WIESEL 2 LeFlaSys (Ozelot & AFF & BF/UF)

The German Army’s Wiesel (light anti-aircraft system) is one of the most up-to-date anti-aircraft systems in the world for very close to close ranges. Airborne targets can be tracked, identified, and acquired up to a distance of 28,000 m and an altitude of 3,500 m and successfully engaged up to a distance of 6,000 m and an altitude of 3,500 m. In addition it is highly mobile and can be transported by air in the CH 53 or C 130 “Transall”. The system consists of different vehicles, which together form the LeFlaSys. The vehicles are based on the Wiesel (Wiesel 2) and the light Lkw gl “Wolf” truck. The Wiesel 2 is the lengthened and modified version of the Wiesel 1, a lightly armoured tracked vehicle that offers protection against hand weapons and machine gun fire. For self-defence the Wiesel 2 has an NBC protection and ventilation system, a 762 mm MG3 and a smoke grenade discharger. It is driven by a 4 cylinder TDI engine.

The AFF (reconnaissance, command and control vehicle) on the Wiesel 2 is the eyes and brain of the system. Its 3-0 radar acquires targets and transfers the target data by infra-red and infra-red anti-aircraft equipment to the “Ozelot” weapons carrier, which then launches up to four guided missiles. The AFF is capable of coordinating the fire control of up to eight “Ozelot”. The “Ozelot” weapon carrier, also on a Wiesel 2, has a turret that traverses through 360°, MLS (Multi-Linear-Scanner) system, that carries four type FM 92 “Stinger” or “Iglu” guided missiles. In addition the MLS contains a sensor block with a high-power TV camera, a temperature entropy device and a laser range finder. It also has available an IR panoramic search system. Should the connection to the AFF be interrupted, the “Ozelot” can independently seek and engage enemy aircraft with this surveillance and targeting equipment. Four other guided missiles are carried as an ammunition store in the rear stowage container. Five “Ozelot” and one AFF form a convoy, three convoys form a battery (Brct) which includes two Battery Command/Support Cell vehicles (BF/UF) also on Wiesel 2. An interface vehicle and maintenance vehicles, likewise on light “Wolf” Lkw gl trucks, complete the equipment.

The first system was handed over in 2001. The German Army procured 50 “Ozelot” weapons platforms, 10 AFFs and 7 BF/UFs.

Wiesel 2 is produced by Rheinmetall Landsysteme GmbH, a sister company of Rheinmetall AG, in charge of development and production of armoured tracked vehicles as well as of turret systems. The LeFlaSys has been developed in collaboration with Rheinmetall Defence Electronics and Krauss-Maffei Wegmann.

Technical data on “Ozelot”
Length: 4,150 mm, Weight: 4,100 kg, Capacity: 81 kW (110 hp), Crew: 2, Top speed: 70 km/h, Range: 550 km, Armament: FM 92 “Stinger” or “Iglu” and 352 mm MG3.

Technical data on “AFF”
Length: 4,150 mm, Capacity: 81 kW (110 hp), Crew: 2, Top speed: 70 km/h, Range: 550 km, Armament: 762 mm MG3.

Technical data on “BF/UF”
Length: 4,160 mm, Capacity: 81 kW (110 hp), Crew: 3, Top speed: 70 km/h, Range: 550 km, Armament: 762 mm MG3.

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Verwendete Symbole / Used Symbols

Bitte beachten Sie bitte, dass einige Symbole, die in dieser Broschüre verwendet werden, nicht in allen Standards oder Regelwerken enthalten sind. Die in dieser Broschüre verwendeten Symbole sind jedoch in der Regel in den meisten industriellen Kontexten als akzeptiert zu betrachten.

Achtung: In Wasser erwärmte und ablingende
diebstahlgeschützte Elektroden
Statt der angeschlossenen Elektroden
sind die bereits angeschlossenen Elektroden
schneller, dass ein zu schneller Abbrand zu
folgen. Die Vergleichsprüfung wird daher
auf den sechsten Niveau erhöht.

Zusammenfassung

- Die Broschüre enthält Informationen über die Verwendung von Elektroden und Elektrodenbränden.
- Die Broschüre wird von der Firma Revell GmbH vertrieben.
- Die Broschüre ist auf deutsch verfasst.
- Die Broschüre ist eine Hilfsmittel für den Benutzer, um die Verwendung von Elektroden zu optimieren.
### Benötigte Farben / Used Colors

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<th>Farbennummer</th>
<th>Farbcode</th>
<th>Farbname</th>
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<td>Braun (braun)</td>
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<td>100203</td>
<td>Schwarz (schwarz)</td>
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### Sicherheitstext

**Beiliegende Sicherheitstext beachten / Please note the enclosed safety advice**

**D:** Beiliegenden Sicherheitstext beachten und nachschlagewürdig halten. (Please note the enclosed safety advice and keep it in a safe place for future reference.)

**GB:** Please note the enclosed safety advice and keep it in a safe place for future reference.

**FR:** Respectez les consignes de sécurité ci-jointes et conserver à portée de main.

**NL:** Blijf bij de gevorderde veiligheidsinstructies en houd ze bij de hand.

**IT:** Leggere attentamente la seguente istruzione e conservare a portata di mano.

**ES:** Lea cuidadosamente las siguientes instrucciones y guardelas a la mano.

**PT:** Leia cuidadosamente as instruções e mantenha-as sempre à mão.

**HI:** बीलीडिंग पेंट के साथ सुरक्षा निरीक्षणों वाला पत्र पढ़ें और खराब में रखें।

**RU:** Прочитайте безопасные указания, сопровождающие установку, и храните их в доступном месте.

**PL:** Czytaj uważnie instrukcje bezpieczeństwa z montażem i przechowuj je w zasięgu ręki.

**DE:** Lesen Sie die beiliegenden Sicherheitshinweise und bewahren Sie sie an einem sicheren Ort für zukünftige Bezugnahme.

**GB:** Lese die beigelegten Sicherheitshinweise und bewahren Sie sie an einem sicheren Ort für zukünftige Bezugnahme.

**ES:** Lea con atención las instrucciones de seguridad adjuntas y guarde las en un lugar accesible.

**IT:** Leggere attentamente le istruzioni di sicurezza fornite e conservarle a portata di mano.

**PL:** Czytaj uważnie instrukcje bezpieczeństwa i przechowuj je w zasięgu ręki.

**RU:** Прочитайте инструкции безопасности, прилагаемые к установке, и храните их в доступном месте.

**JA:** 証書に収録した安全に関する指針をよくお読みください。

**KO:** 안전 관련 지침을 읽으십시오.

**ZH:** 仔细阅读附带的安全说明，并将其保存在触手可及的地方。

**AR:** قراءة وحفظ التعليمات المرفقة بعناية.

**FR:** Lisez attentivement les instructions de sécurité jointes et conservez-les à portée de main.

**NL:** Lees de begeleidende veiligheidsinstructies en houd ze bij de hand.
41 LeFlaBttr. 300, Hardheim, 2009 (Heer)

42 Flugabwehraketengruppe 61, Todendorf, 2013 (Luftwaffe)
33 LeFlaBttr. 300, Hardheim, 2009 (Heer)

34 Flugabwehr balken 61
Todendorf, 2013 (Luftwaffe)
40
LeFlaBtr 300, Hardheim, 2009 (Heer)

41
Flugabwehrraketengruppe 61, Todendorf, 2013 (Luftwaffe)