

Known UK Air and Drone Strikes in Iraq and Syria, 2017

Date	Detail given	Aircraft	Country	No. & type weapon fired	Given target
01 Jan 2017	Reaper operations occurred on New Year's Day, with our aircraft destroying a group of terrorists with one Hellfire missile, then using a second to knock out an armed truck which it had spotted reversing in and out of cover to fire bursts from a heavy machine gun.	Reaper	Iraq	2 Hellfire missiles	ISIS fighters, armed truck
01 Jan 2017	A flight of Typhoon FGR4s were also active over northern Mosul, where they used a Paveway IV to attack a mortar position just to the north of the city.	Typhoon	Iraq	1 Paveway IV guided bomb	Mortar
02 Jan 2017	A Reaper patrol also on 2 January over Mosul provided surveillance support to coalition air strikes on terrorist fighters, including a recoilless anti-tank gun team, and employed a Hellfire missile to silence a Daesh rooftop position that was firing on Iraqi troops.	Reaper	Iraq	1 Hellfire missile	ISIS position
03 Jan 2017	The following day, a further Reaper attack occurred in south-east Mosul, striking a pair of terrorists who were in close proximity to Iraqi forces	Reaper	Iraq	?	ISIS pair
03 Jan 2017	Some 20 miles south of Kirkuk, a Tornado flight destroyed a Daesh truck with a Paveway IV.	Tornado	Iraq	Paveway IV guided bomb	Truck
04 Jan 2017	On Wednesday 4 January, two flights of Royal Air Force Typhoons carried out attacks on Daesh targets in northern and western Iraq. One pair of Typhoons headed to a site north of Tall Afar, where intelligence had located a group of three buildings used by Daesh to manufacture truck bombs. All three buildings were demolished using Paveway IV guided bombs.	Typhoon	Iraq	Paveway IV guided bombs	Truck bomb facility
04 Jan 2017	The second flight, also armed with Paveway IVs, successfully targeted a bridge used by the terrorists to cross a tributary of the Euphrates in Anbar province.	Typhoon	Iraq	Paveway IV guided bomb	Bridge
05 Jan 2017	A Tornado mission on Thursday 5 January used a Paveway IV to destroy a mortar position in central Mosul.	Tornado	Iraq	Paveway IV guided bomb	Mortar
05 Jan 2017	A Reaper remotely piloted aircraft flew overwatch for Iraqi troops advancing in the south-eastern area of the city. Our aircraft conducted three very precise attacks with Hellfire missiles against extremists as they fought with the Iraqis, and provided surveillance support to three further strikes by other Coalition aircraft.	Reaper	Iraq	Hellfire missiles	ISIS fighters
06 Jan 2017	Reaper operations over south-east Mosul continued on Friday 6 January, with three more Hellfire missile attacks which killed Daesh fighters engaged in very close-quarter combat with the Iraqi forces.	Reaper	Iraq	Hellfire missiles	ISIS fighters
06 Jan 2017	Assistance was also provided to the Syrian Democratic Forces in their offensive towards Raqqa, with a pair of Typhoons bombing a Daesh sniper position on the north-eastern shore of Lake Assad	Typhoon	Syria	?	Sniper
07 Jan 2017	On Saturday 7 January, a Reaper again used the precision of its Hellfire missiles to hit terrorists	Reaper	Iraq	Hellfire missiles	ISIS fighters

	twice during street-fighting in south-eastern Mosul..				
08 Jan 2017	Sunday 8 January saw further Typhoon operations in support of the SDF west of Raqqa, destroying an artillery piece hidden in woods was hit with a Paveway IV.	Typhoon	Syria	1 Paveway IV guided bomb	Artillery piece
08 Jan 2017	A Tornado flight also patrolled over northern Iraq, using a pair of Paveway IVs to destroy a truck-bomb workshop some 35 miles southwest of Kirkuk.	Tornado	Iraq	Paveway IV guided bomb	Truck bomb facility
08 Jan 2017	A further pair of Paveways were used to attack a stockpile of weapons buried in shipping containers south of Sinjar.	Tornado	Iraq	2 Paveway IV guided bombs	Weapons stockpile
08 Jan 2017	A Reaper, as ever maintaining a presence over Mosul, meanwhile observed a group of Daesh attempting to cross the Tigris in a small boat. A direct hit from a Hellfire missile completely destroyed the craft.	Reaper	Iraq	Hellfire missile	Small boat
09 Jan 2017	A pair of Tornados patrolled north of Mosul on Monday 9 January, assisting Iraqi forces as they cleared Daesh positions near Nineveh. The Iraqi troops came under fire from a Daesh-held building, as well as from a small group of extremists concealed under the canopy of another building. The Tornados were able to conduct a simultaneous attack on both targets, demolishing the first building with a Paveway IV guided bomb, and hitting those under the canopy with a Brimstone missile.	Tornado	Iraq	1 Paveway IV guided bomb, 1 Brimstone missile	ISIS building, fighters
09 Jan 2017	A coalition aircraft had meanwhile identified a lorry-bomb nearby. Our Tornados destroyed the target with a second Brimstone.	Tornado	Iraq	1 Brimstone missile	Truck bomb1
09 Jan 2017	RAF aircraft then turned their attention to southern Mosul, where an armoured truck had been spotted. The truck was destroyed with a further Brimstone missile.	Tornado	Iraq	1 Brimstone missile	Armoured truck
10 Jan 2017	On Tuesday 10 January, an RAF Reaper supported Iraqi troops as they advanced further into central Mosul. The Reaper's crew identified a Daesh mortar team trying to conceal their activity in a wooded area, and struck them with a Hellfire missile. A second Hellfire missile accounted for a group of terrorists close to an Iraqi unit.	Reaper	Iraq	2 Hellfire missiles	Mortar, ISIS fighters
11 Jan 2017	Reaper operations over Mosul continued on Wednesday 11 January. Our aircraft conducted one attack in northern Mosul against a group of Daesh caught in the open. It then kept watch on a building where over a dozen Daesh fighters were observed assembling. The surveillance effort enabled a successful strike by a coalition fast jet which demolished the building. The Reaper then moved to patrol over eastern Mosul, where another coalition aircraft had successfully disabled a car-bomb. A Hellfire missile from the Reaper destroyed the threat outright.	Reaper	Iraq	2 Hellfire missiles	ISIS fighters, car-bomb
12 Jan 2017	During the battle for Mosul, small armed remotely piloted aerial vehicles with grenades have been used by Daesh a number of times to harass Iraqi troops, with reports suggesting they have also been used to target civilian refugees. A building in the southern area of central Mosul was identified as being used as a base for these drones and	Typhoon	Iraq	2 Paveway IV guided bombs	ISIS drone facility

	their operators. On Thursday 12 January a pair of Royal Air Force Typhoons targeted the site, demolishing the building with two Paveway IV guided bombs.				
12 Jan 2017	Over south-east Mosul, a Reaper meanwhile flew overwatch for Iraqi troops as they cleared further Daesh positions. The Reaper's crew were able to identify a number of terrorists armed with heavy and light machine-guns firing at the Iraqi forces, and conducted three successful attacks with Hellfire missile which eliminated the threat posed.	Reaper	Iraq	Hellfire missiles	ISIS fighters
13 Jan 2017	Two Tornados patrolled over northern Iraq, and were directed to a tunnel entrance which had been identified some 15 miles west of Kirkuk. Two Paveway IVs collapsed the entrance and set off secondary explosions from inside the tunnel.	Tornado	Iraq	2 Paveway IV guided bombs	Tunnel
13 Jan 2017	Reaper operations over Mosul continued, with our aircraft spotting a group of terrorists as they loaded a heavy rocket into a truck. They and the vehicle were promptly struck by a Hellfire missile. The Reaper then provided surveillance support to two Coalition air strikes which destroyed a heavy machine-gun position and a bridge.	Reaper	Iraq	Hellfire missile	ISIS fighters, truck
14 Jan 2017	RAF Reapers have also been conducting armed reconnaissance patrols near Tall Afar, and on Saturday 14 January one of our aircraft responded to a report from another Coalition surveillance aircraft which had identified a pair of armed trucks concealed in vehicle sheds some 30 miles to the south-west of the town. Both vehicles were destroyed using Hellfire missiles.	Reaper	Iraq	2 Hellfire missiles	2 armed trucks
16 Jan 2017	On Monday 16 January, RAF Typhoons, armed with Paveway IV guided bombs, delivered an attack ten miles north-west of Mosul to breach a large defensive berm held by Daesh against the Kurdish Peshmerga.	Typhoon	Iraq	Paveway IV guided bombs	ISIS berm
16 Jan 2017	The Typhoons then flew to Mosul itself, where they first destroyed a terrorist stronghold that dominated a road junction in central Mosul, then attacked a key route used by Daesh to move supplies and truck-bombs.	Typhoon	Iraq	?	ISIS stronghold, crater road
16 Jan 2017	A Reaper remotely piloted aircraft meanwhile provided close support to Iraqi forces engaged in close combat with Daesh. The Reaper used a Hellfire missile to kill a group of terrorists during street fighting.	Reaper	Iraq	1 Hellfire missile	ISIS fighters
17 Jan 2017	Reaper support to the Iraqi units continued into Tuesday 17 January, when a car-bomb was spotted, hidden under a car-port in a newly liberated area of northern Mosul. The Reaper kept watch as the Iraqi security forces moved civilians in the area to safety, then destroyed the car-bomb with a direct hit from a Hellfire missile.	Reaper	Iraq	1 Hellfire missile	Car bomb
18 Jan 2017	Surveillance and strike operations have also been maintained against Daesh in Syria, and on Wednesday 18 January, Tornados conducted an armed reconnaissance patrol near Al Bab, where they used a Paveway IV to destroy an armed truck which Daesh had attempted to conceal in a vehicle shelter.	Tornado	Syria	1 Paveway IV guided bomb	Armed truck
19 Jan 2017	On Thursday 19 January, a Reaper conducted three precision attacks using Hellfire missiles	Reaper	Iraq	Hellfire missiles	3 groups ISIS fighters

	against small groups of terrorists spotted firing at Iraqi troops.				
20 Jan 2017	During operations on Friday 20 January, a Reaper identified a Daesh observation team at work, which enabled an attack by a coalition aircraft. The Reaper also provided surveillance support to two other successful coalition air attacks, before using one of its own Hellfire missiles to destroy an armed truck which Daesh had attempted to conceal under a vehicle shelter.	Reaper	Iraq	1 Hellfire missile	Armed truck
23 Jan 2017	On Monday 23 January, Tornados, supported by a Voyager air-refuelling tanker, attacked a Daesh command post near the town of Mullah Abdullah, west of Kirkuk. A Brimstone missile and a Paveway IV guided bomb were used simultaneously. The Brimstone destroyed a truck parked outside, with the Paveway impacting shortly afterwards to demolish the building and collapse an associated tunnel.	Tornado	Iraq	1 Paveway IV guided bomb, 1 Brimstone missile	Command post, truck
24 Jan 2017	Following their victory in eastern Mosul, Iraqi forces have begun preparations for the liberation of the western half of the city. Coalition aircraft conducted strikes on Tuesday 24 January against Daesh targets along the approaches to these districts. The RAF contribution was a combined formation of Tornado and Typhoon aircraft, supported by a Voyager tanker. The jets dealt with a car-bomb that had been identified to the south-west of the city. A direct hit from a Brimstone destroyed the booby-trapped vehicle.	Tornado / Typhoon	Iraq	1 Brimstone missile	Car bomb
25 Jan 2017	On Wednesday 25 January, the SDF reported that they were taking fire from a group of Daesh fighters with an armoured personnel carrier, to the west of Raqqa, on the north-eastern shores of Lake Assad. Despite challenging weather conditions and the proximity of the SDF to the targets, two Typhoons used a pair of Paveway IV precision guided bombs which removed the threat.	Typhoon	Iraq	2 Paveway IV guided bomb	Armoured personnel carrier
30 Jan 2017	A pair of Royal Air Force Tornados assisted Iraqi troops on Monday 30 January, some ten miles south of Mosul, on the west bank of the Tigris. The Tornados spotted machine-gun fire being directed at an Iraqi unit, and on investigating were able to identify a number of Daesh terrorists divided into three small groups. The Tornados used a pair of Paveway IV guided bombs to kill the members of two of these groups, while an attack by another coalition aircraft accounted for the third.	Tornado	Iraq	2 Paveway IV guided bomb	2 groups ISIS fighters
30 Jan 2017	In western Iraq, some forty miles south-west of the Al Asad airfield, a Reaper remotely piloted aircraft meanwhile tracked two trucks carrying several Daesh fighters. Both vehicles were struck in succession by Hellfire missiles from the Reaper, and a series of secondary explosions from the vehicles' cargo ensued for several minutes afterwards.	Reaper	Iraq	2 Hellfire missiles	ISIS fighters, trucks
01 Feb 2017	While other RAF aircraft conducted reconnaissance patrols to assess Daesh activity in Syria and Iraq, Typhoons were tasked on Wednesday 1 February with the destruction of a building some twenty miles west of Mosul which intelligence had identified was being used by Daesh as a staging post for the movement of extremists and equipment. A single Paveway IV sufficed to demolish the building once a very	Typhoon	Iraq	1 Paveway IV guided bomb	ISIS building

	careful check had been made by the aircrew for any civilians who might be in the vicinity of the target.				
02 Feb 2017	Royal Air Force Tornados, supported as ever by a Voyager air refuelling tanker, patrolled over northern Iraq on Thursday 2 February. Daesh were occupying a building some 20 miles west of Kirkuk, when Tornados, after conducting a careful check against any civilians being close to the target, struck the building with a Paveway IV guided bomb.	Tornado	Iraq	1 Paveway IV guided bomb	ISIS building
03 Feb 2017	The following day, Typhoons operated over western Mosul as Iraqi forces continued their preparations to liberate that part of the city from the terrorists. Daesh had concealed an artillery piece in an open-sided building on the southern outskirts of west Mosul, covering the approaches to the city. Again, a single Paveway IV from the Typhoons destroyed the target.	Typhoon	Iraq	1 Paveway IV guided bomb	Artillery piece
03 Feb 2017	Meanwhile, a pair of Tornados conducted armed reconnaissance to the north-west of Mosul, where a barge and a smaller boat had been spotted being used by the terrorists on the Tigris. Two Brimstone missiles were fired, sinking both vessels.	Tornado	Iraq	2 Brimstone missiles	Barge, small boat
05 Feb 2017	On Sunday 5 February, Typhoons headed to a remote location some forty miles north-east of Tikrit, where a Daesh headquarters had been identified. The building and a vehicle shed were both destroyed by direct hits from Paveway IVs.	Typhoon	Iraq	2 Paveway IV guided bombs	ISIS buildings
07 Feb 2017	A group of Daesh fighters, armed with a heavy machine-gun, attempted to cross the Tigris in a boat on Tuesday 7 February, close to where the Tornados had sunk the river craft two days earlier. The terrorists were unaware that they were being closely tracked by coalition surveillance aircraft, and a Hellfire missile from an RAF Reaper sank the boat in mid-channel.	Reaper	Iraq	1 Hellfire missile	Heavy machine gun, boat
08 Feb 2017	A Tornado flight used two Paveway IVs on Wednesday 8 February to destroy a pair of Daesh-held buildings some 20 miles south of Kirkuk.	Tornado	Iraq	2 Paveway IV guided bombs	2 ISIS buildings
08 Feb 2017	To the north-west of Mosul, a Typhoon mission supported Kurdish forces, and used a Paveway IV to strike a tunnel in which a group of extremists had taken shelter.	Typhoon	Iraq	1 Paveway IV guided bomb	Tunnel
11 Feb 2017	As the Iraqi forces prepare for the offensive to liberate the western half of Mosul, Royal Air Force aircraft have patrolled the approaches to that part of the city, gathering intelligence and striking Daesh targets as they are identified. Two Typhoon FGR4s from RAF Akrotiri, supported by a Voyager tanker and armed with Paveway IV guided bombs, conducted a successful attack on a terrorist tunnel and bunker dug into a hillside some seven miles to the southwest of the city.	Typhoon	Iraq	Paveway IV guided bombs	Tunnel, bunker
12 Feb 2017	A pair of Tornado GR4s were directed towards two Daesh cargo trucks which had been spotted five miles north-west of Mosul. The Tornados each fired a Brimstone missile, resulting in direct hits on both vehicles.	Tornado	Iraq	2 Brimstone missiles	2 Trucks

14 Feb 2017	Careful surveillance operations allowed a building on the north-western outskirts of Mosul to be identified as a Daesh headquarters. With Iraqi forces keeping close watch from across the Tigris, a flight of Typhoons were able to conduct a highly accurate attack late at night; two Paveway IVs demolished the target.	Typhoon	Iraq	2 Paveways IV guided bombs	ISIS building
17 Feb 2017	On Friday 17 February, a pair of Tornado GR4s from RAF Akrotiri conducted an armed reconnaissance patrol over northern Iraq. They were directed towards a terrorist stronghold which had been identified some 17 miles west of Kirkuk. Having carefully checked the surrounding area for any indication of civilians who might be placed at risk, the Tornados released a single Paveway IV guided bomb which destroyed the target with a direct hit.	Tornado	Iraq	1 Paveway IV guided bomb	Strongpoint
19 Feb 2017	With the launch on Sunday 19 February of the Iraqi offensive to liberate western Mosul, Tornados formed part of the coalition air support. Our aircraft conducted two attacks during the course of their mission: a Paveway IV was used to strike a Daesh mortar position just to the south of Mosul, then a second Paveway destroyed another mortar sited to the north-west of the city – although the mortar itself was not visible to the aircrew, the impact of the Paveway caused a sizeable secondary explosion, indicating that the ammunition supply had been hit.	Tornado	Iraq	2 Paveway IV guided bombs	2 Mortars
21 Feb 2017	Two Typhoon FGR4s were tasked with the mission of denying Daesh the use of a causeway across the Little Zab river, a number of miles west of Kirkuk. Paveway IV guided bombs demolished not only the causeway, but also heavy machine-gun and mortar positions guarding it.	Typhoon	Iraq	Paveway IV guided bombs	Causeway, ISIS position
21 Feb 2017	The Tornados continued their operations to support the Iraqi forces advancing on western Mosul. A Daesh artillery piece, sited some 15 miles north-west of the city, opened fire on Iraqi troops. Iraqi artillery fire in return forced the terrorists manning the gun to seek shelter, and before they were able to re-crew the weapon, the Tornado flight arrived on the scene and destroyed it with a direct hit from a Paveway IV. The ammunition stockpile was also set on fire. The Tornados then patrolled over west Mosul itself, and used a second Paveway IV to collapse a tunnel entrance on the city's southern outskirts.	Tornado	Iraq	2 Paveway IV guided bombs	Artillery piece, tunnel
22 Feb 2017	A further Tornado mission on Wednesday 22 February saw our aircraft use Paveway IVs to cut the road network leading out of south-west Mosul, preventing efforts by Daesh to move men and supplies, particularly their favoured truck-bomb weapons, to resist the advance of the Iraqi forces. Four key chokepoints at a major junction on the southern outskirts of the city were chosen, all at a safe distance from residential areas, and all were accurately struck by the guided bombs.	Tornado	Iraq	Paveway IV guided bomb	Crater roads
23 Feb 2017	A flight of RAF Tornados used a Paveway IV guided bomb on Thursday 23 February to attack a Daesh mortar team operating inside western Mosul. The aircrew waited patiently for some unidentified, possibly civilian, traffic to move clear of the target before they delivered a successful strike.	Tornado	Iraq	1 Paveway IV guided bomb	Mortar

24 Feb 2017	The following day, another Tornado mission attacked a further mortar position which was under the cover of some trees in western Mosul, again using a single Paveway IV for the attack.	Tornado	Iraq	1 Paveway IV guided bomb	Mortar
24 Feb 2017	A Reaper remotely piloted aircraft meanwhile flew overwatch for an Iraqi unit as it advanced into the city. The Iraqi troops encountered a bulldozer rigged with explosives which was blocking movement along a street. With the Iraqis taking cover, the Reaper's crew were able to destroy safely the booby-trapped vehicle with a Hellfire missile. The Reaper then scouted over a group of workshops known to produce improvised armoured vehicles and truck bombs. Two such vehicles were identified, one parked in the open, the other being worked on in a garage, and both were destroyed with direct hits from Hellfire missiles.	Reaper	Iraq	3 Hellfire missiles	3 boobytrapped vehicles
26 Feb 2017	On Sunday 26 February, two flights of Tornados operated over northern Iraq. One patrolled just to the west of Mosul, where a Paveway IV was employed to kill a small group of terrorists as they manoeuvred in the open.	Tornado	Iraq	1 Paveway IV guided bomb	ISIS fighters
26 Feb 2017	The second pair of Tornados headed to an area some 25 miles south-west of Tall Afar, where a number of Daesh armoured trucks had been spotted. The Tornados found one pair of vehicles on the move across the desert and destroyed both with simultaneous attacks with Brimstone missiles. A convoy of five more armoured trucks was then identified nearby, stationary on a stretch of road. All were destroyed with a combination of Brimstones and Paveway IVs. A series of secondary explosions ensued as the vehicles and their cargoes burned.	Tornado	Iraq	Brimstone missiles and Paveway IV guided bombs	7 armoured trucks
27 Feb 2017	Tornados saw further action over western Mosul on Monday 27 February, when they struck another terrorist mortar team with a Paveway IV.	Tornado	Iraq	1 Paveway IV guided bomb	Mortar
27 Feb 2017	The Tornado flight then headed west into Syria, where a main battle tank operated by Daesh had been identified at Tadmur, in the ancient city of Palmyra. A Brimstone missile scored a solid hit on the target	Tornado	Syria	1 Brimstone missile	Tank
27 Feb 2017	Close to Iraq's border with Syria, a Reaper meanwhile provided surveillance support to coalition air strikes on two Daesh facilities in Al Qaim, manufacturing truck-bombs and other improvised explosive devices. An anti- aircraft gun was spotted, despite efforts to conceal it under cover, and was destroyed by one of the Reaper's Hellfire missiles.	Reaper	Iraq	1 Hellfire missile	Anti-aircraft gun
28 Feb 2017	On Tuesday 28 February, a pair of Tornados used two Paveway IV guided bombs to attack a network of trenches and firing points, which a coalition aircraft had identified just to the north- west of the city.	Tornado	Iraq	2 Paveway IV guided bombs	Trenches, firing points
28 Feb 2017	The aircraft then headed south, to a remote area south-west of Bayji, where a number of Daesh fighters had been spotted with a truck. The Tornados observed the extremists making preparations to dry out home-made explosives. Apparently becoming aware of the aircraft overhead, the fighters split into two groups and attempted to move away on foot. However the	Tornado	Iraq	2 Paveway IV guided bombs	2 groups ISIS fighters

	groups were tracked by a Tornado and both were struck by Paveway IVs.				
01 Mar 2017	A Reaper remotely piloted aircraft assisted Iraqi troops in western Mosul on Wednesday 1 March, using a Hellfire missile and a GBU-12 guided bomb to eliminate Daesh fighters, including a sniper, engaged at close quarters with the Iraqis. The Reaper also used its surveillance sensors to check that a target area was clear of civilians before a coalition air strike.	Reaper	Iraq	1 Hellfire missile, 1 GBU-12	ISIS fighters, sniper
01 Mar 2017	Two flights of Tornados armed with Paveway IVs also operated over western Mosul that day. The first pair destroyed a strong-point held by terrorists armed with light machine-guns and rocket-propelled grenades...	Tornado	Iraq	Paveway IV guided bombs	ISIS fighters
01 Mar 2017	... while the second pair dealt with a sniper before demolishing two buildings that were part of a factory producing truck-bombs.	Tornado	Iraq	Paveway IV guided bombs	Sniper, Truck bomb facility
02 Mar 2017	Typhoons had to deal with heavy cloud over Mosul on Thursday 2 March, with the challenging weather conditions denying them clear sight of the target when an Iraqi unit came under machine-gun fire from a Daesh strong-point at short range. Despite these conditions, very careful coordination with the Iraqi troops allowed the Typhoons to hit the Daesh position accurately with a Paveway IV, without endangering friendly forces. The Iraqi unit reported that the machine-gun had been silenced and the threat to them eliminated.	Typhoon	Iraq	Paveway IV guided bomb	ISIS position
03 Mar 2017	Tornados experienced similarly difficult cloud conditions on Friday 3 March, when they struck four Daesh-held buildings in western Mosul. The Iraqi ground forces reported that all four targets had been safely destroyed, with at least one heavy machine-gun also put out of action.	Tornado	Iraq	?	4 ISIS buildings
03 Mar 2017	Typhoons also engaged a further three targets in the city, striking a road junction to prevent Daesh moving supplies and truck-bombs along the route, and eliminating sniper and light machine-gun teams.	Typhoon	Iraq	-?	Crater road, sniper, machine gun team
05 Mar 2017	On Sunday 5 March, a pair of Typhoons operated around Tall Afar. They used Paveway IVs to target successfully a cave where terrorists had set up base, together with a near-by fortified position.	Typhoon	Iraq	Paveway IV guided bombs	Cave, ISIS position
05 Mar 2017	A second pair of Typhoons maintained close air support over western Mosul, where they bombed first a Daesh strong- point and then a checkpoint that had been established in a large building on the outskirts to control a route out of the city.	Typhoon	Iraq	?	Strongpoint, checkpoint
05 Mar 2017	20 miles north-west of Mosul, another Daesh location had been detected, with terrorists occupying a building on the banks of the Tigris. Tornados struck the building, and then used a further Paveway IV to collapse a tunnel that had been dug close by.	Tornado	Iraq	Paveway IV guided bombs	ISIS building, tunnel
06 Mar 2017	Careful intelligence analysis allowed the Coalition to pinpoint the location of a Daesh headquarters at a compound in a remote area of eastern Syria. Two Typhoons were dispatched from RAF Akrotiri on Monday 6 March, targeting the two key	Typhoon	Syria	Paveway IV guided bombs	ISIS compound

	buildings within the compound. Both were demolished by Paveway IV guided bombs.				
06 Mar 2017	Tornados meanwhile supported Iraqi ground operations in western Mosul by using Paveway IVs to strike three key routes within the city, helping to prevent Daesh from sending reinforcements or truck-bombs to areas being successfully liberated by the Iraqi troops.	Tornado	Iraq	Paveway IV guided bombs	Cratering roads
07 Mar 2017	Similar work was performed by Paveway-armed Typhoons the following day, when they cut a major highway leading out of Mosul towards positions still held by Daesh to the north-west of the city.	Typhoon	Iraq	Paveway IV guided bomb	Crater road
07 Mar 2017	Inside Mosul, a Tornado flight used a Paveway IV to deal very effectively with a sniper team which was holding up an Iraqi advance.	Tornado	Iraq	1 Paveway IV guided bomb	Sniper team
08 Mar 2017	On Wednesday 8 March, a pair of Tornados initially operated north-west of Mosul, where they struck a mortar position on the south bank of the Tigris using a Paveway IV. They then provided direct support to Iraqi forces inside western Mosul, engaging a sniper who was firing on the Iraqis, and hitting a building defended by a number of terrorists.	Tornado	Iraq	Paveway IV guided bombs	Mortar, Sniper, ISS building
09 Mar 2017	A Coalition surveillance patrol observed a Daesh tunnel system some 30 miles west of Kirkuk on Thursday 9 March. Royal Air Force Typhoons used a single Paveway IV guided bomb to collapse the tunnel entrance.	Typhoon	Iraq	1 Paveway IV guided bomb	Tunnel
09 Mar 2017	The Typhoons then flew north-west to support Iraqi forces in western Mosul. Two choke-points had been identified on the road network into a district which the Iraqi troops were clearing. These choke-points were duly struck with Paveway IVs to prevent any Daesh reinforcements or truck-bombs being moved into the area.	Typhoon	Iraq	Paveway IV guided bombs	Crater roads
09 Mar 2017	Tornados were also active that day over Mosul. They successfully used a total of three Paveway IVs to engage two mortars and a building from which Daesh fighters were firing at the Iraqi forces	Tornado	Iraq	3 Paveway IV guided bombs	2 Mortars, ISIS building
10 Mar 2017	Two flights of Paveway-armed Typhoons maintained a presence in the Mosul area on Friday 10 March. One pair destroyed a mortar team on a hill above the Tigris, to the west of the city, then eliminated a group of Daesh fighters engaged in close combat with Iraqi troops inside western Mosul. The second flight also struck a Daesh position inside the city. This was again a challenging target, given the proximity of friendly forces, but the attack was accomplished successfully.	Typhoon	Iraq	Paveway IV guided bombs	Mortar, ISIS fighters, ISIS position
12 Mar 2017	On Sunday 12 March, Tornados armed with Enhanced Paveway II weapons conducted a carefully planned strike on a large Daesh headquarters in Syria, situated a couple of miles south of Raqqa. The attack had to be delivered through heavy cloud, but both of the target buildings were destroyed by direct hits.	Tornado	Syria	Enhanced Paveway II	ISIS HQ
12 Mar 2017	Support to the Mosul operation also continued, with Typhoons demolishing a strong-point which	Typhoon	Iraq	?	Strongpoint

	the Iraqi forces had encountered during their advance.				
13 Mar 2017	Royal Air Force Typhoons provided close air support to Iraqi troops engaged in intensive street fighting with Daesh extremists inside Mosul on Monday 13 March. The Typhoons, armed with Paveway IV guided bombs, first conducted an attack north-west of the city on a terrorist supply route. They then carried out strikes which destroyed six Daesh defensive positions in western Mosul.	Typhoon	Iraq	Paveway IV guided bombs	Crater road, 6 ISIS positions
15 Mar 2017	On Wednesday 15 March, Iraqi troops in west Mosul reported encountering a former school compound and two neighbouring buildings now occupied by a large number of Daesh fighters, armed with light machine-guns and rocket-propelled grenades. Two Tornados attacked after dark, having conducted careful checks for any sign of civilians in the area, and hit the Daesh positions in the former school's courtyard and the nearby buildings with three Paveway IVs, which destroyed the terrorist firing points.	Tornado	Iraq	3 Paveway IV guided bomb	3 ISIS positions
17 Mar 2017	Tornado close support missions over Mosul continued on Friday 17 March. Our aircrew again faced very challenging conditions with heavy cloud and having to engage targets perilously close to the Iraqi troops whom they were assisting. Nevertheless, five terrorist positions, including a mortar team, were successfully destroyed by Paveway IVs.	Tornado	Iraq	Paveway IV guided bombs	4 ISIS positions, mortar team
18 Mar 2017	A Daesh headquarters was identified at a small building five miles east of Raqqa, and on Saturday 18 March, this was destroyed by a direct hit from a Paveway IV released by a Tornado flight.	Tornado	Syria	1 Paveway IV guided bomb	ISIS building
19 Mar 2017	Sunday 19 March proved a busy day for both the Tornado and Typhoon aircrews over Mosul. Yet again working very closely with the Iraqi troops, they repeatedly struck Daesh positions engaged in extremely close combat with the security forces. In total, eleven Daesh targets, including sniper, heavy machine-gun and rocket-propelled grenade teams, were eliminated by Paveway IVs.	Tornado / Typhoon	Iraq	Paveway IV guided bombs	11 ISIS positions
20 Mar 2017	Action continued into Monday 20 March, when Tornados bombed a strong-point in the west of the city, and Typhoons struck two Daesh positions, including one from which heavy machine-gun fire was being directed at the Iraqis.	Tornado / Typhoon	Iraq	?	Strongpoint, ISIS positions, heavy machine gun
22 Mar 2017	Royal Air Force Typhoons flew close air support missions over west Mosul, in support of Iraqi ground forces as they continued to engage Daesh terrorists in very close combat in the city's streets. Our aircraft conducted a simultaneous attack with Paveway IV guided bombs on two terrorist positions. The expertise of both the aircrew and the Iraqi troops allowed the attack to be delivered despite Iraqi forces being only tens of metres from the Daesh fighters. A second attack then eliminated a further group of Daesh fighters, armed with light machine-guns and rocket-propelled grenades.	Typhoon	Iraq	Paveway IV guided bombs	ISIS positions, ISIS fighters
23 Mar 2017	The large truck-bomb remains one of Daesh's favoured weapons. The extremist group uses them in desperate circumstances in order to try and slow down Iraqi troops or keep liberated areas	Typhoon	Iraq	Paveway IV guided bombs	Crater roads, ISIS position

	unsafe. To limit the movement of these indiscriminate weapons, two Typhoons conducted attacks with Paveway IVs against one of the main roads leading out of western Mosul and a number of surrounding lesser routes. They also struck a Daesh position in western Mosul, where several surviving Daesh fighters were seen to fleeing to afterwards, allowing the Iraqi advance to continue.				
24 Mar 2017	A Typhoon flight, armed with Paveway IVs, targeted the entrance to a tunnel some six miles west of Tall Afar. Other coalition aircraft had successfully destroyed a neighbouring building used by the terrorists, but Daesh had also been spotted making use of the tunnel, most probably for ammunition or supply storage. A direct hit from a Paveway IV collapsed the tunnel entrance. The Typhoons then headed east to support operations in Mosul, where they attacked four Daesh held buildings which the extremists were using to fire at Iraqi units.	Typhoon	Iraq	Paveway IV guided bombs	Tunnel, 4 ISIS buildings
24 Mar 2017	A second Typhoon pair were also active over the city. They provided similar assistance to Iraqi forces engaged in close combat, striking three terrorist positions with Paveway IVs.	Typhoon	Iraq	Paveway IV guided bombs	3 ISIS positions
24 Mar 2017	A flight of Tornados also patrolled over Mosul and the surrounding area, where they conducted a simultaneous strike on two Daesh strong-points inside the city. They then headed north-west to deal with a reported mortar team. The terrorists were spotted with a vehicle in rocky ground near the Tigris, and hit with a Paveway.	Tornado	Iraq	Paveway IV guided bombs	2 Strongpoints, mortar team
27 Mar 2017	Typhoons again patrolled over Mosul, and used one Paveway IV against a building from which Daesh fighters were continuing to engage Iraqi forces.	Typhoon	Iraq	1 Paveway IV guided bomb	ISIS building
27 Mar 2017	Over eastern Syria, two Tornados attacked a building in a remote area south of Hasakah, from which a Daesh mortar team was operating against Syrian Democratic Forces.	Tornado	Syria	?	Mortar team
30 Mar 2017	Two Typhoons based at RAF Akrotiri targeted a fortified network of defensive positions, some 17 miles south-west of Kirkuk on Thursday 30 March. Three Paveway IV guided bombs were dropped in a simultaneous attack on two buildings within a Daesh-held compound, and a third building a short distance to the south. All three targets were destroyed.	Typhoon	Iraq	3 Paveway IV guided bombs	ISIS buildings
02 Apr 2017	On Sunday 2 April, Tornados, supported by a Voyager air tanker, patrolled over western Mosul. When Iraqi forces came under Daesh mortar fire, the Tornados' aircrew were able to identify the mortar team firing their weapon out of the ground floor of a large building. This allowed the Tornados to achieve a clear line of fire for a Brimstone missile, which scored a direct hit on the mortar team while causing minimal damage to the rest of the building.	Tornado	Iraq	1 Brimstone missile	Mortar team
03 Apr 2017	Tornados and Typhoons conducted attacks in western Mosul on Monday 3 April, also against Daesh mortars. The Typhoons had to bomb through cloud, but the Iraqi ground forces, only metres away, reported that the terrorist position had been struck accurately.	Typhoon	Iraq	?	Mortar

03 Apr 2017	The Tornados, also hampered by cloud, targeted a mortar that was firing on an Iraqi unit from the top storey of a tall building. A Paveway IV was employed with a carefully selected fuse setting, and it successfully demolished just the uppermost storey, leaving the rest of the building intact.	Tornado	Iraq	1 Paveway IV guided bomb	Mortar
5 Apr 2017	Royal Air Force Typhoons provided close air support to Syrian Democratic Forces (SDF), as they consolidated their hold on the huge Tabqah Dam to the west of Raqqa. Daesh had tried, in their desperation, to counter-attack with suicide truck-bombs, so the Typhoons conducted an air strike to cut the approach road to the SDF positions and make any further truck-bomb attacks much more difficult. Given attempts by both Daesh and Russia to claim falsely that Coalition air attacks have been directed at the dam itself, it is important to emphasise that the Typhoons' target was two miles to the south-east and posed no threat whatsoever to the dam's structural integrity	Typhoon	Syria	?	Crater road
5 Apr 2017	A pair of Tornados meanwhile supported the Iraqi forces driving Daesh out of western Mosul, and used a Paveway IV guided bomb to engage a mortar position.	Tornado	Iraq	1 Paveway IV guided bomb	Mortar
5 Apr 2017	The Tornados then flew down to Iraq's western desert, where other Iraqi troops were operating against Daesh to the south of Al Qaim. A Brimstone missile was used to destroy a motorcycle combination carrying three terrorists at speed over the desert and a second Brimstone eliminated a light machine-gun position.	Tornado / Typhoon	Iraq	2 Brimstone missiles	Motorcycle, ISIS position
6 Apr 2017	A Tornado and a Typhoon flew as a pair, armed with a mix of Paveway IVs and Brimstone missiles. Over north-western Mosul, they engaged a Daesh motor team who were moving to a new position on a truck. A number of unidentified individuals were seen on foot nearby, so our aircrew waited patiently until they had moved away from the immediate proximity of the vehicle. A Brimstone missile, which has a smaller warhead than a Paveway, was then used to destroy the target.	Tornado / Typhoon	Iraq	1 Brimstone missile	Mortar
6 Apr 2017	The RAF flight then patrolled an area some 25 miles west of Kirkuk, where they were able to track a truck carrying a terrorist team who had been planting booby traps, scoring a direct hit on the moving vehicle with another Brimstone missile.	Tornado / Typhoon	Iraq	1 Brimstone	IED team
7 Apr 2017	A Reaper remotely piloted aircraft flew overwatch for Iraqi troops in west Mosul. Coalition surveillance aircraft identified two Daesh mortar teams: one firing from the doorway of a building, the other from a small courtyard. The Reaper's crew were able to conduct successful attacks with Hellfire missiles which accounted for both teams.	Reaper	Iraq	Hellfire missiles	2 Mortar teams
8 Apr 2017	A Tornado and Typhoon pair used two Paveway IVs to strike a truck-bomb factory in Mosul.	Tornado / Typhoon	Iraq	2 Paveway guided bombs	Truck bomb factory
9 Apr 2017	Two Tornados patrolled the Iraqi border with Syria, where they bombed a stockpile of home-made explosives near Al Qaim.	Tornado	Iraq	?	Weapons stockpile
12 Apr 2017	On Wednesday 12 April, two Typhoons came to the assistance of Iraqi troops when they came under fire from a sniper team in Mosul. A single	Typhoon	Iraq	1 Paveway IV guided bomb	Sniper

	Paveway IV guided bomb successfully dealt with the threat.				
13 Apr 2017	The following day, Typhoons patrolled over Raqqa. North of the city, Syrian Democratic Forces reported being in very close combat with a group of seven, strongly defended, Daesh positions. Despite heavy cloud, the Typhoons were able to destroy one position on their first pass, then having confirmed the exact location of the other six targets, struck all of those simultaneously with Paveway IVs on a second pass.	Typhoon	Syria	Paveway IV guided bomb	7 ISIS positions
14 Apr 2017	Tornados focused their efforts over Mosul, where Iraqi troops identified a car-bomb that had been positioned on a road leading out of the north of the city on Friday 14 April. A Brimstone missile destroyed the booby-trapped vehicle with a direct hit.	Tornado	Iraq	1 Brimstone missile	Car bomb
15 Apr 2017	Meanwhile, Typhoons continued their support for the SDF as they pushed east from Tabqah towards Raqqa, bombing a terrorist-held building.	Typhoon	Syria	?	ISIS building
15 Apr 2017	On Saturday, a further Tornado patrol supported Iraqi forces engaged in a firefight with Daesh positioned in a large building in western Mosul. Two Paveway IVs silenced the terrorist fire.	Tornado	Iraq	2 Paveway IV guided bombs	ISIS fighters
16 Apr 2017	Easter Day saw two flights of Tornados active over Mosul. Each flight conducted a successful attack with a Brimstone missile, accounting for a terrorist position on top of a building and an engineering vehicle used by Daesh to construct defensive positions.	Tornado	Iraq	2 Brimstone missiles	ISIS position, engineering vehicle
17 Apr 2017	On Monday 17 April, the Tornados operated over western Iraq, where a heavy machine-gun had been spotted, concealed within a grove of trees at Rawah. A single Paveway IV destroyed the weapon.	Tornado	Iraq	1 Paveway IV guided bomb	Heavy machine gun
17 Apr 2017	Typhoons continued their support to the SDF west of Raqqah, and conducted a successful Paveway attack on a group of terrorists positioned in a treeline to the south of Tabqah.	Typhoon	Syria	Paveway IV guided bomb	ISIS fighters
20 Apr 2017	The RAF assisted Syrian Democratic Forces (SDF) on Thursday 20 April. A pair of Typhoons struck a Daesh-held building to the north-west of Raqqa. The Typhoons then hit a Daesh mortar team hiding in a tunnel in the east of the country	Typhoon	Syria	?-	ISIS building, mortar team
21 Apr 2017	RAF Tornados provided close air support over western Mosul on Friday 21 April. A pick-up truck used by Daesh was destroyed with a Brimstone missile. The Tornados then struck a group of Daesh fighters in a building which had been firing on Iraqi troops.	Tornado	Iraq	Brimstone	ISIS building, vehicle
22 Apr 2017	Tornado patrols over Mosul continued on Saturday 22 April, when the aircraft used Brimstone missiles to destroy two vehicles used by Daesh.	Tornado	Iraq	Brimstone missiles	2 vehicles
22 Apr 2017	Two other Tornados struck a group of Daesh buildings to the south-east of Rawah, in western Iraq.	Tornado	Iraq	?	ISIS buildings

23 Apr 2017	On Sunday 23 April, Typhoons assisted the SDF, destroying an armed truck near Tabqah, west of Raqqa.	Typhoon	Syria	?	Armed truck
23 Apr 2017	In western Mosul, a Daesh-held building was struck by a Paveway IV, released by a Tornado flight, after Iraqi troops came under fire from the building.	Tornado	Iraq	Paveway IV guided bomb	ISIS building
24 Apr 2017	Two Royal Air Force Typhoons provided close air support to the Syrian Democratic Forces (SDF) on Monday 24 April. A Paveway IV guided bomb was used to demolish a building in eastern Syria that was held by a group of Daesh fighters.	Typhoon	Syria	1 Paveway IV guided bomb	ISIS building
24 Apr 2017	On the same day in northern Iraq, Tornados provided similar support to the Iraqi forces, striking a Daesh position in western Mosul.	Tornado	Iraq	?	ISIS position
27 Apr 2017	Tornados were active again over Mosul on Thursday 27 April and Friday 28 April, striking further Daesh positions.	Tornado	Iraq	?	ISIS positions
27 Apr 2017	Tornados were active again over Mosul on Thursday 27 April and Friday 28 April, striking further Daesh positions.	Tornado	Iraq	?	ISIS positions
30 Apr 2017	Sunday 30 April saw Typhoons once more flying in support of the SDF west of Raqqa, where they struck a group of Daesh fighters along the bank of the Euphrates.	Typhoon	Syria	?	ISIS fighters
30 Apr 2017	The Tornados then flew over Mosul, demolishing two Daesh-held buildings which the Iraqi ground forces had encountered.	Tornado	Iraq	?	2 ISIS buildings
03 May 2017	With Iraqi forces continuing their operations to clear Daesh from areas of western Mosul which they still occupy, two flights of Royal Air Force Tornados provided close air support on Wednesday 3 May. Direct hits were scored with Brimstone missiles on two rooftop firing positions. A third terrorist position was also struck with a Paveway IV guided bomb in an attack carefully planned to minimise the potential risk to the Iraqi troops who were very close by.	Tornado	Iraq	Brimstone, Paveway IV	3 ISIS positions
04 May 2017	On Thursday 4 May, a Tornado flight used a Paveway IV to destroy a command post some 15 miles west of Kirkuk.	Tornado	Iraq	1 Paveway IV guided bomb	Command post
04 May 2017	Meanwhile a second Tornado mission attacked a truck-bomb factory at the north-western edge of Mosul. Four Paveway IVs struck one large and two smaller buildings.	Tornado	Iraq	4 Paveway IV guided bombs	Truck bomb factory
06 May 2017	Typhoons supported the Syrian Democratic Forces to the west of Raqqa on Saturday 6 May, delivering a successful Paveway attack on a building defended by a number of Daesh fighters.	Typhoon	Syria	Paveway IV guided bomb	ISIS building
07 May 2017	The following day, Tornados were again in action over Mosul, when they used a Brimstone missile to engage a Daesh firing point.	Tornado	Iraq	1 Brimstone missile	Firing point
08 May 2017	Two Typhoons joined other Coalition aircraft in a strike mission on Monday 8 May, against a Daesh truck-bomb factory in western Iraq, north-west of Ar Rutbah. Our aircraft targeted five buildings	Typhoon	Iraq	?	Truck bomb factory

	within the complex, which were all destroyed or severely damaged.				
08 May 2017	The same day, two flights of Tornados continued their operations over Mosul. One pair conducted a series of attacks to support the Iraqi infantry, hitting Daesh fighters firing from rooftops and within buildings, and demolishing a local Daesh headquarters.	Tornado	Iraq	?	ISIS fighters, building
08 May 2017	The second pair of Tornados used Paveway IVs to cut the road network at three key choke-points to prevent Daesh moving vehicles, particularly truck-bombs, towards districts liberated by the Iraqis.	Tornado	Iraq	Paveway IV	Road Cratering
09 May 2017	An RAF Reaper remotely piloted aircraft observed a group of Daesh fighters in Abu Kamal, eastern Syria, mustering a large crowd of civilians in one of the town's main streets on Tuesday 9 May. When a van then unloaded two shackled prisoners in front of the crowd, it became clear that Daesh were organising a public execution. Given the large number of civilians present, the Reaper's crew could not target directly the Daesh fighters about to carry out the murders. However, two armed extremists were stationed as sentries on the roof of a building overlooking the scene. A Hellfire missile was fired immediately, and scored a direct hit which not only killed one of the sentries but also brought the execution to an immediate halt, as the Daesh fighters fled the scene, and the crowd of civilians dispersed.	Reaper	Syria	Hellfire missile	ISIS execution
10 May 2017	The following day, Typhoons also patrolled over Syria, and successfully struck a Daesh mortar team that was firing on Syrian Democratic Forces (SDF) some five miles north of Raqqa.	Typhoon	Syria	?	Mortar
10 May 2017	Tornados also operated over western Mosul, where they used a Brimstone missile to silence a sniper team which had opened fire on Iraqi troops, and used a Paveway IV against a Daesh-held building.	Tornado	Iraq	1 Brimstone missile, 1 Paveway IV guided bomb	Sniper team, ISIS building
11 May 2017	On Thursday 11 May, a pair of Typhoons, armed with Paveway IVs, destroyed a truck-bomb staging area some fifteen miles north-west of Raqqa, while another pair supported the SDF in eastern Syria, hitting a mortar team and two Daesh-held buildings near Al Ulwah..	Typhoon	Syria	?	Truck bomb facility, mortar, 2 ISIS buildings
11 May 2017	The same day, two flights of Tornados patrolled over Mosul, using Brimstone missiles against two Daesh positions very close to Iraqi troops. A further Paveway IV eliminated a mortar in a courtyard, and three more Paveways cratered roads along which Daesh might have tried to move truck-bombs along.	Tornado	Iraq	Brimstone missiles, 4 Paveway IV guided bombs	2 ISIS positions, mortar, crater road
12 May 2017	Friday 12 May saw Tornados cut three more key routes in Mosul, as well as conducting a Brimstone attack on a Daesh position in the city.	Tornado	Iraq	?	Crater roads, ISIS position
13 May 2017	Similar operations continued on Saturday 13 May. Tornados cut yet another part of the road network, and struck two sniper positions in Mosul, before one pair headed west to Bulayj to destroy an armed truck.	Tornado	Iraq	?-	Crater road, 2 snipers, armed truck

14 May 2017	Both Typhoons and Tornados hit targets in Mosul on Sunday 14 May. The Tornados cratered a further key choke-point on the roads...	Tornado	Iraq	?	Crater road
14 May 2017	...while the Typhoons delivered attacks on a mortar team, two heavy machine-gun positions and a Daesh-held building.	Typhoon	Iraq	?	Mortar, 2 heavy machine guns, ISIS building
15 May 2017	Three flights of Royal Air Force Tornado GR4 and Typhoon FGR4 aircraft operated over western Mosul on Monday 15 May. As well as conducting tactical reconnaissance, our aircraft also provided support to Iraqi troops engaged in very close combat with Daesh extremists. Three Brimstone missiles were used in very precise attacks on terrorist firing points, including a medium machine-gun position, while Paveway IV guided bombs struck another machine-gun team, demolished four Daesh-held buildings, and cratered a road to prevent terrorist movements along it.	Tornado / Typhoon	Iraq	3 Brimstone missiles Paveway IV guided bombs	3 positions, machine gun, 4 ISIS buildings, crater road
17 May 2017	Two Typhoons assisted the Syrian Democratic Forces on Wednesday 17 May. Their first attack was on a mortar which a coalition surveillance aircraft had spotted north-west of Raqqa. Having eliminated that threat, the Typhoons then headed to the east of the country, where they bombed two buildings near Al Ulwah which were being used by another Daesh mortar team and their spotters.	Typhoon	Syria	?	2 mortar teams
17 May 2017	A Tornado flight meanwhile patrolled over Mosul, where they used a Brimstone missile to strike a terrorist position.	Tornado	Iraq	1 Brimstone missile	ISIS position
17 May 2017	Another Tornado flight later struck a Daesh tank loaded on the back of a heavy transport vehicle in north west Iraq, hitting it with a Brimstone.	Tornado	Iraq	1 Brimstone missile	Heavy vehicle
18 May 2017	Both Typhoon and Tornado flights operated over Mosul on Thursday 18 May, and between them conducted three attacks, successfully using Paveway IVs and a Brimstone to target terrorist positions.	Tornado / Typhoon	Iraq	Brimstone missiles, Paveway IV guided bombs	3 ISIS positions
19 May 2017	The following day, Tornados provided further support to the Iraqi ground forces, despite very challenging conditions as a dust storm raged. Again, a mixture of Brimstones and Paveway IVs were used to engage seven Daesh positions within the city, including a sniper team and a mortar, despite the Iraqi forces being extremely close to the targets on occasion.	Tornado	Iraq	Paveway IV guided bombs, Brimstone missiles	7 ISIS positions
19 May 2017	In Syria, Typhoons supported the SDF and bombed a group of terrorists caught in the open a few miles to the east of Raqqa.	Typhoon	Syria	?	ISIS fighters
20 May 2017	On Saturday 20 May, Typhoons maintained operations over Syria, where they conducted a further attack on a Daesh-held building near Al Ulwah.	Typhoon	Syria	?	ISIS building
20 May 2017	In Mosul, two more terrorist positions were bombed by Tornados.	Tornado	Iraq	?	ISIS building
21 May 2017	The latter [Tornados] hit a further pair of targets in Mosul on Sunday 21 May, eliminating a sniper and a heavy machine-gun team.	Tornado	Iraq	?-	Sniper, Heavy machine gun

21 May 2017	On the eastern outskirts of Raqqah, Typhoons destroyed a weapons stockpile.	Typhoon	Syria	?	Weapons stockpile
22 May 2017	On Monday 22 May, Typhoon FGR4s assisted SDF engaged in close combat with a group of terrorists defending a large building some eight miles south-east of Raqqah; two Paveway IV guided bombs struck the building and eliminated the threat successfully.	Typhoon	Syria	2 Paveway IV guided bombs	ISIS building
22 May 2017	Tornado GR4s patrolled over Mosul, where they also used Paveway IVs to deal with two Daesh positions which the Iraqi forces encountered.	Tornado	Iraq	Paveway IV guided bomb	2 ISIS positions
24 May 2017	A Reaper, conducting surveillance south-west of Raqqah on Wednesday 24 May, kept watch on a small group of terrorists and was able to conduct a successful attack with a Hellfire missile.	Reaper	Syria	1 Hellfire missile	ISIS fighters
24 May 2017	In Mosul, when advancing Iraqi security forces found themselves facing two buildings defended by a Daesh heavy machine-gun, a sniper team and at least one individual in a suicide-bomb vest, they called for assistance from a flight of Tornados. Our aircraft delivered a very precise simultaneous attack with two Paveway IVs which destroyed both terrorist strongpoints. The Tornados then hit a third terrorist position, again with a Paveway, whilst a second flight bombed a fourth position.	Tornado	Iraq	Paveway IV guided bombs	4 ISIS positions
25 May 2017	Intelligence confirmed that Daesh were using a small radio relay station east of Palmyra to spread their propaganda. A pair of Typhoons attacked the site on Thursday 25 May and successfully put it out of action with Paveway IVs.	Typhoon	Syria	Paveway IV guided bombs	ISIS radio station
25 May 2017	Further north in Syria, a Reaper used a Hellfire missile to destroy an armoured personnel carrier near Tabqah, to the west of Raqqah.	Reaper	Syria	1 Hellfire missile	Armoured personnel carrier
25 May 2017	Two flights of Tornados patrolled over Mosul, where they conducted Paveway IV attacks on two medium machine-gun positions and three other Daesh-held buildings.	Tornado	Iraq	Paveway IV guided bombs	2 ISIS positions, 3 ISIS buildings
25 May 2017	A mixed Tornado/Typhoon pair used a Brimstone missile to destroy an armoured truck some 30 miles north-west of Bayji.	Tornado / Typhoon	Iraq	1 Brimstone	Armoured truck
26 May 2017	The following day, Tornados used two Paveways to crater roads in west Mosul to hamper any attempt by Daesh to move truck-bombs against the latest Iraqi advance.	Tornado	Iraq	2 Paveway IV guided bombs	Crater roads
27 May 2017	Tornados and Typhoons continued operations over Mosul on Saturday 27 May; a Paveway IV eliminated a Daesh light machine-gun team, whilst a truck-bomb was destroyed with a Brimstone missile.	Tornado / Typhoon	Iraq	1 Paveway IV guided bomb, 1 Brimstone missile	Machine gun, truck bomb
28 May 2017	On Sunday 28 May, Brimstone-armed Tornados successfully attacked three terrorist positions in Mosul whilst a Paveway IV from a Typhoon accounted for a fourth.	Tornado	Iraq	Brimstone missiles, 1 Paveway IV guided bomb	4 ISIS positions
29 May 2017	Mixed pairs of Tornados and Typhoons struck four Daesh positions in Mosul on Monday 29 May, including two defended with heavy machine-guns and rocket-propelled grenades, as well as	Tornado / Typhoon	Iraq	?	4 ISIS positions, road block

	demolishing a large road block built by the terrorists.				
31 May 2017	On Wednesday 31 May, Typhoon FGR4s, armed with Paveway IV guided bombs, demolished a terrorist-held building to the west of Raqqa.	Typhoon	Syria	Paveway IV guided bomb	ISIS building
31 May 2017	Mixed formations of Tornado GR4s and Typhoons patrolled over Mosul, where they used two Brimstone missiles to engage Daesh positions which Iraqi security forces had encountered.	Tornado / Typhoon	Iraq	2 Brimstone missiles	2 ISIS positions
01 Jun 2017	The following day, three flights of Tornados and Typhoons struck a total of nine targets inside west Mosul; Brimstone missiles dealt with a heavy machine-gun and a mortar, whilst Paveway IVs silenced another mortar and hit five machine-gun positions and a sniper team.	Tornado / Typhoon	Iraq	Paveway IV guided bombs, Brimstone missiles	6 Machine guns, sniper, 2 mortars
02 Jun 2017	A mixed Tornado and Typhoon pair used a Brimstone to destroy an armoured truck moving along a main road on the outskirts of Raqqa on Friday 2 June.	Tornado / Typhoon	Syria	Brimstone missile	Armoured truck
02 Jun 2017	Two other flights operated over Mosul, where attacks were delivered in very close support to the Iraqi forces, hitting eight Daesh positions with a mix of Brimstones and Paveway IVs. The targets included three machine-gun teams and three groups of terrorists armed with rocket-propelled grenades. In addition, a truck-bomb, concealed close to one of the positions, was also fortuitously detonated by one of the attacks.	Tornado / Typhoon	Iraq	Brimstone missiles, Paveway IV guided bombs	8 ISIS positions
03 Jun 2017	A Reaper, operating south of Al Qaim in western Iraq on Saturday 3 June, observed a group of dismounted terrorists, with an armed truck close by. One Hellfire missile killed several of the terrorists, a second destroyed the vehicle with a direct hit.	Reaper	Syria	Hellfire missile	ISIS fighters, armed truck
03 Jun 2017	West of Kirkuk, a pair of Tornados used a Paveway IV to destroy a Daesh strongpoint,	Tornado	Iraq	Paveway IV guided bomb	ISIS strongpoint
03 Jun 2017	Two mixed pairs of Tornados and Typhoons delivered five attacks in Mosul with four Brimstones and a Paveway against a truck-bomb, three sniper teams and a group with rocket-propelled grenades.	Tornado / Typhoon	Iraq	4 Brimstone missiles, 1 Paveway IV guided bomb	Truck bomb, 3 sniper teams, ISS fighters
04 Jun 2017	A further mixed pair conducted three further attacks in Mosul on Sunday 4 June, using a Brimstone to deal with a sniper, and two Paveway IVs against a pair of Daesh-held buildings from which fire was being directed at Iraqi troops.	Tornado / Typhoon	Iraq	Brimstone, 2 Paveway IV guided bombs	Sniper, 2 ISIS buildings
05 Jun 2017	On Monday 5 June, two Typhoons, supporting Syrian Democratic Forces close to Raqqa, used a Paveway IV to strike a Daesh-held building in the east of the city itself.	Typhoon	Syria	Paveway IV guided bomb	ISIS building
05 Jun 2017	Tornados meanwhile continued operations over Mosul, and employed a pair of Brimstone missiles to deliver pinpoint attacks on two firing positions located in a large multi-storey building, where the terrorists had stationed a recoilless anti-tank gun and a machine-gun.	Tornado	Iraq	2 Brimstone missiles	Anti-tank gun, machine gun
07 Jun 2017	A Reaper remotely piloted aircraft flew an armed reconnaissance patrol over northern Raqqa on Wednesday 7 June. It observed two extremists	Reaper	Syria	Hellfire missile	IED team

	burying booby-traps along routes into the city. Hellfire missiles were deployed, killing both.				
07 Jun 2017	Some 45 miles south-west of Raqqa, a mixed pair of Tornado and Typhoon fast jets used a Brimstone missile to hit one Daesh-held building. A Paveway IV guided bomb left a second target on fire.	Tornado / Typhoon	Syria	1 Brimstone missile, 1 Paveway IV guided bomb	2 ISIS buildings
09 Jun 2017	On Friday 9 June, Tornados struck a Daesh position in eastern Raqqa.	Tornado	Syria	?	ISIS position
10 Jun 2017	The following day, a Reaper intervened in a fire fight in western Raqqa between the SDF and a group of Daesh fighters. The Reaper hit the latter with a very effective Hellfire missile attack.	Reaper	Syria	Hellfire missile	ISIS fighters
10 Jun 2017	The same day, Paveway-armed Typhoons struck two entrances to a network of tunnels built beneath a factory in the north-east of the city.	Typhoon	Syria	Paveway IV guided bomb	Tunnels
11 Jun 2017	A Tornado flight patrolled the Mosul area on Sunday 11 June, and conducted two attacks. During the first, a Paveway IV was used against a mortar position some 20 miles west of the city. A Brimstone was then used against a Daesh firing point in western Mosul, close to the riverbank.	Tornado	Iraq	1 Paveway IV guided bomb, 1 Brimstone missile	Mortar, ISIS position
11 Jun 2017	A second Tornado flight, and two pairs of Typhoons, operated the same day over Raqqa. Paveway IVs accounted for four sniper positions and a Daesh-held building, while a simultaneous attack with two Brimstones eliminated two firing points in a building on the western edge of the city.	Tornado / Typhoon	Syria	Paveway IV guided bombs, 2 Brimstone missiles	4 Snipers, 2 ISIS buildings
12 Jun 2017	Royal Air Force Tornados patrolled over west Mosul. Despite Iraqi forces being exceptionally close to a target, a Tornado was able to use a single Paveway IV guided bomb to destroy a Daesh strong-point.	Tornado	Iraq	1 Paveway IV guided bomb	ISIS strong point
12 Jun 2017	Our aircraft then headed south to an area in the countryside near the small town of Karwi. A truck bomb workshop had been identified in an isolated building, with three of its deadly products parked some distance away. The three truck-bombs were dealt with first. An attack with a pair of Brimstone missiles scored direct hits on two of the vehicles, and the secondary explosions from one of these then set off the third truck-bomb. A Paveway IV was then used to demolish the workshop.	Tornado	Iraq	2 Brimstone missiles, 1 Paveway IV guided bomb	3 truck bombs, truck bomb workshop
14 Jun 2017	A mixed pair of a Tornado and a Typhoon provided further assistance to the Iraqi forces in west Mosul, striking two terrorist-held buildings with Paveway IVs. Before returning to base at RAF Akrotiri, the aircraft struck a third Daesh building, some 24 miles west of Kirkuk.	Tornado / Typhoon	Iraq	Paveway IV guided bombs	3 ISIS buildings
15 Jun 2017	Reaper remotely piloted aircraft conducted armed reconnaissance in eastern Syria, some 35 miles northeast of Dayr az Zawr, and used a Hellfire missile to destroy a terrorist truck.	Reaper	Syria	1 Hellfire missile	Vehicle
15 Jun 2017	Two Typhoons also struck three Daesh positions in Raqqa in support of the offensive by the Syrian Democratic Forces (SDF).	Typhoon	Syria	?	3 ISIS positions
15 Jun 2017	Elsewhere, two mixed pairs of Tornados and Typhoons operated over northern Iraq. A Daesh	Tornado / Typhoon	Iraq	Paveway IV guided bombs,	Mortar, 6 ISIS positions

	mortar was engaged east of Tal Afar, while six positions in Mosul, including machine-gun and sniper teams, were struck using a mixture of Paveway IVs and Brimstones.			Brimstone missiles	
16 Jun 2017	Typhoons were again in action over Raqqa, when they bombed two further Daesh positions. Typhoons and Tornados, flying as mixed pairs, employed one Brimstone missile and four Paveway IVs to eliminate two machine-gun teams and three other Daesh strongpoints.	Tornado / Typhoon	Syria	Brimstone missiles, 4 Paveway IV guided bombs	2 ISIS positions. 2 machine guns, 3 strongpoints
17 Jun 2017	Tornados and Typhoons suppressed a Daesh position in Raqqa, and struck six more positions in Mosul, again using a Brimstone and Paveway IV mix to deal with snipers and a machine-gun team.	Tornado / Typhoon	Syria	Brimstone missiles, Paveway IV guided bombs	6 ISIS positions
18 Jun 2017	A Reaper patrolled over Raqqa. Its crew successfully spotted a Daesh mortar team and provided targeting assistance to a coalition air strike against them. The Reaper's crew then used Hellfire missiles to destroy a car-bomb and a second mortar team who were spotted in the act of firing at the SDF.	Reaper	Syria	Hellfire missiles	Car bomb, mortar team
18 Jun 2017	The same day, Tornados and Typhoons were very active over Mosul. A Brimstone was used to target a group of terrorists engaged in a close-quarters firefight with Iraqi troops, while Paveways accounted for nine more targets, including two machine-gun teams, multiple snipers, and extremists armed with rocket-propelled grenades.	Tornado / Typhoon	Iraq	Brimstone missiles, Paveway IV guided bombs	Groups of ISIS fighters, machine guns, snipers
19 June 2017	Flights of Royal Air Force Tornados and Typhoons operated over northern Iraq on Monday 19 June in support of the Iraqi security forces. Our aircraft conducted attacks in Mosul with Paveway IV guided bombs against six Daesh positions which the Iraqi forces had encountered, including a group of snipers and four machine-gun teams.	Tornado / Typhoon	Iraq	Paveway IV guided bombs	6 ISIS positions
19 June 2017	Thirty miles west of Kirkuk, a Daesh weapons stockpile was also destroyed by a Paveway IV.	Tornado / Typhoon	Iraq	Paveway IV guided bombs	Weapons stockpile
21 Jun 2017	On Wednesday 21 June, a pair of Typhoons assisted Syrian Democratic Forces (SDF) in Raqqa. Two buildings held by extremist fighters were hit with Paveway IVs.	Typhoon	Syria	Paveway IV guided bombs	2 ISIS buildings
21 Jun 2017	In Mosul, a Tornado flight used a Brimstone missile to destroy safely a car bomb spotted by the Iraqi ground forces. The Tornado flight then used a Paveway IV to eliminate a medium machine-gun team.	Tornado	Iraq	Brimstone missile, Paveway IV guided bombs	Car bomb, machine gun
21 Jun 2017	A mixed Tornado and Typhoon pair were also active that day over the city. A Brimstone attack was directed at a mortar position, while Paveways were used against three Daesh strongpoints, including two housing machine-guns.	Tornado / Typhoon	Iraq	Brimstone missile, Paveway IV guided bombs	Mortar, 3 ISIS strongpoints
22 Jun 2017	On Thursday 22 June, Tornados and Typhoons conducted attacks with Paveway IVs against six Daesh targets in western Mosul, with some strikes being called in by Iraqi forces positioned extremely close to the terrorist locations. Four machine-gun teams were amongst the threats successfully dealt with by our aircraft.	Tornado / Typhoon	Iraq	Paveway IV guided bombs	6 ISIS targets inc. 4 machine guns
23 Jun 2017	The next day, a mixed Tornado and Typhoon pair used two Paveway IVs to target successfully a large group of Daesh fighters operating with a	Tornado / Typhoon	Syria	Paveway IV guided bombs	ISIS fighters, truck bomb, armoured

	truck-bomb and an armoured personnel carrier in Raqqa				personnel carrier
23 Jun 2017	In Mosul a Tornado flight conducted three precision attacks with Brimstone missiles on sniper positions.	Tornado	Iraq	Brimstone missiles	Sniper positions
24 Jun 2017	In similar fashion, a pair of Paveway IV-armed Tornados eliminated a terrorist sniper team in Raqqa on Saturday 24 June.	Tornado	Syria	?	Sniper team
25 Jun 2017	Operations against groups of Daesh extremists outside of Raqqa and Mosul have also been maintained, and on Sunday 25 June, Tornados attacked a headquarters and mortar position in eastern Syria, some 55 miles north-east of Dayr az Zawr.	Tornado	Syria	?	ISIS HQ, mortar position
26 Jun 2017	Careful intelligence analysis allowed a building on the outskirts of Al Mayadin, in eastern Syria, to be identified as a truck-bomb workshop. A flight of Royal Air Force Tornados struck the target, scoring a direct hit with a Paveway IV guided bomb which left the building ablaze.	Tornado	Syria	Paveway IV guided bomb	Truck bomb workshop
26 Jun 2017	Two mixed pairs of Tornados and Typhoons, supported by a Voyager air refuelling tanker, meanwhile provided close air support to the Syrian Democratic Forces (SDF) pushing into Raqqa and to the Iraqi troops clearing remaining Daesh positions in west Mosul. A Brimstone missile accounted for a sniper team in Raqqa...	Tornado / Typhoon	Syria	Brimstone missile	Sniper team
26 Jun 2017	... and a Paveway similarly dealt with snipers in Mosul.	Tornado / Typhoon	Iraq	Paveway IV guided bomb	Sniper team
28 Jun 2017	Two Tornado flights operated over Raqqa. At the north-western end of the city, at least one suicide bomber was known to be waiting inside a Daesh-held building, waiting for an opportunity to attack the SDF as they closed in. The building and the terrorists inside were struck with a Paveway IV. A second such weapon demolished a building in the east, from where heavy fire had been directed at the SDF. This successful strike allowed the SDF to resume their advance.	Tornado	Syria	2 Paveway IV guided bombs	2 ISIS building
29 Jun 2017	A flight of Typhoons used a Paveway IV to silence a sniper team which had been firing on the SDF in eastern Raqqa.	Typhoon	Syria	Paveway IV guided bomb	Sniper team
29 Jun 2017	The same day, a pair of Tornados conducted a simultaneous Paveway attack on a group of three buildings, all occupied by Daesh extremists, in the south-east of the city.	Tornado	Syria	Paveway IV guided bombs	3 ISIS buildings
29 Jun 2017	Another Tornado pair meanwhile supported Iraqi troops clearing remaining Daesh positions in the Old City in west Mosul. Our aircraft used Paveway IVs to deliver two successful attacks on strongpoints, using great precision with their munitions, given the extreme proximity of the Iraqi troops to the Daesh firing points	Tornado	Iraq	Paveway IV guided bombs	2 strongpoints
30 Jun 2017	Royal Air Force Tornados and Typhoons provided close air support to Syrian Democratic Forces (SDF) pushing into Raqqa on Friday 30 June. The Typhoons worked closely with a coalition surveillance aircraft which had spotted a large truck-bomb. A direct hit from a Paveway IV removed the threat. A Tornado pair meanwhile	Tornado / Typhoon	Syria	Paveway IV guided bombs	Truck bomb, ISIS building

	bombed a Daesh-held building in the south-east of the city.				
01 Jul 2017	A Reaper remotely piloted aircraft patrolled over Raqqa on Saturday 1 Jul. A mortar was reported firing on the SDF, and the Reaper's crew spotted its muzzle flashes from a position concealed beneath a tree. A Hellfire missile destroyed the target.	Reaper	Syria	1 Hellfire missile	Mortar
01 Jul 2017	Typhoons were also active over the city, where they used a Paveway IV to silence a heavy machine-gun which was holding up an SDF advance.	Typhoon	Syria	Paveway IV guided bomb	Machine gun
01 Jul 2017	In northern Iraq, two Tornados assisted the Iraqi troops clearing remaining pockets of Daesh resistance in west Mosul. Paveway IVs were used to destroy two strongpoints from which the Daesh fighters were directing fire. The Tornados then responded to reports of a heavy machine-gun team and a group of suicide bombers preparing to attack the Iraqis – a third position was duly destroyed with a Paveway IV.	Tornado	Iraq	Paveway IV guided bombs	3 strongpoints
02 Jul 2017	On Sunday 2 Jul, mixed pairs of Tornados and Typhoons operated over both Mosul and Raqqa. In Mosul, the Iraqi ground forces encountered three groups of snipers – all three positions, plus another Daesh-held building, were successfully struck with Paveways.	Tornado / Typhoon	Iraq	Paveway IV guided bombs	3 Sniper positions, ISIS building
02 Jul 2017	In similar fashion, Paveway IVs were used against two terrorist firing points in Raqqa.	Tornado / Typhoon	Syria	Paveway IV guided bombs	2 positions
03 Jul 2017	Two Royal Air Force Reaper remotely piloted aircraft conducted armed reconnaissance over Raqqa on Monday 3 July. One assisted Syrian Democratic Forces (SDF) who had come under attack from a heavy machine-gun on the top floor of a building. A Hellfire missile through the building's roof silenced the terrorist fire. The second Reaper used two Hellfire missiles in a successful attack on a Daesh headquarters for foreign fighters.	Reaper	Syria	3 Hellfire missile	Machine gun. ISIS HQ
03 Jul 2017	A mixed Tornado and Typhoon pair were also active over the city. The SDF, advancing into the centre of Raqqa, encountered a strongly defended building. Our aircraft demolished it with a single Paveway IV guided bomb.	Tornado / Typhoon	Syria	1 Paveway IV guided bomb	ISIS building
03 Jul 2017	Two flights of Tornados operated over northern Iraq the same day. One flight used three Paveway IVs to destroy a group of three workshops producing truck-bombs near Hawijah.	Tornado	Iraq	3 Paveway IV guided bombs	3 truck bomb workshops
03 Jul 2017	The second flight supported Iraqi troops in the Old City of Mosul, and conducted strikes with Paveways and Brimstone missiles on seven Daesh positions, including six machine-gun teams.	Tornado	Iraq	Paveway IV guided bombs, Brimstone missiles	7 ISIS positions
05 Jul 2017	Typhoons continued to support the Iraqi troops in west Mosul on Wednesday 5 July. Exceptionally careful coordination was needed given the very short distances between the Iraqi forces and the Daesh positions, but the two Typhoons were able to destroy seven strongpoints, including two with medium machine-guns, each struck by a Paveway IV.	Typhoon	Iraq	7 Paveway IV guided bombs	7 strongpoints

05 Jul 2017	Tornados kept watch over the latest SDF advances in Raqqa, and used a Paveway IV to deal with a sniper team.	Tornado	Syria	Paveway IV guided bomb	Sniper team
06 Jul 2017	Two Royal Air Force Typhoons, armed with Paveway IV bombs, operated over Raqqa on Thursday 6 Jul. Syrian Democratic Forces (SDF) encountered a large building on the southern edge of the city, close to the bank of the Euphrates, which was heavily defended by Daesh extremists. Two Paveways struck the building and brought an end to the terrorists' activity.	Typhoon	Syria	2 Paveway IV guided bombs	ISIS building
06 Jul 2017	A mixed pair of a Typhoon and a Tornado were also active over Raqqa, and these aircraft bombed a sniper position which had been firing persistently at the SDF.	Tornado / Typhoon	Syria	?	Sniper
06 Jul 2017	A second mixed Tornado/Typhoon pair provided similar support to the Iraqi forces clearing the Old City in Mosul. Attacks with Brimstone missiles dealt with three Daesh positions, whilst a Paveway IV was used to destroy a medium machine-gun team.	Tornado / Typhoon	Iraq	Brimstone missiles, 1 Paveway IV bomb	3 ISIS positions, machine gun
07 Jul 2017	Tornados flew further missions over Mosul on Friday 7 Jul, delivering two Paveway IV attacks which eliminated a sniper team and another group of terrorists firing on Iraqi troops.	Tornado	Iraq	Paveway IV guided bombs	Sniper team, ISIS fighters
07 Jul 2017	Further south in Iraq, a Daesh-held building had been identified in the countryside some 25 miles north-west of Bayji, with an armed truck hidden inside. Tornados demolished the building with a direct hit from a Paveway IV.	Tornado	Iraq	1 Paveway IV guided bomb	ISIS building
07 Jul 2017	Two more such weapons were used in attacks by Typhoons on a pair of defensive positions which the SDF had come up against in Raqqa.	Typhoon	Syria	2 Paveway IV guided bombs	2 ISIS positions
08 Jul 2017	Over the weekend, RAF aircraft provided very close support to Iraqi troops as they fought to clear a cluster of Daesh-held buildings near to the west bank of the Tigris, the last significant pocket of terrorist control in Mosul. On Saturday 8 July, Typhoons conducted attacks with four Paveway IVs, eliminating a light machine-gun position and three other terrorist strongpoints.	Typhoon	Iraq	4 Paveway IV guided bombs	Machine gun, 3 ISIS positions
08 Jul 2017	Tornados meanwhile continued to support the SDF in Raqqa, striking a Daesh position there.	Tornado	Syria	?	ISIS position
09 Jul 2017	Typhoons hit a further target in Raqqa on Sunday 9 Jul.	Typhoon	Syria	?	ISIS target
09 Jul 2017	Two mixed pairs of Tornados and Typhoons assisted the Iraqis as they fought at very close quarters in Mosul; our aircraft dealt with two snipers and two Daesh-held buildings.	Tornado / Typhoon	Iraq	?	2 snipers, 2 ISIS buildings
12 Jul 2017	Following their success in liberating Mosul from Daesh control, Iraqi security forces have continued operations to hunt down any residual terrorist presence in the west of the city. A mixed Tornado and Typhoon provided support on Wednesday 12 July, and delivered successful attacks with Paveway IV guided bombs on three buildings from which terrorists had been attempting to prolong the fight.	Tornado / Typhoon	Iraq	Paveway IV guided bombs	3 ISIS buildings

12 Jul 2017	Over Raqqa, a second mixed Tornado and Typhoon pair flew overwatch as the Syrian Democratic Forces continued their advance through the city; our aircraft used Paveway IVs to engage three Daesh positions which opened fire on the SDF, and successfully silenced each threat in turn.	Tornado / Typhoon	Syria	Paveway IV guided bombs	3 ISIS positions
13 Jul 2017	On Thursday 13 July, two Tornados used a Paveway IV guided bomb to destroy a building occupied by extremists on the west bank of the Tigris, in the Old City of Mosul.	Tornado	Iraq	1 Paveway IV guided bomb	ISIS building
14 Jul 2017	With Mosul largely liberated, the major focus for RAF missions has been to assist the Syrian Democratic Forces fighting in Raqqa. Two Typhoons used a Paveway IV on Friday 14 Jul to destroy the entrance to a tunnel dug beneath an area in the west of the city.	Typhoon	Syria	1 Paveway IV guided bomb	Tunnel
15 Jul 2017	The following day, Tornados and Typhoons utilised eleven Paveway IV bombs against mortar positions in Raqqa.	Tornado / Typhoon	Syria	11 Paveway IV guided bombs	Mortar positions
15 Jul 2017	A pair of Tornados used a Brimstone missile against a sniper holding out in western Mosul.	Tornado	Iraq	Brimstone missile	Sniper
16 Jul 2017	In the course of surveillance over Raqqa on Sunday 16 July, a Reaper delivered a Hellfire missile attack which killed a small group of terrorists armed with rocket-propelled grenades, who had been firing on the Syrian Democratic Forces from a rooftop.	Reaper	Syria	Hellfire missile	ISIS fighters
16 Jul 2017	Tornados and Typhoons were also very active over the city, and used a Brimstone missile to attack one terrorist firing point, and Paveway IVs to deal with three sniper teams and two other positions defended by Daesh extremists.	Tornado / Typhoon	Syria	1 Brimstone missile, Paveway IV guided bombs	3 snipers, 2 ISIS positions
19 Jul 2017	In northern Iraq, intelligence had identified a warehouse near Hawijah in which large quantities of homemade explosives were being stored by Daesh. A flight of RAF Tornados attacked the building with two Paveway IV guided bombs, and demolished it on Wednesday 19 Jul.	Tornado	Iraq	2 Paveway IV guided bombs	Explosives
19 Jul 2017	A mixed pair of one Tornado and one Typhoon meanwhile provided close air support to the Syrian Democratic Forces (SDF) fighting to clear the terrorists from Raqqa. A coalition surveillance aircraft identified a Daesh defensive position, and our aircraft conducted a successful attack with a Brimstone missile. A terrorist command post was also identified within the city, and this was struck with two Paveway IVs.	Tornado / Typhoon	Syria	1 Brimstone missile, 2 Paveway IV guided bombs	ISIS position. ISIS command post
20 Jul 2017	Operations over Raqqa continued on Thursday 20 July, when a Typhoon mission assisted SDF engaged in combat with a group of extremists firing from a building; this was hit with a single Paveway IV which eliminated the threat to the SDF.	Typhoon	Syria	1 Paveway IV guided bomb	ISIS fighters
20 Jul 2017	In northern Iraq, coalition surveillance aircraft had located a number of terrorists on a wooded island in the Tigris, several miles south of Qayyarah, along with their transport – a boat and two vehicles – on the riverbanks. Two Tornados bombed the terrorists on the island with a pair of Paveway IVs, whilst a mixed Tornado and	Tornado / Typhoon	Iraq	Brimstone missiles, 2 Paveway IV guided bombs	ISIS fighters, boat, vehicles

	Typhoon pair destroyed the boat and vehicles with Brimstone missiles.				
21 Jul 2017	On Friday 21 July, a pair of Tornados bombed the top of a grain silo in Raqqa, where a group of Daesh were stationed in a combined observation and sniper post.	Tornado	Syria	?	Sniper post
21 Jul 2017	In western Iraq, a mixed Tornado and Typhoon pair used a Brimstone missile to eliminate an anti-aircraft machine gun that was concealed under cover, south-east of Rawah.	Tornado / Typhoon	Iraq	1 Brimstone missile	Anti-aircraft gun
21 Jul 2017	Our aircraft then flew north-east to an area south of Qayyarah, where a coalition surveillance aircraft was keeping watch on a truck armed with a recoilless anti-tank gun. This was destroyed using a Brimstone.	Tornado / Typhoon	Iraq	1 Brimstone missile	Anti-tank gun
22 Jul 2017	The following day, a Tornado mission used a single Paveway IV to destroy an engineering vehicle which terrorists had attempted to conceal some miles north of Tall Afar.	Tornado	Iraq	1 Paveway IV guided bomb	Engineering vehicle
23 Jul 2017	On Sunday and Monday, the RAF operations focused on supporting the SDF in Raqqa. On 23 July, three flights of Tornados and Typhoons conducted missions over the city, in which they delivered successful attacks on six Daesh positions, using Paveways IV bombs and Brimstone missiles.	Tornado / Typhoon	Syria	Brimstone missiles, Paveway IV guided bombs	6 ISIS positions
24 Jul 2017	Three more Paveway IVs were dropped on 24 Jul, targeting a further three terrorist firing points.	Tornado / Typhoon	Syria	3 Paveway IV guided bombs	ISIS positions
31 Jul 2017	Royal Air Force Tornado / Typhoon and Reaper aircraft have continued to fly daily armed reconnaissance missions against Daesh over Syria and Iraq, and have delivered a number of air strikes against terrorist targets in Raqqa. On Monday 31 July, two flights of Typhoons, based at RAF Akrotiri, delivered successful attacks with Paveway IV guided bombs against a defensive position from which Daesh were firing on the Syrian Democratic Forces (SDF), and against two sniper teams.	Typhoon	Syria	Paveway IV guided bombs	ISIS position, 2 sniper teams
02 Aug 2017	Typhoons provided further close air support to the SDF on Wednesday 2 August; they found themselves coming under sustained heavy machine-gun and sniper fire from a building in Raqqa, but were able to pinpoint the Daesh position, allowing our aircraft to attack with a Paveway IV.	Typhoon	Syria	Paveway IV guided bomb	ISIS building
04 Aug 2017	An improvised ammunition factory had been identified in a large single-storey building in Raqqa, and this was struck with two Paveway IVs from Typhoons on Friday 4 August. The Typhoons then conducted two further strikes with Paveways against sniper positions, while a second Typhoon flight dealt with a third sniper team.	Typhoon	Syria	Paveway IV guided bombs	Ammunition factory, 3 sniper positions
09 Aug 2017	A Typhoon flight saw action over Raqqa on Wednesday 9 August; the Syrian Democratic Forces reported coming under fire from a large building against which our aircraft conducted a successful attack using two Paveway IV guided bombs.	Typhoon	Syria	2 Paveway IV guided bombs	ISIS building

10 Aug 2017	The following day, a mixed Tornado and Typhoon pair operated over northern Iraq. A terrorist mortar team was identified near Tal Afar, and struck with a Paveway IV.	Tornado / Typhoon	Iraq	1 Paveway IV guided bomb	Mortar team
10 Aug 2017	In Raqqa, the Syrian Democratic Forces encountered a Daesh defensive position, but this was dealt with, again using a Paveway IV, by a second mixed Tornado and Typhoon pair.	Tornado / Typhoon	Syria	1 Paveway IV guided bomb	ISIS position
11 Aug 2017	On Friday, a mixed pair continued to provide support to the SDF and destroyed a further defensive position in Raqqa with a Paveway.	Tornado / Typhoon	Syria	1 Paveway IV guided bomb	ISIS position
12 Aug 2017	Typhoons maintained a presence over Raqqa over the weekend, destroying a Daesh headquarters building on Saturday 12 August.	Typhoon	Syria	?	ISIS building
13 Aug 2017	[Typhoons] then conducting attacks on Sunday which eliminated three more terrorist positions in the city, including a strongpoint adjacent to the now-abandoned Daesh "Immigration Office", and machine-gun and mortar teams.	Typhoon	Syria	?	3 ISIS positions
14 Aug 2017	A flight Typhoons destroyed a Daesh position in Raqqa on Monday 14 August with Paveway IVs.	Typhoon	Syria	Paveway IV guided bombs	ISIS position
14 Aug 2017	A mixed Tornado and Typhoon pair also patrolled over the city and they conducted Paveway IV attacks, which destroyed a sniper team and two machine-guns.	Tornado / Typhoon	Syria	Paveway IV guided bombs	Sniper team, 2 machine guns
14 Aug 2017	The aircraft moved off towards the east of Syria, where a command post that was controlling truck-bomb attacks had been identified 40 miles south of Al Hasakah. This was destroyed with a further Paveway.	Tornado / Typhoon	Syria	1 Paveway IV guided bomb	Command post
16 Aug 2017	Typhoons bombed another Daesh position in Raqqa on Wednesday 16 August.	Typhoon	Syria	?	ISIS position
16 Aug 2017	Tornados struck a mortar near Kisik in northern Iraq.	Tornado	Iraq	?	Mortar
17 Aug 2017	With the Iraqi forces advancing on Tal Afar, a mixed Tornado and Typhoon pair provided close air support on Thursday 17 August. A coalition surveillance aircraft spotted a terrorist mortar, and was able to guide our aircraft into a successful attack with a Paveway IV.	Tornado / Typhoon	Iraq	1 Paveway IV guided bombs	Mortar
17 Aug 2017	A second mixed pair maintained operations over Raqqa, and used Paveways to destroy one sniper and two machine-gun teams.	Tornado / Typhoon	Syria	Paveway IV guided bombs	Sniper, 2 machine-guns
18 Aug 2017	On Friday 18 August, Tornados were tasked with the destruction of a heavily booby-trapped building discovered in eastern Syria, south of Al Hasakah, which was too dangerous to approach. The building was destroyed with a Paveway which safely detonated the concealed explosives.	Tornado	Syria	1 Paveway IV guided bombs	Booby-trapped building
18 Aug 2017	Over Raqqa, a mixed pair of aircraft silenced a sniper firing on the Syrian Democratic Forces.	Tornado / Typhoon	Syria	?-	Sniper
19 Aug 2017	A Typhoon flight faced a challenging target on Saturday 19 August – a fast-moving truck carrying a group of terrorists across the desert in Iraq, west of Bayji. Despite the vehicle's speed, a	Typhoon	Iraq	1 Paveway IV guided bomb	ISIS fighters, vehicle

	Paveway IV was guided accurately onto the target, destroying it.				
19 Aug 2017	Tornados continued to provide close air support to the Syrian Democratic Forces in Raqqa, destroying a terrorist stronghold.	Tornado	Syria	?-	Strongpoint
20 Aug 2017	On Sunday 20 August, Typhoons bombed a further Daesh position in Raqqa.	Typhoon	Syria	?	Strongpoint
20 Aug 2017	In eastern Syria, Tornados targeted a group of terrorists deployed near the border with Iraq – two Paveways hit their trucks and killed several of the extremists.	Tornado	Syria	2 Paveway IV guided bombs	ISIS fighters, vehicle
20 Aug 2017	Meanwhile, two mixed flights of Tornados and Typhoons assisted the Iraqi forces around Tall Afar; Paveway IVs destroyed two mortar and rocket teams, an anti-tank missile team, and a group armed with rocket-propelled grenades, whilst a Brimstone missile accounted for a small group of terrorists caught manoeuvring in the open.	Tornado / Typhoon	Iraq	Paveway IV guided bombs, 1 Brimstone missile	2 Mortar teams, ISIS fighters
21 Aug 2017	Two mixed pairs of Royal Air Force Typhoons and Tornados supported Iraqi forces fighting around Tal Afar in northern Iraq on Monday 21 August. East of the city, Brimstone missiles were used to destroy two pick-up trucks carrying terrorists, while an attack with a Paveway IV guided bomb destroyed a car-bomb to the south-west.	Tornado / Typhoon	Iraq	Brimstone missiles, 1 Paveway IV guided bomb	2 vehicles, car bomb
23 Aug 2017	On Wednesday 23 August, a Typhoon flight used Paveway IVs to destroy two defensive positions in Raqqa, from which Daesh extremists were firing on the Syrian Democratic Forces.	Typhoon	Syria	Paveway IV guided bombs	2 ISIS positions
23 Aug 2017	Tornados bombed two groups of terrorists spotted on foot to the north-east of Tal Afar,	Tornado	Iraq	?	2 groups ISIS fighters
23 Aug 2017	A mixed flight used a Brimstone to destroy an armed truck hidden under a building's overhang on the western edge of the city.	Tornado / Typhoon	Iraq	1 Brimstone missile	Armed truck
24 Aug 2017	Typhoons and Tornados struck a further four positions in Raqqa with Paveways, including a sniper and a machine-gun team.	Tornado / Typhoon	Syria	Paveway IV guided bombs	4 ISIS positions
24 Aug 2017	Typhoons and Tornados were also very busy around Tal Afar: Paveway IVs were used to target one large and two small buildings comprising a truck-bomb factory, and five other positions from which terrorists armed with suicide vests, rocket propelled grenades, a mortar and a heavy machine-gun were operating. In addition, two Brimstone missiles were fired successfully at a truck-bomb, and a mechanical excavator used to construct defensive positions.	Tornado / Typhoon	Iraq	Paveway IV guided bombs, 2 Brimstone missiles	Truck bomb factory, 5 ISIS positions, truck bomb, excavator
25 Aug 2017	A mixed Typhoon and Tornado pair delivered three further Paveway attacks in Tal Afar on Friday 25 August, hitting two mortar teams and a Daesh-held building.	Tornado / Typhoon	Iraq	Paveway IV guided bombs	2 mortar teams, ISIS building
25 Aug 2017	Over Raqqa, our aircraft continued to support the Syrian Democratic Forces, and used Paveway IVs against two sniper positions and another terrorist stronghold.	Tornado / Typhoon	Syria	Paveway IV guided bombs	2 sniper positions, stronghold

26 Aug 2017	The focus for RAF missions remained on Raqqa over the weekend. A mixed flight bombed four sniper teams there on Saturday 26 August,	Tornado / Typhoon	Syria	?	4 sniper teams
27 Aug 2017	On Sunday, three RAF flights used Paveway IVs to attack a total of ten Daesh positions in the city.	Tornado / Typhoon	Syria	Paveway IV guided bombs	10 ISIS positions
28 Aug 2017	Raqqa operations continued on Monday 28 August, when Typhoons hit three more terrorist-held buildings.	Typhoon	Syria	?	3 ISIS buildings
28 Aug 2017	In Iraq, Iraqi forces engaged Daesh forces positioned several miles north of Tal Afar, and our aircraft provide close air support, conducting attacks on ten buildings occupied by the extremists.	Tornado / Typhoon	Iraq	?	10 ISIS buildings
30 Aug 2017	Three flights of Royal Air Force Tornados and Typhoons provided close air support on Wednesday 30 August to the Syrian Democratic Forces fighting to liberate Raqqa from Daesh control. Five attacks were successfully conducted, which eliminated three sniper positions, a light machine-gun team, and a group of extremists armed with rocket-propelled grenades. Each of the attacks required careful planning and execution by our aircrew, given the proximity of the Syrian Democratic Forces to the desired targets.	Tornado / Typhoon	Syria	?	3 sniper positions. Machin-gun, ISIS fighters
01 Sep 2017	Typhoons continued operations over Raqqa on Friday 1 September, when they used a Paveway IV to destroy a Daesh held building from which fire was being directed at the Syrian Democratic Forces.	Typhoon	Syria	1 Paveway IV guided bomb	ISIS building
01 Sep 2017	A mixed Tornado and Typhoon pair conducted reconnaissance before joining a coalition strike on a large, dispersed terrorist site near Al Qaim in western Iraq. The RAF targets at the complex were accommodation and storage blocks, and an anti-aircraft position. All three were struck by Paveway IVs.	Tornado / Typhoon	Iraq	Paveway IV guided bombs	ISIS complex
02 Sep 2017	On Saturday 2 September, Typhoons patrolled over eastern Syria, and used a Paveway to attack a lorry and trailer being used by Daesh some twelve miles south-east of As Shadaddi, close to the border with Iraq.	Typhoon	Syria	1 Paveway IV guided bomb	ISIS vehicle
02 Sep 2017	Royal Air Force Typhoons, supported by a Voyager air refuelling tanker, flew close air support for the Syrian Democratic Forces as they continued to battle Daesh inside Raqqa. Our aircraft delivered six attacks with Paveway IV guided bombs against Daesh positions, often having to strike targets very close to the Syrian Democratic Forces, including a heavy machine-gun and two sniper teams.	Typhoon	Syria	Paveway IV guided bombs	6 ISIS positions
06 Sep 2017	Typhoons continued operations over Raqqa on Wednesday 6 September, eliminating a further machine-gun position and a sniper.	Typhoon	Syria	?	Machine-gun, Sniper
07 Sep 2017	On Thursday 7 September, Tornados patrolled over northern Iraq. A couple of miles north-east of Hawijah, a truck carrying a group of extremists was successfully targeted using a Brimstone missile.	Tornado	Iraq	1 Brimstone missile	ISIS fighters, vehicle
07 Sep 2017	Our aircraft were then tasked with the destruction of a fuel depot near Sharqat where Daesh had	Tornado	Iraq	Paveway IV guided bombs	Fuel depot, accommodation

	been spotted refuelling truck-bombs, as well as a nearby accommodation block used by the terrorists. Both were struck with Paveway IVs.				
07 Sep 2017	Over Raqqa, Typhoons flew further close support missions for the Syrian Democratic Forces, bombing successfully a light machine-gun position.	Typhoon	Syria	?	Machine-gun position
08 Sep 2017	A Reaper remotely piloted aircraft conducted armed reconnaissance over a largely desert area some twenty miles north-east of Dayr az Zawr on Friday 8 September. Two terrorists were tracked on a motorcycle as they collected weapons and headed out to set up an apparent ambush position. They were both killed by a single Hellfire missile. Not far away, another small group of terrorists were seen entering a small building, and also eliminated with a Hellfire missile.	Reaper	Syria	Hellfire missile	ISIS pair on motorcycle, ISIS fighters
09 Sep 2017	The following day, another Reaper flew a further patrol in the same area of Syria, and tracked a group of three terrorists on a motorcycle and trailer. The Reaper's crew waited patiently until the targets were in open countryside before firing a Hellfire missile which scored a direct hit.	Reaper	Syria	Hellfire missile	ISIS fighters
11 Sep 2017	A flight of Royal Air Force Tornados supported the Syrian Democratic Forces fighting in Raqqa on Monday 11 September, when Paveway IV guided bombs were used to destroy two sniper positions.	Tornado	Syria	Paveway IV guided bombs	2 sniper positions
11 Sep 2017	A second Tornado flight patrolled north-east of Dayr az Zawr, where they attacked a group of terrorists in a compound with a Paveway IV. Survivors of the attack then attempted to move to another position on a motorcycle, but were successfully engaged with a Brimstone missile.	Tornado	Syria	1 Paveway IV guided bomb, 1 Brimstone missile	ISIS fighters
13 Sep 2017	On Wednesday 13 September, another Reaper continued patrolling near Dayr az Zawr. It used two Hellfire missiles to attack terrorists spotted on foot, then employed a third missile to destroy an armoured truck-bomb positioned next to a main road.	Reaper	Syria	3 Hellfire missiles	ISIS fighters, truck bomb
13 Sep 2017	A mixed Tornado and Typhoon pair meanwhile targeted a group of Daesh in a building nearby, scoring a direct hit with a Brimstone.	Tornado / Typhoon	Syria	1 Brimstone missile	ISIS fighters
14 Sep 2017	Tornados operated over northern Iraq on Thursday 14 September, where significant truck-bomb activity had been detected some miles south of Qayyarah. Four such truck-bombs were destroyed by our aircraft using two Brimstones and two Paveways, and a further two Paveways were used to destroy a workshop producing the booby-trapped vehicles.	Tornado	Iraq	2 Brimstone missiles, 4 Paveway IV guided bombs	4 truck bombs, truck bomb workshop
15 Sep 2017	On Friday 15 September, a Reaper was again very active north-east of Dayr az Zawr; it provided support to coalition airstrikes which destroyed three Daesh-held buildings, then conducted two attacks on its own account with Hellfire missiles against terrorists moving through the area.	Reaper	Syria	Hellfire missiles	ISIS fighters
15 Sep 2017	Nearby, a Typhoon flight bombed a further Daesh-held building.	Typhoon	Syria	?	ISIS building
16 Sep 2017	Operations on Saturday 16 September focused on both northern and western Iraq. In the north, a Typhoon mission destroyed an engineering	Typhoon	Iraq	?	Engineering vehicle

	vehicle being used by the terrorists to construct fieldworks near Az Zawiyah,				
16 Sep 2017	In the west, a pair of Tornados used four Paveway IVs to destroy a Daesh headquarters and a truck-bomb facility in the desert near Rutbah.	Tornado	Iraq	4 Paveway IV guided bombs	ISIS HQ, truck bomb facility
16 Sep 2017	A Brimstone attack by Tornados knocked out an armoured personnel carrier south of Qayyarah.	Tornado	Iraq	Brimstone missile	Armoured personnel carrier
17 Sep 2017	The next day, a Reaper conducted yet another successful attack north-east of Dayr az Zawr, eliminating a truck-bomb with a Hellfire missile,	Reaper	Syria	1 Hellfire missile	Truck bomb
17 Sep 2017	to the south-east, close to the border with Iraq, two Tornados bombed a weapons store near Abu Kamal.	Tornado	Syria	?	Weapons store
18 Sep 2017	A pair of Tornados conducted two attacks on Monday 18 September, using Paveway IV guided bombs to eliminate a mortar team south-east of Sharqat, and a tunnel entrance and nearby heavy machine-gun position northwest of Tikrit.	Tornado	Iraq	Paveway IV guided bombs	Mortar team, tunnel
20 Sep 2017	On Wednesday 20 September, Typhoons successfully bombed a truck carrying mortars some 25 miles north-west of Bayji.	Typhoon	Iraq	?	ISIS vehicle
21 Sep 2017	Typhoons employed two Paveway IVs to destroy a terrorist command post and weapons stockpile in Hawijah,	Typhoon	Iraq	2 Paveway IV guided bombs	ISIS command post, weapons stockpile
21 Sep 2017	a Tornado flight demolished a Daesh strongpoint north-east of Sharqat, then dealt with a second weapons stockpile south of Qayyarah.	Tornado	Iraq	?	ISIS strongpoint, weapons stockpile
22 Sep 2017	The Syrian Democratic Forces fighting in Raqqa also received support, with Paveway-armed Typhoons bombing a sniper team and another terrorist position there on Friday 22 September.	Typhoon	Syria	Paveway IV guided bombs	Sniper team, ISIS position
23 Sep 2017	Typhoons destroyed a truck-bomb west of Hawijah, a terrorist-held building 30 miles west-north-west of Kirkuk, and a mortar team, that was firing on Iraqi forces, in the hills south-west of Zawiyah.	Typhoon	Iraq	?	Truck bomb, ISIS building, mortar team
23 Sep 2017	A second Typhoon flight successfully bombed a weapons stockpile south-east of Hawijah, then conducted a simultaneous attack on four truck-bombs blocking one of the routes of advance towards the town.	Typhoon	Iraq	?	Weapons stockpile, 4 truck bombs
23 Sep 2017	Near Sudayrah, Tornados used one Paveway to destroy a pair of truck-bombs, a second Paveway to knock-out an armed truck, then a third such weapon south-east of Sharqat against a Daesh building.	Tornado	Iraq	3 Paveway IV guided bombs	2 truck bombs, armed truck, ISIS building
23 Sep 2017	Another Tornado flight bombed a command post south-east of Hawijah, then used a combination of Brimstone missiles and Paveway IVs to destroy a shipping container and three truck-bombs blocking other roads into Hawijah.	Tornado	Iraq	Brimstone missiles, Paveway IV guided bombs	Shipping container, 3 truck bombs
24 Sep 2017	On Sunday 24 September, a Reaper kept watch over the area north-east of Dayr az Zawr in Syria, and used a Hellfire missile to destroy a truck-bomb.	Reaper	Syria	1 Hellfire missile	Truck bomb

24 Sep 2017	Over northern Iraq, Tornados demolished a Daesh-held building in Zawiyyah with a Paveway IV.	Tornado	Iraq	1 Paveway IV guided bomb	ISIS building
25 Sep 2017	A Royal Air Force Reaper remotely piloted aircraft patrolled some miles to the north-east of Dayr az Zawr in Syria on Monday 25 September. Its crew tracked two terrorists and conducted a successful attack with a Hellfire missile, then struck a Daesh-held building with a GBU-12 guided bomb. A second Hellfire missile was employed against a group of terrorists on foot, and a third destroyed a truck carrying more extremists.	Reaper	Syria	3 Hellfire missiles, 1 GBU-12 bomb	2 ISIS fighters, ISIS building, fighters, vehicle
25 Sep 2017	Two Typhoons flew a mission in the same area and, assisted by the Reaper, delivered an attack with a Paveway IV guided bomb on a position from which rocket-propelled grenades had been fired.	Typhoon	Syria	1 Paveway IV guided bomb	ISIS position
27 Sep 2017	On Wednesday 27 September, a Reaper continued operations north-east of Dayr az Zawr, where it used a pair of Hellfire missiles against a dispersed group of terrorists armed with rocket propelled grenades.	Reaper	Syria	2 Hellfire missiles	ISIS fighters
27 Sep 2017	In Iraq, Tornados and Typhoons responded to reports of Daesh activity several miles south-east of Ramadi. Two groups of terrorists on foot were hit with Paveway IVs, as was a further group manning a trench. A convoy of trucks carrying a large number of terrorists had also been spotted, and our aircraft tracked down and attacked five of these vehicles using a combination of Paveways and Brimstone missiles.	Tornado / Typhoon	Iraq	Paveway IV guided bombs, Brimstone missiles	ISIS fighters, 5 vehicles
28 Sep 2017	North-east of Dayr az Zawr, a Reaper delivered three attacks on Thursday 28 September: Hellfire missiles hit a sniper team and another group of terrorists, whilst a GBU-12 was used to demolish a Daesh-held building. In northern Iraq,	Reaper	Syria	Hellfire missiles , 1 GBU 12 bomb	Sniper team, ISIS building
28 Sep 2017	Tornados conducted a simultaneous attack with a Paveway IV and a Brimstone on a local terrorist command group who had been identified south of Kirkuk.	Tornado	Iraq	Paveway IV guided bombs Brimstone missiles	ISIS command group
29 Sep 2017	Tornados and Typhoons flew further missions south of Kirkuk the following day, when they hit a number of terrorists concealed in woodland, two entrenched positions, and a Daesh-held building. Our aircraft also used a single Paveway IV to destroy a small headquarters located in the hills to the north-east of Tikrit.	Tornado / Typhoon	Iraq	Paveway IV guided bombs	ISIS positions, building, ISIS HQ
30 Sep 2017	On Saturday 30 September, two Tornados, armed with Paveway IVs, destroyed a truck-bomb factory located on the southern bank of the Euphrates in western Iraq.	Tornado	Iraq	Paveway IV guided bombs	Truck bomb factory
02 Oct 2017	With Syrian Democratic Forces continuing to fight Daesh to the north-east of Dayr az Zawr, a Royal Air Force Reaper remotely piloted aircraft flew overwatch on Monday 2 October. An SDF unit reported being engaged in close combat with several terrorists, and the Reaper's crew intervened, successfully targeting the extremists with a Hellfire missile attack.	Reaper	Syria	1 Hellfire missile	ISIS fighters
04 Oct 2017	A flight of Typhoons supported Iraqi forces as they advanced to liberate Hawijah on Wednesday 4	Typhoon	Iraq	Paveway IV guided bombs	Mortar team, truck bomb

	October. Our aircraft used Paveway IV guided bombs to remove two threats which the Iraqi troops encountered: a terrorist mortar team, and a truck-bomb which was blocking a road to the north-east of the town.				
04 Oct 2017	Meanwhile, a pair of Tornados were tasked to deal with a second truck-bomb which had been positioned by terrorists to the north-east of Bayji. The vehicle was destroyed by a direct hit from a Brimstone missile.	Tornado	Iraq	1 Brimstone missile	Truck bomb
05 Oct 2017	Intelligence had confirmed that a group of three buildings in eastern Syria, some forty miles south-east of Hasakah and close to a border crossing into Iraq, was being used as a base by Daesh. Two Typhoons conducted a carefully planned attack on Thursday 5 October, each of the three buildings being struck with a Paveway IV.	Typhoon	Syria	Paveway IV guided bombs	ISIS base
06 Oct 2017	A Reaper again patrolled north-east of Dayr az Zawr; its crew delivered attacks with Hellfire missiles on three groups of terrorists, including one manning a heavy weapon, and also supported two further strikes by coalition aircraft.	Reaper	Syria	Hellfire missiles	3 groups ISIS fighters
06 Oct 2017	Two Tornados supported the Syrian Democratic Forces inside Raqqa as they cleared remaining terrorist positions in the north-west of the city. Despite the SDF being very close to the target, the Tornados delivered a precision attack with a Paveway on a Daesh group firing from a building.	Tornado	Syria	1 Paveway IV guided bomb	ISIS building
07 Oct 2017	On Saturday 7 October, Typhoons also operated over Raqqa, and bombed three further terrorist positions in the north-west of the city.	Typhoon	Syria	?	3 ISIS positions
09 Oct 2017	Elsewhere, an area some twenty miles north-east of Dayr az Zawr remained a key focus for Royal Air Force Reaper patrols supporting the operations of the SDF in the area. On Monday 9 October, a Reaper spotted a concealed truck-bomb, which allowed a coalition fast jet to destroy it with an accurate strike. The Reaper then dealt with a second such truck-bomb using its own Hellfire missiles, which resulted in a very large secondary explosion when the vehicle was hit, proving the presence of explosives.	Reaper	Syria	Hellfire missiles	Truck bomb
10 Oct 2017	The following day, a further Reaper armed reconnaissance mission identified a terrorist setting up a machine-gun position; he was killed by a Hellfire missile shortly after he opened fire. The Reaper's crew used a second Hellfire missile to destroy an armoured truck manned by several Daesh extremists, again to the north-east of Dayr az Zawr.	Reaper	Syria	2 Hellfire missiles	Machine-gun, armoured truck
12 Oct 2017	On Thursday 12 October, over western Iraq, another Tornado flight dropped four Paveways on a Daesh camp in the desert, some 60 miles south-west of Ramadi.	Tornado	Iraq	4 Paveway IV guided bombs	ISIS camp
12 Oct 2017	Two Tornado GR4s providing close air support to the Syrian Democratic Forces in Raqqah on Thursday 12 October. A Paveway IV guided bomb was deployed to target the upper storeys of a building from which a Daesh sniper was firing, and a second weapon struck another building from which terrorists were engaged in a combat with the SDF.	Tornado	Syria	2 Paveway IV guided bombs	Sniper, ISIS building

13 Oct 2017	A Reaper was again in action north-east of Dayr az Zawr on Friday 13 October; its crew observed a mortar being fired from a compound and scored a direct on the position with a Hellfire missile. The Reaper's crew then provided surveillance support to a coalition air strike on another position in the area.	Reaper	Syria	Hellfire missile	Mortar
14 Oct 2017	On Saturday 14 October, a Reaper successfully engaged one small group of terrorists with a Hellfire missile, then provided support to two air strikes on further extremists operating on foot nearby.	Reaper	Syria	Hellfire missile	ISIS fighters
20 Oct 2017	A Reaper aircraft operated to the north-east of Dayr az Zawr. Observing a group of armed terrorists taking up position in a building ahead of the Syrian Democratic Forces, it fire a single Hellfire missile scoring a direct hit on the building and eliminating the group inside.	Reaper	Syria	1 Hellfire missile	ISIS fighters
25 Oct 2017	A flight of Tornados was alerted to a group of terrorists who had been spotted concealing themselves in a culvert under a road to the south-east of Dayr az Zawr, close to Syrian Democratic Forces. A Paveway IV guided bomb was used in a successful attack on the entrance to the culvert.	Tornado	Syria	1 Paveway IV guided bomb	ISIS fighters
26 Oct 2017	Two Tornados used Paveway IVs to target a pair of buildings, some 20 miles east of Al Qaim in western Iraq, where a number of extremists were present, with stockpiles of weapons. Both buildings were demolished by direct hits	Tornado	Iraq	Paveway IV guided bombs	2 ISIS buildings
27 Oct 2017	A further Tornado patrol in the area of Al Qaim identified a terrorist supply lorry; it was destroyed with a Brimstone missile.	Tornado	Iraq	Brimstone missile	Vehicle
27 Oct 2017	In the Euphrates valley to the west of Ash Shirwaniyah, a second Tornado flight meanwhile used a pair of Paveway IVs to strike a Daesh-held building, then used another Brimstone to knock out an armed truck.	Tornado	Iraq	2 Paveway IV guided bombs, 1 Brimstone missile	ISIS building, armed truck
29 Oct 2017	In western Iraq, two Tornados conducted simultaneous attacks on a command post and a weapons stockpile, both located some five miles south of Husaybah.	Tornado	Iraq	?	Command post, weapons stockpile
29 Oct 2017	Typhoon FGR4s supported the Syrian Democratic Forces south-east of Dayr az Zawr, attacking a terrorist position with a Paveway.	Typhoon	Syria	1 Paveway IV guided bomb	ISIS position
01 Nov 2017	Royal Air Force Tornado GR4s, based at RAF Akrotiri and supported by a Voyager air refuelling tanker, flew an armed reconnaissance patrol over western Iraq. A coalition surveillance aircraft identified a group of terrorists gathered at a command post some miles to the north-west of Al Qaim, close to the Syrian border. Our aircraft attacked using two Paveway IV guided bombs; one demolished the command post building, whilst the second weapon accounted for several terrorists outside, along with their vehicles.	Tornado	Iraq	2 Paveway IV guided bombs	Command post, vehicles
02 Nov 2017	Tornados conducted operations in the same area, and successfully bombed a building in which a Daesh observation post was stationed, attempting to direct mortar fire against Iraqi ground forces.	Tornado	Iraq	?	Observation post

04 Nov 2017	Two Tornados patrolled the other side of the border, in the far east of Syria. A mortar team was identified north-east of al Mayadin and successfully bombed. The Tornados then used a further Paveway IV to collapse the entrance to a terrorist tunnel nearby.	Tornado	Syria	2 Paveway IV guided bombs	Mortar team, tunnel
05 Nov 2017	Two flights of Typhoon FGR4s, armed with Paveway IVs, flew similar missions over eastern Syria. One flight eliminated a mortar team near the border town of Abu Kamal,	Typhoon	Syria	1 Paveway IV guided bomb	Mortar tea
05 Nov 2017	The second pair of Typhoons successfully conducted four phased attacks against a tunnel complex near Al Mayadin.	Typhoon	Syria	?	Tunnel complex
09 Nov 2017	Royal Air Force aircraft have continued to fly extensive armed reconnaissance patrols across Iraq and Syria to identify remaining Daesh positions and support the Iraqi troops and the Syrian Democratic Forces in their respective ground operations. On Thursday 9 November, two Tornados used a Brimstone missile and two Paveway IVs to destroy a terrorist vehicle and stockpiled supplies in the deserts of western Iraq.	Tornado	Iraq	1 Brimstone missile, 2 Paveway IV guided bombs	ISIS vehicle, supplies
11 Nov 2017	A pair of Typhoons patrolled over northern Iraq on Saturday 11 November. Three improvised explosive devices had been identified, dug into embankments alongside roads around twenty miles north-west of Bayji, and the Typhoons were tasked with the safe destruction of these deadly booby-traps. Each was hit in turn with a Paveway IV.	Typhoon	Iraq	3 Paveway IV guided bombs	IEDs
12 Nov 2017	A Reaper remotely piloted aircraft operating over eastern Syria similarly disposed of another booby-trap left behind by the terrorists – an armoured truck-bomb parked on the edge of a road some twenty miles south-east of Al Mayadin. This was struck by a GBU-12 guided bomb and destroyed.	Reaper	Syria	1 GBU-12 bomb	Booby-trapped vehicle
16 Nov 2017	The SDF have continued their operations against extremists south-east of Al Mayadin, in eastern Syria, and an RAF Reaper provided close air support to them on Thursday 16 November. The first terrorist threat that the Reaper's crew identified was a vehicle being driven at very high speed towards the SDF positions. Fearing this to be a probable truck-bomb, the Reaper's crew tracked the lorry, ready to engage. However, no intervention was necessary, as the driver lost control of the vehicle, which crashed off the road and promptly exploded; it had indeed been a truck-bomb. The Reaper subsequently spotted a group of terrorists opening fire on the SDF; a GBU-12 guided bomb quickly eliminated this threat.	Reaper	Syria	1 GBU-12	ISIS fighters
18 Nov 2017	On Saturday 18 November, Tornados from RAF Akrotiri patrolled over north-west Iraq. Another coalition aircraft identified a Daesh truck, loaded with equipment, concealed under cover some 35 miles west of Sharaq. The Tornados were requested to conduct an attack with the very precise Brimstone missile, and did so successfully, destroying the vehicle.	Tornado	Iraq	1 Brimstone missile	ISIS vehicle
22 Nov 2017	Intelligence identified a complex of buildings in northern Iraq, some 30 miles west of Sharqat, as a truck-bomb factory. Two Typhoons bombed the target site with six Paveway IV guided bombs on	Typhoon	Iraq	6 Paveway IV guided bombs	ISIS complex

	Wednesday 22 November; two weapons demolished a large workshop, while single bombs dealt with the four other, smaller buildings.				
01 Dec 2017	Whilst other Royal Air Force aircraft flew armed reconnaissance missions to identify remaining concentrations of terrorist activity, RAF Reapers supported the Syrian Democratic Forces as they cleared Daesh extremists from villages in eastern Syria, along the Euphrates valley. On Friday 1 December, a Reaper worked very closely with two flights of coalition aircraft, some fifteen miles north-west of Abu Kamal. The Reaper supported seven attacks by the coalition jets against several groups of terrorists, an armed truck and a Daesh-held building, and conducted three attacks with its own Hellfire missiles, which killed a number of extremists spotted both in defensive positions and in the open.	Reaper	Syria	Hellfire missiles	ISSI fighters
03 Dec 2017	Another Reaper provided similar assistance to the Syrian Democratic Forces on Sunday 3 December. Our aircraft provided surveillance support to a successful coalition air attack, then used a Hellfire missile to eliminate a group of terrorists who had taken up position in a building to the north-east of Abu Hammam.	Reaper	Syria	1 Hellfire missile	ISIS building
09 Dec 2017	Prime Minister Haider al-Abadi announced on Saturday 9 December that Iraqi forces had successfully restored control over the entire border with Syria. Coalition aircraft continue to be on hand to support the Iraqi security forces against any isolated pockets of Daesh extremists that might be found, and two RAF Tornado GR4s carried out such a mission on Saturday night. A coalition surveillance aircraft had identified a dispersed group of terrorists in a remote area of countryside some 40 miles northwest of Tikrit, and the Tornados were tasked with their destruction. Two Paveway IV guided bombs were used, along with a Brimstone missile which destroyed the terrorists' nearby truck.	Tornado	Iraq	2 Paveway IV guided bombs, 1 Brimstone missile	ISIS fighters, vehicle
10 Dec 2017	On Sunday 10 December, a Reaper provided further support to the Syrian Democratic Forces in eastern Syria. Our aircraft tracked various groups of terrorists which allowed them to be struck by a series of attacks by coalition fast jets, and conducted one attack using its own Hellfire missile weaponry.	Reaper	Syria	Hellfire missile	ISIS fighters
12 Dec 2017	The Syrian Democratic Forces have continued to clear a number of villages held by Daesh along the Euphrates in eastern Syria, between Abu Kamal and Mayadin. Royal Air Force Reapers have provided significant support to these operations, their very long endurance, precision weaponry and advanced surveillance equipment allowing them to maintain effective overwatch for the SDF advances on the ground. On Tuesday 12 December, a Reaper identified a small group of Daesh extremists firing on the SDF. The Reaper's crew kept very close watch on a number of civilians, including women and children, who were evacuating the village, and waited until they were clear of the area before conducting a successful attack on the terrorists with a Hellfire missile.	Reaper	Syria	1 Hellfire missile	ISIS fighters
15 Dec 2017	Another Reaper flew a similar mission in the area on Friday 15 December. It spotted several terrorists occupying a compound and hit them with a Hellfire missile. A second group of terrorists then	Reaper	Syria	2 Hellfire missiles	ISIS compound,

	attempted to take up firing positions in the same compound, and were also struck with a Hellfire. Later in the day, the Reaper's crew tracked a group of men acting suspiciously around a area of trees, and close observation identified a truck, carrying a mortar, camouflaged under the trees. The Reaper was able to pinpoint the position for coalition jets which delivered an accurate attack which destroyed the vehicle and mortar.				
17 Dec 2017	On Sunday 17 December, a pair of Typhoon FGR4s also provided support to the SDF in the Euphrates valley, near Abu Hardub. A coalition surveillance aircraft observed a number of extremists taking up position in a building, and the Typhoons subsequently destroyed the target with a single Paveway IV guided bomb.	Typhoon	Syria.	1 Paveway IV guided bomb	ISIS position
23 Dec 2017	A Reaper remotely piloted aircraft worked closely with coalition jets on Saturday 23 December near Abu Hammam. The Reaper's crew provided surveillance support to a coalition air strike on a Daesh-occupied building, then tracked a small group of terrorists as they attempted to seek shelter in an outbuilding nearby. Having checked the area carefully for any signs of civilians who might be placed at risk, the Reaper's crew then conducted a successful attack with a Hellfire missile, which destroyed the outbuilding and its occupants.	Reaper	Syria	1 Hellfire missile	ISIS building
28 Dec 2017	Tornado GR4s, flying from RAF Akrotiri and, as ever, supported by a Voyager air refuelling tanker, flew an armed reconnaissance mission over the Euphrates on Thursday 28 December. Their attention was directed to a Daesh defensive position, consisting of two buildings surrounded by earthworks, at a remote spot north-east of Abu Kamal, close to the border with Iraq. Our aircraft demolished both of the buildings with a pair of Paveway IVs.	Tornado	Syria	2 Paveway IV guided bombs	2 ISIS buildings
29 Dec 2017	Two flights of Tornados flew close air support for the Syrian Democratic Forces the following day, despite difficult weather conditions; one flight employed a Paveway IV to destroy a building from which fire was being directed at close range against the SDF, whilst the second pair of Tornados engaged through cloud a group of terrorists engaged in street fighting; a Paveway removed the threat to the SDF.	Tornado	Syria	2 Paveway IV guided bomb	ISIS building, ISIS fighters