



<h2>MOAB</h2>							
By Vosene							
Falcon Version	Patch Status	Theatre of Operations (Check one)					
Allied Force	V1.05	Balkans	X	Balkans 2005		Balkans 2010	
		Korea		Korea 2005		Korea 2010	
Package Information							
Takeoff time	Callsign	Task	Target	Package #⁽¹⁾	AC # & type		
06:29	Chalis1	AWACS	Search for enemy air targets and route friendly traffic	3142	1x E-3		
06:30	Camel1	Tanker	Refuel friendly flights	3142	1x KC-10		
06:31	Sentry1	JSTAR	Search for enemy ground targets and route friendly flights	3142	1x E-8C		
07:00	Claw1	HAVCAP	Protect high value package 3142 from enemy aircraft	3142	2 x F-15C		
07:15	Specter1	CAS	Destroy the 3847 th Infantry Battalion	2027	2x AC-130U		
07:16	Prowler1	ECM	Jam enemy radar	2027	1x EA-6B		
07:19	Falcon1	Escort	Protect package 2027 from enemy aircraft	2027	4x F16C-52		
07:21	Cowboy 1	SEAD Escort	Protect package 2027 from enemy air defences	2027	2x F16C-52		
07:48	Fury1	BARCAP	Prevent hostile aircraft from entering patrol area	3869	4x EF-2000		
⁽¹⁾ Blue colour indicates for human use. Red colour indicates for AI only.							
Mission Success criteria		Cowboy 1	No losses to Specter1 and Prowler1 by 0820 due to enemy air defences				
		Falcon 1	No Losses to Specter1 and Prowler1 by 0820 due to enemy aircraft				
Mission Partial Success criteria		Cowboy 1	No more than 1 loss between Specter1 and Prowler1 by 0820 due to enemy air defences				
		Falcon 1	No more than 1 loss between Specter1 and Prowler1 by 0820 due to enemy aircraft				
Air to Air Weapon Loadout (Free or Fixed)		Free					
Air to Ground Weapon Loadout (Free or Fixed)		Free					
Mission Flight plan (Free or Fixed)		Fixed until Stp 5 and after Stp 9 for both flights, free in between, although you must not stray outside of Serbian or Bosnian airspace.					

BACKGROUND

Once again Serbia is in turmoil. After a period of peace and prosperity, the Serbian government has been overthrown in a military coup and the new regime has moved significant numbers of troops into the Kosovo region as highlighted below. Their intentions are not fully clear but this move has already caused a major humanitarian crisis as refugees flee the advancing troops and there are widespread reports of war crimes. There are also reports that large number of Serbian units are now moving West into Montenegro and an invasion of Bosnia and Herzegovina cannot be ruled out.



After all of the recent problems in this region, these latest acts of aggression cannot be ignored. The United Nations Security Council has been quick to publish Resolution 20113 which calls for:

- i. The immediate cessation of all hostilities.
- ii. Withdrawal of military forces to pre-conflict positions.
- iii. The re-instatement of the democratically elected government in Serbia.
- iv. The repatriation of all Kosovan refugees to their homes.

All attempts at a political settlement by the USA, the EU and Russia have failed and now NATO has been called upon to implement Operation THEMIS (Justice) in order to enforce the will of the UN. The build-up of troops and equipment in Bosnia and Italy has begun and although hostilities have not formerly commenced, intel has identified a target of opportunity that is too important to pass on. The notorious warlord Zoran Zilic has moved his private Army, the Rhinos, into Montenegro in anticipation of launching disruption raids into NATO troop concentration areas in Bosnia and Herzegovina. This is the only know picture of Zilic (far right) with 3 of his deputies:



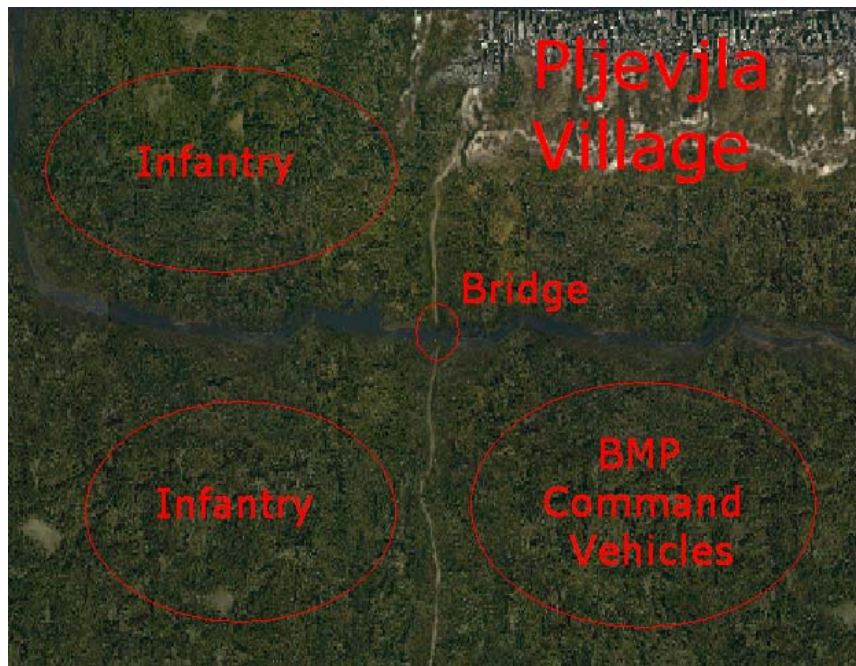
Local sources have identified the current location of the Rhinos and confirmed that Zilic is with them. By destroying this group we can ensure they no longer pose a threat to our troops massing in Bosnia.

CURRENT SITUATION

Three hours ago a flight of F-117As destroyed two bridges over the Pljevlja river, blocking the route South for the Rhinos. The image below shows one of the bridges pre and post-strike:



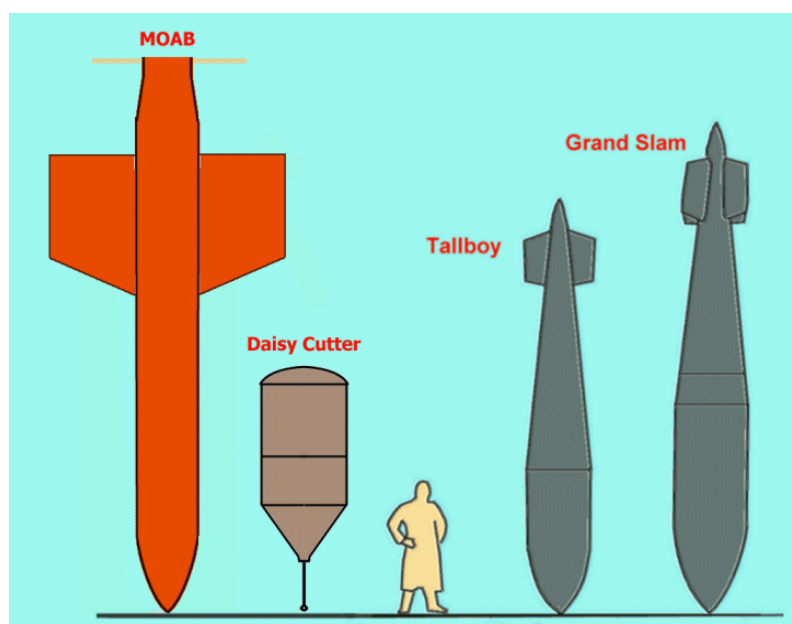
Satellite imagery taken an hour ago has confirmed the Rhinos have now reached the destroyed bridges and are in the process of conducting a river crossing in the location, as the nearest intact bridge is over 80 miles away. Intel assesses we have a two hour window when the entire Army will be fixed in the location of the bridge while they cross the river. They are currently grouped in the following areas:



Due to the dispersed nature of the target and the need to ensure we get Zilic, the USAF has decided to bring out the heavy guns. The strike will be conducted by 2x AC-130U Hercs each carrying a Massive Ordnance Air Blast Bomb or MOAB, unofficially called the Mother of All Bombs.

The GBU-43/B or MOAB is a 21,700-pound bomb and contains 18,700 pounds of high explosive. It is 30 feet long with a diameter of 40.5 inches and was developed in only nine weeks to be available for the Iraq campaign, but was not used.

These huge bombs are dropped out of the rear of the Herc, without the use of a parachute, from a height over 10,000 ft. By using GPS the aircraft does not even have to visually ID the target.



The following link will enable you to view some footage of the MOAB being tested:

<http://www.globalsecurity.org/military/systems/munitions/images/030311-d-9085m-004.mpg>

The following video still was taken from over a mile away at the moment of detonation:



MISSION DETAILS

Weather – This will be a 0720 take-off with clear skies over Italy and the target. Visibility is over 14 nm, wind is 180 deg at 5 kts, temp is 20°C.

Enemy – The war has not officially begun yet so there are relatively light forces currently in Montenegro, however they are building by the hour. Current intel reports:

- a. Air Defence. There are two confirmed fixed air defence assets, an SA-5 and an SA-2. You should also expect some mobile air defence assets in the location of Stp 7 in support of the Rhinos. There is also a manpad and small arms threat throughout the region from ground forces. The majority of central Serbia is covered by an SA-10 site but you should be able to complete the mission without coming within its range. The following picture shows the positions of the identified AD threats with the SEAD Stps overlaid.

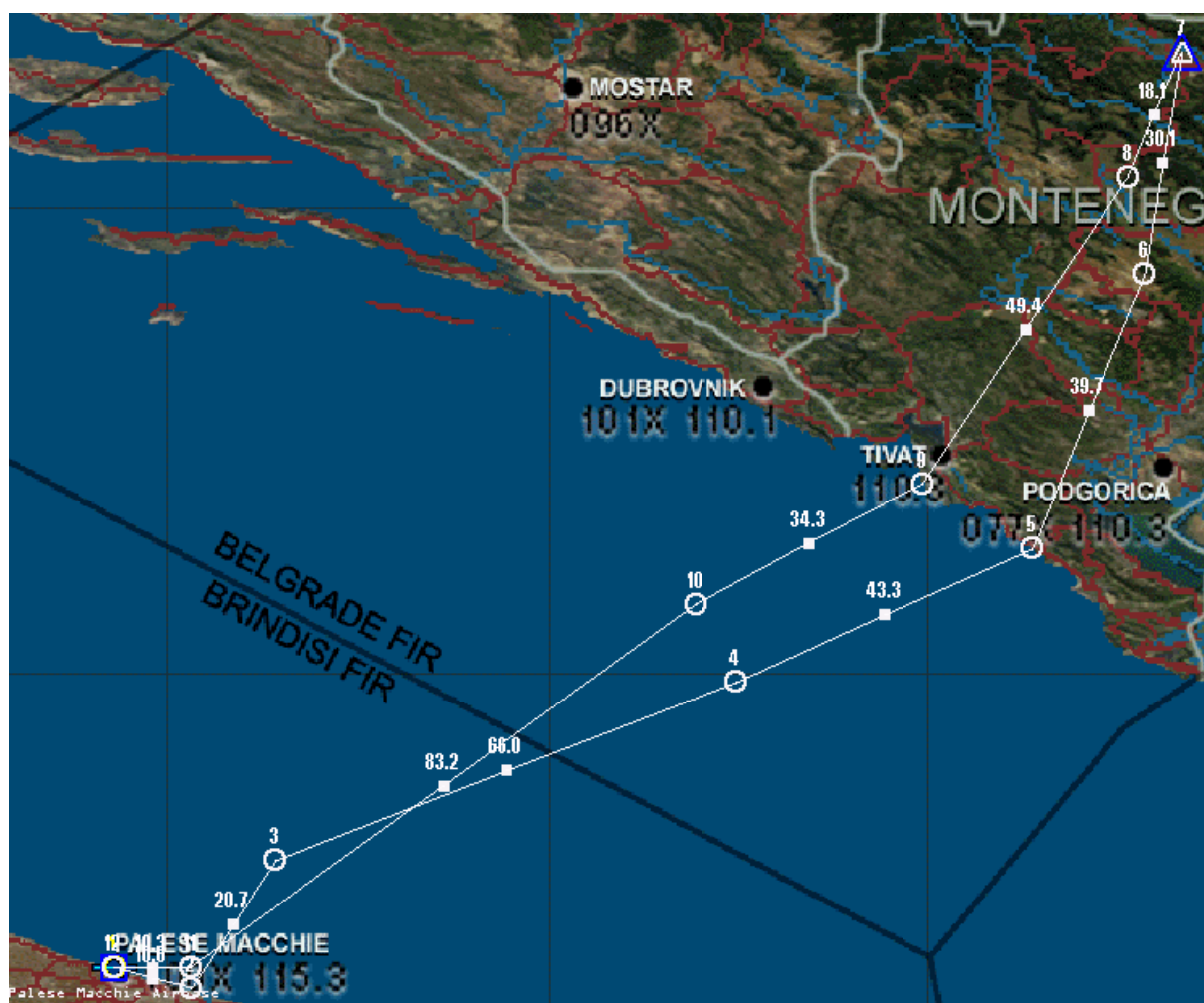


b. **Air Threat.** Within Montenegro there are permanent bases for the SU-25 and the MiG-23, however we have had reports in the last few days that a Sqn of SU-27s has been deployed to the region. Intel is unable to determine if they are operational yet, so best be prepared for them. Despite the relatively low numbers of aircraft in Montenegro, be assured that if you hang around too long in hostile territory you will be intercepted by fighters scrambled from central Serbia. Aircraft types operating there include the MiG-25, MiG-29 (both A and S variants) and SU-27.

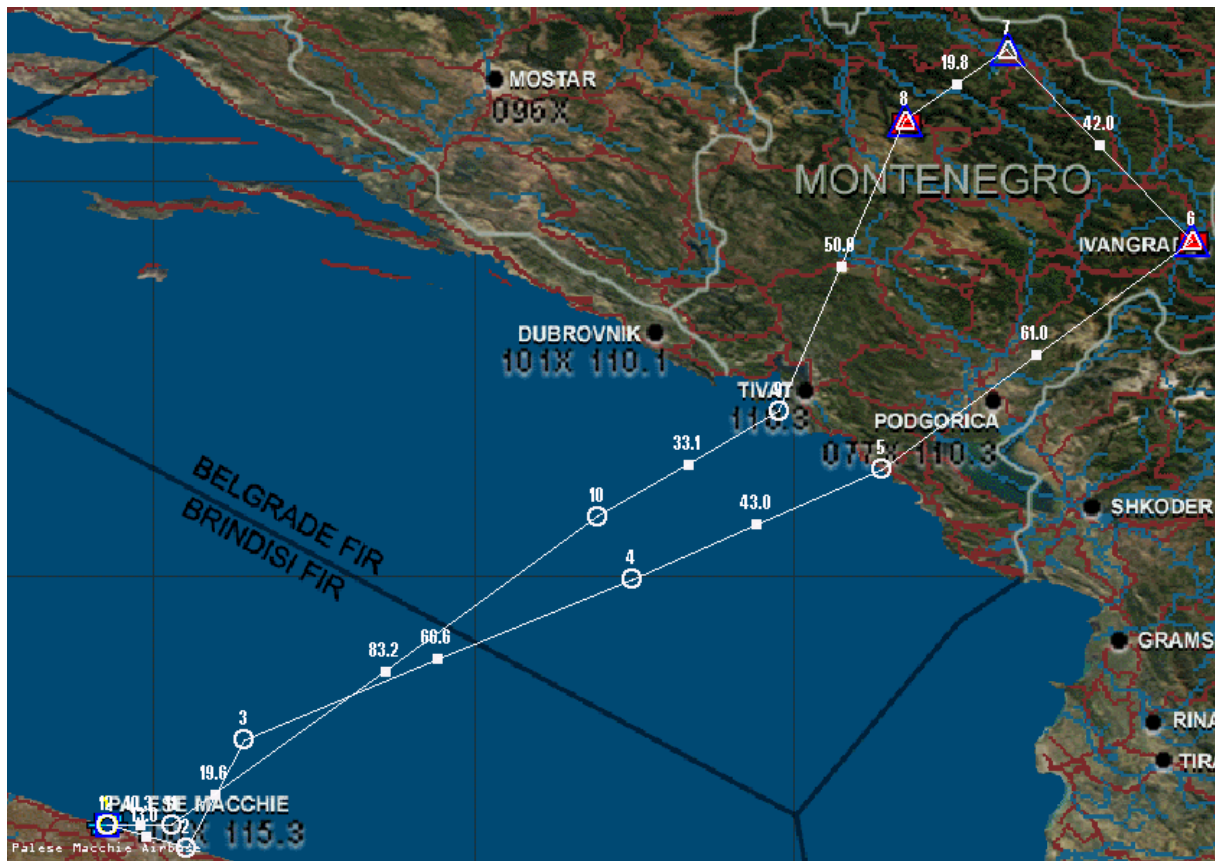
Friendly - Your package (2027) will consist of the 2x AC-130U in the CAS role, an E-6B to provide ECM over the target area and your two flights, a 4 ship of F-16C-52 as Escort and a 2 ship of F-16C-52 as SEAD escort. Typhoons will be providing a BARCAP from Stp 10 on egress. You will have access to both AWACS and JSTAR controllers during the mission and a tanker is available if you need to refuel on the return leg. There is also a flight of F-15Cs providing a HAVCAP for them.

Mission - You have been tasked to provide SEAD and Escort for Specter and Prowler flights while they carry out their mission. In order to get a mission success, you must ensure all 3 aircraft reach the target area and return safely back to Stp 10 (scheduled for 0820) where the Typhoons will take over defending them from any hostiles. For a partial success you can lose a maximum of one aircraft from Prowler or Specter flights. **Debrief screenshots showing the events lists for Specter and Prowler flights are required as proof that none were destroyed before 08:20. Any losses after this time are not your responsibility. You must send these screenshots to PJC as proof of your mission result.**

Route - a. This is a map of the Escort route:



b. This is a map of the SEAD route:



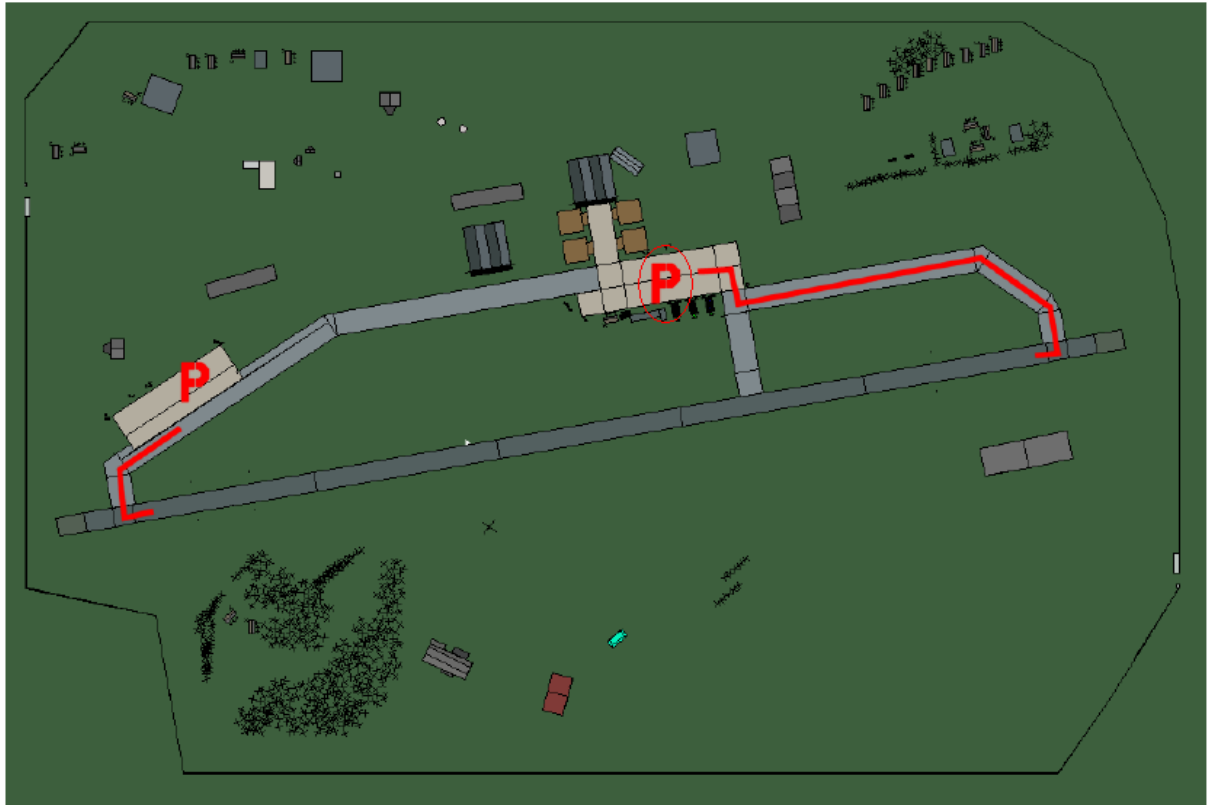
c. You should note that the route is fixed until Stp 5 and after Stp 9 for reasons of grouping the gorilla and airspace de-confliction, however between these points you are free to change your route as long as you stay within Serbia or Bosnia airspace. Any violation of Croatian or Albanian airspace will not be tolerated, make sure you know where you are at all times.

d. Stp References:

- Stp 3 – Push point for gorilla (remain at pre-allocated heights as per flight plan for airspace de-confliction)
- Stp 5 – Feet Dry, SEAD split for 1st target and Stps free
- Stp 7 – Target
- Stp 8 - Rejoin
- Stp 9 – Feet wet, fixed Stps.
- Stp 10 – Gorilla splits and flights proceed home.

e. Airport - Both F-16 flights will be operating from Palese Macchie airbase, using the pan indicated and departing and landing on runway 26:

Airbase: Palese Macchie



Palese Macchie

RWY	LCN	TORA	ASDA	TODA	LDA	WID	ASI	ALS	TDZE	THR PSN
08	-	9160	9160	10070	8700	160	-	-	-	-
26	-	9160	9160	10070	8700	160	-	-	-	-

Tacan 100X (50 NM) ILS 115.3 Owner NATO

Latitude 40° 46' Longitude 16° 59' Elevation 150ft

f. Timings –

Flight	Take-off	Push Point	FLOT (Ingress)	TOT	FLOT (Egress)	Split	Landing
Specter1	0715	0728	0745	0755	0810	0820	0841
Prowler1	0716	0728	0741	0748	0810	0820	0838
Falcon1	0719	0728	0743	0752	0810	0820	0833
Cowboy1	0721	0728	0740	0751	0810	0820	0836

ROE -

- a. Before the FLOT you must visually ID all targets as enemy (Weapons Tight).
- b. After the FLOT your package will be the only friendly forces, air or ground, in hostile territory, therefore weapons are free under the control of flight leads. Ensure any bogeys to the West are not friendly aircraft in Bosnia and note you are not to fire across the border into Croatia or Albania under any circumstances, even if you are engaged by aircraft in their airspace.

Ordnance – The choice of ordnance for the F-16 flights is free but the following is the default loadout:

ORDNANCE:

Specter11: Unassigned

100 x 37mm AAA

100 x 40mm Bofors

2540 x 25mm GAU12

1 x MOAB

Prowler11: Unassigned

2 x 300 Gal Tank A-6

1 x ALQ-99

Specter12: Unassigned

100 x 37mm AAA

100 x 40mm Bofors

2540 x 25mm GAU12

1 x MOAB

Cowboy11: Unassigned

510 x 20mm M61

4 x AIM-120B

2 x AGM-88C

2 x 370 Gal Tank

1 x ALQ-131

Cowboy12: Unassigned

510 x 20mm M61

4 x AIM-120B

2 x AGM-88C

2 x 370 Gal Tank

1 x ALQ-131

Falcon11: Unassigned

510 x 20mm M61

5 x AIM-120B

2 x 370 Gal Tank

1 x ALQ-131

1 x AIM-9M

Falcon12: Unassigned

510 x 20mm M61

5 x AIM-120B

2 x 370 Gal Tank

1 x ALQ-131

1 x AIM-9M

Falcon13: Unassigned

510 x 20mm M61

5 x AIM-120B

2 x 370 Gal Tank

1 x ALQ-131

1 x AIM-9M

Falcon14: Unassigned

510 x 20mm M61

5 x AIM-120B

2 x 370 Gal Tank

1 x ALQ-131

1 x AIM-9M