

## *Operation Aleppo*

*Back Ground Material  
Related to Chapters 19 &20,  
covering Russian strategic  
missile and bomber operations  
during late 2017*

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Russian Strategic Strikes  
against ISIS targets in Syria  
Sept-Dec 2017  
Analysis  
by Tim Ripley

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<https://www.youtube.com/watch?v=TieuJONGJ4c&feature=youtu.be&t=6m27s>

kalibr strikes 5 sept 17

[Samir @obretix Sep 6](#) More

a 4th strike in this longer video of Kalibr strikes <https://youtu.be/TieuJONGJ4c?t=6m27s> ... on Al-Jazeera University in

Baghiliyah <http://wikimapia.org/#lat=35.377049&lon=40.085506&z=17&m=b> ...



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3rd cruise missile strike @ 0:17

<https://youtu.be/CJdACJrNEoQ?t=17s> ... geolocated in Ash Shula

<http://wikimapia.org/#lat=35.190382&lon=39.842691&z=18&m=b> ...



2nd cruise missile target @ 0:07

<https://youtu.be/CJdACJrNEoQ?t=7s> ... geolocated in Ash Shula as well (h/t [@warsmonitoring](#))

<http://wikimapia.org/#lat=35.207017&lon=39.843571&z=18&m=b> ...



2nd cruise missile target @ 0:07

<https://youtu.be/CJdACJrNEoQ?t=7s> ... geolocated in Ash Shula as well (h/t [@warsmonitoring](#))

<http://wikimapia.org/#lat=35.207017&lon=39.843571&z=18&m=b> ...

Russian Navy cruise missile strikes

<https://youtu.be/CJdACJrNEoQ> geolocated in Ash Shula, ~30km southwest of Deir Ezzor

<http://wikimapia.org/#lat=35.191061&lon=39.848818&z=18&m=b> ... [pic.twitter.com/oS4dZr7ock](http://pic.twitter.com/oS4dZr7ock)

# Tu-95 cruise missile strikes on eastern Syria, 26 Sept 17

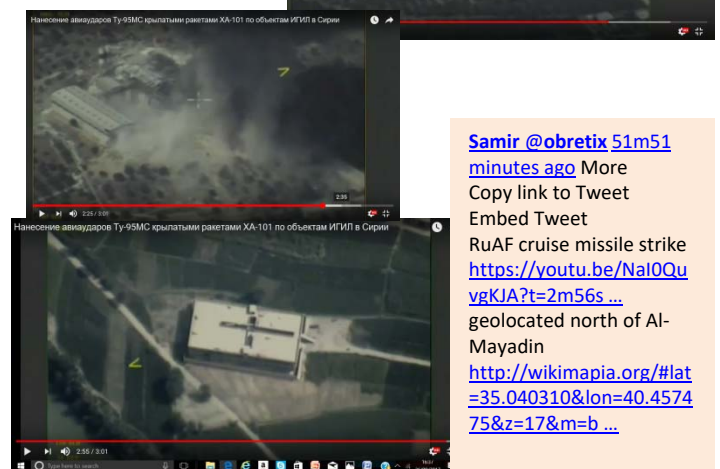
[https://www.youtube.com/watch?time\\_continue=181&v=NaI0QuvgKJA](https://www.youtube.com/watch?time_continue=181&v=NaI0QuvgKJA)



RuAF cruise missile strike  
[https://youtu.be/Nal0QuvgKJA?t=2m36s ...](https://youtu.be/Nal0QuvgKJA?t=2m36s)  
geolocated to a factory in Idlib  
<http://wikimapia.org/#lat=35.925070&lon=36.660669&z=17&m=b...>



**Samir @obretix** 17h17 hours ago More  
Replying to **@obretix** RuAF cruise missile strike on a radio tower  
[https://youtu.be/Nal0QuvgKJA?t=2m47s ...](https://youtu.be/Nal0QuvgKJA?t=2m47s)  
geolocated to Muhassan, ~20km SE of Deir Ezzor  
<http://wikimapia.org/#lat=35.233943&lon=40.314530&z=18&m=b>



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Embed Tweet  
RuAF cruise missile strike  
[https://youtu.be/Nal0QuvgKJA?t=2m56s ...](https://youtu.be/Nal0QuvgKJA?t=2m56s)  
geolocated north of Al-Mayadin  
<http://wikimapia.org/#lat=35.040310&lon=40.457475&z=17&m=b...>

MOSCOW, October 31. /TASS/. Russia's submarine The Veliki Novgorod, currently in the Mediterranean, has attacked militants of the terrorist organization Islamic State (outlawed in Russia) in Syria's Deir ez-Zor province with Kalibr cruise missiles. Command centers, a stronghold and its manpower and a weapons depot were eliminated.

"On October 31, 2017 the submarine The Veliki Novgorod operating in the eastern Mediterranean, launched cruise missiles Kalibr from a surface position to hit crucial facilities of the Islamic State in Syria's Deir ez-Zor province. The three missiles wiped out command centers, a fortified stronghold and its manpower and armored vehicles, and a large weapons depot near Abu Kamal," the Defense Ministry's statement runs.

<http://tass.com/defense/973439>

[Минобороны России](#) Verified account @mod\_russia Oct 31

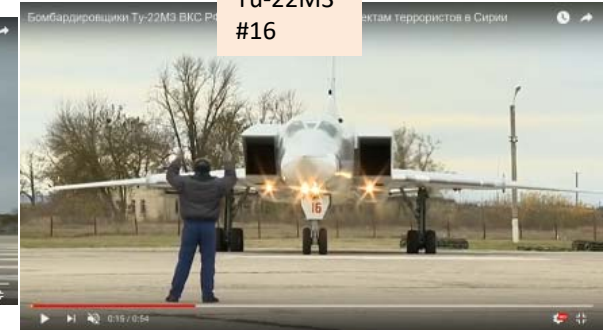
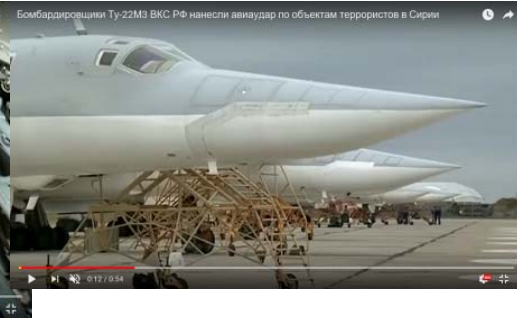
Veliky Novgorod submarine fired [#Kalibr](#) cruise missiles at ISIS objects located in [#Deir ez Zor](#) region

<http://s.mil.ru/2xFJ5sl>



# RuAF Strike on Abu Kamal, Syria, 1<sup>st</sup> November 2017

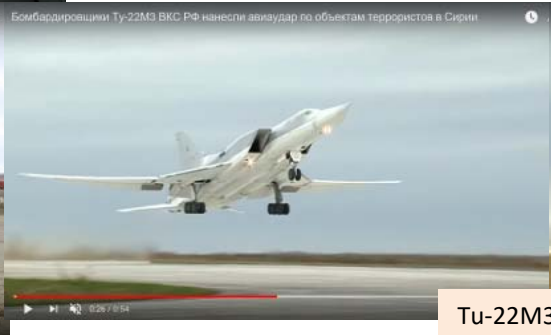
<https://www.youtube.com/watch?v=Nm7BZlzlEwo>



Tu-22M3 #16



Tu-22M3 #48



Tu-22M3 #16



# RuAF Strike on Abu Kamal, Syria, 2<sup>nd</sup> November

[https://www.youtube.com/watch?v=TV\\_Stb-T4K8&t=6s](https://www.youtube.com/watch?v=TV_Stb-T4K8&t=6s)

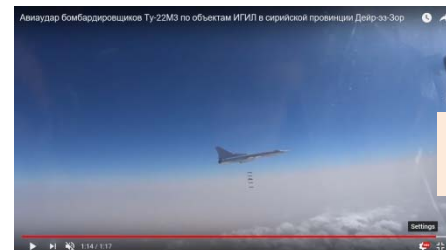
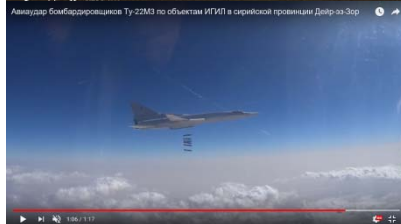
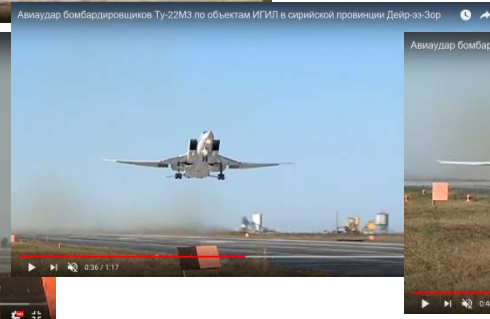
Tu-22M3  
#37



Tu-22M3  
#57



Tu-22M3 #26, #42, #48



River Euphrates,  
North of Abu Kamal

RuAF Strike on Abu Kamal, Syria, 2<sup>nd</sup> November

[https://www.youtube.com/watch?v=TV\\_Stb-T4K8&t=6s](https://www.youtube.com/watch?v=TV_Stb-T4K8&t=6s)

<https://www.youtube.com/watch?v=Nm7BZlzlEwo>

Terrain analysis suggests this is Mozdak AB in North Ossetia

The image is a screenshot of the TerraServer website interface. At the top, there is a navigation bar with 'Help & Support', 'PRECISIONHAWK', 'PRECISIONMAPPER', and 'TERRASERVER'. Below this is a secondary navigation bar with 'VIEWER', 'PRODUCTS', 'SAMPLES', 'INDUSTRIES', and 'FAQ'. The user's name 'Tim Ripley' and a shopping cart icon are visible on the right. The main content area displays an aerial satellite view of an airfield. A red circle highlights a specific area on the airfield, with a red arrow pointing to it from a text box labeled 'Cement works'. Another red circle highlights a different area on the airfield, with a red arrow pointing to it from a text box labeled 'Helicopters on flight line'. Two video player overlays are present: one on the left showing a Tu-22M3 bomber in flight, and one on the right showing a Tu-22M3 bomber on the ground. The website footer includes a green button labeled 'Check Purchase Options →'.



# Tu-22M3 and Kalibr strikes, 3<sup>rd</sup> November 2017

<https://tvzvezda.ru/news/forces/content/201711031727-hwpx.htm>



<https://www.youtube.com/watch?v=1tdydfQusFA>

@obretix Nov 3

Russian Navy cruise missile strike <https://youtu.be/1tdydfQusFA?t=2m36s> ... geolocated southeast of Abu

Kamal <http://wikimapia.org/#lat=34.427098&lon=40.942837&z=18&m=bs> ...



BDA from Kalibr strikes, 3<sup>rd</sup> November 2017

@obretix Nov 3

Russian Navy cruise missile strike <https://youtu.be/1tdydfQusFA?t=2m43s> ... geolocated north of Abu Kamal

<http://wikimapia.org/#lat=34.501879&lon=40.907754&z=17&m=bs> ...



@obretix Nov 3

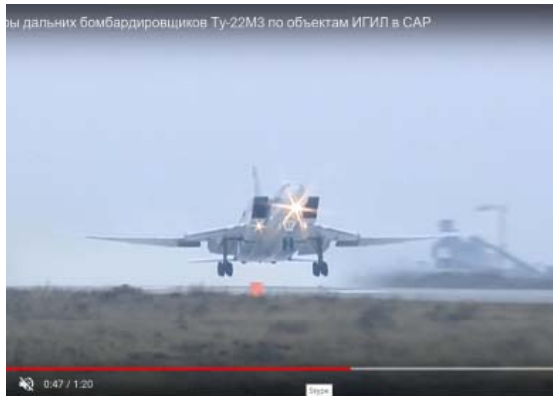
Russian Navy cruise missile strike <https://youtu.be/1tdydfQusFA?t=2m26s> ... geolocated south of Abu Kamal

<http://wikimapia.org/#lat=34.413601&lon=40.890352&z=17&m=b> ...



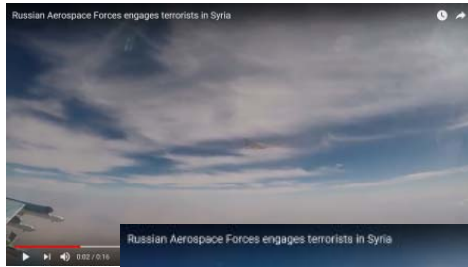
# Tu-22M3 strikes 4<sup>th</sup> Nov 17

<https://www.youtube.com/watch?v=bbyrb56V3yg>



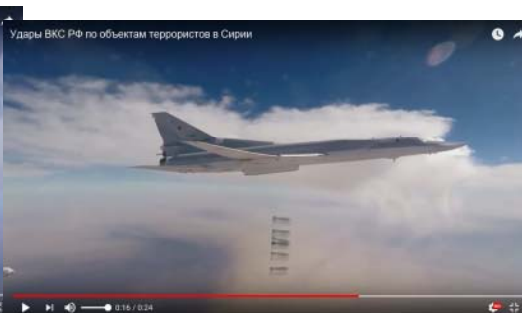
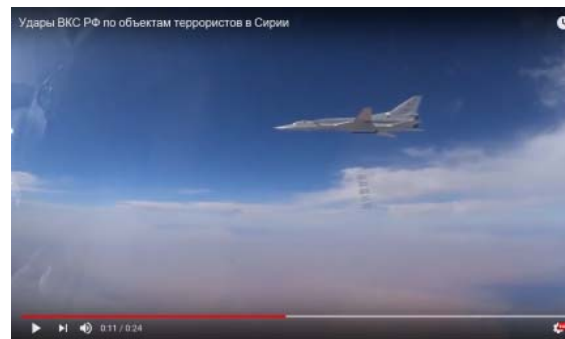
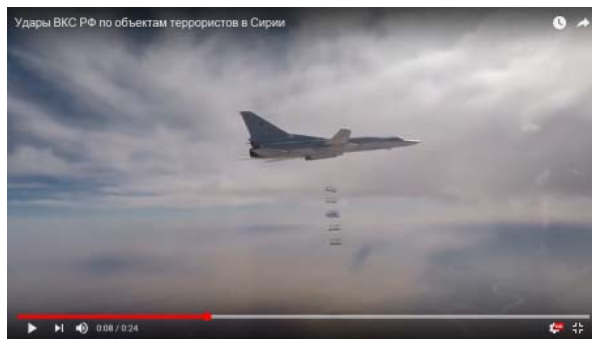
## Tu-22M3 strikes 15 Nov 17

[https://www.youtube.com/watch?v=p\\_wDnj8BUgw](https://www.youtube.com/watch?v=p_wDnj8BUgw)



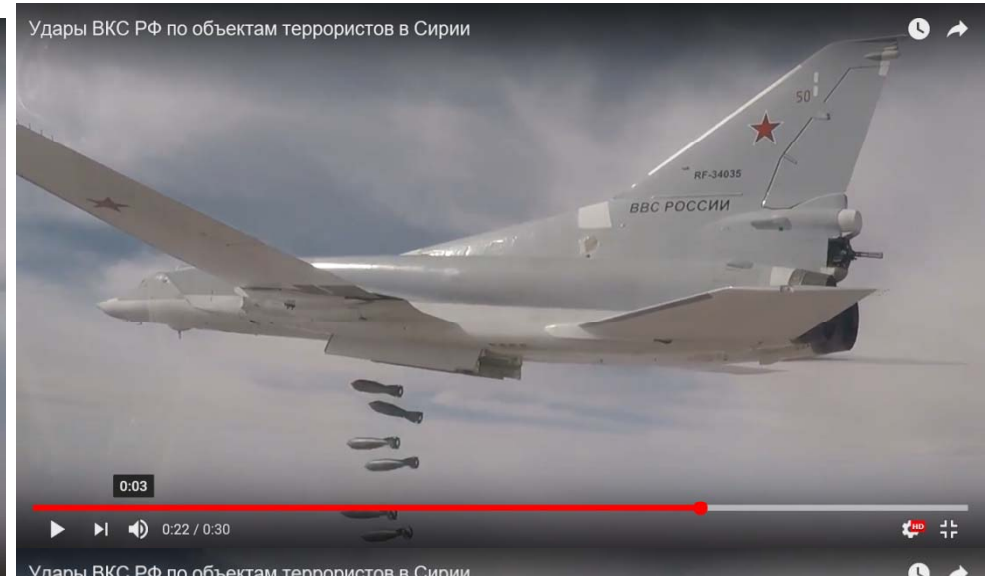
## Tu-22M3 strikes 17 Nov 17

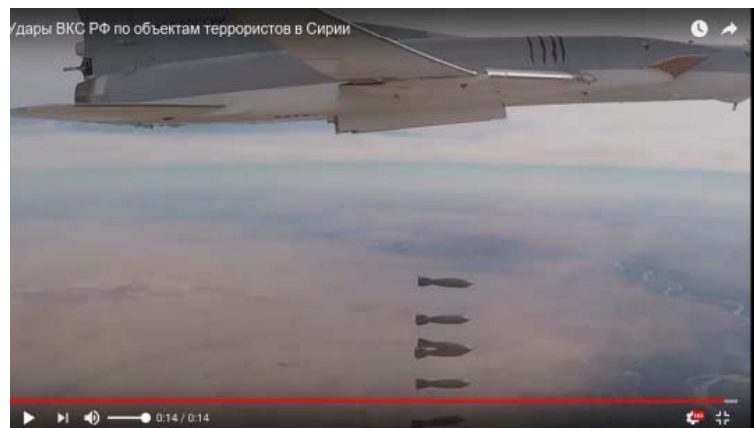
<https://www.youtube.com/watch?v=HL0kL1QACII>



# Tu-22M3 strikes 18 Nov 17

<https://www.youtube.com/watch?v=u8333NhV0NQ>





## Tu-22M2 strikes on 23 Nov 17

<https://www.youtube.com/watch?v=XvL4vKqaBzo>

Ministry of Defence of the Russian Federation · 23 November at 09:41 ·

Tu-22M3 long-range bombers hit ISIS objects in Syria

The Russian Aerospace Forces continue providing air support to the SAA that is on offensive against the ISIS in east Syria.

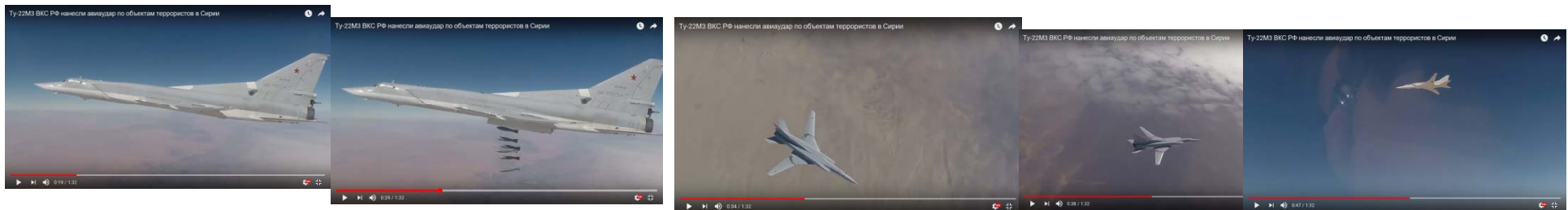
On November 23, the Tu-22M3 long-range bombers of the Russian Aerospace Forces carried out a massed air strike on terrorists' objects in near Abu Kamal, Deir ez-Zor province, Syria. The aircraft scrambled from the Russian Federation and covered 2,000 km. They targeted at strongholds near the settlement of al-Qut'ah.

As a result, the strike has eliminated strongholds, concentrations of manpower and hardware of militants.

Moreover the Su-24 bombers from the Khmeimim air base have engaged standalone objects with pinpoint bombing.

The objective control system has confirmed all the targets to have been eliminated.

The Su-30SM and Su-35S scrambled from Khmeimim air base were covering the bombers.



## Long-range Tu-22M3 bombers struck at targets of terrorists in Syria 24 Nov 2017

On November 24, 2017, six Tu-22M3 strategic bombers taking off from the airfield on the territory of Russia inflicted an air strike on the objects of the IGIL terrorist group on the western bank of the Euphrates River in the vicinity of the settlement Abbas (Dair-*ez-Zor* province).

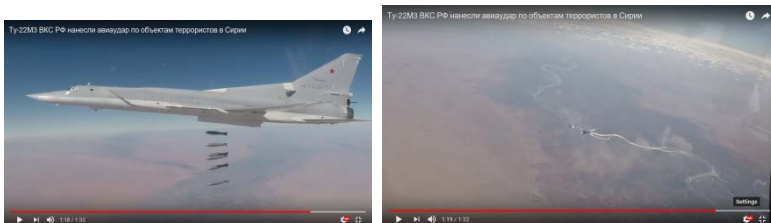
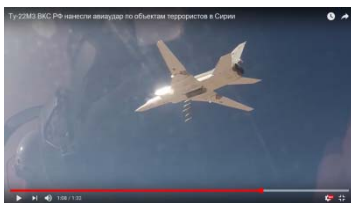
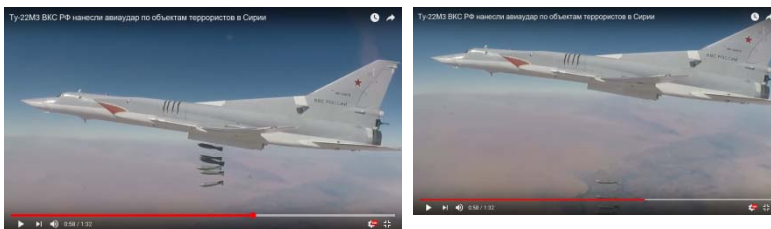
#In the airspace of Syria, support and cover for bombers were carried out by Su-30SM fighters, based at the airbase of Khmeimim.

As a result of the attack, the terrorist strongholds and militant concentrations were struck.

Objective control of the results of an aircraft strike was carried out with the help of incorporeal aircraft.

All Russian aircraft returned to the airfields after the combat mission was completed.

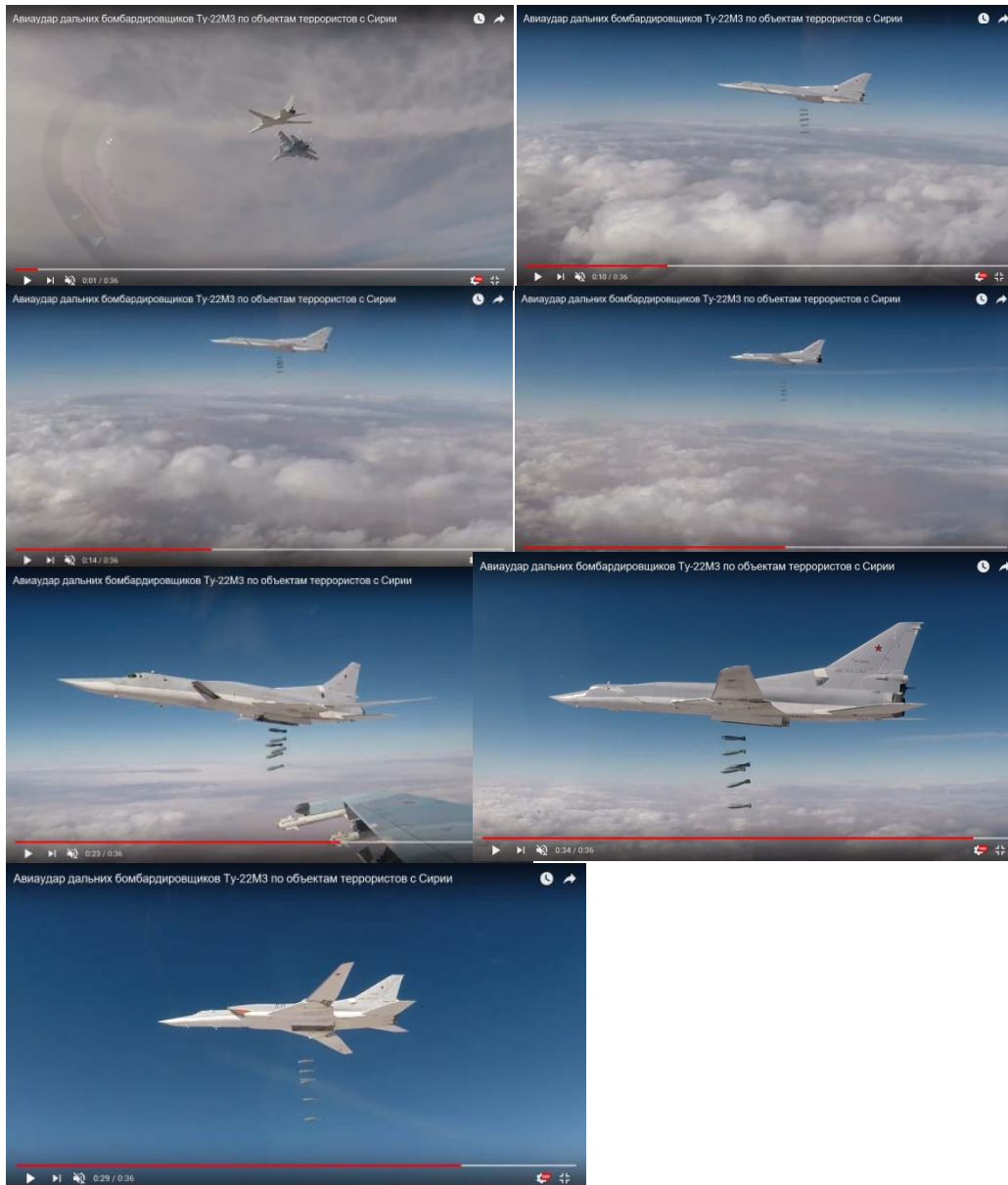
<https://www.youtube.com/watch?v=l8RggZ1cOJI>



# Tu-22M3 strikes 26 Nov 17

© timrpley@hotmail.com

[https://www.youtube.com/watch?v=WAVB\\_ml486k](https://www.youtube.com/watch?v=WAVB_ml486k)



On November 26, six Tu-22M3 long-range bombers scrambled from the Russian Federation and carried out a massed air strike on terrorists' objects in Deir ez-Zor province.

As a result, the strike has eliminated terrorists' strongholds and hardware concentrations in Euphrates valley.

The objective control system has confirmed all the targets to have been eliminated.

Having completed the mission, the bomber returned back to the home stations.

The Su-30SM and Su-35S fighter jets from Khmeimim air base were covering the bombers.



## Tu-22M3 strikes on 1st and 3<sup>rd</sup> December 2017

On December 1, six Tu-22M3 long-range bombers scrambled from the Russian Federation and carried out a massed air strike on terrorists' objects in Deir ez-Zor province, Syria.

As a result, the strike has eliminated terrorists' strongholds and hardware.

The objective control system has confirmed all the targets to have been eliminated.

The Su-30SM fighter jets from Khmeimim air base were covering the bombers in Syrian air space.

<https://www.youtube.com/watch?v=oUNKj9C-EQg>

On December 3, six Tu-22M3 long-range bombers scrambled from the Russian Federation to carry out an air strike on terrorists' objects in south-east Deir ez-Zor province, Syria.

The strike targeted ammo depots, concentrations of hardware of militants.

The Su-30SM fighter jets from Khmeimim air base were covering the bombers.

Having completed the mission, all the Russian aircraft returned to their home stations.



MOSCOW, December 5. /TASS/. Six Russian Tu-22M3 long-haul bombers delivered an airstrike on Islamic State (a terrorist organization outlawed in Russia) targets in the Syrian province of Deir ez-Zor, the Russian defense ministry said on Tuesday.

Read also

[MP blasts US 'brazen' plans to keep military presence in Syria after defeat of terrorists](#)

"Today, six Tu-22M3 long-haul bombers that took off from an airfield in Russia delivered an airstrike on Islamic State terrorists' targets near the settlement of Al-Sayal in the province of Deir ez-Zor," the ministry said. "All the targets were destroyed."

The airstrike helped break down terrorists' resistance near Al Sayal and ensured serious advance of the Syrian army along the entire frontline, the ministry added. The Syrian government troops backed by Russian warplanes are about to finish extermination of the last enclave of Islamic State militants in eastern Syria, which has shrunk to an area of seven by 11 kilometers.

"Syrian government troops backed by the Russian aerospace troops' task force are finishing to exterminate the last Islamic State enclave in eastern Syria, which has shrunk to an area of seven by 11 kilometers," the ministry

<http://tass.com/defense/979197>

to [@QalaatAlMudiq](#)

E. [#Syria](#): [#Russia](#) | n carpet bombing (Tu-22M3 strike?) on Al-Siyal, N. of [#AbuKemal](#).

<http://wikimapia.org/#lang=en&lat=34.568634&lon=40.898495&z=13&m=b>

