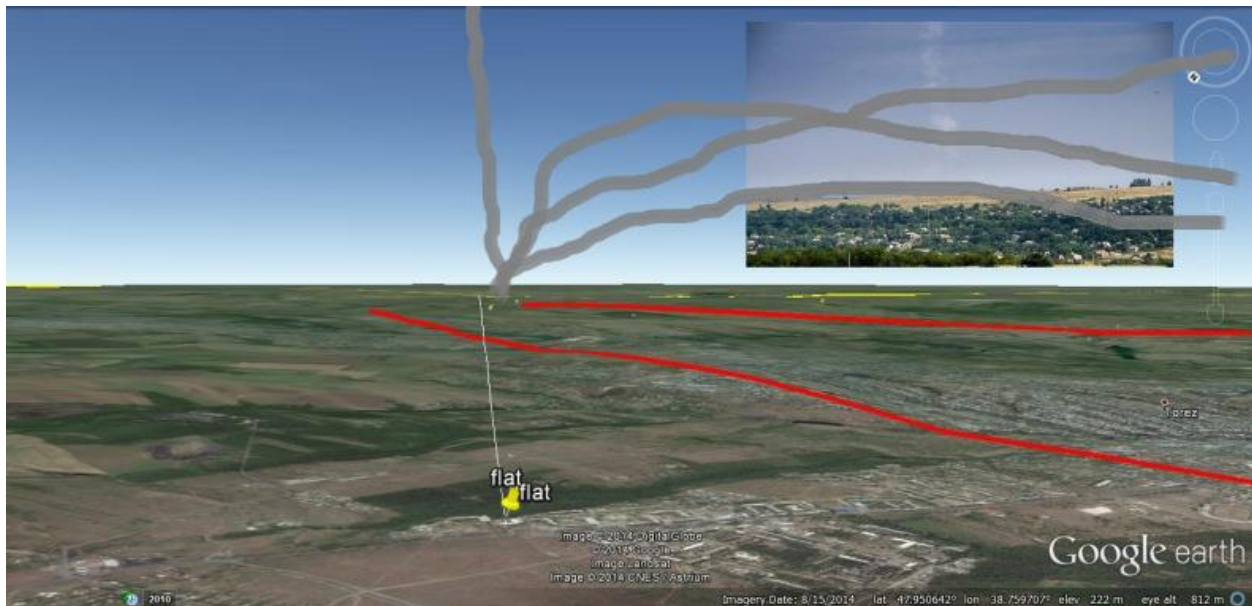
Now the red lines explained. This is the direction in which the missiles are fired.



Watching the plume from the flat, more than 12.3 Km away.



This is how the first five seconds of the video look like from the perspective of the photographer. And then hell breaks loose.



The photo and the video at five seconds are a frozen moment of one and the same event that happened on a sunny day, July 16th 2014. That is one day before MH17 crashed. July 17th was a cloudy day. Important to understand: Grad can never hit a passenger airliner unless the latter is parked on the ground at some airport.

Part II

The witness insists the photo is made July 17th

Let's look more precisely at the picture again. The entire terrain seems to be bathing in light. Exactly the weather circumstances in the area on July 16.



Strategic relevance

The view from the balconies of the higher apartments is strategically significant because it is in viewing range of Saur Mogila, the highest point of Donetsk and [theatre of continuous heavy shelling during the summer](#) of 2014.

Five month's of silence

December 22, five month's after the crash, a second photo is released. Witness claims he made this photo shortly after the first. With the information you have now, it is obvious he is lying through his teeth, but let's just follow his story. Some time after he made the second photo he went to the other side of the apartment and made a photo of the MH17 crash site.



Dutch journalist Olaf Koens and the anonymous witness.

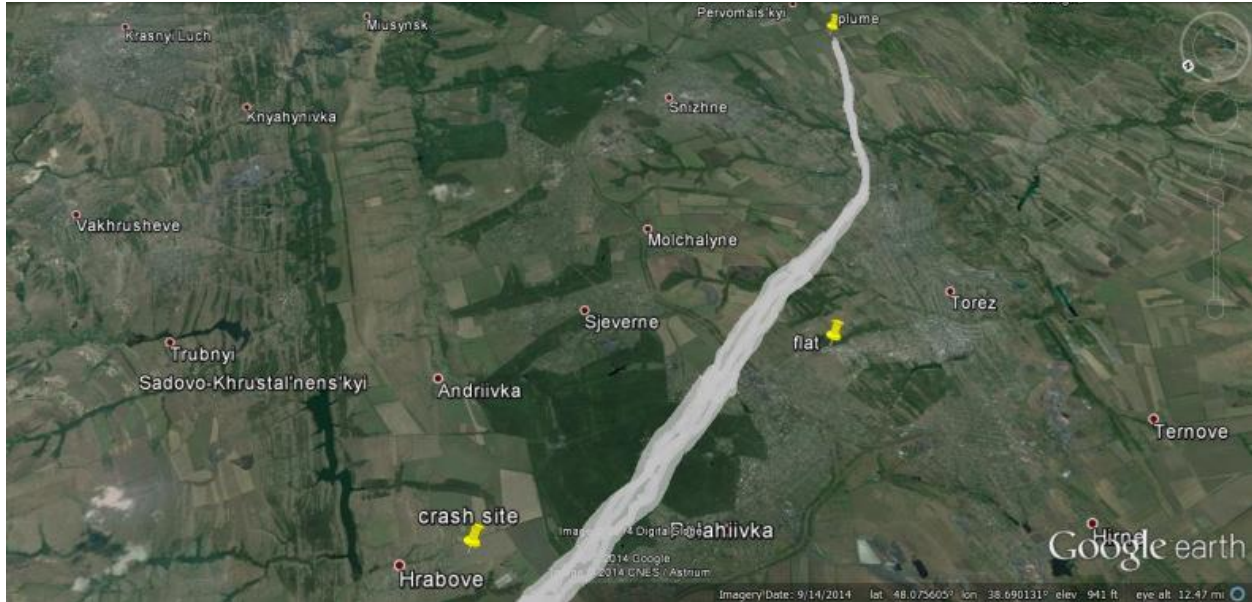


There is a [3.6Mb version](#) of this photo.

Before discussing the second photo we take a quick look at the flat.

We have reasons to believe it is exactly the flat in the red circle.

[Ukraine@war](#) blog thinks it is within the green circle.



A Buk-M1 on its way to MH17 must have flown close to the zenith of the flat.

The trajectory looks like this from an altitude of about 20Km on a day without clouds.

Explosions and shaking windows

Witness claims he heard two explosions at 16:20. The first one was not so loud, but about 15 seconds later a second explosion made all the windows shake. He went to his balcony and wanted to know what caused the explosion. He looked around but saw nothing. He then noticed the plume rising from the horizon into the clouds and photographed it. Few minutes later he takes another photo at the other side of the apartment. This time of the MH17 crash site.



Situational awareness

Large amounts of video footage showing smoke column at crash site. [Here is a video](#) made just a few blocks from the flat. We watched many other clips and not one of them showed openings in the cloud layer. This particular [video](#) was taken overlooking the sky above the crash site and the photographers flat. Just as the witness, many of these video makers must have heard two explosions five minutes before they could film the fire at the crash site in the distance. Yet not one of them filmed a plume although many were on their balconies as the witness has declared?

We checked every frame in the first video and couldn't find any shadows. It is for experts to decide if the striking differences between the video and the first photo can be explained due to the five minutes time difference, color balancing, manipulation of the first photo with Photoshop, or that the only conclusion is: same place, different day as we have already proven.

Let us think about those people again at the lake near Stepanovka who took the video of the Grad barrage a day earlier. They started filming immediately, uploaded to youtube and Euromaidan picked it up and published it the same day! And that location is much much closer to the firing range than the flat where the witness was.

One day after the Grad barrage a BUK supposedly was launched in the vicinity, but nobody in the surrounding villages filmed or photographed the contrail that must have been very distinct, was visible for about ten minutes and went together with incredible noise. It is simply impossible this would be noticed only by one anonymous guy more than 12 kilometers away.



While typing the word 'Stepanovka' I remember watching a video a few days ago which is probably footage filmed with a drone and shows the surreal and heartbreaking situation of the village in December 2014.



Conclusions

- 1) Photo one was taken on July 16, not July 17
- 2) On July 17 no BUK-M1 was fired from the pointed location
- 3) Photo two was not taken on the same day as photo one
- 4) Witness is not making a mistake, he is deliberately lying

In Part III we will discuss:

- timeline
- launch site
- photo's
- smoke plume analysis

But first, photo Forensics

MH17 – Photo forensics – BUK-M1

January 1, 2015

Dutch RTL Nieuws channel on December 22nd last year allegedly presented new evidence Malaysian Airlines MH17 was shot down by a BUK-M1 missile stationed in rebel controlled territory. In our analyses [Not BUK-M1 Part I](#) and [Part II](#) we disclosed overwhelming and irrefutable evidence the interviewed witness lied. We delivered proof that, contrary to what witness claimed:

- 1) First photo was taken on July 16, not July 17
- 2) On July 17 no BUK-M1 was fired from the pointed location
- 3) Photo two was not taken on the same day as photo one
- 4) Witness is not making a mistake, he is deliberately lying

Closer look at the photos





Numbers Game

Each digital photo in essence can be reduced to numbers. Numbers specify certain specifications. By 'right clicking' an image you can choose 'properties'. We did this for both photo's the witness presented. The results plotted in a table look like this:

	DATE TAKEN	DIMENSIONS	DPI	BYTES	BIT DEPTH
foto 1	16-Jul	1024 x 678	96	179,825	24
foto 2	?	4928 x 3264	96	3,313,649	24

From these numbers we can deduct following information:

Standard aspect ratio of camera's have ratio 4:3 or 16:9. These are specifications of a fancy camera.

A search on internet makes us choose the Nikon D7100 as most probable candidate. Photos might have been made by a similar camera from another

brand too, which would lead to the same results in our analysis. By clicking the camera image technical specifications will appear.



Most camera's nowadays also have video capability and this Nikon is no exception. [Here](#) a review about video capabilities.

Looking at our table again we notice most probably the first photo in reality is not a photo, but a frame from a video. Let's look at Photo once again:

Let's zoom in and watch:



Even at maximum zoom we can still clearly recognize even the cables of the mast.

Now, the much larger at 'dimension' and 'bytes' second photo that was presented as 'new evidence' by RTL Nieuws and supposedly was taken moments after 'photo' one.....



It is no surprise for us.

Prediction made by the Belling Mouse social media research group:

- 1) The second photo was taken on a cloudy day later than July 16**
- 2) The contrail of the Grad BM21 missile was Photoshopped into the second image.**
- 3) Part of the contrail is missing due to the different zoom factor.**
- 4) Missing part of the contrail in second photo is 'doctored'.**
- 5) The 'truth seeker' and his team had 4 month's to arrange this.**
- 6) However, to make detection of the fraud impossible even by the best experts, the image needed to be blurred.**

We are open for other explanations as long as the truth, the whole truth and nothing but the truth will prevail in case MH17.

MH17 Witness: “I saw plume!”

January 4, 2015

Oh boy, already 2.376 words I wrote about this subject and literally thousands of people are discussing it!



Dutch joumo of the year Olaf Koens interviews anonymous witness

Very important responses came from:

- 1) Artillery expert (anonymous)
- 2) [Bellingcat](#)
- 3) Others

Purpose of my today's article is to share new information with you, correct a mistake I made and put forward some relevant questions for all of us.

Eyewitness wants to remain anonymous

The person interviewed by Dutch journalist Koens claims to have seen a plume that might turn out to be the contrail of the BUK-M1 missile that destroyed MH17. The witness presented by the SBU (Ukrainian Secret Service) no longer lives in Torez but fled some time after the rebels took over the city. His testimony will probably allow witness to become candidate for the SBU witness protection program.

He claims to be the person who took this [first photo](#).



He claims he is not the person who posted the photo. He says he handed it over to his friend who posted it on the twitter July 17. I had a look at the twitter account of the friend who calls himself 'Huyevi Torez' [fuck up Torez] looks like:

Twitter profile for **Хуевый Торез** (@WowihaY). The profile bio states: "Ультрас-правосек Хуевый Торез (с) С какого-то форума. Агент госдепа, по совместительству агент המודיעין הלאומי של ישראל." The user joined in February 2011. A recent tweet from Igor Zubkov (@IgorZ_ua) is shown, mentioning "#Украина RT @mister_BINdera #Журавель крут! #ЦВІНТЕР". The tweet image features a sign that reads "ЦВІНТЕР ГОЛОВНИЙ АНАЛ КРАЇНИ".

Huyevo is truly a remarkable guy.

With help from people which names cannot be disclosed at the moment I made following report about some of his tweets.

Report 'Fucked Up Torez'

After reading the report: It is just a thought: could it be, just maybe, that the anonymous witness and Huyevo are one and the same person? I'll wait for others to comment and will write about it in another article

Ukraines funniest home video's

In the same period Huyevo's anonymous friend was interviewed by Koens, another anonymous witness made headlines. (not to be confused: RTL Nieuws kept interview about BUK contrail about one month on the shelf.)

Anonymous 'Russian terrorist', some say with Ukrainian accent:



Read all about it [here](#)

I laughed so loud my girlfriend asked if everything is okay with me.

Now even the Dutch authorities and 'Russia experts' on TV openly had to distance themselves as can be read [here](#).

In the beginning of the article I wrote:

Very important responses came from:

- 1) Artillery expert (anonymous)
- 2) [Bellingcat](#)
- 3) Others

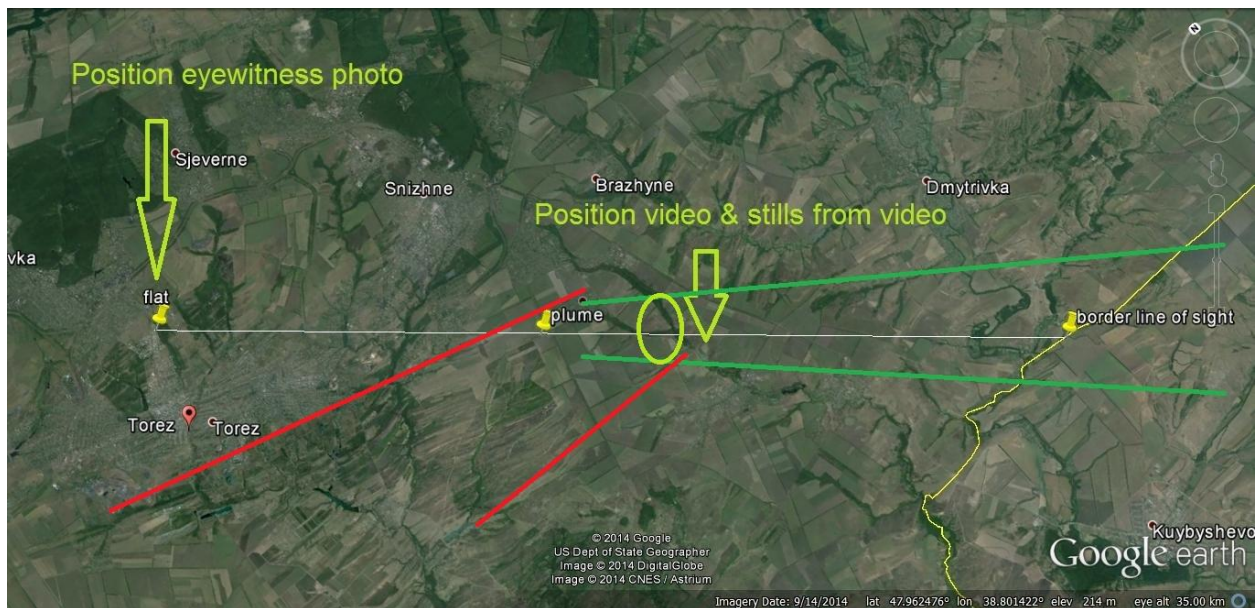
1) Input artillery expert: the first shot in the video is not an attack missile but a 'measurement shot' which is fired in a steep angle. This missile does not contain a warhead, instead sensory and measurement equipment. Data from this launch is used to fine tune the targeting of the missiles with warheads. This explains the optical difference of the flight path of the first missile compared to the others.

2) Input [Bellingcat](#): location of 'video spot' falsified.

With claims from both sources, provided correct, I draw following conclusions:

- a) The falsification of the location of the video does not mean there was no Grad attack anywhere on the line (white) of sight.
- b) The area of possible firing spots of potential Grad units becomes dramatically larger. From the small circle (light green) it increases to any point between the dark green lines.
- c) The limited possible directions of the missiles flight path as indicated between the red lines is no longer valid. New limitation has to be established.

Please consider I am a blogger and not an artist and all my drawings are meant for indication purpose only.



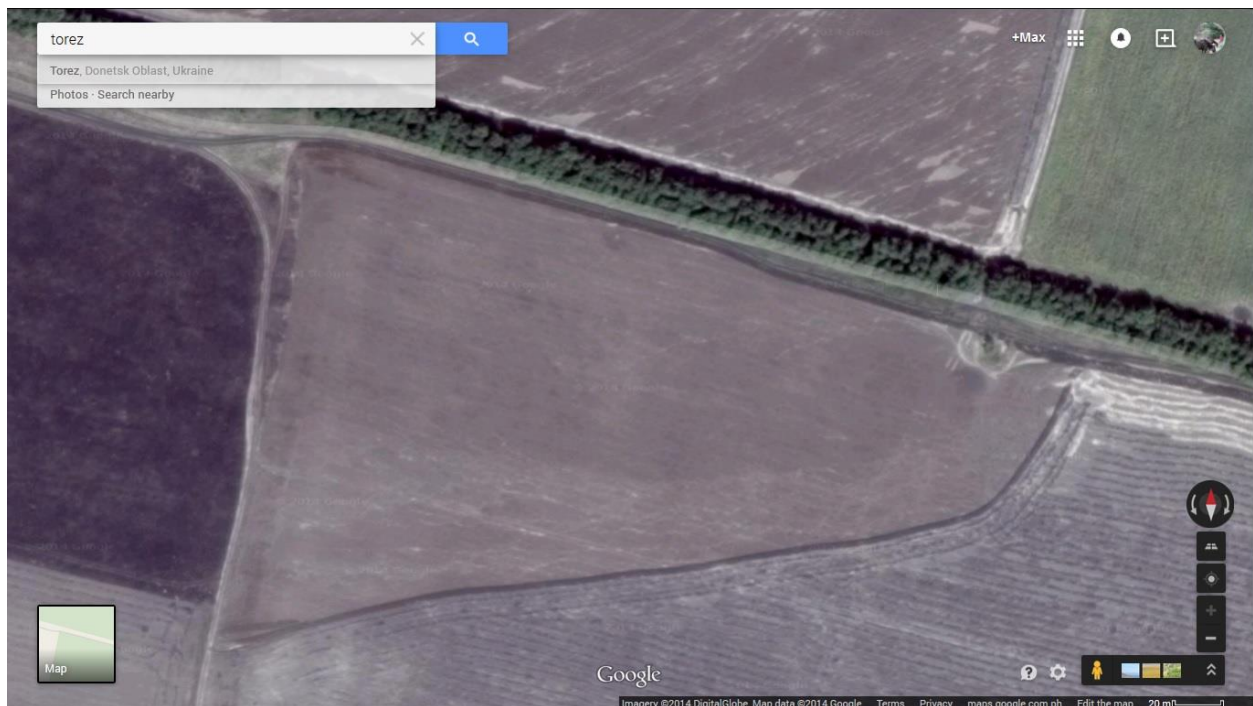
4) Maybe the most significant conclusion: in the Grad hypothesis the date can be any date before or exactly at July 17, 2014.

Before moving on - some self criticism

Instead of simply dismissing the geolocation given by Bellingcat, I should have falsified the data first by finding the 'real spot' of the video. The logical fallacy however created a new hypothesis which otherwise I would have completely missed.

To my best knowledge there are three hypothesis about the cause of the plume:

- a) BUK-M1 contrail photographed on July 17.
- b) First missile of Grad barrage any time not later than July 17.
- c) Strubble fire caused by agricultural activities.
- d) Why not keep option open for: other causes.



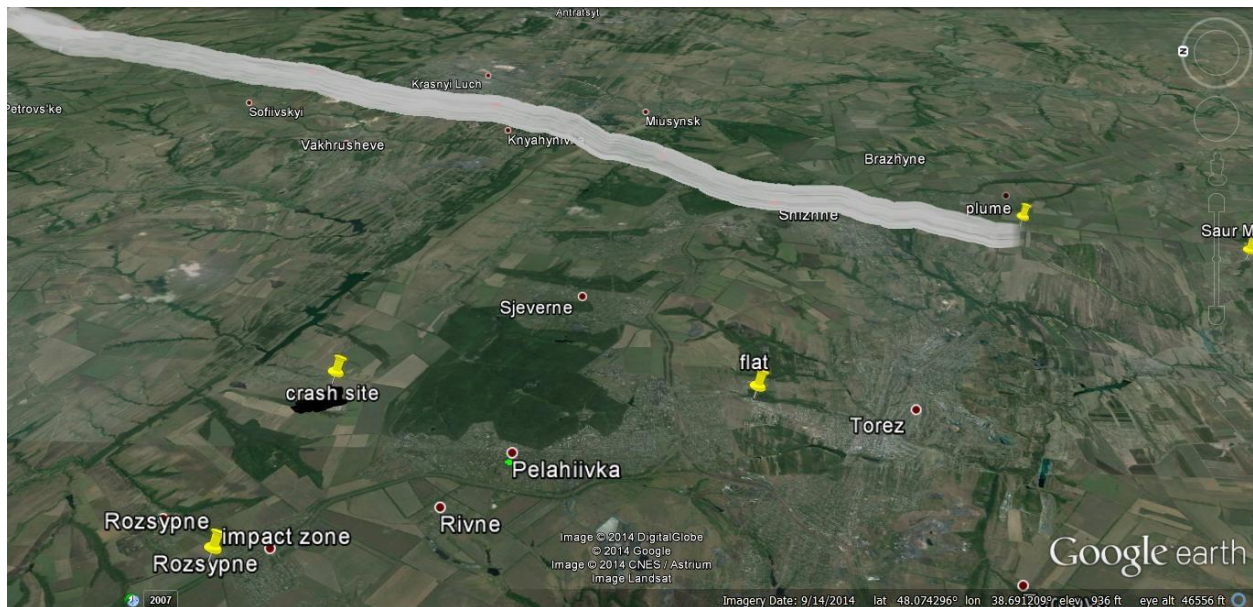
Strubble fire in this field? Discussion option c) with [here](#) and [here](#)

What to expect from different eyewitnesses after BUK-M1 launch?

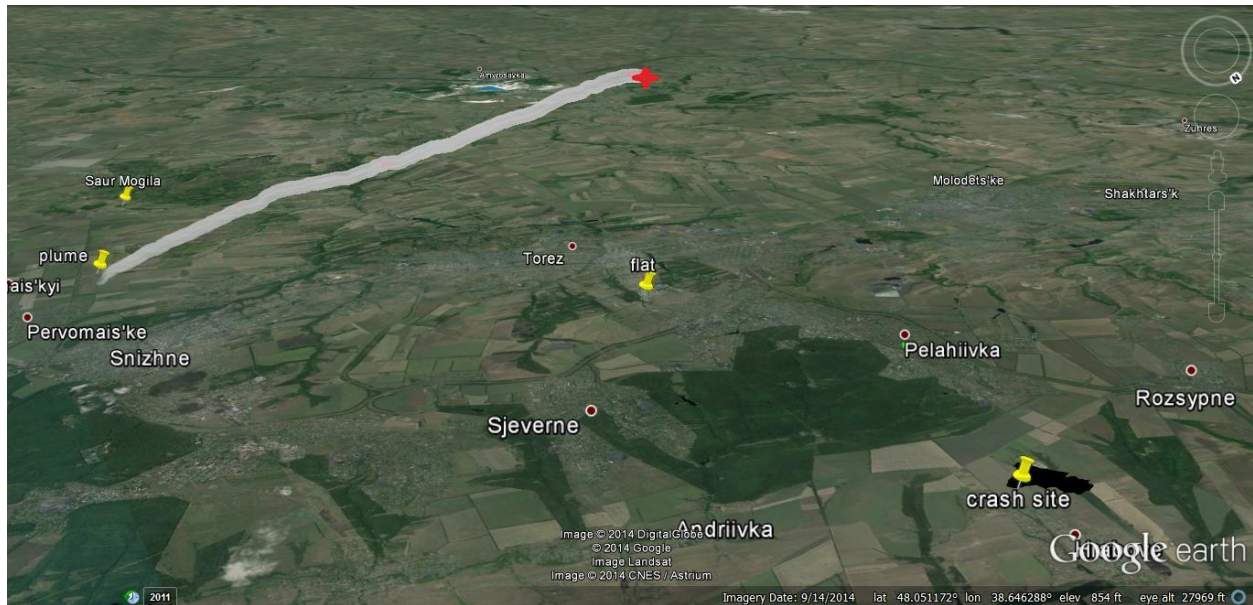
Different locations, very different observations

I have looked at other locations than the flat and came to the conclusion that many people in various locations could have made quite unusual and different observations.

Two locations other than the photographers location I will now discuss.



The 3D-model generated this view from altitude 46,556ft. People on the ground in **Pelahiivka** would be able to see contrail of the Buk flying over their heads in the open parts of the sky. Could they have heard the sonic boom and exploding Buk? Then, not much later on the left hand site they can certainly see a huge smoke column developing after MH17 crashed.



People in **Sjeverne** could have seen the Buk rising from their left view to the right until it disappeared in the clouds to then become visible again in the sections of possibly open sky. A few moments later they can see a black plume rising.

TOPICS

- 1) Comparison BUK-M1 and Grad hypothesis - general
- 2) can trajectories be falsified? And/or [Has been established it is physically possible Buk hit MH17? I read some say it is not?](#)
- 3) What about question 2) for Grad?
- 4) Photo forensic
- 5) witness & friends
- 6) suggestions welcome

Claims, logical fallacies & conclusions challenge

- 1) "measuring shots" as described by 'anonymous artillery expert' exist.
- 2) anything.

Important note: I have NO IDEA about which weapon was used, who fired it and who supplied it causing the MH17 tragedy. I have no idea if it was an accident, deliberate act or even a false flag. I have no idea about a possible motive.

But things look increasingly bleak for the BUK-theory.

Max van der Werff

MH17 - Lying by omission

John Kerry: "We saw the hit, we saw plane disappear"

"We saw the take-off. We saw the trajectory, we saw the hit. We saw this aeroplane disappear from the radar screens. So there is really no mystery about where it came from and where these weapons have come from."

August 13, 2014 [The Australian](#).



"The history of our race, and each individual's experience, are sown thick with evidence that a truth is not hard to kill and that a lie told well is immortal". (Mark Twain)

It is "a misunderstanding"

Fred Westerbeke, chief prosecutor and coordinator of the criminal investigation into the plane crash told Dutch daily [NRC](#) December 19:

"Satellite images showing how on July 17 flight MH17 over Ukraine was shot out of the sky by a rocket do not exist. There has been a misunderstanding about this. There are no satellite images in the sense of a movie where you see a rocket going into the air. There is no conclusive evidence from intelligence services with the answer to all the questions."

It is important to understand that Westerbeke does not say he doesn't have the images but, if his quote is not a misunderstanding, he claims the images do not exist and uses the term "no conclusive evidence".

Fact that Westerbeke and Kerry both got away with completely contradictory statements without even a single question asked by our free, democratic and pluriform media is proof in itself our Western society is totally corrupted. I cannot help but emphasizing that finger pointing to others declaring them [bullhorn of propaganda](#) should be avoided unless oneself has a clean slate.

Before discussing two testimonies of anonymous eyewitnesses maybe now is a good moment to explain what happened to me. In September 2014 I intended to travel to the MH17 crash site to check the situation for myself. Traveling via Moscow because unfortunately I do not consider myself safe in Ukraine anymore. Ticket already bought, because I made many trips to the Former Soviet Union. A [pretty exceptional](#) one too. Spokesperson at the Embassy of the Russian Federation: "We have some concerns and will not issue you a visa and we will [refrain from discussing our concerns with you](#)."

Disgusted by anonymous witnesses.



Left picture. Before even watching the video I think: typical Russian [maskirovka](#).

Right picture. Before even watching the video I think: typical American [psyop](#).

Video left is broadcast of Komsomolskaya Pravda. After watching, I conclude there is no way to say if the witness is really from the Air Force base in Dnepropetrovsk. He says nothing that I can personally check. I dismiss the info as evidence immediately. Fact that there is mention "witness passed polygraph test" makes me really suspicious.

Having discussed the video with a professional who worked as well for military and civilian secret services he explains the video:

"The only purposes of the video is to cast doubt about the version of the opponent. Second purpose is to add one extra possible crash scenario to the mix and tilt the playing field in favor of the own side. For Russian audience this is most probably a very convincing piece of information. Western audiences might start doubting the BUK-version that had been true until this video came out."

Video right. I am really pissed off RTL Nieuws has still not declared they have been dubbed by Ukraine's secret service SBU. It seems to me that the explanation I gave [here](#) and [here](#) would have been sufficient to make the decision by the channel to fully retract the story. Instead of explaining about possible cable on the balcony roof, witness and friend are one and the same person, missile plume is not BUK but Grad BM21 measure shot... I think they should protect Vladimir D. and not make me force to disclose his identity. Problem with this video: it is not problem with the video. Problem is

too much information is contained around the story that makes verification possible. With help from professionals I think on five counts at least events described by the witness can be falsified and cannot have taken place the way he said. Yes, now I lie by omission to achieve my goals.

Max van der Werff

January 6, 2014