

WINGS OVER RUSSIA

The Great Patriotic War 1941-1945

A FULL-INSTALL MOD FOR WINGS OVER EUROPE

INTRODUCTION

This is a full install Mod for Third Wire's *Wings over Europe* flight sim, featuring the aircraft and weapons that were used in the titanic struggle in the East between Nazi Germany and Soviet Russia between 1941 and 1945. It is an all-inclusive Mod, with a completely new terrain and a full set of period aircraft, tanks, ships, guns, trucks, infantry and other ground objects, plus all relevant period weapons, medals and menu screens.

It is designed for *Wings over Europe*, but with some tweaking should work with *Wings over Vietnam*, or *Wings over Israel*, or *Strike Fighters* (but not *Strike Fighters Version 2*, which has a different file structure).



DISCLAIMER

This is a flight sim Mod, for flight sim fans. It is non-political and is not intended as an endorsement of any geopolitical or historical view. The contents of this Mod are not endorsed or supported by Third Wire or Strategy First or any of their affiliates.

INSTALLATION (READ THIS CAREFULLY)

There are a few steps only, but each is essential:

1. **Make a separate clean install of Wings over Europe, updated with the latest patch (currently the October 2008 version).** The October 2008 patch for WoE is available from Third Wire at <http://www.thirdwire.com/downloads.htm>.
2. **Rename the new main sim folder (the one with the sim's EXE file in it) from "Wings over Europe" to "Wings over Russia".**
3. **Under the "Objects" folder, delete the "Aircraft", "Decals", "GroundObject" and "Weapons" folders.** That is correct: DELETE THE ENTIRE AIRCRAFT, DECALS, GROUND OBJECT and WEAPONS FOLDERS, and ALL THEIR CONTENTS. This mod will add all required aircraft, ground objects and weapons, so delete all the A-10 Thunderbolts, F-15A Eagles, Harriers, BMPs, BRDMs etc etc and all their folders.
4. **Under the Campaign folder, delete the three folders "woeCamp1", "woeCamp2" and "woeCamp3"** (they won't work, and if selected from within the sim will CTD, without all the stock aircraft, which you have just deleted).
5. **In the Missions folder, delete all the *.MSN single mission files** (they won't work either, without all the stock aircraft which you have just deleted).
6. **Copy the entire "Aircraft", "GroundObject" and "Weapons" folders (enclosed in this zip file) to your Wings over Russia\Objects folder.**
7. **Copy the entire "Russia" terrain folder (enclosed in this zip file) to your Wings over Timor\Terrain folder.**
8. **Copy the contents of the "GermanyCE" terrain folder (enclosed in this zip file) to your Wings over Russia\Terrain\GermanyCE folder, overwriting any existing files.**
9. **Copy the contents of all of the seven other enclosed folders, "Effects", "Flight", "Manual", "Menu", "Missions", "PilotData" and "Sounds", to your equivalent Wings over Russia folders, overwriting any existing files.** These are all the menu screens, sim interface files, missions, medals, sounds and other bits and pieces required for the Mod.
10. **Copy the enclosed AircraftObject.INI, Gundata.INI, Gundata.DAT and BulletObject.INI files in the enclosed Objects folder to your Wings over Russia\Objects folder.**
10. **Copy the files Options.INI and the WoR.ICO Icon file to your main Wings over Russia folder (the one with the sim's EXE file in it).** After copying the icon file, right-click on the WOE icon on your desktop that you are using for this Mod. Under "Properties" click "Change Icon", and then browse to and select this new icon for the sim EXE file to use it.
11. **DO NOT USE ANY WEAPONS PACK** from any other source. This Mod has all the required weapons for the period, for all of the aircraft, in it. Using a different weapons pack will overwrite some of these required weapons.
12. That is all. Have fun flying over WW2 Russia.

AIRCRAFT AVAILABLE

There are a number of different air forces for which you can fly in the Wings over Russia Mod: the German Luftwaffe and its allies from Hungary, Romania, Italy, Croatia, and Slovakia; and the Soviet air force, the Voenno-Vozdushnye Sily (literally, "Military Air Forces") or VVS.

The aircraft available in the Wings over Russia Mod, and the periods they can be flown, are as follows:

Germany

Luftwaffe: aircraft	Service start date	Service end date
Messerschmitt Bf-109 E4	6/1941	12/1941
Messerschmitt Bf-109 E7	6/1941	12/1942
Messerschmitt Bf-109 F2	6/1941	6/1942
Messerschmitt Bf-109 F4	1/1942	12/1942
Messerschmitt Bf-109 G2	5/1942	6/1943
Messerschmitt Bf-109 G6	1/1943	3/1945
Messerschmitt Bf-109 G10	8/1944	6/1945
Messerschmitt Bf-109 K4	10/1944	6/1945
Messerschmitt Bf-110 C4	6/1941	3/1942
Messerschmitt Bf-110 E1	9/1941	12/1942
Messerschmitt Bf-110 F1	1/1942	9/1943
Focke-Wulf Fw-189 A2	6/1941	5/1945
Focke-Wulf Fw-190 A4	2/1943	12/1944
Focke-Wulf Fw-190 A6	7/1943	2/1945
Focke-Wulf Fw-190 F8	2/1944	6/1945
Focke-Wulf Fw-190 D9	9/1944	6/1945
Messerschmitt Me-410 A1	4/1943	3/1945
Messerschmitt Me-410 B2	4/1944	6/1945
Messerschmitt Me-262 A	9/1944	6/1945
Arado Ar-234B	11/1944	6/1945
Heinkel He-162 A2	2/1945	6/1945
Dornier Do-335 A1	1/1945	6/1945
Henschel Hs-123 A1	6/1941	3/1944
Henschel Hs-129 B2	9/1942	6/1945
Henschel Hs-129 B3	6/1944	6/1945
Junkers Ju-87 B	6/1941	7/1943
Junkers Ju-87 D	3/1942	12/1944
Junkers Ju-87 G	4/1943	12/1944
Non-flyable transport and bomber aircraft		
Junkers Ju-52/3m	6/1941	6/1945
Dornier Do-17 Z2	6/1941	11/1941
Heinkel He-111 H3	6/1941	12/1942
Heinkel He-111 H6	10/1941	3/1943
Junkers Ju-88 A4	6/1941	6/1945
Aircraft	Service start date	Service end date

Note that the **Service start and Service end dates** for aircraft in this Mod are for service on the Russian front – many of the aircraft in this Mod served earlier or later in other places, but in this Mod will only appear during the periods they were used in Russia.

Hungary. Hungary was an ally of Nazi Germany, and Hungarian air and ground forces served on the Russian front from July 1941 until Hungary was overrun by the Red Army and signed an armistice in October 1944.

Hungary: aircraft	Service start date	Service end date
Messerschmitt Bf-109 F4	1/1942	3/1943
Messerschmitt Bf-109 G6	10/1942	10/1944
Messerschmitt Bf-109 G10	10/1944	10/1944
Focke-Wulf Fw-190 F8	10/1944	10/1944
Heinkel He-111 H6	1/1942	12/1943
Junkers Ju-87 D	9/1942	10/1944
Aircraft	Service start date	Service end date

Romania. Hungary was an ally of Nazi Germany, and substantial Romanian air and ground forces served on the Russian front from July 1941 until Romania was overrun by the Red Army in September 1944. The Romanian air force used a disparate collection of aircraft, including several of its own design and manufacture.

Romania: aircraft	Service start date	Service end date
PZL P.11f	6/1941	12/1942
IAR 80A	6/1941	9/1944
IAR 81C	3/1943	9/1944
Messerschmitt Bf-109 E4	6/1941	12/1942
Messerschmitt Bf-109 G2	9/1942	9/1944
Heinkel He-111 H3	1/1942	12/1943
Henschel Hs-129 B2	9/1942	9/1944
Junkers Ju-87 D	1/1943	9/1944
Junkers Ju-88 A4	1/1942	9/1944
Aircraft	Service start date	Service end date

Italy. Mussolini's Fascist Italy sent a contingent of troops and aircraft to the Russian campaign, the Corpo di Spedizione Italiano in Russia (the CSIR, or Italian Expeditionary Corps in Russia; later the Armata Italiana in Russia, or Italian Army in Russia). They served, principally in the Ukraine and near Stalingrad, between 1941 and mid-1943 (when Italy surrendered to the invading western Allies). The first aircraft deployed were the Macchi C.200 Saetta and Caproni Ca.31, and later the Macchi C.202 Folgore.

Italy: aircraft	Service start date	Service end date
Macchi C.200 Saetta	8/1941	2/1943
Macchi C.202 Folgore	6/1942	6/1943
Aircraft	Service start date	Service end date

Croatia. Croatian ground and air forces, using German equipment, served alongside German forces on the Russian front from 1941 until May 1945 (many Croatians also volunteered for service in the German or Italian armies – three German infantry divisions were manned by

Croatian volunteers, as were two Waffen SS Divisions and an SS Police Division, and the Italians formed two "Legions" of Croatians). The Croatians fought until overrun by the Red Army in 1945.

Croatia: aircraft	Service start date	Service end date
Messerschmitt Bf-109 G6	10/1942	5/1945
Dornier Do-17 Z2	10/1941	11/1942
Aircraft	Service start date	Service end date

Slovakia. The state of Slovakia was created in 1939 from the dismemberment of Czechoslovakia by Nazi Germany. It was an ally and client state of Nazi Germany, until overrun by the Red Army in 1945. Slovakian ground and air forces served alongside German forces on the Russian front from 1941 until 1945. Its air force used pre-war Czech aircraft such as the Avia B-534 biplane fighter and the Letov Š-328 biplane bomber, and later German aircraft.

Slovakia: aircraft	Service start date	Service end date
Avia B-534	6/1941	6/1943
Avia B-534W (winter version, with skis)	12/1941	2/1943
Letov Š-328	6/1941	6/1943
Messerschmitt Bf-109 E7	1/1942	6/1943
Messerschmitt Bf-109 G6	10/1942	5/1945
Heinkel He-111 H3	1/1942	12/1943
Junkers Ju-87 D	9/1942	5/1945
Aircraft	Service start date	Service end date

Spain. Spain was technically neutral during WW2, but Spanish volunteer troops (the "Blue Division", from the color of their shirts) served with the Wehrmacht in Russia. Accompanying them was a series of Spanish squadrons, flying Bf-109s and Fw-190s, collectively known as the Blue Squadron (Escuadrilla Azul). It was operationally part of the Luftwaffe, as 15/Spanische Staffel, attached first to JG 27 and then JG 51, and operated from June 1941 until early 1944. You can fly in this unit as part of the Luftwaffe.

Bulgaria. Although a member of the Axis powers until it surrendered and joined the Soviet side in September 1944, Bulgaria did not send any forces to Russia, and so Bulgarian aircraft are not represented in this Mod. Its air force in that period operated Avia B-534, Dewoitine D.520, Bf-109E and G, Ju-87D and Do-17 aircraft, but they were used in the Balkans, not in Russia.

Soviet Union. The Soviet Union started June 1941 with a huge air force of mostly obsolescent aircraft, including many biplane fighters and bombers. Many of these were destroyed in the first few days of Operation Barbarossa. As the war progressed it produced vast numbers of technically competent aircraft that, with the aid of significant numbers of Lend-Lease aircraft from the UK and USA, overwhelmed the Axis air forces.

Soviet Union

VVS: aircraft	Service start date	Service end date
Polikarpov I-152	6/1941	12/1941
Polikarpov I-153	6/1941	6/1942

Polikarpov I-16 Type 5	6/1941	3/1942
Polikarpov I-16 Type 10	6/1941	12/1942
Polikarpov I-16 Type 17	6/1941	12/1942
Polikarpov I-16 Type 18	6/1941	6/1943
Polikarpov R-Z	6/1941	9/1942
Mikoyan and Gurevitch MiG-3	6/1941	12/1942
Lavochkin-Gorbunov-Goudkov LaGG-3	6/1941	3/1943
Lavochkin La-5	9/1942	6/1944
Lavochkin La-5FN	4/1943	6/1945
Lavochkin La-7	3/1944	6/1945
Yakovlev Yak-1	6/1941	6/1944
Yakovlev Yak-3	7/1944	6/1944
Yakovlev Yak-7	9/1941	12/1944
Yakovlev Yak-9D	5/1943	6/1945
Yakovlev Yak -9T	6/1943	6/1945
Yakovlev Yak-9U	5/1944	6/1945
Bell P-39N Airacobra	9/1943	3/1945
Bell P-39Q Airacobra	9/1943	6/1945
Sukhoi Su-2	6/1941	2/1943
Ilyushin Il-2m3 Shturmovik	3/1943	6/1945
Ilyushin Il-2m3M Shturmovik	6/1943	6/1945
Petylakov Pe2	12/1942	6/1945
Non-flyable transport and bomber aircraft		
Lisunov Li-2	12/1942	6/1945
Tuploev SB-2	6/1941	12/1942
Petylakov Pe-8	6/1941	6/1944
Aircraft	Service start date	Service end date

GROUND OBJECTS AVAILABLE

There is a considerable number of period ground objects (tanks, trucks and APCs, ships and AA guns) in this Mod, many of which are new in SF/WoX. The tanks you will see on CAS missions, the trucks and APCs on armed recon missions, and the ships (obviously enough) on anti-ship missions in the Black Sea (the ships are fairly generic – the Russian front was a principally a land war, with some naval action in the Black Sea, and our focus has been on tanks and other vehicles rather than ships). AA guns you will see on every mission. The full list is as follows:

German

Tanks	Trucks and APCs	AA guns	Ships
JagdPz 38(t) Hetzer JagdPz VI JagdTiger Pz V Panther Pz-38t tank Pz I tank PzKpfw IIc tank PzKpfw IIIF tank PzKpfw IIIL tank	Opel Blitz troop truck Opel Blitz cargo truck Sdkfz 251 halftrack	20mm Flak gun 4x20mm Flak gun 88mm Flak36 88mm Flak36 (bunker) FlakPz IV Ostwind Sdkfz 251Flak halftrack FlakPz IV Wirbelwind	Cargo Ship Small Cargo ship Cruiser Destroyer

PZKW IVA tank PZKW IVF tank PZKW IVG tank PZKW IVJ tank StuG IIIB assault gun StuG IIIG assault gun Pz VI Tiger I tank Pz VI Tiger II tank			
Tanks	Trucks and APCs	AA guns	Ships

Soviet

Tanks	Trucks and APCs	AA guns	Ships
BA-6 armoured car BA-10 armoured car IS-1 Stalin tank IS-2 Stalin tank IS-3 Stalin tank ISU-152 assault gun KV-1 tank KV-2 tank Su-100 assault gun Su-122 assault gun Su-85 assault gun T-26 tank T-34/85 tank T-34/76 tank	GAZ 6-wheeled truck GAZ M1 Emka car Katyusha truck M5A1 halftrack ZIS cargo truck	KS-19 100mm AAA M-1939 37mm AAA ZIS Quad-MG truck ZIS 37MM AAA ½ track ZPU-2 14mm AAA MG ZU-23 23mm AAA	Cargo Ship Small Cargo ship Cruiser Destroyer
Tanks	Trucks and APCs	AA guns	Ships

SOME GENERAL NOTES

1. **Why the Russian front?** Operation Barbarossa, the 1941-45 campaign in the East between Nazi Germany and Soviet Russia, was the largest and fiercest military campaign in history, on the ground and in the air. It destroyed Nazi Germany, and the final cease-fire line marked the boundary between east and west in Europe for the next 50 years.
2. There are now a lot of Russian front aircraft available for SF/WoX, and it seemed a logical progression from our earlier all-inclusive Mods (Spanish Civil War 1936-1939 and Timor 1950-2000) to incorporate them all in one all-inclusive Mod of the Russian front. Apart from the historical significance and general interest, it also enabled us to show the technical evolution of airpower in a single theatre between the same protagonists over a relatively short period. The campaign opened with biplanes and obsolescent attack planes on both sides, and ended with jets.
3. Note that the **Service start and Service end dates** for aircraft in this Mod are for service on the Russian front – many of the aircraft in this Mod served earlier or later in other places, but in this Mod will only appear during the above periods. The campaign in the East commenced on 22 June 1941, and ended on VE day, 8 May 1945 – we have allowed for a four-year period, from June 1941 until June 1945.

4. **Flight models.** The flight models are all up to the Oct 2008 SF/WoX patch standard, and upgrading them has been a huge job. We have had great assistance and cooperation in this from the AvHistory team and their detailed flight model work for SF/WoX aircraft – we recommend that you visit their website at <http://avhistory.org/> and enjoy their work for other WW2 aircraft as well.
5. We are pretty pleased with the results, which will give you some hard flying and fighting. The October 2008 patch for SF/WoX is the latest upgrade for this sim, before the release of SF2 (which has a different file structure, and is not compatible with this Mod), and makes an excellent base for WW2 aircraft. The AI now flies very aggressively, including in the vertical. The FM's work best on "Normal" flight model (it is what the AI uses). You can fly on "Hard", but Normal is recommended.
6. The only exception to the general upgrading of FM's to the Oct08 standard is that MontyCz has specifically requested that the original FM's for his aircraft (the Czech biplanes, Avia B-534 and Letov S-328, which he has very kindly allowed to be included in this Mod) be included with the aircraft. Upgraded FM files for these two aircraft are also included, so you can choose which you want to use. You can swap between the different FM files for each by opening the individual aircraft INI files (B-534.INI, B-534W.INI and S-328.INI) and changing the line AircraftDataFile= to read either: AircraftDataFile = (AircraftName)_DATA_**Orig**.INI (MontyCz's original version) or AircraftDataFile = (AircraftName)_DATA_**Updated**.INI.
7. **Markings.** There are full sets of squadron-variable markings for many aircraft. For example, you can select any available Luftwaffe JagdGeschwader to fly with any of the Bf-109s, and you will get the historically-correct Gruppe and Geschwader markings displayed on your aircraft. The same applies to the other Axis air forces, and many of the Soviet fighter and attack regiments. Note that this feature of the sim is controlled by a combination of the individual aircraft Decals.INI files and the SquadronList.INI file in the PilotData folder. If by any chance you want to add new squadrons to the SquadronList.INI file, add them at the end, otherwise you will upset the numbering and the operation of these squadron-variable decals.
8. The markings include the swastika on the tail fin of German aircraft, as was historically the case at this period in history. If you download this Mod in a country where the display of this symbol is prohibited, or if it offends you, you should not display it. You should delete the file "*swastika.tga*" where it exists in the various aircraft "*D*" (decal) folders, and otherwise overpaint the symbol on each German aircraft skin BMP file using MS Paint or a similar paint program.
9. **Heavy bombers.** The *Strike Fighters/Wings over Europe* series are flight sims designed with fighters/attack aircraft in mind, and level bombing from heavier bombers is a bit hit and miss. All of the tactical combat aircraft in this Mod (fighters, light bombers and strike aircraft) are flyable, for both sides. The unarmed transport aircraft and heavy bombers are not flyable, but will appear when you fly missions, as targets or as incidental extras. The emphasis of this Mod is firmly on fighter combat and tactical bombing; close support and interdiction rather than long-range strategic bombing, which was not a major feature of the Russian campaign. You can add a cockpit and fly these aircraft if you really want to, but don't expect a long career (and ask yourself: did you join up to be a fighter pilot or a truck driver?).
10. **Aircraft not included.** We have included most aircraft currently available in SF/WoX which actually operated on the Russian front anytime between 1941 and 1945. We have omitted most of the last-ditch German "wonder-weapons" which are also

available as aircraft in the sim, but which saw little or no real service (such as the Me-163, Ta-183, Ba-349 Natter, Junkers EF-132 and the like). They are available, mostly from the A-team Skunkworks website (<http://cplengineeringllc.com/SFP1/>) from which you downloaded this Mod, and you can add them if you want to. Our emphasis has been on recreating what actually happened on the Russian front at the tactical level, not on what might have been. They are more properly part of a potential future Mod, call it "*Secret Weapons of the Luftwaffe 1946-50*" or something like that.

11. For similar reasons we have omitted aircraft such as the Bf-110G, Ju-88C and G, and He-219, night-fighters which were mostly used against the RAF and USAAF bomber streams, particularly at night, and not on the Russian front, and the Ju-188, Fw-200 and He-177. We have included some lend-lease aircraft (P-39N and P-39Q Airacobra, of which some 9,500 were delivered to the Soviet Union during WW2, and which was widely used, including by many of the top Soviet aces) but we have omitted others like the Hurricane (nearly 3,000 Hurricanes were delivered, mostly through Murmansk or Archangel, but it was not well-regarded by Soviet pilots, and it mostly served on the Finnish front, which is outside the scope of this Mod) and P-40 (some 2,400 P-40s of all types were delivered, but again it was not well regarded by Soviet pilots, and by 1943 mostly served only defensively with the PVO, not at the Front with the VVS).
12. **Medals.** There is a full set of WW2-era medals for Germany, Italy and the Soviet Union, which you will see on completion of successful missions.
13. **Screens and music.** There is a full set of new screens and music to go with this Mod, to set the mood for this region and the era.
14. **Pilot photos.** There is a range of new pilot photos for you to choose from, with many of the Eastern Front's highest aces, including Erich Hartmann, Werner Mölders, Günther Rall, Ivan Kozhedub, Boris Safonov and Lilya Litvyak.
15. **Terrain.** There are two terrains in this Mod, Russia and Germany. The Russia terrain is pretty much set for the Kursk salient battle around June 1943 but it can be used for other Eastern Front battles like the Defense of Moscow (around November 1941), the Moscow counter-attack (December 1941 - January 1942) and the Battle for Crimea (around September 1942) and others. The Germany terrain is pretty much set for the Russian capture of Berlin around May 1945.
16. **Russia terrain.** The new Russian terrain by Edward is detailed and heavily populated, with many new ground objects. This looks great from the air, but may slow down mission loading times somewhat – don't be concerned if the sim seems to pause for a while with the loading bar at about the 80% mark. The terrain extends from Romania to Voronezh, and from Vilnius in Lithuania to Moscow, and takes in the whole of the Ukraine, the Crimea and Belorussia, all the places where the major battles of 1941-1944 were fought. The terrain has full seasonal variations (for the four seasons in this region, spring, summer, autumn and the Russian winter), which will appear automatically depending on the date of your mission.
17. **Germany terrain.** The stock WoE GermanyCE terrain is retained in this Mod and used, so you have two terrain alternatives, Russia or Germany. We have re-named the stock terrain Germany 1945 - the stock WOE terrain is, after all, where the armies stopped in 1945, and the boundary between the Anglo-American and Russian armies at that time became the boundary between east and west in Europe for the next four decades. There are new terrain tiles by Edward for the stock terrain, and the sides are switched (so that the eastern half of the map is switched from the "enemy" Soviet

Union of the Cold War to the “friendly” WWII Soviet Union, and the western half of the map is switched from the “friendly” NATO side to the “enemy” Nazi Germany. It is a quick and functional rather than a perfect solution, but it seemed a waste not to use the stock WoE terrain. In using this terrain, assume that the D-Day landings failed, and that Nazi Germany holding the west is battling the Soviet armies coming from the east.

18. **Single missions.** There are several dozen scripted single missions included, to give you a good feel for the area and the aircraft involved. These include some very difficult dogfight and strike missions, as well as some which are more routine. There is a full list of all the single missions at the end of this ReadMe.
19. **Campaigns.** There is also a campaign included, of the 1943 Battle of Kursk, Operation Zitadelle, the greatest armored battle in history. We hope to release more campaigns in the near future to go with this Mod.

CREDITS

Mod Development Team: the A-Team.

Aircraft and components:

Aircraft are by the A-Team (most of them), and by many other members of the sim community, as listed below, all with their permission.

Pilot skins by Boz, Geo and Kesselbrut, with their permission. Other aircraft components and bits and pieces by the A-Team, with new skins and decals by CB Productions or Charles. Spanish *Escuadrilla Azul* Bf-109 decals by Loborojo.

Many community members have given a standing permission to distribute their work, while some ask that permission be given before distributing their work (although permission is usually freely given so long as acknowledgments are made). MontyCz has specifically asked us to say that his aircraft included in this Mod (the Czech biplanes, the Avia B-534s and Letov S-328) may be freely distributed within the sim community.

Many thanks to the AvHistory team, for their rigorous flight model work on SF/WoX aircraft, which we have put to good use in upgrading the FM's to the latest patch standard.

Aircraft	Aircraft creator	Cockpit	Skins
Arado Ar-234B	Capun	Kesselbrut	Gramps and Charles
Avia B-534	MontyCz	MontyCZ	MontyCz
Bf-109E	Russo	Kesselbrut	Russo and Charles
Bf-109F, G and K	Wolf257	Kesselbrut	Wolf and Charles
Bf-110 C, E and F	Capun	Kesselbrut	Gramps and Charles
Do-17Z	Capun	N/A	Gramps and Charles
Do-335A	Capun	Kesselbrut	Gramps
Fw-189 A Uhu	Veltro2k	Kesselbrut	Veltro2k
Fw-190 A and F	Wolf257	Wolf257	Wolf257 and Charles
Fw-190 D	Capun	Wolf257	Gramps and Charles
Heinkel He-111H	Capun	N/A	GCDG and AllenJB
Heinkel He-162 A	Geo	Geo	Geo

Henschel Hs-123A	Capun	Wolf257	Gramps and Charles
Henschel Hs-129B	Capun	Kesselbrut	Gramps and Charles
Il-2m3 and Il-2m3M	Capun	Kesselbrut	Gramps and Charles
IAR 80A and 81C	Pasko	Kesselbrut	Pasko and Charles
IAR (PZL) P-11f	Zur	Zur	Charles
Ju-52/3m	Capun	N/A	Gramps and Charles
Ju-87B, D & G Stuka	Pasko	Kesselbrut	Gramps
Ju-88A	Capun	Kesselbrut	Gramps and Charles
LaGG-3	Capun	Kesselbrut	Charles
La-5 and La-5FN	Capun	Kesselbrut	Charles
La-7	Capun	Kesselbrut	Gramps
Letov S-328	MontyCz	MontyCZ	MontyCz
Lisunov Li-2	Capun	N/A	Gramps and Charles
Macchi C.200	Capun	Kesselbrut	Gramps and Charles
Macchi C.202	Capun	Kesselbrut	Gramps and Charles
Me-262 A	Capun	Kesselbrut	Gramps and Charles
Me-410 A and B	Capun	Kesselbrut	Gramps and Charles
MiG-3	Capun	Kesselbrut	Gramps and Charles
P-39N & P-39Q	Wolf257	Kesselbrut	Charles
Petlyakov Pe-2	Capun	Kesselbrut	Gramps and Charles
Petlyakov Pe-8	Veltro2k	N/A	Veltro2k
Polikarpov I-152	Capun	Wolf257	Charles
Polikarpov I-153	Capun	Wolf257	Charles
Polikarpov I-16s	Wolf257	Wolf257	Charles
Polikarpov R-Z	Capun	Wolf257	Charles
Sukhoi Su-2	Capun	Kesselbrut	Charles
Tupolev SB-2	Capun	N/A	Charles
Yak-1 and 7	Capun	Kesselbrut	Charles
Yak-3 and -9U	Pasko	Kesselbrut	Pasko and Charles
Yak-9D and -9T	Capun	Kesselbrut	Charles
Aircraft	Aircraft creator	Cockpit	Skins

Terrain and ground objects:

Completely new Russian terrain with full seasonal variations by Edward, and a wealth of new Russian Front ground objects by the A-Team, Geo, Kesselbrut, Major Lee, Pasko, Russo and Rebel Ryder. New cloud effects by Shrikehawk, and parachuting pilot effect by Stary.

Other bits and pieces:

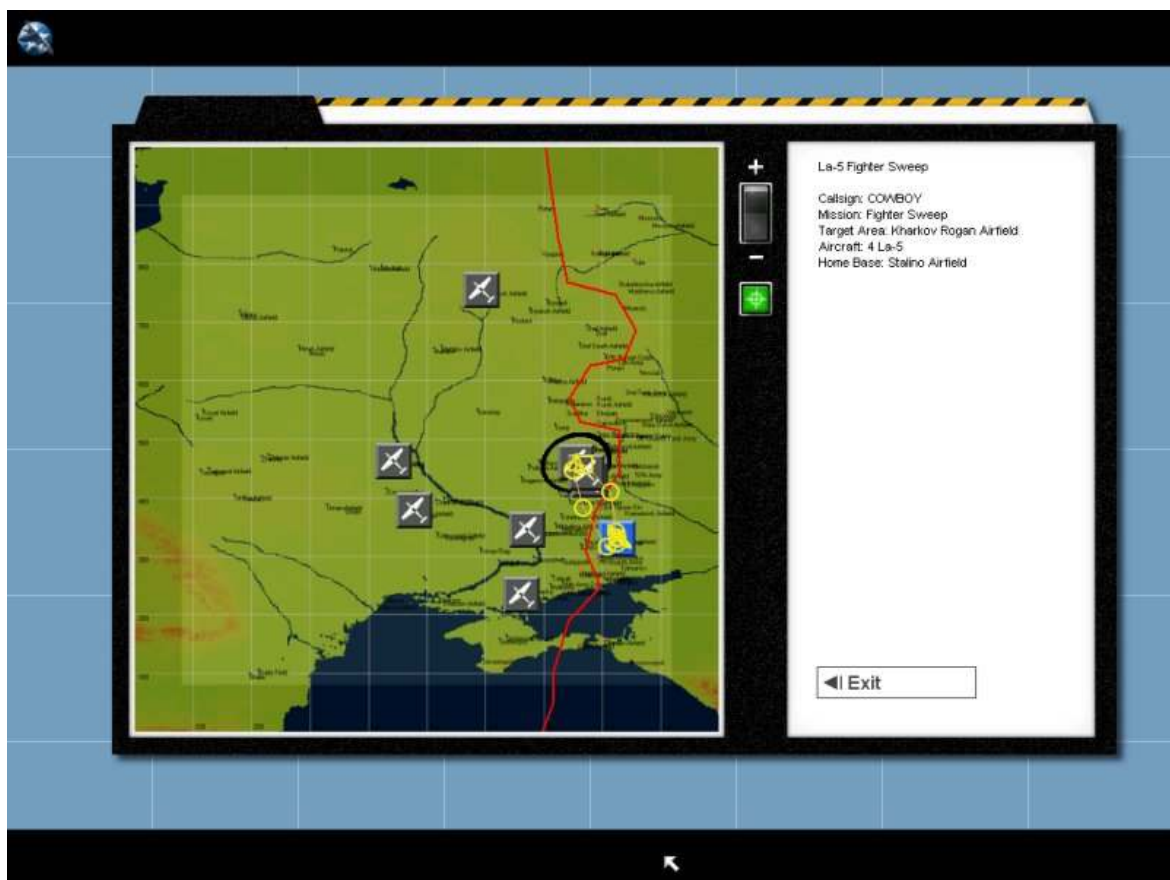
Screens, Medals, Music, Sounds, Weapons Pack and other bits and pieces, and overall development, by Charles.

Thanks:

Many thanks to TK for creating this open and moddable sim, and for encouraging developments like this, and to the whole community for creating objects and sharing them for community use. If we have omitted anyone relevant from these Credits, it was by mistake. Let us know and we will fix it.

Visit the A-Team website at <http://cplengineeringllc.com/SFP1/>
or the forum at http://cplengineeringllc_bb.cplengineeringllc.com/Forum/
Any queries about this Mod can be posted at the forum.

The A-Team
VE Day (8 May) 2010



Single missions

The custom missions included with the Wings over Russia mod are non-historical. What we have tried to do is give a flavor of aerial combat on the Eastern Front, between typical aircraft at each date. We hope that people will create more missions for this Mod, and post them at the forum for all to enjoy.

The full list of the single missions included is as follows:

1. First Mission Set: Moscow Counter-attack, Winter 1941

Mission: Moscow-R1

Date: 11/26/41

Time: 14:30

Player Plane: Yak-7

Objective: Your flight of (8) Yak-7 is tasked to escort a flight of (8) Su-2 supporting advancing T-34 tanks. A column of Panzer IVa with the support of (4) Bf-109E-7 is defending the attack.

Mission: Moscow-R2

Date: 11/26/41

Time: 14:30

Player Plane: LaGG-3

Objective: Your flight of (8) LaGG-3 is tasked to escort a flight of (8) I-153 supporting advancing BA-6 armoured cars. A column of Panzer II light tanks with the support of (4) Bf-109E-7 is defending the attack.

Mission: Moscow-R3

Date: 11/26/41

Time: 14:30

Player Plane: LaGG-3

Objective: Your flight of (8) LaGG-3 is tasked to escort a flight of (8) I-153 supporting advancing KV-1 tanks. A column of StuG III assault guns with the support of (4) Bf-109E-7 and (4) Ju-87B is defending the attack.

Mission: Moscow-R4

Date: 11/26/41

Time: 14:30

Player Plane: Yak-7

Objective: Your flight of (8) Yak-7 is tasked to escort a flight of (8) Su-2 supporting advancing KV-2. A column of Panzer IVa with the support of (4) Bf-109E-7 and (4) Ju-87B is defending the attack.

Mission: Moscow-G1

Date: 11/26/41

Time: 14:30

Player Plane: Bf-109E-7

Objective: Your flight of (4) Bf-109E-7 is tasked to support a column of Panzer IVa being attacked by (8) Su-2 escorted by (8) Yak-7

Mission: Moscow-G2

Date: 11/26/41

Time: 14:30

Player Plane: Bf-109E-7

Objective: Your flight of (4) Bf-109E-7 is tasked to support a column of Panzer IVa being attacked by (8) I-153 escorted by (8) LaGG-3

Mission: Moscow-G3

Date: 11/26/41

Time: 14:30

Player Plane: Ju-87G

Objective: Your flight of (4) Ju-87B escorted by (4) Bf-109E-7 is tasked to support a column of StuG III assault guns being attacked by KV-1 tanks and (8) Su-2 escorted by (8) Yak-7

Mission: Moscow-G4

Date: 11/26/41

Time: 14:30

Player Plane: Ju-87G

Objective: Your flight of (4) Ju-87B escorted by (4) Bf-109E-7 is tasked to support a column of Panzer IVa being attacked by T-34 tanks and (8) I-153 escorted by (8) LaGG-3

2. Second Mission Set: German Crimean offensive around September 1942**Mission: Crimea-R1**

Date: 09/18/1942

Time: 14:30

Player Plane: I-153

Objective: Your flight of (18) I-153 is tasked to destroyed advancing Panzer IIc's tasked to capture Kerch. You have an escort of (8) I-16-18. There is a flight of (4) Slovak Avia B-534 biplanes providing support to the Panzers.

Mission: Crimea-R2

Date: 09/18/1942

Time: 14:30

Player Plane: I-16-18

Objective: Your flight of (8) I-16-18 is tasked to escort a flight of (8) I-153 attacking and advancing column of Panzer IIc with and escort of (4) Slovak Avia B-534 biplanes.

Mission: Crimea-R3

Date: 09/18/1942

Time: 14:30

Player Plane: Yak-1

Objective: Your flight of (8) Yak-1 is tasked to escort a flight of (8) Su-2 attacking and advancing column of Panzer IVa with and escort of (4) Bf-109F-4

Mission: Crimea-R4

Date: 09/18/1942

Time: 14:30

Player Plane: Yak-7

Objective: Your flight of (8) Yak-7 is tasked to escort a flight of (8) Su-2 attacking and advancing column of Opel Trucks with and escort of (4) Romanian Bf-109G-2

Mission: Crimea-R5

Date: 09/18/1942

Time: 14:30

Player Plane: LaGG-3

Objective: Your flight of (8) LaGG-3 is tasked to escort a flight of (8) I-153 attacking and advancing column of Troops in Opel Trucks with and escort of (4) Bf-109E-7

Mission: Crimea-R6

Date: 09/18/1942

Time: 14:30

Player Plane: La-5

Objective: Your flight of (8) La-5 is tasked to escort a flight of (8) SB-2 attacking and advancing column of Panzer III tanks with an escort of (4) Romanian Bf-109G-2

Mission: Crimea-R7

Date: 09/18/1942

Time: 14:30

Player Plane: MiG-3

Objective: Your flight of (8) MiG-3 is tasked to escort a flight of (8) I-153 attacking and advancing column of Opel Trucks with and escort of (4) Slovak Bf-109E-7

Mission: Crimea-G1

Date: 09/18/1942

Time: 14:30

Player Plane: Bf-109E-7

Objective: Your flight of (4) Bf-109E-7 is tasked to intercept a flight of (8) I-153 escorted by a flight of (8) I-16-18. You are supporting a column of Panzer IIc

Mission: Crimea-G2

Date: 09/18/1942

Time: 14:30

Player Plane: Bf-109E-7

Objective: Your flight of (4) Bf-109E-7 is tasked to intercept a flight of (8) I-16-18 escorting a flight of (8) I-153. You are supporting a column of Panzer IIc

Mission: Crimea-G3

Date: 09/18/1942

Time: 14:30

Player Plane: Bf-109F-4

Objective: Your flight of (4) Bf-109F-4 is tasked to intercept a flight of (8) Su-2 escorted by a flight of (8) Yak-1. You are supporting a column of Panzer IVa

Mission: Crimea-G7

Date: 09/18/1942

Time: 14:30

Player Plane: Bf-109G-2

Objective: Your flight of (4) Bf-109G-2 is tasked to intercept a flight of (8) I-153 escorted by a flight of (8) MiG-3. You are supporting a supply column of Opel Trucks

3. Third Mission Set: Kursk Salient, Summer 1943

Mission: Kursk-R1

Date: 6/2/43

Time:

Player Plane: La-5FN

Objective: Your flight of (8) La-5FN is tasked to escort a flight of (8) IL-2m3M attacking and advancing column of Panzer IVJ with and escort of (4) Fw-190A-4. There is a column of T-34 tanks attacking the Panzers.

Mission: Kursk-R2

Date: 6/2/43

Time: 14:30

Player Plane: La-5FN

Objective: Your flight of (8) La-5FN is tasked to escort a flight of (8) IL-2m3M attacking and advancing column of German Tanks and Halftracks with an escort of 2 flights of (4) Fw-190A-4. Russian Ground units are defending Kursk and poised for a counterattack. There are other Russian air units attacking the German column.

Mission: Kursk-R5

Date: 8/18/43

Time: 16:00

Player Plane: IL-2m3

Objective: Your flight of (6) IL-2m3 Sturmovik is tasked to support a Soviet tank thrust near Poltava. There are Hs-129 B2 engaged with the attacking tanks as you arrive.

Mission: Kursk-G1

Date: 6/2/43

Time: 14:30

Player Plane: Fw-190A-4

Objective: Your flight of (4) Fw-190A-4 is tasked to intercept a flight of (8) IL-2m3M with an escort of (8) La-5FN attacking your advancing Panzer IVG.

Mission: Kursk-G2

Date: 6/2/43

Time: 14:30

Player Plane: Fw-190A-4

Objective: Your flight of (4) Fw-190A-4 with the support of another flight of (4) Fw-190A-4 is tasked to intercept a flight of (8) IL-2m3M escorted by (8) La-5FN attacking and advancing column of German Tanks and Halftracks. Russian Ground units are defending Kursk and poised for a counterattack. There are other Russian air units attacking the German column.

Mission: Kursk-G3

Date: 6/2/43

Time: 14:30

Player Plane: Ju-87G

Objective: Your flight of (4) Ju-87G with the support of a flight of (4) Fw-190A-4 is tasked to destroy a column of T-34 attacking a column of Panzer IVG

Mission: Kursk-G4

Date: 7/14/43

Time: 10:30

Player Plane: Fw-190A-4

Objective: Your flight of (4) Fw-190A-4 is tasked to support a squadron of (12) Ju-87G supporting the retreat of a column of halftracks being pursued by a column of troop carrying trucks. This mission is a semi-historical re-enactment of Norbert Hanning mission over Kursk, what he did not know is that the retreating German troops had been under the command of his older brother Kurt who was killed in the engagement. Hanning was flying in 5 Staffel, II Gruppe of JG-54.

Mission: Kursk-G5

Date: 8/18/43

Time: 16:00

Player Plane: Hs-129 B2

Objective: Your flight of (6) Hs-129 is tasked to destroy a Soviet tank thrust near your airbase at Poltava. There are Il-2 Sturmoviks engaged with the defending Panzers as you arrive.

4. Fourth Mission Set: Attack on Berlin 1945

Mission: Berlin-R1

Date: 4/2/45

Time: 14:30

Player Plane: La-7

Objective: Your flight of (8) La-7 is tasked to escort a flight of (8) IL-2m3M attacking an advancing column of Tiger I, there is a flight of (4) Fw-190A-6 flying CAP. There is a column of IS-1 Stalin tanks attacking Berlin

Mission: Berlin-R2

Date: 4/2/45

Time: 14:30

Player Plane: Yak-9D

Objective: Your flight of (8) Yak-9D is tasked to escort a flight of (8) IL-2m3M attacking an advancing column of Panther tanks, there is a flight of (4) Fw-190A-6 flying CAP. There is a column of IS-2 Stalin tanks attacking Berlin

Mission: Berlin-R3

Date: 4/2/45

Time: 14:30

Player Plane: La-7

Objective: Your flight of (8) Yak-9D is tasked to escort a flight of (8) IL-2m3M attacking an advancing column of Panther tanks, there is a flight of (4) Fw-190A-6 flying CAP. There is a column of Su-122 assault guns attacking Berlin

Mission: Berlin-G1

Date: 4/2/45

Time: 14:30

Player Plane: Fw-190A-6

Objective: Your flight of (4) Fw-190A-6 is flying CAP over Berlin, supporting an advancing column of Pz V Panther tanks. There is a column of IS-2 Stalin tanks attacking Berlin with (8) La-7 escorting a flight of (8) IL-2m3M attacking the Panzers.

Mission: Berlin-G2

Date: 4/2/45

Time: 14:30

Player Plane: Do-335A

Objective: Your flight of (4) Do-335A is flying CAP over Berlin, supporting an advancing column of Jagdtigers. There is a column of ISU-152 assault guns attacking Berlin with (8) La-7 escorting a flight of (8) Pe-2 attacking the assault guns.

Mission: Berlin-G3

Date: 4/2/45

Time: 14:30

Player Plane: Fw-190D-9

Objective: Your flight of (4) Fw-190D-9 is flying CAP over Berlin, supporting an advancing column of Tiger II tanks. There is a column of IS-2 Stalin tanks attacking Berlin with (8) La-7 escorting a flight of (8) IL-2m3M attacking the Panzers.

Mission: Berlin-G4

Date: 4/2/45

Time: 15:30

Player Plane: Me-410 B2

Objective: Your flight of (2) Me-410 B2 is tasked with a dusk interception of an incoming flight of Pe-8 heavy bombers. You start the mission having just taken off from the target, Gatow airbase.

5. Fifth Mission Set: Ukraine 1941-1945: Dogfights over the Dniepr**Mission: Ukraine-R1**

Date: 9/18/1941

Time: 08:30

Player Plane: I-152

Objective: Your flight of (3) I-152 is tasked to intercept a flight of (3) Slovak Avia B-534 biplanes escorting a flight of (4) Letov Š-328 bombers over the Dniepr river near Kiev.

Mission: Ukraine-R2

Date: 10/18/1941

Time: 08:30

Player Plane: I-16-18

Objective: Your flight of (3) I-16 is tasked to intercept a flight of (4) Romanian PZL P-11f fighters escorting a flight of IAR-80A fighter-bombers over the Dniepr river near Kiev.

Mission: Ukraine-R3

Date: 9/18/1942

Time: 09:30

Player Plane: La-5

Objective: Your flight of (3) La-5 is tasked to intercept a flight of (3) Bf-109 F4 escorting a flight of (4) Junkers Ju-52 transports over the Dniepr river near Kiev.

Mission: Ukraine-R4

Date: 9/18/1943

Time: 08:30

Player Plane: P-39N

Objective: Your flight of (6) P-39N Airacobra is tasked to intercept a flight of (6) Hungarian Bf-109 G6 escorting a flight of (6) Heinkel He-111 H6 bombers over the Dniepr river near Kiev.

Mission: Ukraine-R5

Date: 9/18/1944

Time: 08:30

Player Plane: Yak-3

Objective: Your flight of (6) Yak-3 is tasked to intercept a flight of (4) Fw-190 A6 escorting a flight of (6) Henschel Hs-129 over the Dniepr river near Kiev.

Mission: Ukraine-G1

Date: 9/18/1941

Time: 15:30

Player Plane: Avia B-534

Objective: Your flight of (3) Avia B-534 is tasked to intercept a flight of (3) I-152 biplanes while a flight of (4) Letov Š-328 bombers over the Dniepr river near Kiev.

Mission: Ukraine-G2

Date: 10/18/1941

Time: 08:30

Player Plane: PZL P-11f

Objective: Your flight of (3) PZL P-11f is tasked to intercept a flight of (3) I-16 while escorting a flight of IAR-80A fighter-bombers over the Dniepr river near Kiev.

Mission: Ukraine-G3

Date: 7/18/1942

Time: 15:30

Player Plane: Bf-109 F4

Objective: Your flight of (3) Bf-109 F4 is tasked to intercept a flight of (3) La-5 while escorting a flight of (4) Junkers Ju-52 transports over the Dniepr river near Kiev.

Mission: Ukraine-G4

Date: 9/18/1943

Time: 08:30

Player Plane: Bf-109 G6

Objective: Your flight of (6) Bf-109 G6 is tasked to intercept a flight of (6) P-39N Airacobra while escorting a flight of (6) Heinkel He-111 H6 bombers over the Dniepr river near Kiev.

Mission: Ukraine-G5

Date: 9/18/1944

Time: 13:30

Player Plane: Yak-3

Objective: Your flight of (4) Fw-190 A6 is tasked to intercept a flight of (6) Yak-3 while escorting a flight of (6) Henschel Hs-129 over the Dniepr river near Kiev.