

Incident Assessment

Incident ID	CIV0195
Location	Profesors'ka St, 12, 14, 16, 18, Kharkiv, Kharkiv Oblast
Coordinates	50.0316, 36.2537 ¹
Date	03/03/2022
Time	Between 10:21 and 11:04 EET

Description of the Events

10:21 EET on 03/03/2022. Camera footage depicts the moment when the explosions impacted the courtyard of a high-rise building complex identified as “AP Sokolnyiki”. Multiple small explosions can be seen occurring over an approximately 10 second period, indicating the cluster munition strike.

11:04 EET on 03/03/2022. Another video depicting the explosions was posted on Telegram. The video was filmed approximately 1 km away from the affected area and depicts explosions similar in nature and effects to those depicted in the camera footage, further indicating the cluster munition strike. The area affected by the explosions depicted in the video shows that the affected area was much larger than the one depicted by the camera footage.

Key Findings

- On the morning of 03/03/2022, what appears to have been a cluster munition strike impacted a high rise residential building complex;
- Footage of the strike shows a large number of submunition impacts;
- No visual materials depicting munition remnants were identified in open sources. The exact type of munition used in the strike was not identified;
- The origin of the strike was not identified;
- No presence of military troops or objects of military purpose was identified in the vicinity of the impacted area. However, the Kharkiv State Aircraft Manufacturing company is located approximately 700 metres away from the scene of CIV0195;
- The [Kharkiv Christian Church](#)² could have been affected by the strike, as footage of the strike shows that the impacts occurred in close proximity to the church;
- CIV0195 is potentially linked to CIV0244 and CIV0190, which occurred in the same area and likely on the same day.

¹ <https://goo.gl/maps/YtNLHEhc1w47Eb9aA>

² <https://goo.gl/maps/c83FoT7Z57fABGNY6>

Description of Searches

The CIVHARM sheet lists a single [source](#)³ for CIV0195. This source points to a video depicting the incident within a Twitter thread.

Further search queries using online search engines were conducted to find relevant visual materials relevant to the assessment. Search terms included the general location as well as the specific address of the incident. Telegram channels were also searched for the relevant dates.

Searches were limited to 01/03/2022 to 05/03/2022, and were conducted in English, Russian, and Ukrainian.

Background Summary of Significant Descriptive Content

Media Reports

- [Novyny.live](#)⁴ - Report on the shelling of the Kharkiv State Aircraft Manufacturing company and its airfield dated 01/03/2022. It must be noted that the airfield was targeted as early as 25/02/2022.

NGO Reports

- None identified.

Other

- None identified.

Analysis of Examinable Content

- [Source 1 Video 1 \(S1V1\)](#)⁵. A CCTV footage depicting what appears to be a cluster munition strike. The footage depicted a monitor combining signals from four separate CCTV cameras monitoring the inner courtyard of a residential building in a grid pattern. The footage featured a timestamp added by the CCTV system, which indicated that the explosions occurred on 03/03/2022 between 10:21:10 and 10:21:27 EET. The video was posted on Twitter at 19:58 EET on 03/03/2022, but is no longer available. However, the same video was identified in an earlier Telegram post - see Source 2.

³ <https://twitter.com/Melotraumatick/status/1499444045164138501?s=20>

⁴

<https://novyny.live/ru/kharkov/avianalet-v-kharkove-pod-udar-popali-zhilye-doma-novobavarskogo-raiona-video-41332.html>

⁵ <https://twitter.com/Melotraumatick/status/1499444045164138501?s=20>

- **Source 2 Video 1 (S2V1)**⁶. The earliest identified post containing the CCTV footage from S1V1. The footage was posted on Telegram at 15:38 EET on 03/03/2022.



A still frame extracted from S1V1/S2V1 depicts a carpark with a utility building (Top Row) and the inner courtyard of the building complex (Bottom Row). N.B.: Each quadrant has been assigned a number by the investigator, corresponding to Camera 1 (Top Left), Camera 2 (Top Right), Camera 3 (Bottom Left), and Camera 4 (Bottom Right).

- **Source 3 Video 1 (S3V1)**⁷ What appears to be a mobile phone recording filmed from a nearby hospital at [50.0400, 36.2483](https://t.me/truexanewsua/28456)⁸ depicts the impact of the strike. Posted on Telegram at 11:04 EET on 03/03/2022.

⁶ <https://t.me/truexanewsua/28721>

⁷ <https://t.me/truexanewsua/28456>

⁸ <https://maps.app.goo.gl/4257wPmpSs8RTZGe6>



A still frame extracted from S3V1. Multiple impacts are visible across the whole area of the building complex.

None of the identified materials contain any sign of manipulation and/or tampering, aside from the watermarks indicating their sources. In addition, the sources appear to corroborate each other. S3V1 depicts the same building complex as S1V1/S2V1, as demonstrated below.

Questions to Investigate

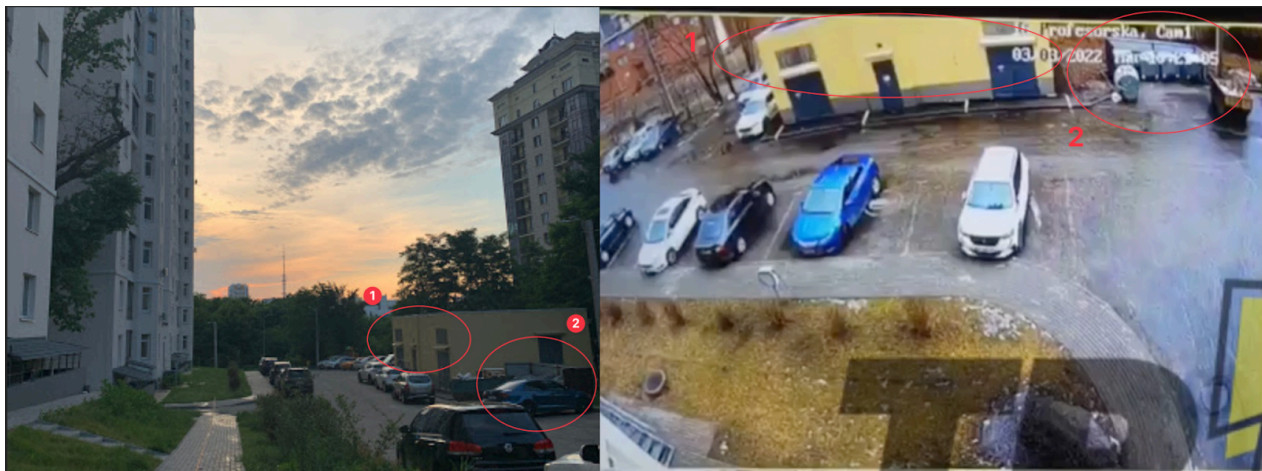
Where Was the Incident?

The location of the incident was suggested in the Twitter thread from S1V1: “*Location: Profesor’ska, 16, Kharkiv, Kharkiv Oblast, Ukraine*”, where the footage was subsequently geolocated.

No Google Street View images were available for the suggested location. However, multiple photos of the location were identified on the Google Reviews service linked to the building complex located at Profesor'ska 16. The Russian name of the apartment complex is indicated on Google as “ЖК Сокольники” (*In English: “AP⁹ Sokolniki”*).



Left: A still frame extracted from S1V1/S2V1. Right: An image identified on Google Reviews to “AP Sokolnyiki” (Credit: Google). Matching features are highlighted with red ovals.



Left: An [image](#)¹⁰ posted to Google Reviews (Credit: Google). Right: still frame extracted from S1V1/S2V1. Matching features are highlighted with red ovals.

⁹ Apartment Complex

¹⁰ <https://maps.app.goo.gl/ZXjSkDvL6mmgcFp87>



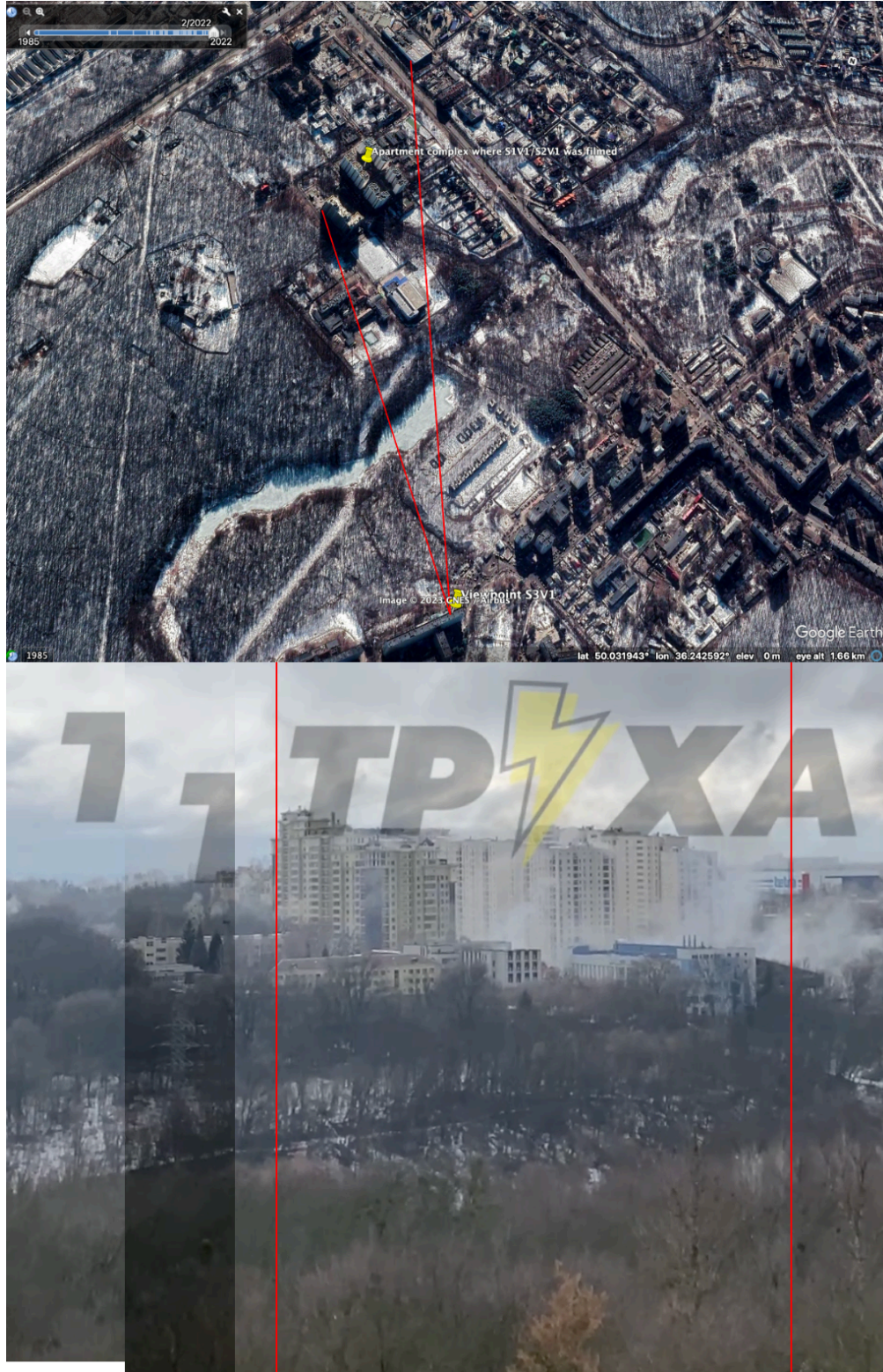
Directions and view angles (marked in red) of Camera 1 and Camera 2 (marked with a number 2), Camera 3 and Camera 4 (marked with a number 1) indicated on satellite imagery depicting the “AP Sokolnykyi” building complex (Credit: Maxar Technologie/Google Earth Pro).



A still frame extracted from S1V1/S2V1 with cameras marked from 1 to 4.

The yellow utility building depicted in S1V1/S2V1 is located on the opposite side of the building complex, on Yurydichna street. The utility building was not clearly visible on satellite imagery at the time of writing this report as the residential complex obstructed the view due to the angle at which satellite imagery was taken.

S3V1 was geolocated to a hospital located to the north-west of the apartment complex based on the viewpoint estimated by lining up features depicted in S3V1 and on satellite imagery, thus triangulating the building from which S3V1 was filmed.



Top: The viewpoint and angle of S3V1 (red lines) indicated on satellite imagery (Credit: CNES/Airbus/Google Earth Pro). Bottom: A composite panorama made of still frames extracted from S3V1.

S3V1 shows that the strike occurred over a large area, with impacts visible to the north and south of the apartment complex, as well as within it.



Left: A composite panorama made of still frames extracted from S3V1. Right: The area affected by the explosions (red oval) depicted in S3V1 marked on satellite imagery (Credit: Maxar Technologies / Google Earth Pro).

The two residential complexes seen damaged in S3V1 are indicated as “AP Sokilnykyi” and “AP Dom v Sokolnyikah” apartment complexes. Additionally, S3V1 depicts the detonations over the roof of one of the buildings located on the grounds of the Kharkiv State College of Physical Culture and in close proximity to the Kharkiv Christian Church. The Kharkiv State Aircraft Manufacturing Company is located approximately 700 metres away from the impacted area.



Civilian objects are indicated on satellite imagery taken over the affected area (Credit: Maxar Technologies/Google Earth Pro).

When Was the Incident?

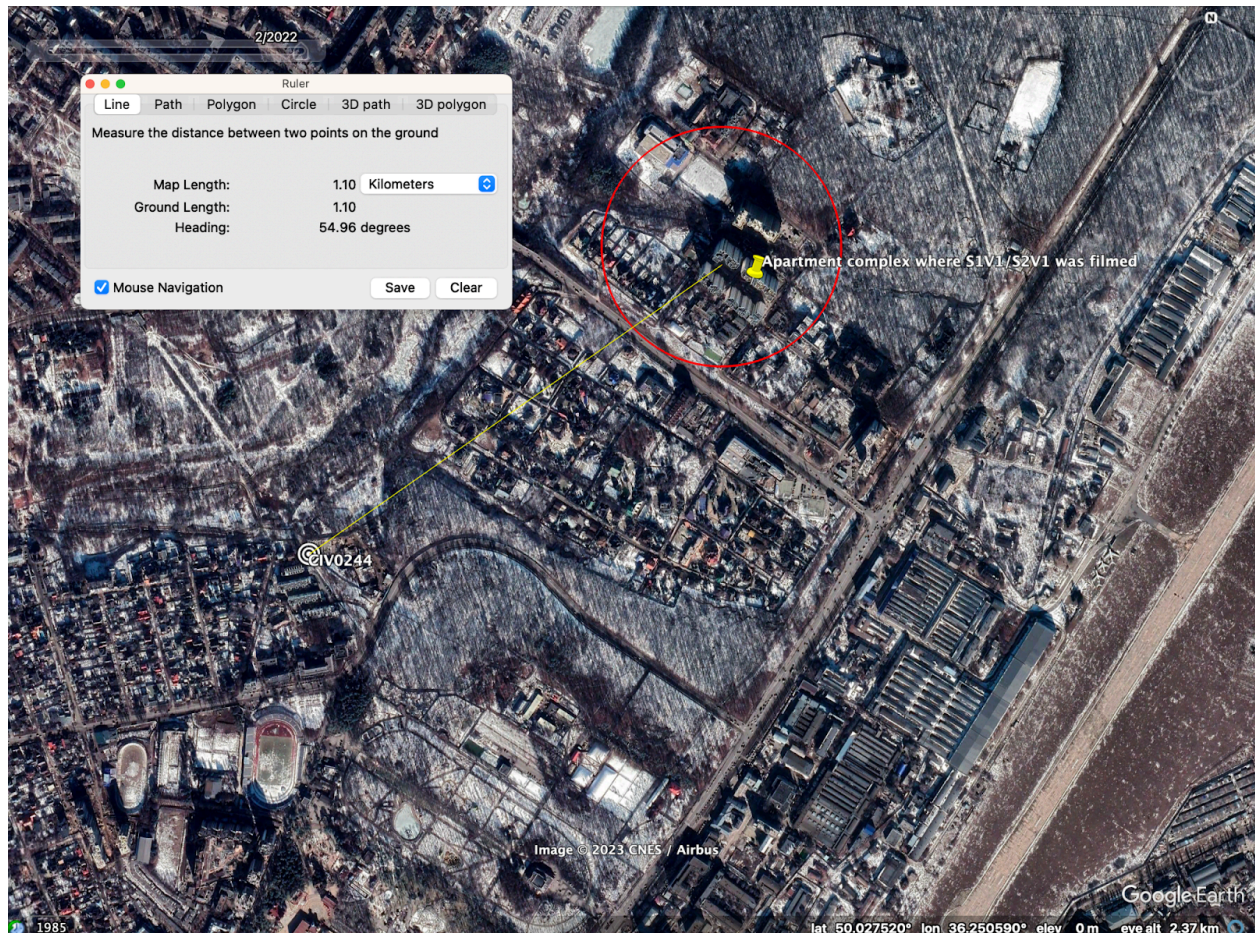
S3V1 was posted on 03/03/2022 at 11:04 EET indicating the latest possible date and time when the incident could have occurred. S1V1/S2V1 contain a timestamp which indicates that the depicted incident occurred on 03/03/2022 at 10:21 EET. The time indicated by the timestamp is supported by the fact that S3V1 was posted on 03/03/2022 at 11:04 EET, approximately 43 minutes later than the time indicated in the timestamp of S1V1/S2V1.

As such, the incident likely occurred on 03/03/2022 between 10:21 and 11:04 EET.

What Kind of Munition Was Used?

It was not possible to identify the specific type of munition detonated over the affected area based on the analysis of visual materials available in open sources. S3V1 depicts approximately nine to ten explosions occurring during approximately ten seconds. The size, smoke trails, and sounds caused by the explosions depicted in S1V1/S2V1 appear to be consistent with those associated with cluster munition strikes.

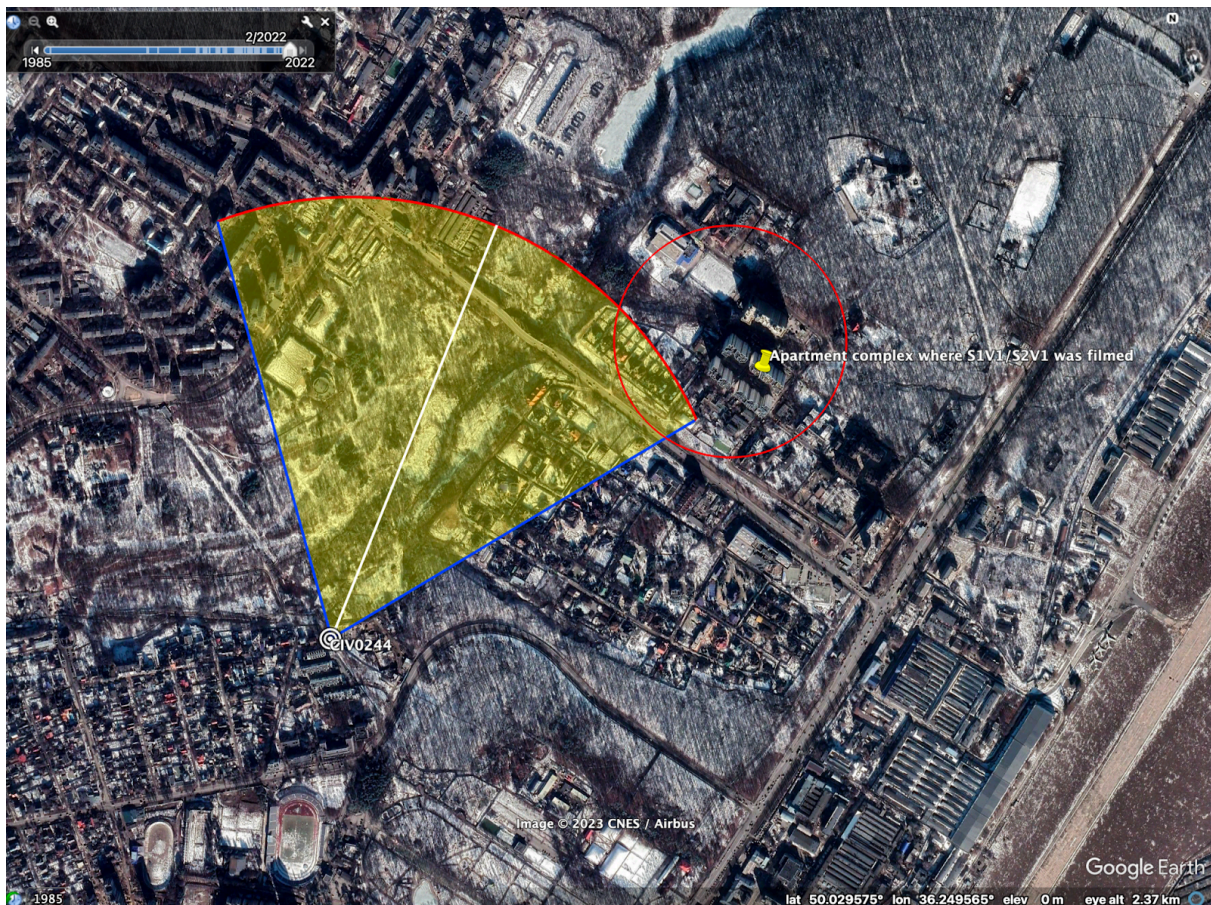
Furthermore, CIV0244 identified that on 03/03/2022 the tail section of a 9M55K rocket which carries cluster submunitions [reportedly](#)¹¹ impacted the area approximately 1.1 kilometres away from CIV0195.



The proximity (1.1 km) of locations impacted by the tail section of a 9M55K rocket from CIV0244 and the scene of CIV0195 marked on satellite imagery indicates a possible trajectory of the rocket and the possible link between them (Credit: CNES/Airbus/Google Earth Pro).

The trajectory of the tail section of a 9M55K rocket, which was estimated in CIV0244, indicates that the area possibly impacted by its submunitions must have been partially intersected with the area affected by submunitions detonated at the scene of CIV0195.

¹¹ <https://t.me/truexanewsua/28701>



The area possibly impacted by the submunitions carried by a 9M55K rocket estimated in CIV0244 (Yellow Arch) and the scene of CIV0195 (Red Circle) indicated on satellite imagery (Credit: CNES/Airbus/Google Earth Pro).

Due to the distance between the location impacted by the tail section of a 9M55K rocket in CIV0244 and the scene of CIV0195, these incidents were not combined into one report. However, the link between CIV0195 and CIV0244 is possible as these incidents were estimated to occur on 03/03/2022 and depict the tail section of a 9M55K cluster munition rocket and the detonation of what appears to be submunitions.

The full analysis of this 9M55K tail section is available in the CIV0244 Incident Assessment . For the purposes of this report, the location of the 9M55K tail section in CIV0244 serves as an indication of what type of munition was used and where it could have originated from.

Is There Any Evidence of the Direction the Munition Came from?

It was not possible to identify the direction and origin of the strike based on the analysis of S1V1/S2V1 and S3V1. In the event that CIV0195 is linked to CIV0244, the direction of origin of submunitions which impacted the scene of CIV0195 could be indicated by the tail section of a 9M55K rocket.

Are There Any Indications of What the Location Was Being Used for?

The scene of CIVO195 is residential in nature, and is primarily occupied by two high rise apartment complexes.

CIVO195 is located in a close proximity to the [Kharkiv State College of Physical Culture](#)¹² and the [Kharkiv Christian Church](#)¹³. Wikimapia also indicates that the [Boiko private school](#)¹⁴ is also located close to the impacted area.

Were There Military Structures, Installations or Other Assets in the Area?

Two objects that could possibly have a military purpose were identified in the vicinity of the scene of CIVO195:

- Kharkiv State Aircraft Manufacturing Company. The aircraft company and an aircraft runway which appears to be associated with this company are located approximately 700 metres away from CIVO195 in the southeastern direction. The website of the [museum](#)¹⁵ dedicated to the company notes that it produces Sukhoi, MiG, Tupolev, Yakovlev, Antonov and other aircrafts.
- Training centre for the Main Directorate of the Ministry of Internal Affairs. Wikimapia [lists](#)¹⁶ a compound located approximately 400 metres away from CIVO195 as the Ministry of Internal Affairs' training centre. N.B. Despite the fact that Wikipedia is a crowdsourced mapping platform allowing anyone to add information, the label indicating the purpose of this location has remained unchanged in terms since 2011 when it was first indicated as being a training ground for police forces. The Wikimapia entry includes an [image](#)¹⁷ depicting what appears to be a training course.

¹² <https://maps.app.goo.gl/9srE1oBFSVRugf5v9>

¹³ <http://khcc.center/ru/>

¹⁴

<http://wikimapia.org/#lang=en&lat=50.029344&lon=36.252501&z=16&m=w&show=/93856/%D0%90%D0%B2%D1%82%D0%BE%D1%80%D1%81%D0%BA%D0%B0%D1%8F-%D1%88%D0%BA%D0%BE%D0%BB%D0%B0-%D0%91%D0%BE%D0%B9%D0%BA%D0%BE&search=50.03143679159329%2C%2036.2541256945178>

¹⁵ <http://xa3museum.tilda.ws/>

¹⁶

<http://wikimapia.org/#lang=en&lat=50.033603&lon=36.259818&z=16&m=w&show=/2119797/ru/%D0%A3%D1%87%D0%B5%D0%B1%D0%BD%D1%8B%D0%B9-%D1%86%D0%B5%D0%BD%D1%82%D1%80-%D0%BF%D0%BE%D0%B4%D0%B3%D0%BE%D1%82%D0%BE%D0%B2%D0%BA%D0%B8-%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BD%D0%B8%D0%BA%D0%BE%D0%B2-%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%BE%D0%B2-%D0%B2%D0%BD%D1%83%D1%82%D1%80%D0%B5%D0%BD%D0%BD%D0%B8%D1%85-%D0%B4%D0%B5%D0%BB-%D0%93%D0%A3-%D0%9C%D0%92%D0%94-%D0%A3%D0%BA%D1%80%D0%B0%D0%B8%D0%BD%D1%8B-%D0%B2-%D0%A5%D0%B0%D1%80%D1%8C%D0%BA%D0%BE%D0%B2%D1%81%D0%BA%D0%BE%D0%B9-%D0%BE%D0%B1%D0%BB%D0%B0%D1%81%D1%82%D0%B8&search=50.03143679159329%2C%2036.2541256945178>

¹⁷

<https://wikimapia.org/#lang=en&lat=50.033603&lon=36.259818&z=16&m=w&show=/2119797/ru/%D0%A3%D1%87%D0%B5%D0%B1%D0%BD%D1%8B%D0%B9-%D1%86%D0%B5%D0%BD%D1%82%D1%80-%D0%BF%D0%BE%D0%B4%D0%B3%D0%BE%D1%82%D0%BE%D0%B2%D0%BA%D0%B8-%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BD%D0%B8%D0%BA%D0%BE%D0%B2-%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%BE%D0%B2-%D0%B2%D0%BD%D1%83%D1%82%D1%80%D0%B5%D0%BD%D0%BD%D0%B8%D1%85-%D0%B4%D0%B5%D0%BB-%D0%93%D0%A3-%D0%9C%D0%92%D0%94-%D0%A3%D0%BA%D1%80%D0%B0%D0%B8%D0%BD%D1%8B-%D0%B2-%D0%A5%D0%B0%D1%80%D1%8C%D0%BA%D0%BE%D0%B2%D1%81%D0%BA%D0%BE%D0%B9-%D0%BE%D0%B1%D0%BB%D0%B0%D1%81%D1%82%D0%B8&search=50.03143679159329%2C%2036.2541256945178>



The locations of the Kharkiv State Manufacturing Company and the training centre for the Ministry of Internal Affairs mapped on satellite imagery (Credit: CNES/Airbus/Google Earth Pro).

%80-%Do%BF%Do%BE%Do%B4%Do%B3%Do%BE%D1%82%Do%BE%Do%B2%Do%BA%Do%B8-%D1%80%Do%B0%Do%B1%Do%BE%D1%82%Do%BD%Do%B8%Do%BA%Do%BE%Do%B2-%Do%BE%D1%80%Do%B3%Do%B0%Do%BD%Do%BE%Do%B2-%Do%B2%Do%BD%D1%83%D1%82%D1%80%D0%B5%Do%BD%Do%BD%Do%B8%D1%85-%Do%B4%Do%B5%Do%BB-%Do%93%Do%A3-%Do%9C%Do%92%Do%94-%Do%A3%Do%BA%D1%80%Do%B0%Do%B8%Do%BD%D1%8B-%Do%B2-%Do%A5%Do%B0%D1%80%D1%8C%Do%BA%Do%BE%Do%B2%D1%81%Do%BA%Do%BE%Do%B9-%Do%BE%Do%B1%Do%BB%Do%B0%D1%81%D1%82%Do%B8/photo/1718890&search=50.03143679159329%2C%2036.2541256945178



The image depicts what appears to be a training course conducted at the Training centre for the Main Directorate of the Ministry of Internal Affairs (Credit: [Wikimapia](#)¹⁸).

No information indicating the presence of military troops or vehicles in the area was identified in open sources.

Timeline of the Incident

At around 10:21 EET on 03/03/2022, what appears to have been a cluster munition strike took place in the area around Profesors'ka St. in Kharkiv. The time of the incident was determined using the timestamp on the CCTV footage of the incident and corroborated with other identified information.

¹⁸

<https://wikimapia.org/#lang=en&lat=50.033603&lon=36.259818&z=16&m=w&show=/2119797/ru/%D0%A3%D1%87%D0%B5%D0%B1%D0%BD%D1%8B%D0%B9-%D1%86%D0%B5%D0%BD%D1%82%D1%80-%D0%BF%D0%BE%D0%B4%D0%B3%D0%BE%D1%82%D0%BE%D0%B2%D0%BA%D0%B8-%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BD%D0%B8%D0%BA%D0%BE%D0%B2-%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%BE%D0%B2-%D0%B2%D0%BD%D1%83%D1%82%D1%80%D0%B5%D0%BD%D0%BD%D0%B8%D1%85-%D0%B4%D0%B5%D0%BB-%D0%93%D0%A3-%D0%9C%D0%92%D0%94-%D0%A3%D0%BA%D1%80%D0%B0%D0%B8%D0%BD%D1%8B-%D0%B2-%D0%A5%D0%B0%D1%80%D1%8C%D0%BA%D0%BE%D0%B2%D1%81%D0%BA%D0%BE%D0%B9-%D0%BE%D0%B1%D0%BB%D0%B0%D1%81%D1%82%D0%B8/photo/1718890&search=50.03143679159329%2C%2036.2541256945178>

Statements from Parties of the Conflict

Ukraine

There is no specific statement from the Ukrainian media regarding CIVO195. In broader terms, this incident refers to the use of cluster munitions in residential areas, which has been covered by Ukrainian media:

- 1) <https://news.obozrevatel.com/society/rossiya-primenyaet-v-ukraine-kassetnyie-boepripasyi-venediktova-nazvala-regionyi-kotoryie-uzhe-postradali.htm>¹⁹;
- 2) <https://focus.ua/voennye-novosti/509124-v-oon-poluchili-dokazatelstva-primeneniya-rossiey-kassetnyh-bomb-v-ukraine>²⁰;
- 3) <https://www.ukrinform.ru/rubric-regions/3454014-rf-sbrasyvaet-na-harkov-kassetnye-bomby-s-parasutov-eto-prestuplenie-protiv-celovecnosti.html>²¹.

Russia

- 1) Kremlin's spokesperson Dmitry Peskov, has denied the use of cluster munitions by Russian armed forces: <https://www.gazeta.ru/politics/2022/03/01/14589073.shtml>²².

Conclusion

At approximately 10:21 EET on 03/03/2022, a series of explosions occurred in a residential area of Kharkiv in the area of Professors'ka St. Multiple explosions occurred over a short period of time, as depicted in S3V1, suggesting the cluster munition strike. The size of the explosions depicted in S1V1/S2V1 also appears to be consistent with explosions typical for cluster munition strikes.

The type of munition and its origin were not determined due to the lack of sufficient visual materials depicting remnants of munitions affecting the scene of CIVO195 available in open sources. CIVO244 may potentially be linked to CIVO195 based on the fact that they occurred on the same date and their geographical proximity. That said, CIVO244 was assessed separately due to the absence of a conclusive link between these two incidents.

¹⁹

<https://news.obozrevatel.com/society/rossiya-primenyaet-v-ukraine-kassetnyie-boepripasyi-venediktova-nazvala-regionyi-kotoryie-uzhe-postradali.htm>

²⁰

<https://focus.ua/voennye-novosti/509124-v-oon-poluchili-dokazatelstva-primeneniya-rossiey-kassetnyh-bomb-v-ukraine>

²¹

<https://www.ukrinform.ru/rubric-regions/3454014-rf-sbrasyvaet-na-harkov-kassetnye-bomby-s-parasutov-eto-prestuplenie-protiv-celovecnosti.html>

²² <https://www.gazeta.ru/politics/2022/03/01/14589073.shtml>

Further Action

- Conduct further research to identify munition remnant footage;
- Obtain satellite imagery for 03/03/2022 and days prior to the incident;
- Conduct further research to check whether CIVO195 and CIVO244 are linked.