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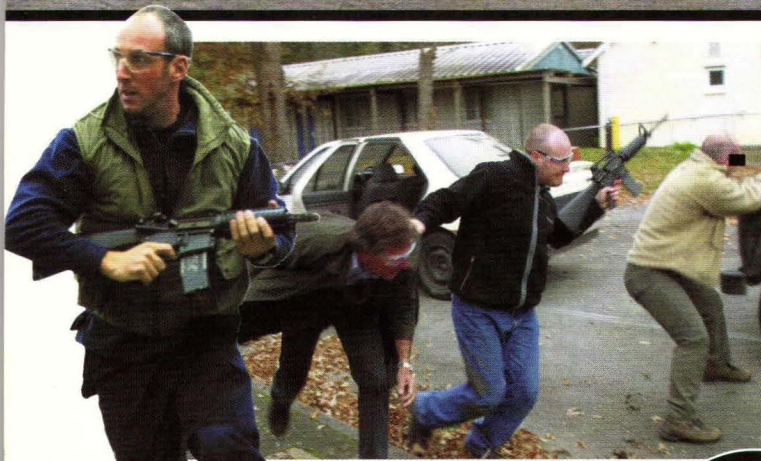
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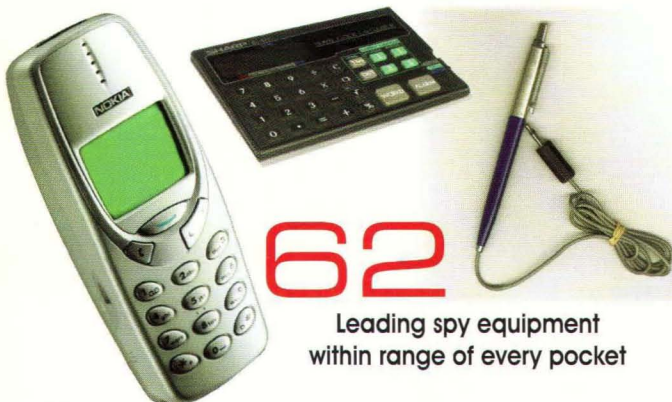
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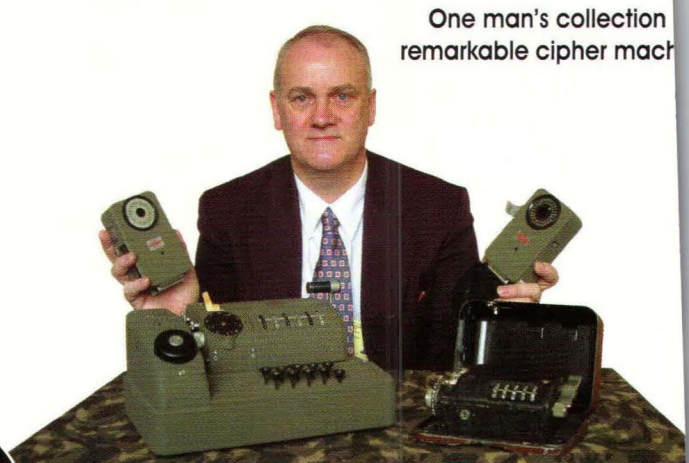
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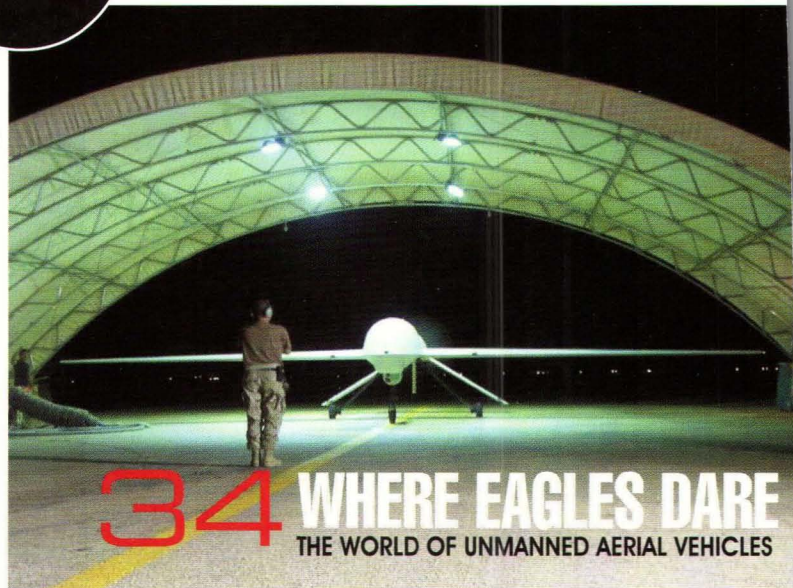
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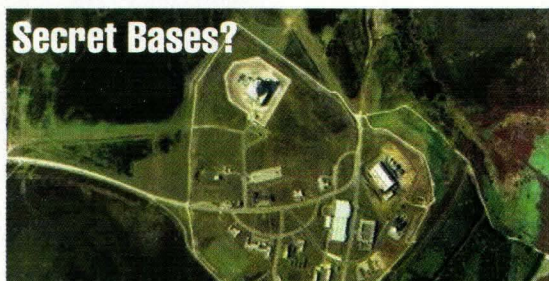
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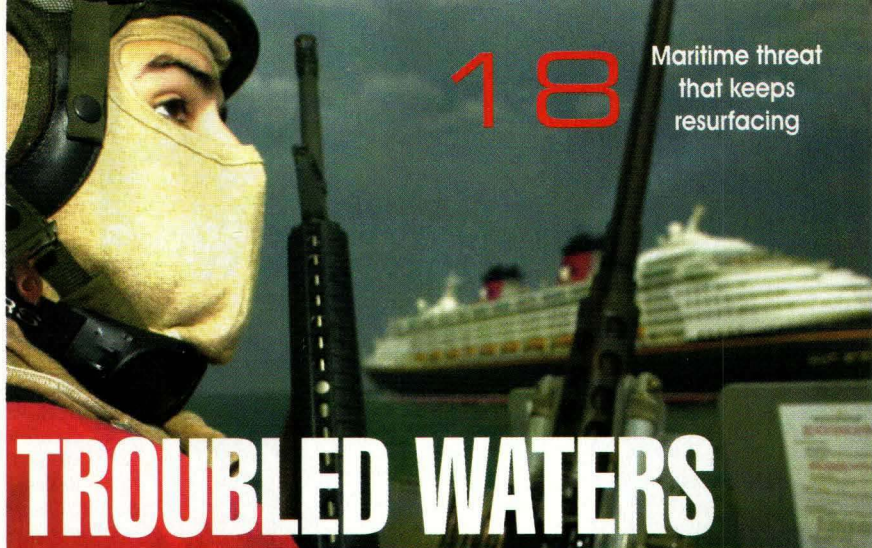
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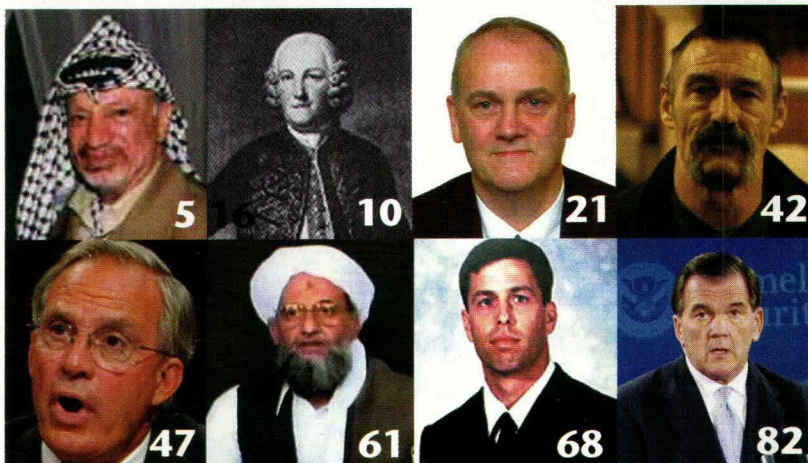


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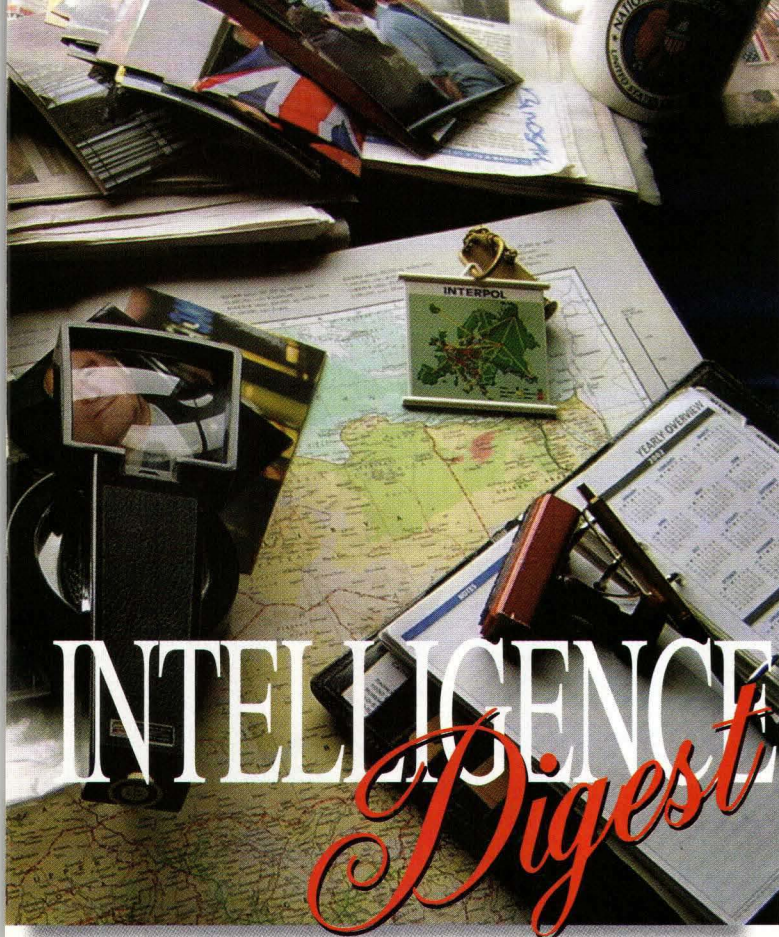


In recent years remotely piloted vehicles (RPVs), or unmanned aerial vehicles (UAVs), have started to play a very significant role in gathering intelligence. Now scientists are on the verge of creating robot drones that will be able to think for themselves in a battlefield environment. Two American firms have recently tested technology whereby UAVs will engage enemy troops in any environment, without hurting friendly forces. In this case, troops carried a sensor that distinguished them from the enemy. UAVs are seen everyday over Iraq. Some are as large as small aeroplanes, others pack into a suitcase.

It is also evident that the success of remotely controlled vehicles has not gone unnoticed in the intelligence world. It has come to our attention that a nation has already developed a UAV that is as small as an insect and is being tested to enter buildings, record and transmit images.

The gap between science fiction and reality is narrowing every year. In 2005 we might just be made privy to some of these remarkable developments. If the powers that be make public such information, one can only imagine what the boffins at MI6 and CIA are on the verge of creating...

Mark Ian Birdsall - Editor



INTELLIGENCE *Digest*

CIA 'Snatch Squads' and Spies Inside Al-Qaida

Information released from a previously closed-door briefing of the Senate Intelligence Committee, reveals that the CIA did have a number of 'low-level' agents inside certain parts of al-Qaida. However, the 103-pages of declassified material from 11 June 2002, seems to demystify the theory that the agency knew where Osama bin-Laden was. Similarly, it also squashes the sceptics view that the CIA had knowledge of al-Qaida's movements around the time of 9/11 and what bin-Laden was about to do.

Although al-Qaida first attacked the World Trade Center in 1993, it took the agency a further six years to place a number of spies inside its periphery. Richard Clarke, a former White House counter terrorism official told the congressional committee investigating 9/11: "None of spies were very high-level. The CIA never had anyone in position to tell us

what was going to happen in advance, or even where bin-Laden was going to be in advance," Clarke said.

There were three occasions when CIA analysts' thought they knew bin-Laden's location. However, on all three occasions the CIA stepped down saying its sources were not good enough, he said. "I think it is very difficult to place human sources high up in al-Qaida. I think it is possible to develop low-level sources. I think it is possible to develop technical means of collection that may provide us with information."

SNATCH SQUADS

Throughout the 1990s the Pentagon discussed the potential of 'snatch squads'. This basically meant CIA teams leaving the shores of North America and capturing terrorist

Bugging Mania?

UK Government agencies launched over 30,000 bugging operations in 12 months

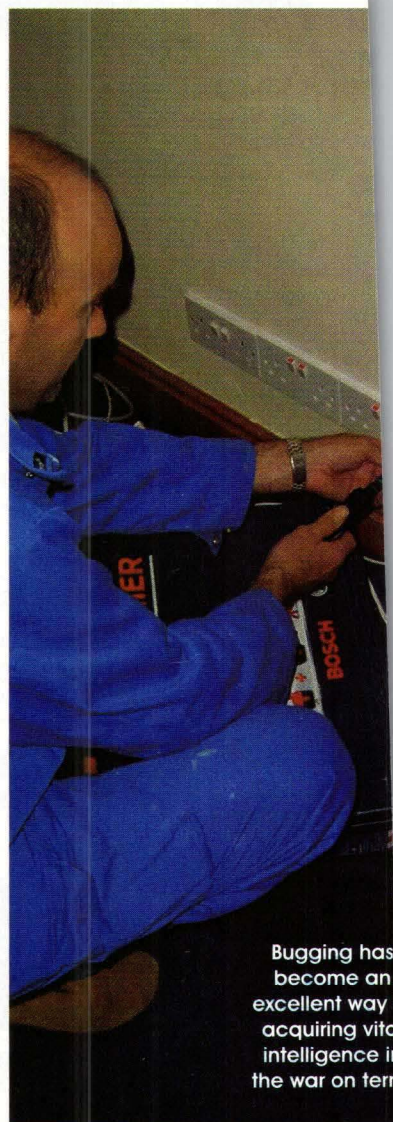
The war on terror, organised crime, drug and people trafficking, money laundering and other outlawed professions meant that law enforcement agencies in the UK were given permission to launch an astonishing 26,986 bugging operations. And the telephone tapping does not stop there. Another 6,398 operations were conducted on behalf of other public

services and 5,907 operations were launched by the police to gather HUMINT (human intelligence). Astonishingly, these figures do not include mainstream or covert bugging intelligence operations by MI5, MI6 and GCHQ (Government Communications Headquarters).

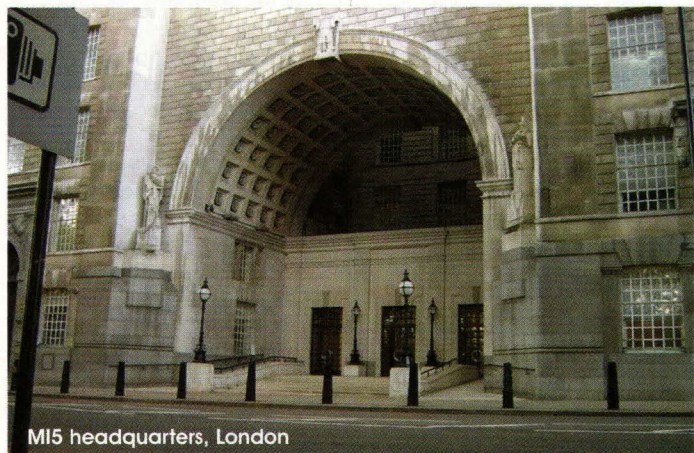
The net result is that as many as 30,000 people were monitored and had some type of listening

device or surveillance operation carried out against them. An intelligence source told Eye Spy that the secret security services (MI5 and MI6), were also involved with protracted operations that may last weeks or even months. During the course of such operations, associates, friends and innocent parties may accidentally be caught up in the 'net', this does not mean their phone lines were bugged as only specific lines can be tapped.

Civil liberty groups believe the figures represent 'overzealous' policing, but many politicians are supportive of the government's efforts to tackle terrorism: Conservative homeland security Patrick Mercer said: "I'm extremely reassured to know that our security services are getting on with the work which we expect them to do. People have got to understand that we are at war and we can only protect ourselves by being pro-



Bugging has become an excellent way of acquiring vital intelligence in the war on terror



MI5 headquarters, London



suspects. However, senior military officials thought this was a bad idea, according to Clarke.

Clarke mentioned that the CIA had tracked a leading al-Qaida operative to Khartoum. "We knew what hotel he was in. We knew what room he was in the hotel."

The CIA, of course, did not have snatch capability and the military leadership told the White House that it would never work, while telling subordinates who had planned an operation that the White House had stopped it, Clarke said.



Home Secretary David Blunkett

active. It is precisely because of this sort of intelligence operation that we have not been attacked so far in this country."

Officials did not say what percentage the levels of phone taps and surveillance operations have risen since 9/11, but the numbers are thought to be significant. Nor would Home Office minister Caroline Flint say how many phone taps permits were denied as the security services endeavour to identify known al-Qaida suspects in the UK and elsewhere.

It is widely believed that Prime Minister Blair will follow President Bush's tough line on security at next year's general election. Home Secretary David Blunkett, a supporter of ID cards, said "sensible pre-emptive measures must be taken against the terrorists." He said that it was important to win the war based on hope, not fear. 'You don't give people hope by missing their fears,' he said.

FOR THE RECORD

Yasser Arafat 1929-2004

Yasser Arafat, born Mohammed Abdel-Rawf Arafat al-Qudwa al-Hussaini, on 4 August 1929, died in a Paris hospital on 11 November 2004..

Arafat passionately sought a homeland for his people but was seen by many Israelis as a ruthless terrorist and a roadblock to peace.

He was first elected head of the Palestine Liberation Organisation (PLO) in 1969 and, for the next five decades, - adorned with his trademark checkered kaffiyeh - was the most prominent face of Palestinian opposition to Israel and the push for



a Palestinian state. The PLO leader had a huge following but his organisation was continually blamed for terrorist acts. In 1988 Yaraafat renounced terrorism.

Years later he became leader of the quasi-governmental Palestinian Authority after parts of the West Bank and Gaza were returned to Palestinian control.

Arafat had been sick with an unknown illness that had been variously described as the flu, a stomach virus or gallstones.

He flew to Paris on 29 October seeking medical treatment and was hospitalised with what Palestinian officials said was a blood disorder. He had been on a respirator since slipping into a coma on 3 November.

Arafat's body was taken from France to Cairo, where the



Egyptian government hosted a state funeral for him. He was later buried in a temporary grave outside the Palestinian Authority headquarters compound in the West Bank city of Ramallah.

French officials, cited privacy laws, and refused to reveal the precise cause of death or the nature of his condition, leading to rumours of poisoning.

The official version of his life history records he was born in Jerusalem. However numerous biographers agree that he was, in fact, born in Cairo, where his father, from Gaza, owned a business.

Dutch Intelligence Service Infiltrated

Murder of Dutch film-maker reveals mole inside agency

Holland's secret service has arrested a suspected mole who was allegedly passing on vital intelligence to an extremist group codenamed the *Hofstad Cell*. The group also has links to the killer of controversial Dutch film-maker, Theo van Gogh, who was murdered by Mohammed Bouyeri. He was arrested along with several other suspected extremists in November. Ironically, the Dutch security service has admitted Bouyeri had been under surveillance since August 2004.

It is understood the mole, a Dutch-born Moroccan identified only as Outmar Ben A, was enlisted as a translator following 9/11. He was arrested in September and has already been charged with passing on vital intelligence on what the Dutch security services knew about the

Hofstad Cell. One of the documents was an intelligence file on a senior leader of the gang, Samir Azzouz. He is an alleged associate of Bouyeri. Azzouz has since been charged with plotting to bomb the Dutch Parliament, Schipol Airport and a nuclear reactor. That link was established when police searched Bouyeri's home after Mr van Gogh's murder.

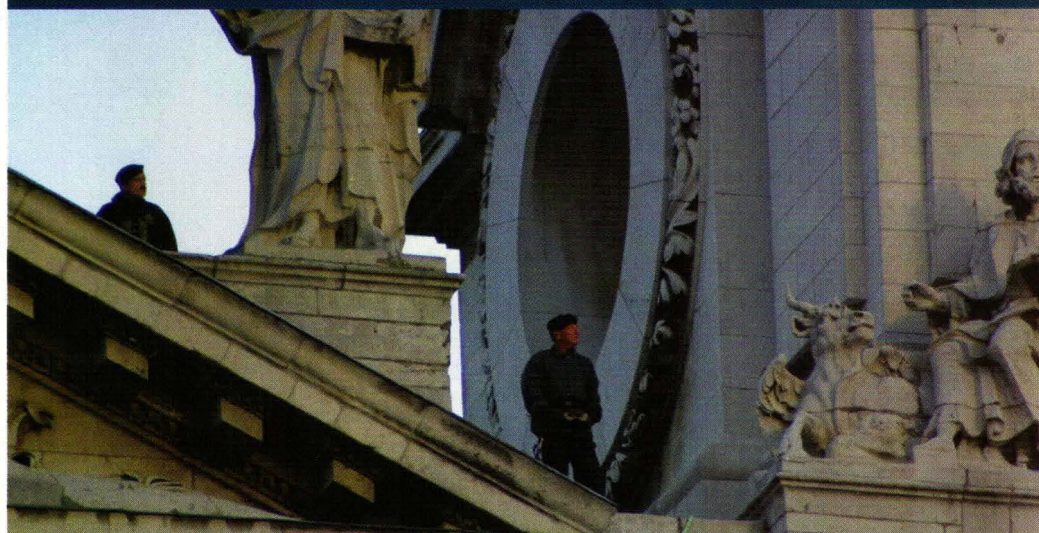
Dutch Parliament in the Hague - known target



Schipol Airport - known target

Bouyeri has been linked to various terrorist groups and incidents, though none more so than the May 2003 Casablanca incident, which resulted in the deaths of 43 people. A raid in October 2003 found nothing, but already the secret service was becoming anxious. One intel file states: "Bouyeri appears to be becoming increasingly radical. His behaviour has changed..."

Shortly after the October raid, an associate had his phone tapped. Bouyeri was heard to say he had removed incriminating documents before police arrived. Bouyeri then had a tap placed on his own phone. The operation ran from July to October. A few weeks later he donned an outside jacket concealing a gun and two knives. He tracked van Gogh down and murdered him.



INTELLIGENCE EXTRA

In the Battle commences takes on media

The court case involving renegade British Politician George Galloway, and *The Daily Telegraph* has begun at the High Court in London.

The case was brought about after the newspaper published alleged documents discovered by one of its reporters in the ruins of the Iraqi Foreign Ministry in Baghdad. The documents

London Airport Security Scan 'A Little Risque'?

A new X-Ray machine on trial at Heathrow Airport has become the centre of attention. Installed at Terminal 4, the machine is at the forefront on new security measures being introduced to thwart terrorism. The scanner reveals weapons, gadgets and a variety of other features, but it also reveals everything else too! Undaunted by this fact, the technology is likely to be introduced at all major airports in the country, if it is proven that the machine can cope with large numbers of people.

The scanner produces an almost naked image of the subject by bouncing X-Rays of the skin. The device is being jointly operated



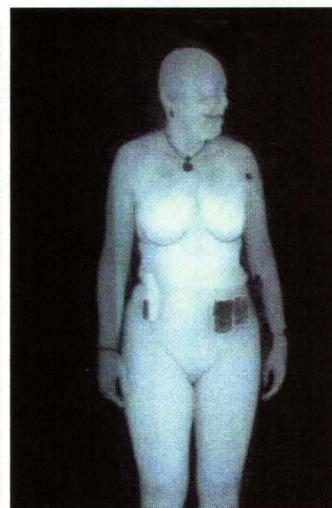
Susan Hallowell

under controlled supervision by the British Airports Authority (BAA) and the Department for Transport (DfT). It was

quietly installed in early October and resembles a grey filing cabinet. People are chosen by random in a curtained area and asked to stand afore the machine. Once photographed and green-lighted, the person's image is immediately removed from the computer.

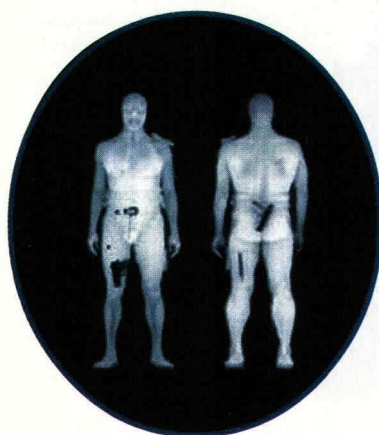
There is little doubt the machine is a huge breakthrough in airport security. The scanner detects outlines of plastic explosives, flat non-metallic objects, plastic knives, solids, ceramics etc. Many conventional metal detectors would simply miss such objects. The scanner will also identify objects that persons carry in their jackets, videos, CDs etc. The operation will do away with most body searches.

Amazingly, airport and transport officials in the United States of America are refusing to test trial the scanner until it finds a more



suitable way to conceal certain parts of the human body! In 2003, Susan Hallowell, director of America's Transportation Security Administration's (TSA), security section, passed through the machine to watching journalists. "It basically makes you look fat and naked, but you see all this stuff," Hallowell had concealed a firearm that was easily recognisable.

Nevertheless, the TSA bowed to external pressure and unless the manufacturers of the scanner can conceal a person's modesty, then the device is unlikely to be seen on American shores.



IRAQ: US and British military intelligence officials working alongside various other units (including medical and forensic specialists), have developed an interesting checklist that helps identify civilians from insurgents and terrorists caught up in the fighting in Iraq. Many fighters in Fallujah, for example, tried to flee the city by simply melting away with innocent civilians caught up in the chaos. However, unbeknown to most of them, simple checks on clothing, hands and body gave them away.

Most of the fighters were untrained and an early visual check is made for bruising around the eyes and upper shoulder joint. Weapon recoil against

of Saddam'

courts as renegade politician
alleged Saddam Hussein links

purportedly show how Mr Galloway, who last year called on British troops to disobey orders in Iraq, received a huge amount of money through the United Nations 'Oil for Food' programme. He allegedly received between 10 and 15 cents (4.5 - 7 pence) of three million barrels of oil every six months with a percentage of the profits from food contracts obtained with the

Iraqi Ministry of Trade. It was alleged Mr Galloway was dissatisfied with these 'very substantial profits' at a meeting held with an Iraqi intelligence agent on 26 December 1999. In total, it was alleged he received £370,000 (\$700,000) from Saddam's regime.

The politician has always vehemently denied the allega-



tions that he was "in the pay of Saddam." Described as 'Saddam's Little Helper', Mr Galloway and *The Daily Telegraph* clashed several times in court over differing views of certain incidents. Mr Galloway said: "I would ask that the court recognises that the *Telegraph* did not act responsibly in publishing the allegations it did about me in the manner that they did. These highly damaging allegations have caused my reputation severe damage which needs to be repaired."

It was newspaper reporter David Blair who found the documents and soon all manner of stories began to emerge. *The Daily Telegraph* alleges Mr Galloway used the Mariam Appeal as a front to conceal covert commercial dealing with Iraq's intelligence service. The appeal was created after the politician brought an Iraqi girl named Mariam Hamza to the UK for treatment.

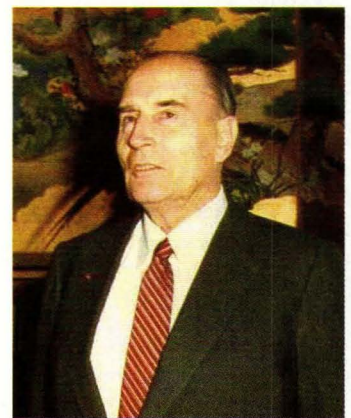
Mr Galloway was a frontline supporter of the 'Stop the War Coalition' and has spoken at many meetings.

After his expulsion from Tony Blair's Labour Party, he established a political movement called *Respect*. The case continues...

THE FRENCH 'WATERGATE'

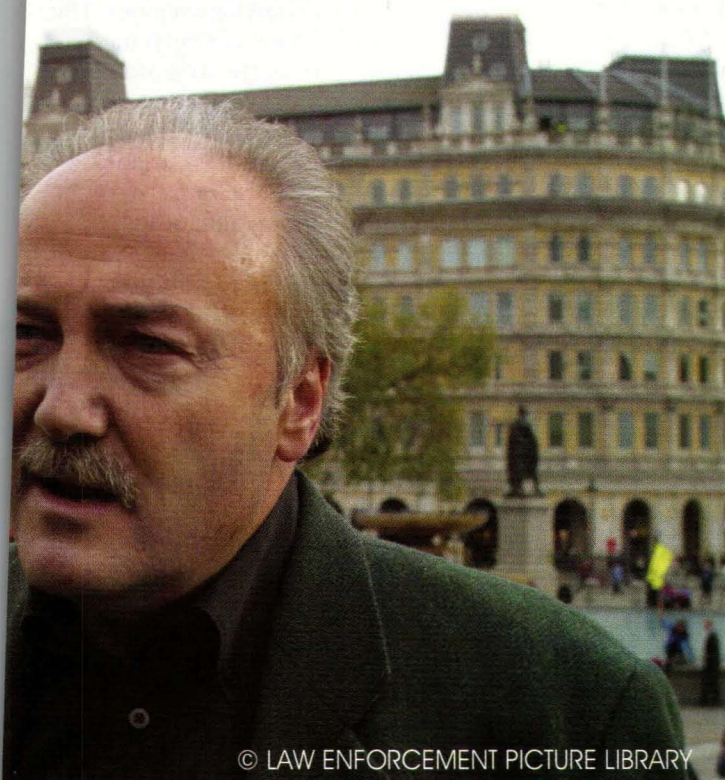
Rogue Intelligence Unit Eavesdropping on the 'Enemy'

PARIS: The trial has begun of 12 former police and security officials who launched a huge eavesdropping operation aimed at the enemies of the late French President Francois Mitterrand. The elite unit was in fact supposed to be an anti-terrorist group based at the Elysee Presidential Palace. However, it later transpired that it was a rogue telephone-tapping operation that "trawled through" thousands of conversations to identify where trouble was brewing, or those who "simply intrigued the President."



The group apparently bugged the telephone lines of "personalities and important figures," including political authors, journalists, lawyers and businessmen. Part of the operation was also used to prevent the public from learning about the existence of Mazarine Pinget, Mitterrand's illegitimate daughter with Anne Pinget, an art curator. She was eventually named about a year before his death in 1995.

When evidence of the ghost unit's work began to emerge, Mitterrand dismissed any suggestion he had ordered the bugging of phone lines. Nevertheless, it has since transpired that other intelligence officials found evidence that one of those put under observance, was none other than Jean-Edern Hallier. He is now dead, but it has since emerged he threatened to reveal Mitterrand's secret life.



© LAW ENFORCEMENT PICTURE LIBRARY

unprotected skin leaves areas of heavy bruising - and the odd black eye where the scope has been repeatedly pressed against the eye socket.

A quick check on the arms and hands immediately reveals powder burns from fired weapons. Similarly, dark debris and burn marks will be present on sleeves, jackets and other clothing. However, insurgents were known to remove clothing and don innocuous garments, but this could not disguise the bruising or powder burns on the skin.

Insurgents using powerful artillery rounds or rocket-propelled grenades are also easily identified. A silver lining around the cuff area is created and burn marks are again obvious.

Deadly Intentions - Key Clues Identify Insurgents and Terrorists from Civilians

New Russian Spy

NOT SO CLAIMS INTELLIGENCE WR

British press reports about the alleged intensification of Russian intelligence operations in Britain were probably written on order, said Igor Prelin, a veteran of the Russian Foreign Intelligence Service. "The articles greatly resemble similar publications and actions in general in many Western countries, including Britain, during Cold War times."

He said that the publications acknowledge the fact that funding for MI5 counterespionage work has been cut in half because resources have been reallocated to deal with terrorism.

Prelin's comments follow intense speculation that Russia has embarked upon developing a major spy ring based in London consisting of over 30 members, most in the guise of diplomats and businessmen. One informed Whitehall source said: "The level of espionage by the Russians in the UK is back to Cold War levels against NATO: it is business as usual for the spies."

A leaked military intelligence document, 'Espionage Threat', based on information provided by M15 and M16, the Secret Intelligence Service, also reveals that Russian spies have been monitoring the movements of military aircraft in the UK. The Russian spy ring is thought to be obtaining vital informa-

tion on military specialists who have access to secret information.

Intelligence sources claim that a number of Russians have quietly left Britain for alleged spying activities. The media has apparently not been informed so that relations with Moscow are not seriously damaged. President Putin vowed to increase his country's spying activities in the West, and it appears that recent events are an indicator that this has already happened. "Putin is reinventing all the old culture of secrecy and foreign espionage," an intelligence watcher said.



ing?



The magazine quotes a number of former KGB spies who worked with Putin, as well as former East German Stasi spy chief Markus Wolf to reach this conclusion. Wolf concludes that Putin was "pretty marginal" while serving the KGB in the city of Dresden from 1985 to 1990.

Another former KGB man, Vladimir Uzzolzev, who worked with Putin in Dresden, says spies spent most of their time writing "senseless reports" and administering huge collections of files. One of Putin's main jobs was to recruit East Germans. Students were often

Masterspy -
Markus Wolf



PUTIN WAS JUST A 'SMALL FISH' IN THE KGB

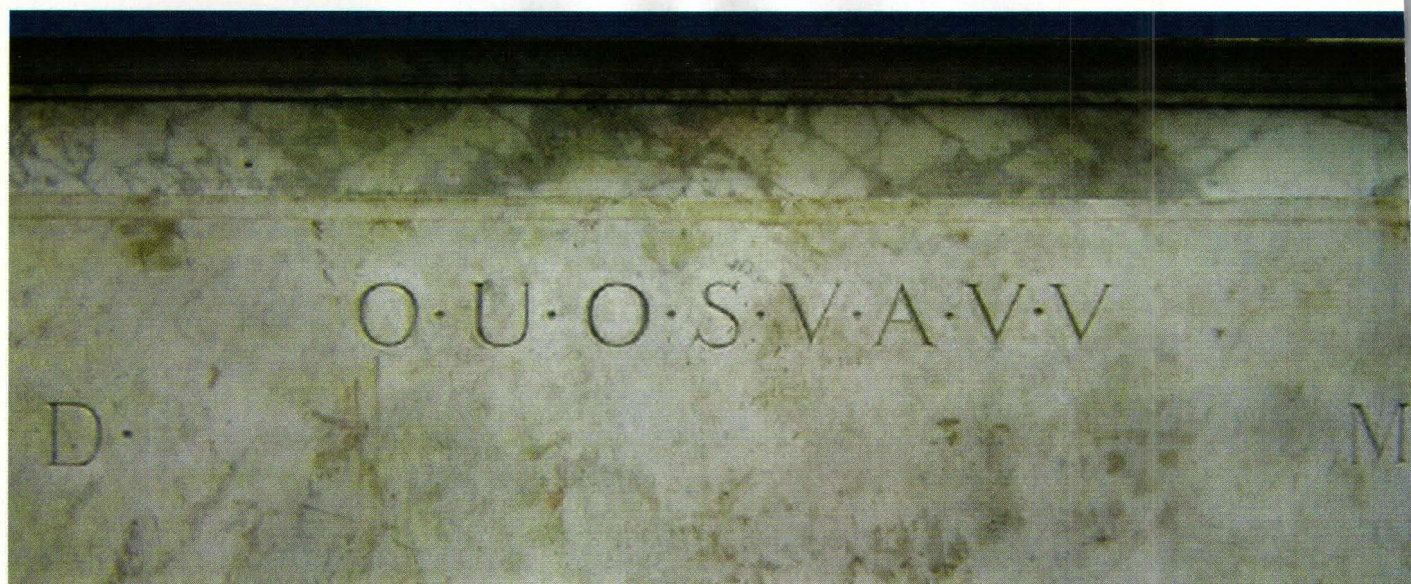
Intelligence experts have long puzzled over what Russia's President Vladimir Putin did during his five years as a KGB officer in former communist East Germany. One German political magazine believes it has the answer: "Not much. Putin was a small fish as a KGB agent," says *Cicero*.

sought to serve as Soviet and Eastern Bloc spies in West Germany, he says.

Putin himself has said little about his years in Dresden during which time he learned excellent German. This has helped him to forge close ties with German Chancellor Gerhard Schroeder.



stop... if you really want to know what
is going on in the world of intelligence
and espionage, there is only one
choice... eye spy magazine
see page 50 for further details... end



FROM HERE TO E

Love, Secret Codes and the

The codebreakers of Bletchley Park, private investigators and historians, were all given an opportunity to solve a 250-year-old mystery that had baffled so many before them - to understand a series of inscriptions carved on the Shepherds' Monument at Shugborough Hall, England, the ancestral home of the earls of Lichfield.

It has long been rumoured that the letters are a secret code that could lead to the Holy Grail.

The genesis of the monument can be traced back to Admiral of the Fleet, George Anson (1697-1762), who travelled the world and amassed a small fortune from captured French ships and their cargo. He was the younger brother of Thomas Anson, the lord of Shugborough Hall, and an ancestor of Patrick Lichfield, the famous photographer and current earl. George Anson won a famous naval battle off Cape Finisterre and collected a reward of £300,000 for capturing a French war ship. It was a King's ransom indeed.

Anson used the money to restore Shugborough and built several monuments in its gardens, one of which is the 'Shepherds' Monument'. A few years later a puzzling inscription was added. Many eminent scholars and historians tried to unravel the cryptic inscription, including Darwin and Dickens, but all failed.



Shugborough Hall, a National Trust building says, "it defies interpretation."

Suffice to say, when the famous codebreakers of Bletchley Park announced a competition to crack the code, it created huge interest and a plethora of explanations - some of which border the bizarre. Now Bletchley have shortlisted two theories which they feel may reveal the answer to the cipher. The first theory is favoured by veteran World War II cryptanalyst Sheila Lawn, 81. She believes the letters represent a Latin phrase in honour of a loved one and it is an ancient love note.

Sheila said: "This is my personal favourite as I met my husband 56 years ago

cracking codes here at Bletchley. I'm a romantic at heart so maybe the Holy Grail Cup is just a cup of love." Her husband Oliver, 86, however, prefers a more mystical solution connected to the Knights Templar, reputed keepers of the Holy Grail. Oliver said: "If I was asked to make a stab at the code I would say it is something to do with secret societies and their mysteries of the time."



Christine Large

The Knights Templar theory has abounded for many years at Shugborough and was supported by many amateur codecrackers around the world who were inspired to contact Shugborough and Bletchley with their own theories on the monument's meaning.

The inscription **D.O.U.O.S.V.A.V.V.M.** on the base of the monument, with a **D** and **M** carved in an offset position to the main letters, is probably a loving memorial in Latin to a wife or mistress.

Mrs Lawn said it was likely the letters stand for two Latin phrases. The centre section, stands for *Optima Uxoris Optima Sorosis Viduus Amantissimus Vovit Virtutibus* - "Best wife, best sister, widower most loving dedicates this manfully". The **D** and **M**, probably stand for *Diis Manibus*, an



Admiral of the Fleet, George Anson (1697-1762)

ERNITY... y Grail



Shepherds' Monument

inscription often found on Roman tombs, which means "Into the hands of death".

In all likelihood, the inscription was dedicated to a woman by George Anson, though not necessarily to his lover. However, there are a number of candidates, including Isabella, the Ansons mother, and their sister, who had a son.

Elizabeth Anson, George's wife, who died in 1760, was also suggested. The inscription appears to date from 1748.

The Shepherd's Monument itself is a beautiful marble tablet, some 20 feet high and depicts a mirror image likeness of a painting by artist Nicholas Poussin showing a group of shepherds and shepherd-

esses contemplating the next world. Beneath the tablet lies the inscription added by Thomas, laid out on two lines with ten letters separated by dots - indicating that whole words follow each letter.

Poussin was rumoured to be a Grand Master of the Knights Templar and the original painting, now housed in the Louvre, has caused much speculation over its masonic symbolism. Dan Brown used inspiration from the piece to come up with his bestselling novel *The Da Vinci Code*, while bookshelves in shops are filled with non-fiction purporting to link the painting with mysterious orders and the Holy Grail.

Over 100 entries were examined by Bletchley Park, including a theory put forward by a US Defense Department analyst. He believes that it is an encryption of "Jesus H Defies", a message that Jesus was not the son of God. The H, he be-

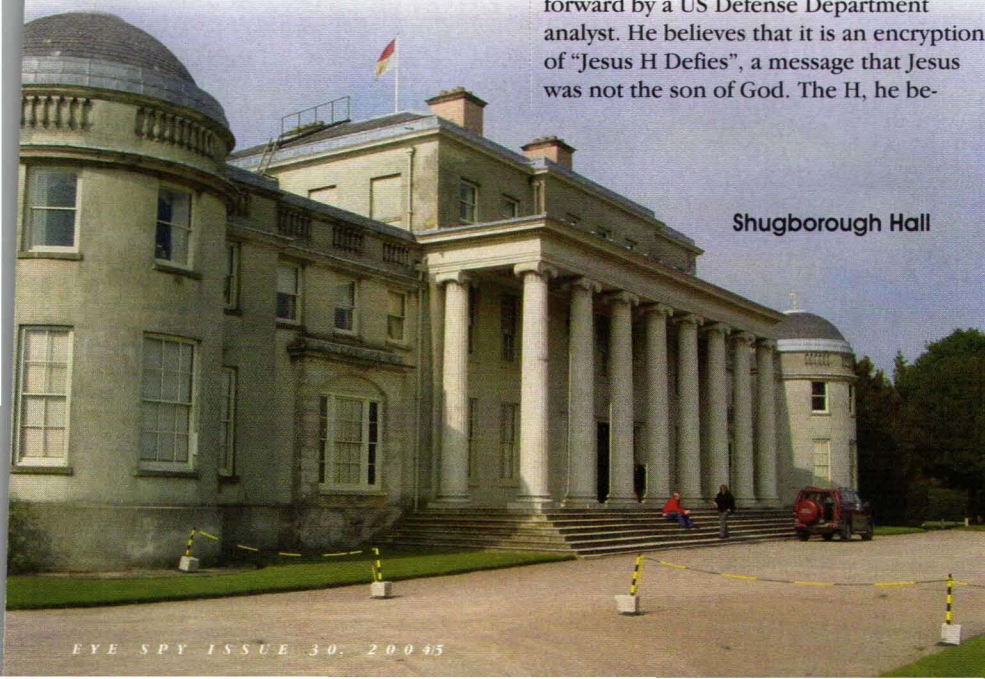
lieves, represented the Greek "chi" for Christ. He also believes that the monument does provide enough evidence to show the Holy Grail is really buried in Novo Scotia, which brings us right back to George Anson.

Anson is thought to have had connections with the Freemasons, and was allegedly a member of the Priory of Sion. The priory has links to the Knights Templar and believed that Jesus was not divine. The Latin part of the inscription may mask the message: "In Acadia go". Acadia was the old French name for Nova Scotia and New Brunswick in Canada - territories seized by the British and often visited by Anson. Some codebreaking boffins believe the message is secretly saying 'go to Nova Scotia'.

The mystery of the code and Holy Grail is safe for now, though the cryptic love message does seem to be credible! Bletchley Park remains open-minded about the definitive answer to Shugborough's monumental mystery. "In codebreaking, no stone should be left unturned," said Bletchley Park Director Christine Large.

Shugborough General Manager Richard Kemp said: "The Grail theories have been popular here at Shugborough for many years and now it seems that the world's top experts confirm that there could well be a connection with the Holy Grail. So for us, the hunt goes on and we welcome visitors from around the world to come and see our monument and give us their own thoughts on the secrets hidden within the message."

Shugborough Hall



The Suitcase Man



CIA and British intelligence follow the 'yellow brick road'

Berezovsky asked Yuli Dubov, a colleague and fellow Russian to help investigate the matter. He arranged to discuss the deal with Zakhar in a Bristol hotel. The meeting lasted a number of hours and was covertly recorded. Berezovsky then handed a copy of the tape to a CIA official in London. MI5 was fully aware of the meeting and the nature of the discussions involving "illicit nuclear and radiological materials."

On the recording, Zakhar said that the nuclear bomb was fitted inside a suitcase and was but one of a number of portable nuclear devices manufactured by the Russians as the Cold War ended and Communism disintegrated in the former Soviet Union. One early

CIA assessment noted that as many as 200 'dirty bombs' could have been produced, though this figure has since been scaled down.

In his report to Berezovsky, Dubov noted: 'One of them [bomb] disappeared during the early 1990s. The person who holds the bomb wants to sell it and Zakhar is empowered to act for him. The price asked for it is not large, only £3m. The idea is that Berezovsky pays £3m and advises on whom the A-bomb should be delivered '[sic].

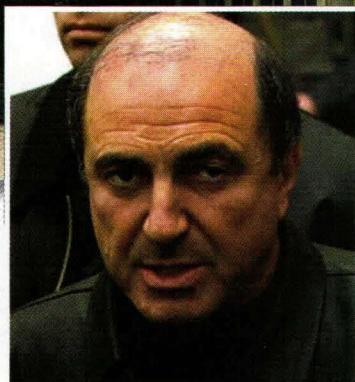
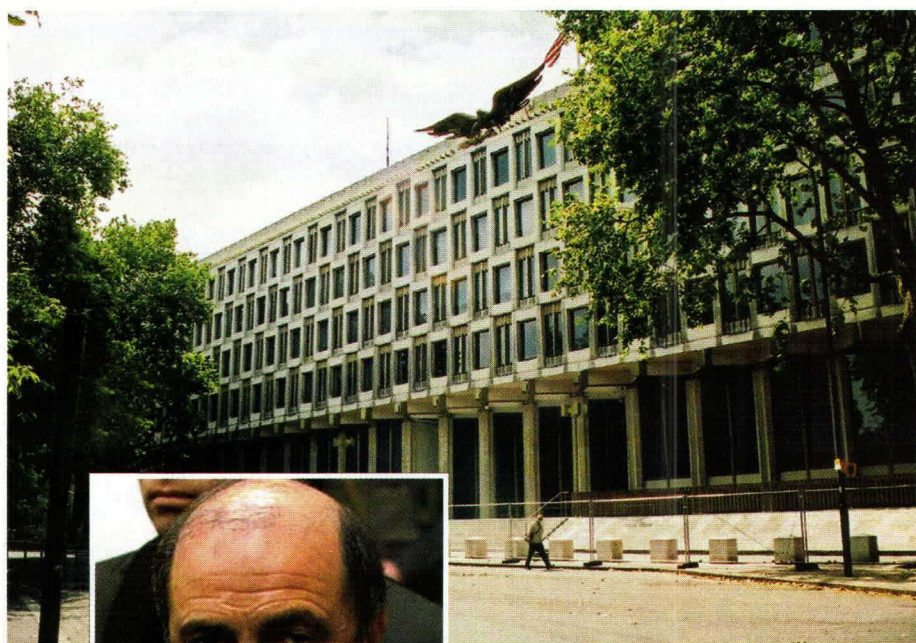
The CIA asked Berezovsky to organise another meeting in London with Zakhar where he was invited to bring

One of Britain's richest businessmen, exiled Russian billionaire Boris Berezovsky, apparently put the CIA and MI6 hard on the heels of a Chechen who said he wanted £3 million (\$5.5m) in return for handing over a compact nuclear bomb.

Berezovsky was approached by security officials after a Chechen had visited him at his home in Surrey, southern England in 2002. He explained that the man, known as Zakhar, had some very important information for him. Berezovsky knew Zakhar from his time in exile in Paris (he had helped provide support by giving him £5,000 in cash). "I didn't hear from him until one day he rang me in England," said Berezovsky. "He said he had enormous, very important information about nuclear weapons."

The Russian telephoned the American Embassy in London. "It could be serious or it could be provocation," he said.

Zakhar said he was acting as an intermediary for the nuclear bomb seller; it became clear the matter required immediate attention.



Intelligence was reportedly supplied to officials at the American Embassy in London

Inset: Boris Berezovsky

WHAT IS A DIRTY RADIOLOGICAL BOMB?

A Common sense narrative by Julia Hanson,
Kansas Emergency Management

A 'dirty bomb' or radiological dispersal device (RDD) is a conventional explosive or bomb containing radioactive materials. Dirty bombs are conventional explosives surrounded by radioactive materials designed to scatter dangerous and sub-lethal amounts of radioactive material over a general area. It is important to note that a dirty bomb is NOT a nuclear bomb and does not involve a nuclear explosion. Any type of radioactive material could be used in a dirty bomb, but in general these devices would be unlikely to cause serious health effects beyond those caused by the detonation of the conventional explosives.

Almost any type of radioactive material with an isotope (radioactive substance) used in military, medical, research, agricultural and industrial applications can be used in a dirty bomb. The most commonly available radioactive materials used in the production of dirty bombs are Alpha Emitters. Alpha emitters can be stopped by a sheet of paper however if inhaled can cause severe internal damage. Weapons-grade plutonium or uranium, as well as spent nuclear fuel, would be the most deadly but are also the

hardest to obtain due to strict security guidelines that have been established to protect nuclear power plants.

The contamination from the radioactive material of a dirty bomb would be based on the size of the explosion, the type of material, the quantity of the material that was used and the weather. Generally the plume would be small due to the fact that many of the isotopes that are used in dirty bombs have a "short half-life" (isotope efficacy). In most cases, any immediate deaths or serious injuries would likely result from the explosion itself, rather than from radiation exposure. It is unlikely that the radioactive material contained in a dirty bomb would kill anyone. The radioactive material would be dispersed into the air and reduced to relatively low concentrations, resulting in low doses to people exposed. In addition, most people would be expected to run away from the explosion, further reducing potential exposure. A low-level exposure to radioactive contamination may slightly increase the long-term risk of cancer. However, collaboration would be based on extensive analysis outside of current statistical data.

along some proof that the bomb was real. Zakhar apparently suspected he was being set up never did provide any tangible evidence.

As for Berezovsky, he says the entire event was reported to British Intelligence by a third party. He has no idea if MI6 or the CIA tracked Zakhar to France in an attempt to discover if indeed the device, or the mystery man existed. However, it is likely further enquiries were made.

In 2002, US intelligence were convinced Chechen terrorists had managed to obtain radioactive materials that were stolen from the Volgodonskaya nuclear power station near Rostov-on-Don. Unknown quantities of plutonium, caesium, strontium and low-enriched uranium had allegedly fallen into the hands of the Chechens raising the spectre of several 'dirty bombs' being planted across the world.

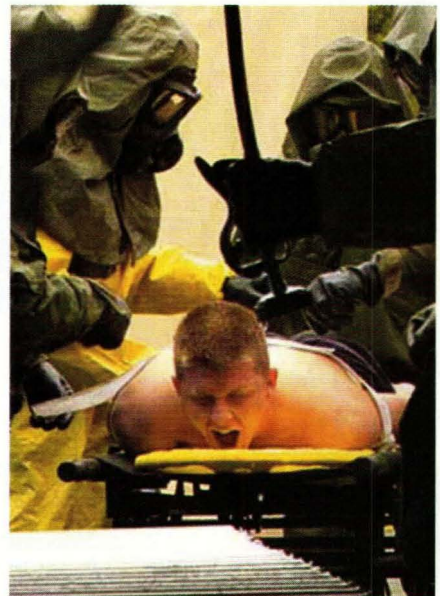


Intelligence sources are convinced that at least one test has been made to detonate radioactive materials with conventional explosives. This by the group which carried out the Beslan atrocity and headed by the notorious Shamil

Basayev (above left) who has vowed to attack the West and Russia again. A device was discovered near a railway line outside Argun, about 10 miles east of Grozny, in 1998. A container full of radioactive substances was found with a mine attached to it.

It was also Basayev who allegedly buried a container of radioactive Caesium-137 in Moscow's Izmailovsky Park in 1995. Basayev alerted Russian reporters, and police removed the device.

With so much radioactive material in less than secure locations, it can only be a matter of time before the unthinkable turns into reality.

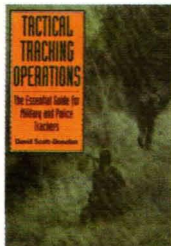


Pfc. Cory D. Poff, machinist with the 671st Engineer Co., was the first "casualty" through the Army Reserve's 349th Chemical Co.'s decon line at Northwest Hospital, Seattle, after a simulated 'dirty bomb' explosion

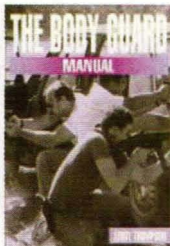


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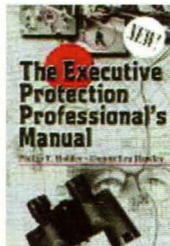
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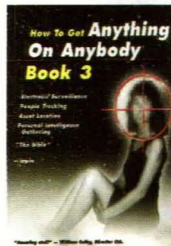
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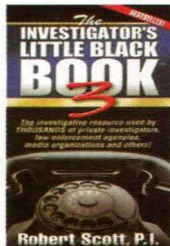
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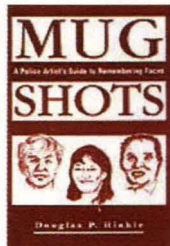
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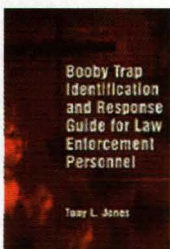
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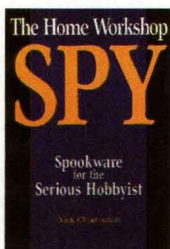
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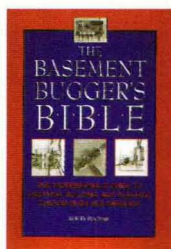
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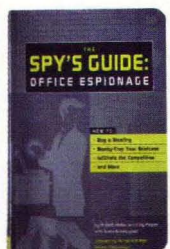
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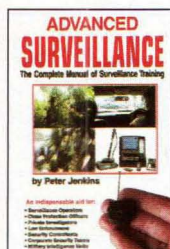
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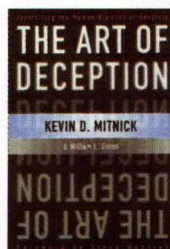
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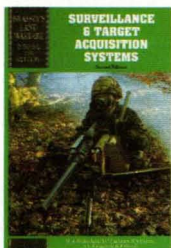
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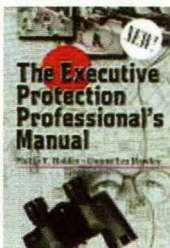
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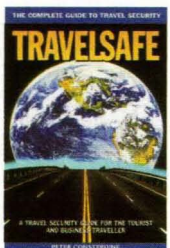
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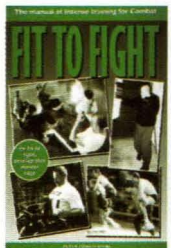
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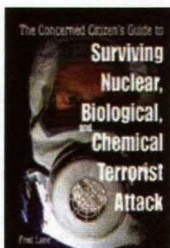
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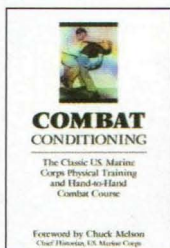
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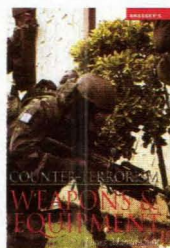
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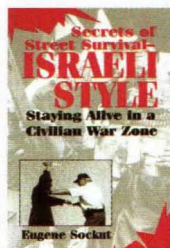
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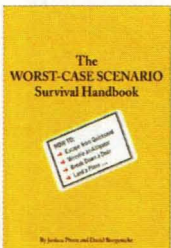
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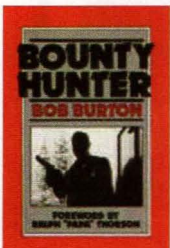
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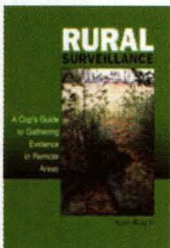
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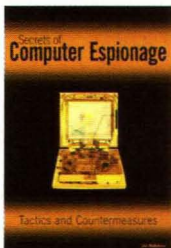
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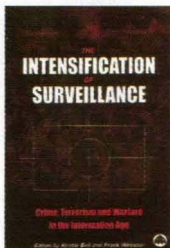
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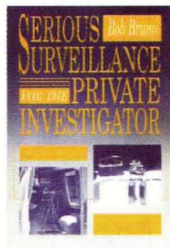
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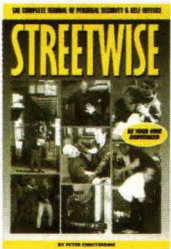
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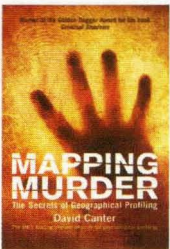
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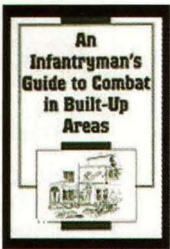
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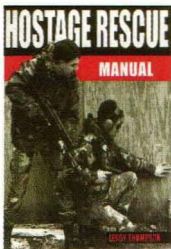
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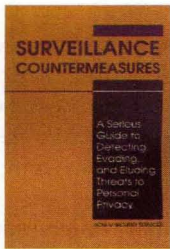
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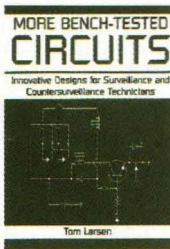
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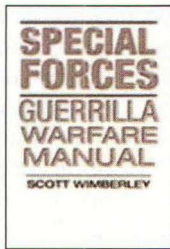
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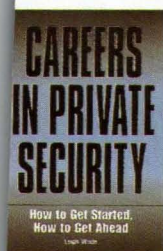
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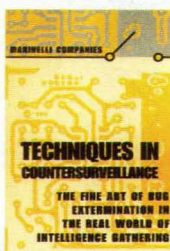
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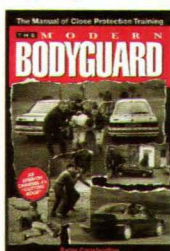
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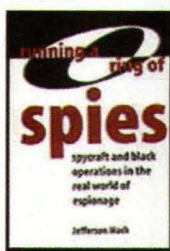
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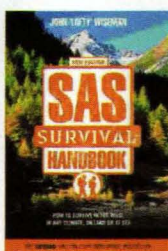
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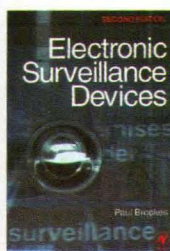
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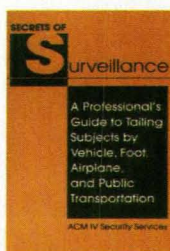
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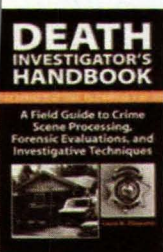
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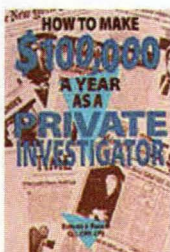
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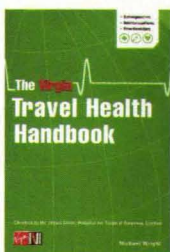
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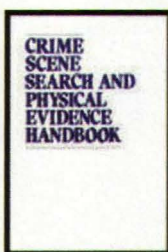
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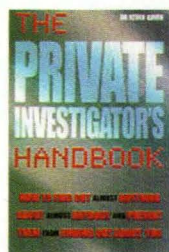
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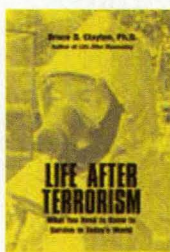
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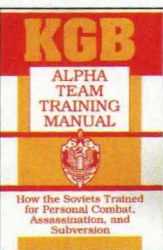
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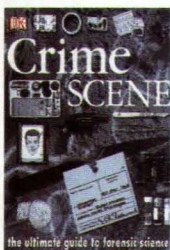
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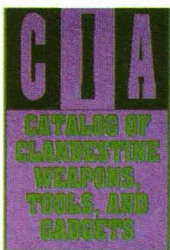
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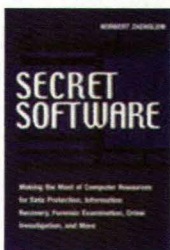
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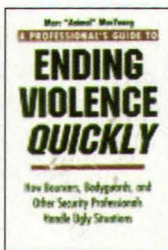
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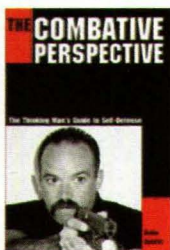
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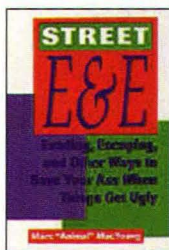
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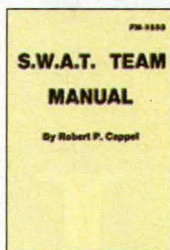
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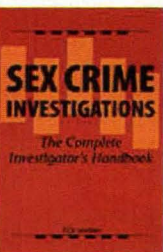
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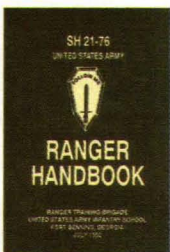
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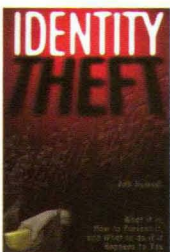
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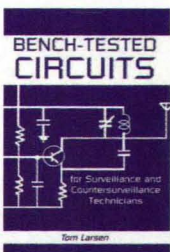
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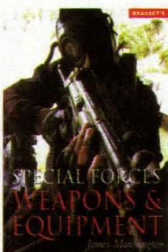
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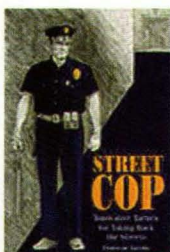
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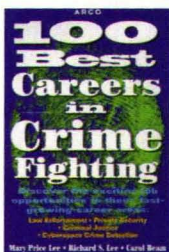
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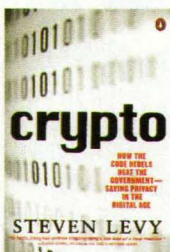
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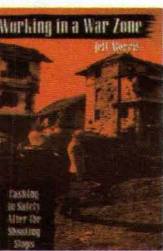
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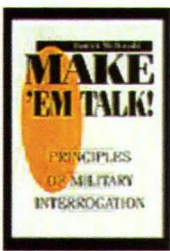
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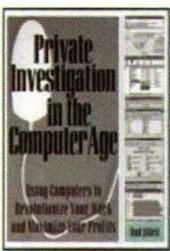
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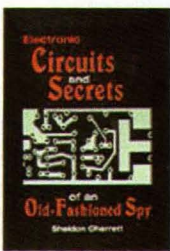
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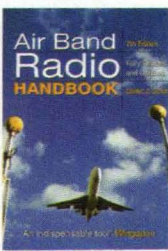
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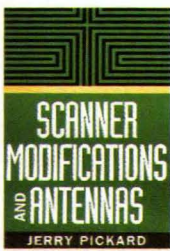
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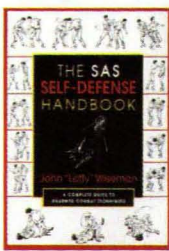
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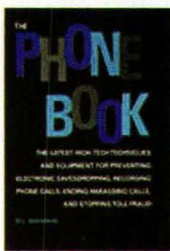
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Maritime Thr Keeps Surfac

Just weeks after two senior navy officials in the United States and Britain warned of likely maritime attacks by al-Qaida, intelligence has emerged that bin-Laden has initiated plans to use ships as floating bombs or platforms to hijack vessels. The assessments have been made following evaluation of various reports and the interrogation of suspects captured in Pakistan and the Far East by security services. The predominant fear is that a vessel may be seconded to transport a nuclear device or a dirty bomb to North America, and the great coastal cities of the United States.

In recent months, it has become evident that significant amounts of radioactive materials are within touching distance of al-Qaida. "Sooner rather than later bin-Laden will have his nuclear weapon," an intelligence source told Eye Spy.

Just how much nuclear material is available remains debatable, however, an example of how easy it could be to obtain, was in evidence in October 2004. Russian security forces seized two

large containers full of highly radioactive uranium 238. The containers were discovered by a couple of vagrants in a dump in central Russia and taken to a scrap yard in Saratov, a medium-sized town situated on the River Volga. The men hoped to sell the 'metal' for money.

Depleted uranium, where uranium 238 is often found, is thought to be the prime component used in 'dirty bombs'. If exploded, these devices spread radioactive material in the air.

When officials arrived at the scrap yard, a worried owner told them he suspected the casks were unusual. Moscow said two of the containers had been used to transport depleted uranium, while the third was used to store the material. Depleted uranium 238, a dense and highly toxic material is used as armour plate on military vehicles and in the manufacture of ammunition. A spokesman said: "The material looked like lead, so naturally the men took it to a scrap yard."

Intelligence officers also discovered a number of lead containers holding uranium, plutonium and strontium on

a train bound for the southern town of Mineralniye from Moscow. The town is close to the border with Chechnya where al-Qaida does have significant support. Documents found with the material simply state that the sender was the 'Ministry of Nuclear Industry'. The recipient was Ingushetia State University.

Also in October in the neighbouring state of Kyrgyzstan, security officers arrested a smuggler after he tried to sell weapons-grade plutonium to undercover officers. The man, identified only by the initial B, led officers to 60 small lead-lined containers carrying plutonium 239 in a disused barn. A sweep of the area showed that it was several hundred times over the legal radiation limit.

In November, Moscow admitted that they had recovered eight containers of weapons-grade plutonium, after a former scientist claimed he had stashed them away for safekeeping... in his garage. Leonid Grigorov explained that he had found the 400g of plutonium 238 in a rubbish dump at the laboratory of the mining and enrichment facility at Altai where he worked as a nuclear engineer.

at that ing

Intelligence watchers link disappearing radiological materials with maritime plot

Altai is hidden away in a remote mountain area near Russia's border with Kazakhstan. In 1992 the plant closed but was looted shortly after. The plutonium had apparently been left in an X-ray machine. Grigorov found the material in 1996 or 1997 and had tried to tell his former employers what he had found. This was to no avail so he put the cylinders in a lead box and hid them in his garage. "As an expert, I was simply trying to stop the material falling into the wrong hands," he told police.

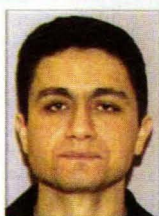
Grigorov informed the police after he read a government notice offering rewards for the return of radioactive materials. He thought he would be given about \$8.00 per milligram (£4.50). His cylinders would have raised him more than \$3m. Instead, he was arrested and charged with illegally storing hazardous material.

In 2002, scientists at Stanford University in the United States reported that in the 1990s, 40kg of weapons-usable uranium and plutonium had been stolen from several Russian nuclear research and production sites. All was recovered - except 2kg that was lost from a depot in neighbouring Georgia. ➤



US maritime security has been markedly increased since 9/11 with specially trained teams positioned strategically on both the east and western seabords of the United States.

Absorbing the US Coast Guard within Homeland Security has boosted anti-terrorist potential dramatically



Mohammed
Atta



Mounir al-
Motassadeq

Politicians claim that the chance of such materials reaching al-Qaida is relatively low. This is not how the intelligence world sees it. Indeed, a number of factors and recent case files seem to indicate bin-Laden is cleverly piecing together the infrastructure for an operation that would eclipse 9/11 - that of a nuclear strike. At present, all the pieces are separated by vast distances and hidden under blankets of

bureaucracy. However, snippets of intelligence (or pieces) have surfaced that may have allowed a glimpse at the terror leader's most daring plot yet.

One intriguing and on-going issue surrounds Marmoun Darkanzali, 46, a Syrian shipping merchant now residing in Germany. The CIA and FBI are convinced he was "close" to 9/11 hijack leader, Mohammed Atta, who operated a terrorist cell from his apartment in the huge port city of Hamburg. In October 2004, Spanish officials asked the German authorities to extradite Darkanzali to Madrid to face charges that he helped bin-Laden. Indeed, Madrid is convinced that far from being a simple businessman, Darkanzali is in fact an important figure in his terror network in Europe, and that he

has provided logistical and financial support to operatives in Spain, Britain and Germany since 1997.

Perhaps the most interesting intelligence came from a source in Berlin. It is understood a covert investigation is underway regarding a merchant sea vessel called 'Jennifer'. German intelligence officials, along with their Spanish counterparts, are now examining evidence that Darkanzali helped al-Qaida purchase the ship in 1993.

...a covert investigation is underway regarding a merchant sea vessel called 'Jennifer'

Darkanzali was arrested following the 9/11 attacks on America, but was later released. This has not stopped federal investigators digging deeper into his background or affairs. His re-arrest, on the back of an international warrant submitted by Madrid, is certain to lead to new avenues of investigation.

Previous telephone taps on Darkanzali's phone had turned up the name 'Mounir' in some conversations. Intelligence officials believed this was linked to Mounir al-Motassadeq who is alleged to have played some role in the 9/11 attacks. Motassadeq had been under surveillance by German counter-terrorism agents

before 2001. 24-hour surveillance began on Darkanzali in 1999. The German authorities found no evidence was found that Motassadeq was involved in the plot...

Continued on page 82

Operation Chokepoint C
17 November

**US Ships Test Dirty Bomb
Interception Procedures**

As part of the Proliferation Security Initiative's CHOKEPOINT '04, Coast Guard Cutter *Harriet Lane* participated in the interdiction and boarding portion of the 16 nation exercise.

The *Harriet Lane* intercepted a 358-foot container ship pretending to be a Liberian flagged vessel suspected of smuggling material to be used to develop a weapon of mass destruction. The drill took place 150 miles south of the island of Hispaniola.

Nine Million to One

Port officials have already been alerted to the threat of a deadly incoming cargo from abroad.

However, it is recognised that only 5% of all cargo entering the United States is thoroughly checked. Sceptics say that this is not sufficient, though a new mechanism has been introduced so that the 5% is not simply random, but carefully selected even before it has reached the eastern and western seaboard of the USA.

Some 90% of world trade moves in cargo containers; and in the US an astonishing nine million huge containers are unloaded at vast ports such as New York and Los Angeles. It would be impossible to examine each container, but US Customs, Border Protection and Homeland Security officials are fairly confident that new measures introduced earlier this year, will thwart al-Qaida. Stephen Flynn is a former Coast Guard commander who has noticed the many changes being made to combat rogue vessels. "In terms of where we are today and where we were before 9/11, there has been a big step forward.

My main concern is that customs is overstating their confidence that they are screening the right five per cent."

Balancing safety and speed is the responsibility of several agencies. Limited staff, lack of space, speed of unload, 'bottlenecks' at ports and additional paperwork

means that it is better to investigate containers before they embark in international waters enroute for destinations around the globe. With this in mind, many of the world's busiest ports, including Singapore, Rotterdam and Hong Kong have signed up to the Container Security Initiative (CSI), under which, teams of US Custom officials are stationed at foreign ports and work with their counterparts to identify risky or suspicious containers [and vessels].

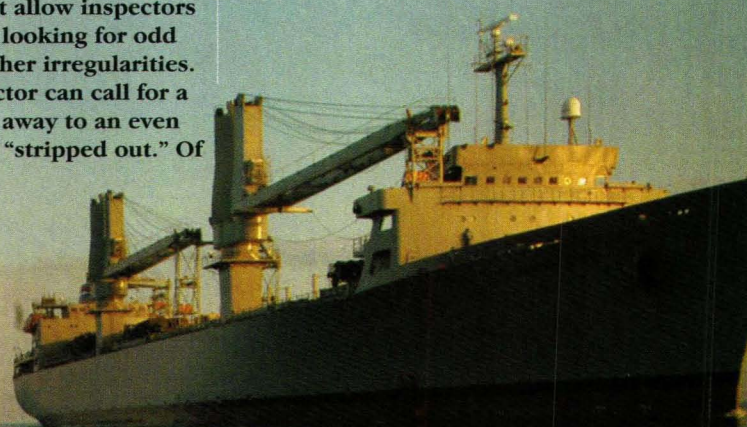
When the container ship is at sea, the destination port evaluates its cargo manifests and gives a score based on various criteria, such as the country of origin, the type of product it is carrying, and equally as is important, the owner and ship's history. High-scoring containers - about 5% arriving by sea - are targeted by port officials when they arrive in the USA.

The containers are first scanned by huge X-ray machines, generating high-resolution images that allow inspectors to examine the cases, looking for odd shapes, shades and other irregularities. At any time the inspector can call for a container to be taken away to an even more secure area and "stripped out." Of

the 4,000 containers that arrive daily at the Ports of New York, New Jersey and Newark, some 30 undergo full inspections.

Primarily, materials are checked for radiation and explosives. This is the inspectors number one target as intelligence officials are absolutely certain Osama bin-Laden's goal is to detonate a nuclear or dirty bomb on American soil.

CIA officials believe that the tightening of restrictions on the west and east coasts, means al-Qaida may try and deliver its deadly consignment to less secure ports in Central and South America, and drive it north. The porous southern US border that joins Mexico is a known soft spot. In Arizona, for example, 4,500 illegal immigrants pour into the state every 24 hours.



US Intelligence Analysts Aware of Nuclear Cargo Threat

USCG PHOTO BY PA3 STACEY PARDINI

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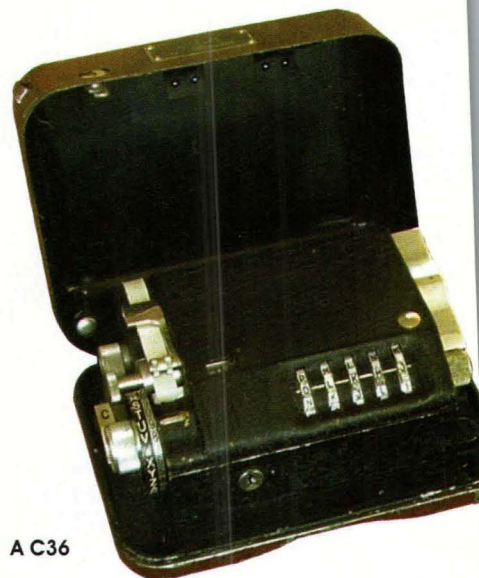


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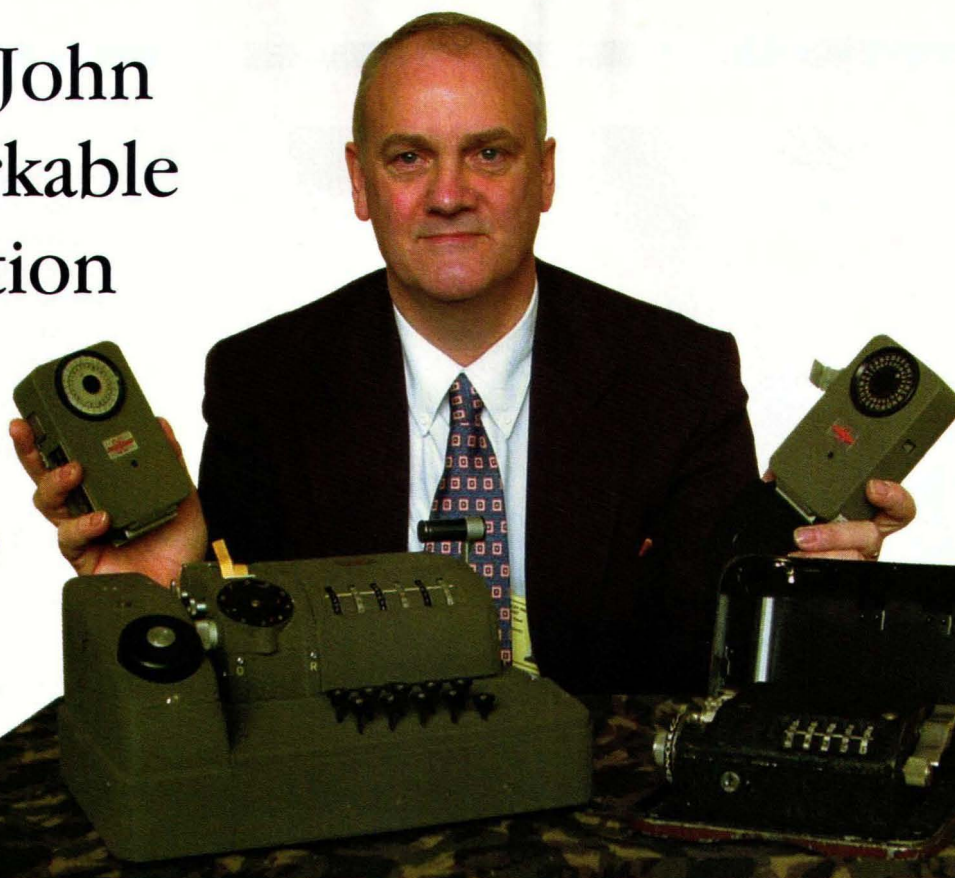
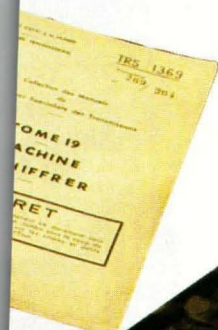
The U

In 1987, a British police officer by the name of John Alexander was introduced to an amateur radio enthusiast whilst on duty at Leicester's Central Division Control Room. Little did he know then that 17 years later he would be the



Fialka with
Spare Rotors

Work of John remarkable collection



C36. (Hagelin 1936)
France bought many of
these but Italy and the
USA declined

Known Enigmas

proud owner of an historic collection of international cipher machines. A collection that is as important as the once-secret communications these little machines carried.

Following his meeting with the radio enthusiast, John became a licensed Radio Ham. As his interest grew in communications, so too did his knowledge. He became fascinated in signals intelligence during World War Two, and this soon led him to Britain's most famous cipher centre, Bletchley Park and the acclaimed Enigma machines used by Germany to transmit secret messages.

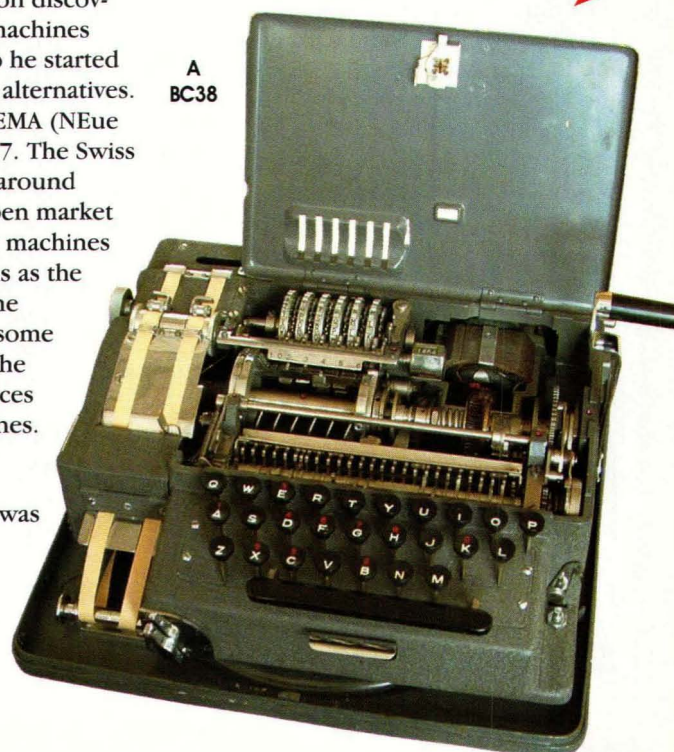
He was then given a set of books - *'Hinsley's British Intelligence in the Second World War'*. He discovered that, during the Spanish Civil War (1936-39), German and Italian troops, as well as the Spanish nationalist forces, used commercial-type Enigma machines. After the war, Germany actually gave some Enigmas to the new Spanish government. "Wouldn't it be great to own a cipher machine just like the Enigma?" thought John.

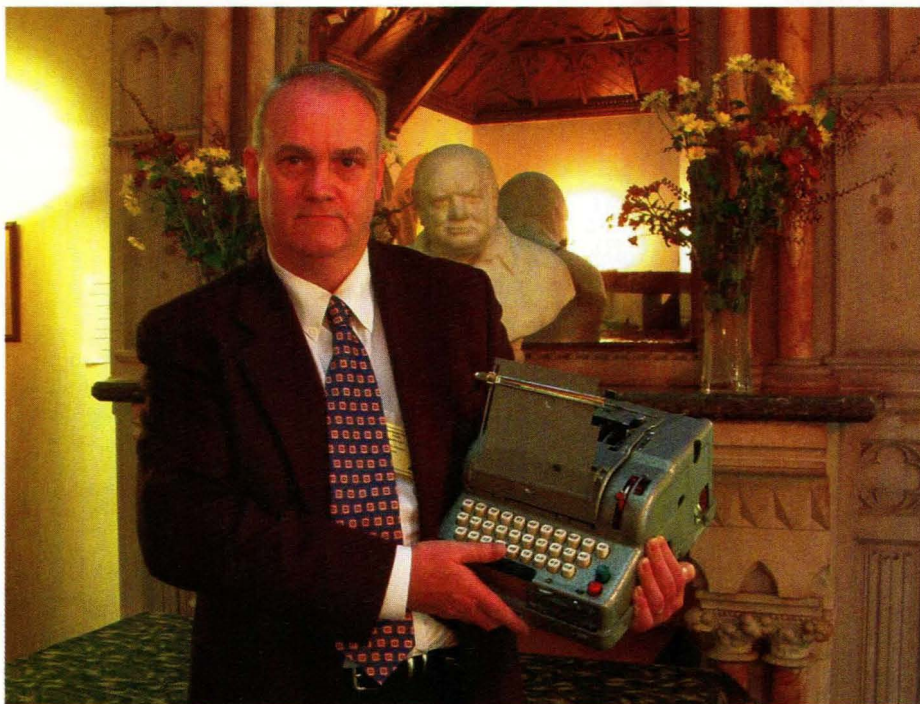
Few people outside the world of intelligence realise just how many different cipher machines had been built in the twentieth century - besides Enigma.

After more research he soon discovered that German Enigma machines were very expensive, and so he started to search for less-expensive alternatives. He came up with a Swiss NEMA (NEue MACHINE), built around 1947. The Swiss Government declassified it around 1993, and it went on the open market priced £800 (\$1500). These machines are regarded in design terms as the *'Sons of Enigma'* and became popular with collectors. In some cases, collectors have paid the same amount for these devices as real WWII Enigma machines.

John was delighted, but admitted that one machine was never going to be enough. After placing a number of adverts in associated magazines, dealers and collectors soon began to call. John then swooped to

purchase a US Government Smith Corona M209, built from a design by Boris Hagelin. Unfortunately this was not a rare model... 140,000 were manufactured in the United States. However, John notes, Hagelin also





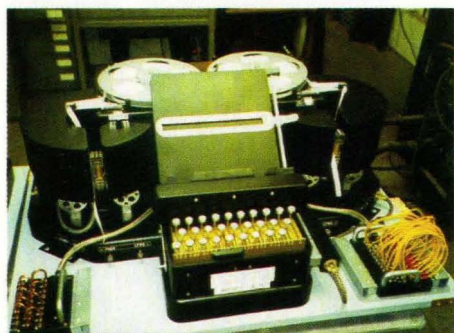
Churchill seems to be unsure of what to make of John with his Russian Fialka machine

produced the M209 as a commercial machine - the C38 - bought and used by the Italian Government from June 1941.

Hagelin, whose machines appear under several factory labels including that of Crypto AG of Zug, Switzerland, also built the BC38. This was a polished design for 'back at base use'. The unit had an electric motor, a full keyboard and was finished off by a healthy lacing of polished chrome. It is probable the United States military used this variant, though it is yet to acknowledge this!

During the war, British codebreakers based at Bletchley Park became aware of the Italian C38. Using a secret base on the Mediterranean island of Malta, they attacked the messages and passed the decrypts back to the UK. This operation was noted in Hinsley's works.

Several more M209's landed in John's workshop until he was able to rebuild a number of pristine examples.



Typex cipher machine

By 1920, many rotor-based cipher machines were being developed in several countries. Communicating in secret was already big business. Rotor machines led to a variety of systems built by Avrid Damm and Boris Hagelin in Sweden, Hebern in the United States, Enigma in Germany, and several early British types.

John decided that it would be a challenge to build his collection around the Enigma machine from the early 1920s, to the turn of the century. The Enigma remains the most famous and publicly known of all cipher machines, but by acquiring other machines, it would put the German effort into context, its durability, cunning and eventually downfall. He was determined to acquire Allied and Axis systems alike, thus students in cryptology would be able to examine the slight differences and capabilities of the machines. Lorenz, Geheimschreiber and the Hitlermuhle (literally *Hitler's Grinder*), and the C38 formed the basis of his WWII collection.

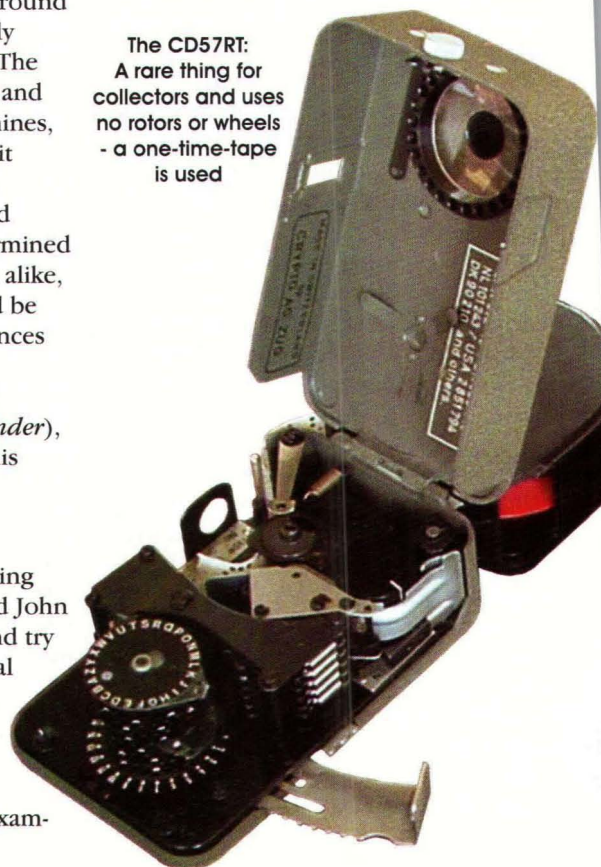
The eminent quarterly journal *Cryptologia* published an interesting 'Enigma Family' chart. This helped John decide what machines to select and try secure. He envisaged a commercial and intelligence-based collection. Cipher machines are often used by both sectors, including some built by Hagelin and Britain's Typex, Rockex and Portex (exam-

ples). Efforts were made to locate a William Friedman Sigaba cipher machine, a design based on Germany's Enigma; the National Security Agency's KL7 and several Eastern European machines.

John even explained that he had courteously written to Moscow to try and obtain former USSR cipher machines, but was not too surprised by the lack of enthusiasm shown by our former Cold War adversaries. Other requests were made to various governments, but John discovered that far from some cipher machines being defunct, they were still regarded as classified.

The period from 1920-1970 was indeed the time of the rotor-based, mechanical cipher machine. The system worked admirably for the armed forces, the intelligence community, government communications and of course, the corporate sector including banks, financial houses and major commercial companies - most fearful of espionage.

The CD57RT:
A rare thing for collectors and uses no rotors or wheels - a one-time-tape is used

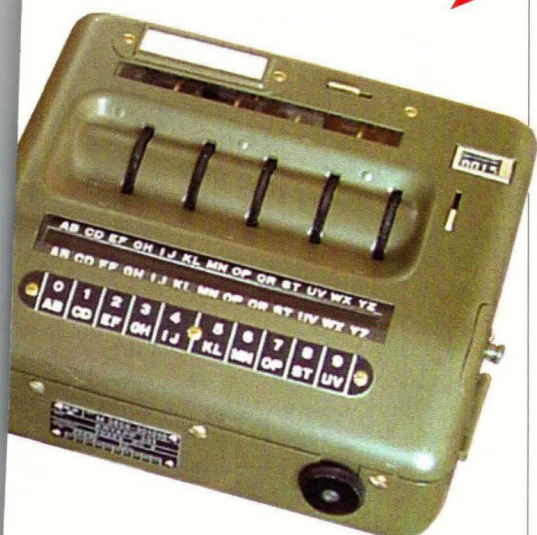




The mechanical and electromechanical systems offered greater complexity, improved security, faster encipherment and decipherment. They served with distinction until the advent of modern electronic computerised systems.

Today, John still travels widely and scours the pages of local and international trade journals seeking the 'gems' of the cipher industry. Earlier this year he travelled to Europe in search of one or two elusive cipher machines.

He visited one dealer and enquired about the NSA's KL7 (NATO code name ADONIS). The machine was not in his inventory, but as he moved into an anteroom, he tripped over a box... it .



A Million to One

Peter Twinn, the brilliant mathematician and the first Briton who unravelled the German Enigma code has died at the age of 88

In 1939, Twinn answered a cryptic government advertisement involving 'mathematics'. It transpired that the job was located at the Code and Cipher School (GC&CS) in London. A short while later the team relocated to Bletchley Park. He found himself working as an assistant to Alfred 'Dilly' Knox, who headed a brilliant team of code breakers. Twinn became the first mathematician to join Knox's team and soon found himself in at the 'deep end'. He was given just a few minutes training and told to "go and get on with it."

The Enigma machine can be traced back to 1919, when Dutchman Hugo Alexander Kottch, patented an invention he called a "secret writing machine". A short time later, Arthur Scherbius started working on similar machines and became fascinated with encryption using rotors.

The German Enigma machine was a sophisticated cipher device and one that Berlin thought could never be broken. Twinn was familiar with the commercial version of Enigma built a few years earlier, but the new machine offered a far greater challenge.

Each of the 26 letters was electronically attached to one of three rotors, each provided with a ring. These rings held the all-26 letters of the alphabet. Other electric cables led from the rotors to 26 illuminated letters. When the user would encipher his message, he pressed a key - an electric current passed through the machine and the rotors turned - but cleverly - not in unison. Each time a key was pressed, the first rotor would turn one letter. This happened 26 times until the first rotor had completed a full circle. Then the second rotor would begin operating. There were many variations that could be used and the system also worked in reverse.

In July 1939, Knox and a few colleagues travelled to Poland and discussed the Enigma with several experienced code breakers. They Poles even handed the British a replica machine, parts and key information that would be needed to break the Enigma.

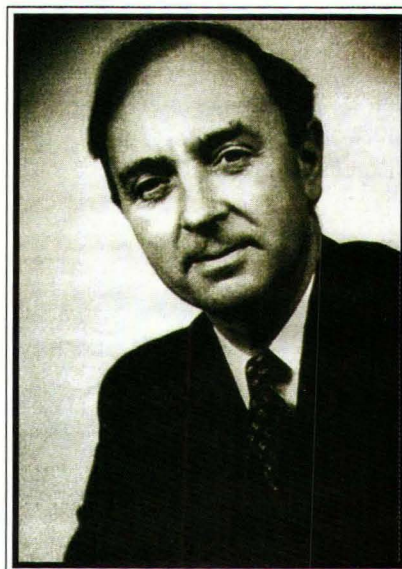
Back in England, Twinn began to make a few inroads into the workings of the



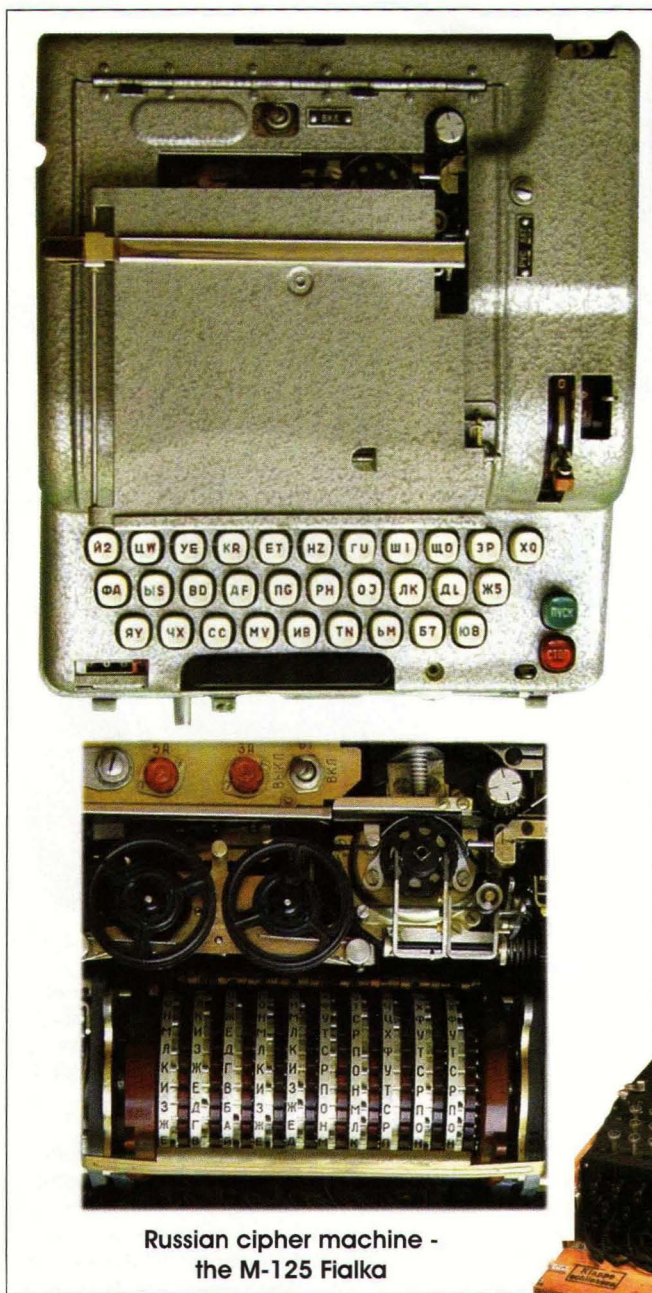
machine and alongside another great mathematician, Alan Turing, they set about building a machine they called the 'bombe'. This speeded up the deciphering process and allowed the code breakers to examine and make necessary changes far quicker.

Twinn worked with Turing and successfully broke the German Naval Enigma. Meanwhile, Knox set about cracking the German Army codes. Twinn took over this role when Knox became ill. This operation paved the way for the Allies to deceive the Germans about their Normandy invasion plans in 1944.

10,000 people once worked at Bletchley Park, yet the team that eventually cracked the Enigma code consisted of just ten.



Peter Twinn died on 29 October 2004



Russian cipher machine -
the M-125 Fialka

was marked 'KL7'. The dealer said the machine was still classified and refused to sell it

John had always wanted a Hagelin B21. It was first built in 1927 and meant that Sweden did not have to purchase commercial cipher machines from Germany. The proprietor again refused to sell him the machine,

insisting that it was "far too important." John, reluctantly, had to agree.

His luck did change when he received a phone call explaining that a number of Russian cipher machines "might be available." His target was a Cold War rarity designated M-125 'Fialka' (Violet). This machine was developed by Russia's intelligence agency - FAPSI (Federal



German
Enigma

Agency of Governmental Communication and Information) - basically Moscow's equivalent of NSA or GCHQ.

Fialka has ten rotors installed, a full spare set housed in the lid section, and a slot for a punched card in place of a Steckerbrett (plugboard) as found on Enigma. Enigma-like, the machine has a printer mechanism and is well made with a hammered silver finish. John thought the machine would be the perfect foil for his 'East meets West' section if he could realise his dream of creating a public display.

He sold components of other machines to raise the money necessary to purchase this rare and splendid example. However, after collecting the machine he had an anxious, though humorous time at the airport awaiting his flight back to the UK. He heard the tannoy call out "would passenger Alexander please go to the check in desk." He was directed to a small room by two stern-looking security guards. On the table - his newly purchased cipher machine. "What is this?" said another official. "It's a Russian cipher machine - the M-125 Fialka," said John. After further questions John was asked, "are you working for MI5?" John burst into laughter and announced he was a private collector. This seemed to break the ice and John boarded his aeroplane.

As the hours passed, he realised the importance of his discovery. He envisaged the Russian silver-coloured Fialka next to the NSA's blue KL7 and pondered on all the secret messages that almost certainly passed through these splendid machines. At least he had acquired one half of his dream.

The famous Bletchley Park

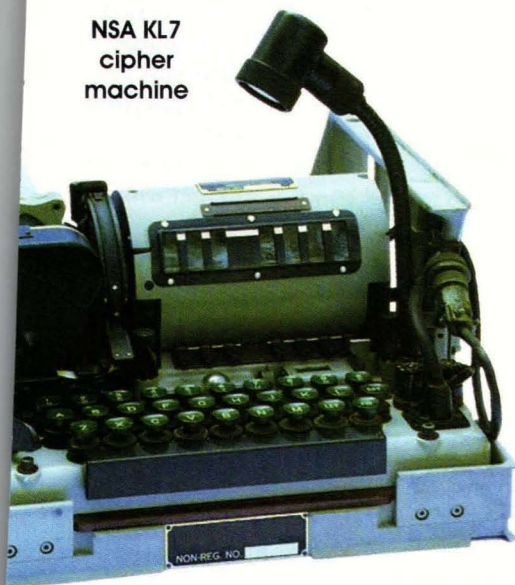




John's burgeoning display is set to find a permanent home at Bletchley Park - the real home of the world's greatest codebreakers. No doubt either that they will be eagerly sought by museums across the world as temporary exhibits. But before that, scientists have, with John's permission, been allowed to examine their intricate mechanisms and potential. Professor Fred Piper and his team based at Royal Holloway University London (RHUL), will conduct a 'mathematical attack' on each machine to uncover their real secrets. The machines will be primed with messages and students will commence encipherment and decipherment like many in the intelligence world who worked them before.

Editor: If you can help augment this truly important collection in any way, please drop John a line via Eye Spy or Bletchley Park.

NSA KL7
cipher
machine



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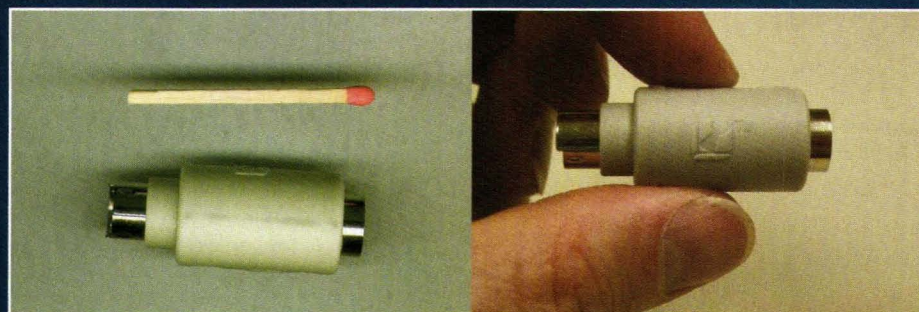
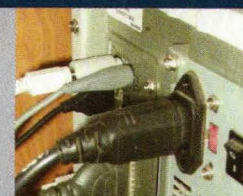
System Requirements

IBM PC compatible computer
(Windows 98, 95, NT Linux)
PS/2 keyboard connector

PORTABLE: The Keykatcher is a hardware only monitoring device. Unlike software, it can be easily moved from computer to computer. You can record on one computer, and read the memory contents on another computer. A compact size allows it to be taken anywhere.

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The Secret Conv

MI6 Supplied Report that Helped President Bush Retain the White

An MI6 report inadvertently helped thwart political attacks on President Bush in the run-up to the 2004 Presidential Elections.

With growing criticism over a huge Iraqi arms cache that had mysteriously disappeared under the noses of US troops, MI6 was called upon to provide the Pentagon with the detailed evidence that Saddam Hussein did have materials for the manufacture of weapons of mass destruction.

As discussed in earlier editions of Eye Spy, it seems as if the deadly munitions were transferred to Syria by Russian Special Forces shortly before the war started in March 2003.

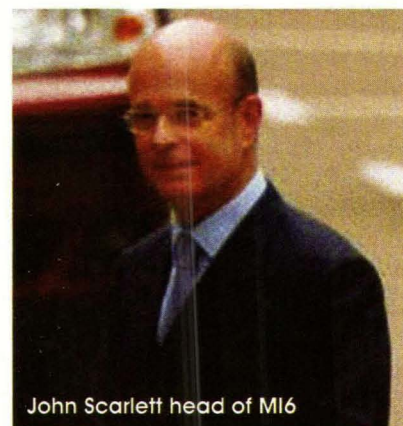
The MI6 file allegedly says "dozens of heavy trucks were used," in the operation. The report, seen by officials in

both the Republican and Democratic camps, was enough to end a bitter dispute over the vanished weapons. Senator Kerry's followers had perceived their disappearance as shoddy work and further evidence that not enough attention had been placed on the roadmap following Saddam's defeat.

The report is also important to President Bush and Prime Minister Blair, who have consistently claimed that Saddam was capable of producing unconventional weapons, including harbouring ambitions to build a nuclear device.

MI6, Britain's Secret Intelligence Service, said that some of the materials moved by Moscow, included 30 tons of Russian manufactured RDX and HMX, needed to help build a nuclear bomb.

The intelligence revelation came about after John Shaw, America's



John Scarlett head of MI6

Shaw's staff secretly visited London and met with John Scarlett, head of MI6...

deputy under-secretary of defence in the Pentagon for international technology security, revealed he had obtained "reliable information from two European intelligence services that have detailed knowledge of what happened." MI6 has been linked to the story because senior members of Shaw's staff secretly visited London and met with John Scarlett, head of MI6.

The Pentagon officer was also shown the detailed report that MI6 had prepared. It described how Russian Special Forces flew into Baghdad a full four weeks prior to the start of the conflict in 2003. Fearing an international dispute if US troops discovered the material, Russia's President Vladimir Putin allegedly ordered that some 30 tons of Russian manufactured RDX and HMX was transported into neighbouring Syria.



George Bush and Tony Blair remain as close as ever



MI6 headquarters on the River Thames, London

The report allegedly detailed the three-week removal operation, and came only after Putin had failed to persuade Saddam to give in to US and British demands to allow unlimited inspection of Iraq's hoard of weapons. MI6 also note that Russia supplied over 600,000 tons of conventional arms to Saddam.

Mr Shaw said that Russian Spetsnaz soldiers were involved in a programme of document-shredding.

Saddam supposedly paid Kremlin officials to provide Russian Special Forces to guard the arms. They also arranged for Saddam to receive other arms from Ukraine and Belarus.

However, it is the intelligence that suggests Russia also supplied Saddam with some chemicals that could be used to make chemical weapons that is of interest. Political and intelligence analysts believe the timing of the MI6 report was not coincidence. One

observer asked, "did Downing Street authorise MI6 to reveal its report on the eve of the election to provide support for Bush? How long has the report existed?"

The Democratic presidential campaign gained several points when it accused the Bush Administration of failing to protect the basic materials for weapons of mass destruction. When shown the MI6 report, the accusations melted away and the matter was quickly dropped by the media. Mr Kerry played a respectful and pivotal role in acknowledging the report.

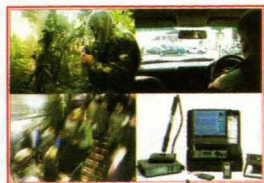
"They were moved as part of a carefully designed programme in advance of the conflict," John Shaw confirmed. Mr Shaw said the withdrawal of Russian-made weapons and explosives from Iraq was part of Saddam's plan to use Syria as a launching pad for insurgent operations in Iraq.

"Those Russian made materials could already have been used against US and British forces in Iraq," concluded the MI6 report.

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Pentagon officials obtained satellite photographs of truck convoys that seem to corroborate intelligence supplied by MI6 - weeks before US and British military operations were launched.

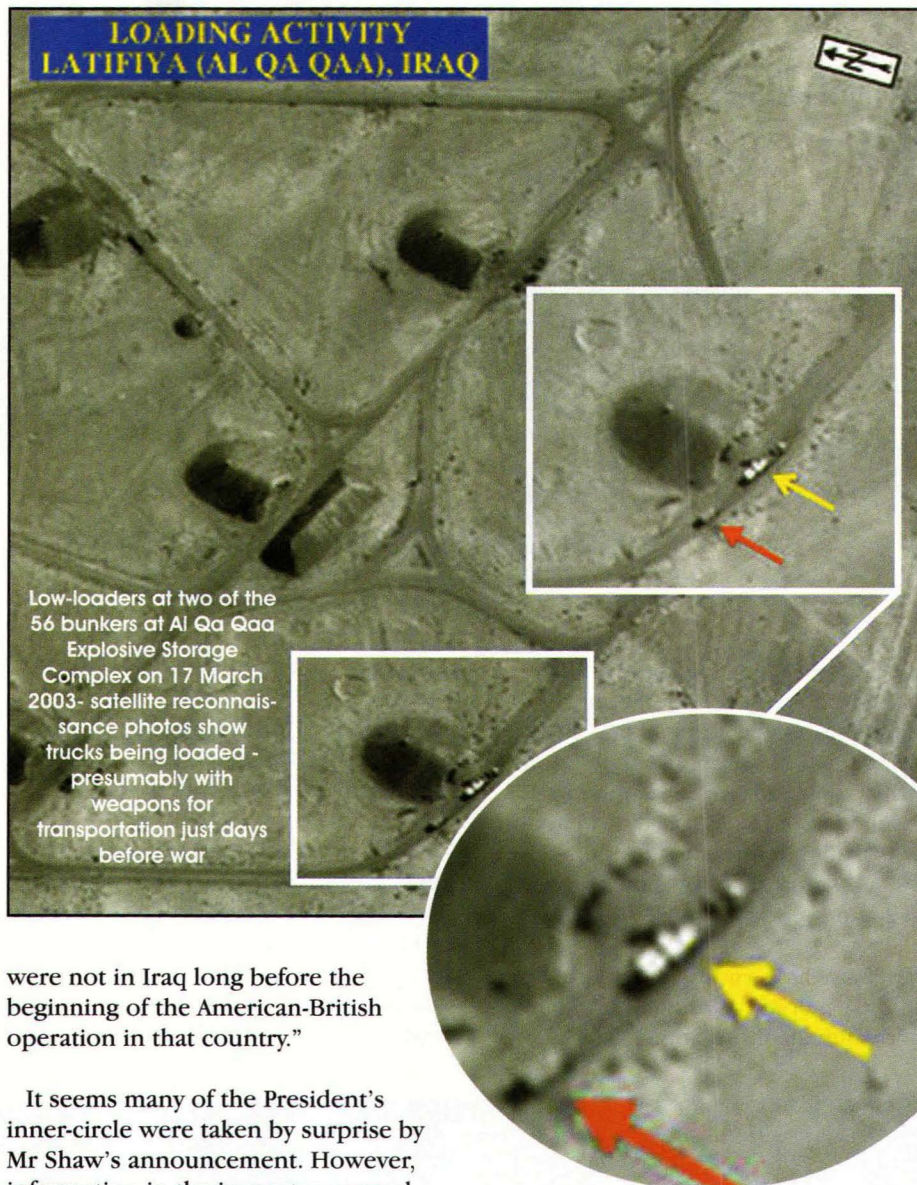
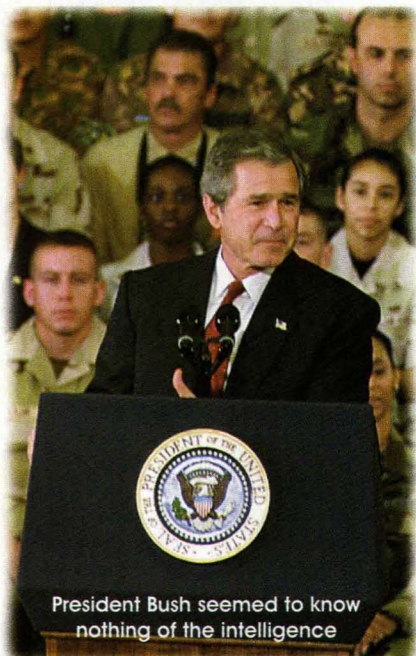
The photographs seem to show low-loaders moving arms and equipment from known weapons sites.

One official at the National Geospatial-Intelligence Agency (NGA), said: "Intelligence documented the movement of long convoys of trucks from various areas around Baghdad to the Syrian border." This report mirrors the MI6 file.

380 tons of RDX and HMX, used in making such arms, were reported missing from the Al-Qaqa weapons production factory.

According to Eye Spy photo analysts, the photograph shown here tends to support the statement made by Pentagon official, John Shaw regarding the removal of weapons. He is convinced Russian special forces units took part in a sophisticated dispersal operation from January 2003 to March 2003 to move key weapons out of Iraq.

Kremlin officials call the allegation "far-fetched and ridiculous." Defence Ministry spokesman Col. Vyacheslav Sedov said: "I can state officially that the Russian Defence Ministry and its structural divisions could not have been involved in the disappearance of the explosives, because Russian servicemen



were not in Iraq long before the beginning of the American-British operation in that country."

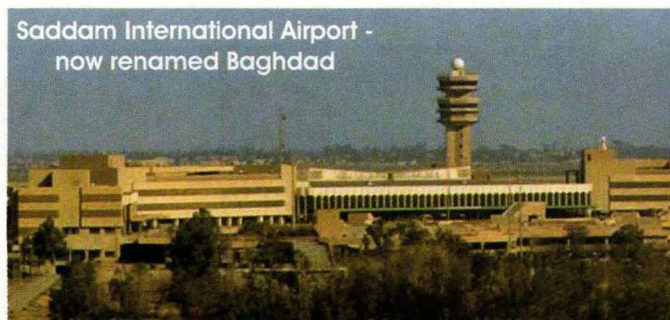
It seems many of the President's inner-circle were taken by surprise by Mr Shaw's announcement. However, information in the inspector general office is not widely shared within the policy and intelligence communities.

Documents reviewed by one defence official include specific Russian military unit itineraries for the truck convoys. Other intelligence revealed Russian soldiers were based at a computer centre near the Russian Embassy in Baghdad. The troops departed sometime before 20 March.

Harold Hough, a satellite photographic specialist, said commercial

satellite images taken shortly before US troops reached Baghdad, showed a number of Russian transport aircraft at Baghdad's international airport near a warehouse. "My thought was that the Russians were eager to get something out of Iraq quickly. But it is quite possible that the aircraft was used to transport the Russian forces."

Saddam International Airport - now renamed Baghdad



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Mark Birdsall - Editor, Eye-Spy magazine.

Dr James Hart QPM - Commissioner of Police for the City of London.

Michael Herman - author of *Intelligence Power in Peace & War* and *Intelligence Services in the Information Age*.

Christine Large - Director, Bletchley Park Trust.

Sir David Omand - Security & Intelligence Co-ordinator and Permanent Secretary at the Cabinet Office.

Professor Fred Piper - Director of Information Security at Royal Holloway, University of London.

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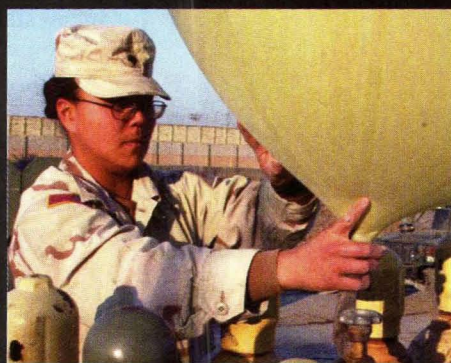
BALLOONS

In these high-speed, high-tech and high-octane times, surely the humble balloon is an anachronism, an aeronautical throwback with little to offer in the field of modern warfare and covert operations. The image they conjure up is one of something soft, bouncy, benign, even comical. And travelling entirely at the mercy of the wind, a balloon makes such a large and vulnerable target that it must be quite useless to the military. Well, if you think that, then it's time to think again. Since their inception over two hundred years ago the humble balloon has continued to serve its masters well, and often in ways that few people might imagine.

At the most basic level balloons are a means of lifting a payload into the sky. And although there are many obvious alternatives to achieving that with aircraft, helicopters and even rockets, the balloons do boast some unique characteristics which, when combined, none of the others can match. They can fly very high, right to the edge of space if need be. They can remain airborne

for an extremely long time either tethered or free flying, out-lasting any other aircraft - after all, balloons have flown non-stop around the world. And they are cheap, in fact incredibly cheap in comparison with the alternatives. Plus, and this is perhaps the most interesting bit, they are silent and have a virtually nonexistent radar or heat signature. Add all these factors together and you can begin to see why the balloon continues to meet the needs of the military in a wide variety of roles.

As for the question of vulnerability, balloons can be surprisingly difficult to shoot down. Close in on a drifting balloon in a fast moving fighter aircraft and it will seem stationary by comparison, and therefore extremely hard to hit. Even if a balloon is hit, chances are, it will carry on flying despite a few holes. Examples of escaped research balloons occasionally make headlines as they stray into the transatlantic air lanes and defy all attempts to bring them down. Remember Richard Branson's runaway global balloon for example? The wartime barrage balloons may have been filled with hydrogen, not the inert



John Christopher explains why the balloon is still regarded as a viable tool by the military and intelligence services

helium gas mostly favoured nowadays, but even the Luftwaffe soon gave up trying to pop them, especially as replacements were usually flying within a few hours.

To learn a little more about what roles balloons can fulfil we need to take a leaf or two from the history books. Here are a few firsts to their credit:

An Unlikely Candidate for War

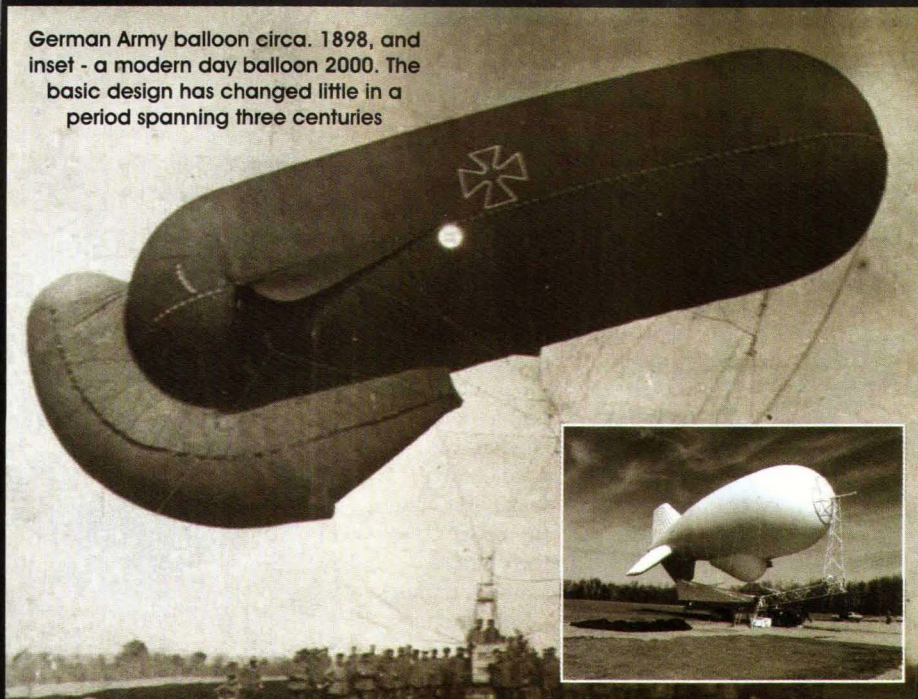


This image from an American advertisement depicts the Second World War balloons as a protective 'roof' over the civilian population

- First aerial observation of enemy positions and guidance of artillery.
- First 'air force'.
- First airborne bombing.
- First unmanned intercontinental weapons.

Military balloons were originally used by Napoleon's army. Later use included the US Civil War, escape from the Siege of Paris, surveillance over several 'policing' actions of the British Empire including the Boer War, to the stalemate of trench warfare during WWI by providing an all seeing eye-in-the-sky, and protected British cities from low-flying aircraft in the WW11. That's when they weren't delivering bombs, propaganda or even secret agents deep behind enemy lines. All of this activity spawned the first anti-aircraft guns and also played a key role in the development of microfilm, aerial photography

German Army balloon circa. 1898, and inset - a modern day balloon 2000. The basic design has changed little in a period spanning three centuries



NASA research balloon

and even radar and the methods of avoiding and deceiving it.

Finding this all a bit far-fetched? Let's take a closer look at just one example from the Cold War.

In the early 1950s the vast interior of the Soviet Union remained a closed book to the outside world and only a few aircraft had dipped into its edges. This veil of secrecy was regarded in different ways by the opposing super-powers. The Americans, fearing the unknown, assumed the worst and felt threatened. Whereas for the Soviets, secrecy equated with security and strength. Hardly surprisingly then that



Nikita Khrushchev

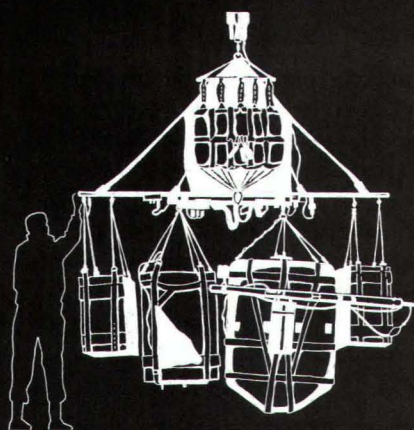
President Eisenhower

when President Eisenhower presented his 'Open Skies' proposals for full and open access for aerial reconnaissance in

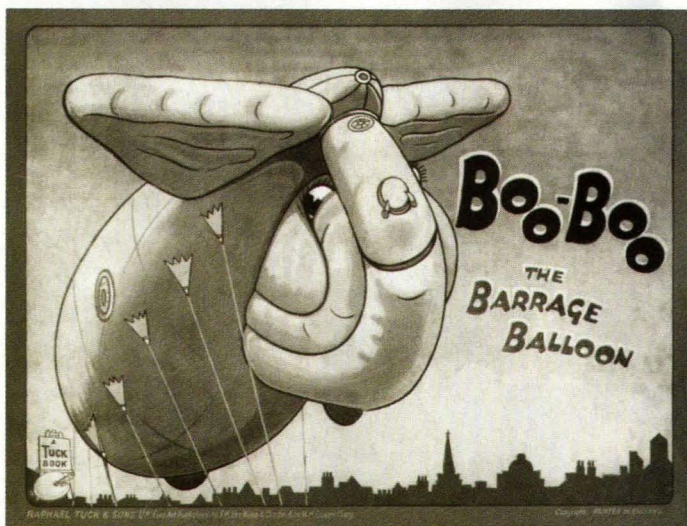
1953, Nikita Khrushchev dismissed it all as an espionage plot. As the Americans had no aircraft that could operate high enough to undertake secret overflights, and the satellite technology was still several years in the future, they had just one option, the balloon. In the latter years of the WWII a new type of high-altitude balloon had been made possible by researchers in the USA who had developed a synthetic lightweight polyethylene material. As a result the balloons could carry larger payloads much higher, even attaining altitudes of 100,000 feet - well beyond the range of existing anti-aircraft measures at that time. ➤

The 71M Aerostat Test Balloon is prepared for lift off from the Aerostat Test Bed at McGregor Range, New Mexico. The Aerostat's radar system, located under the belly of the balloon, is able to track aircraft and cruise missiles at a range of up to 150 nautical miles.

DOD PHOTO BY AIRMAN BENJAMIN ANDERA, USAF



Moby Dick: Payload of the Cold War 'Genetrix' spy balloons with ballast box, suspended at either side of the control box and the large camera gondola. Such equipment was used to probe Soviet territory before the advent of satellites and high-altitude spy planes



Boo-Boo: Wartime publications such as this were intended to make the barrage balloons a little less frightening to children

Guided by the CIA and under the auspices of the USAF and the US Navy's Office of Naval Research, the boundaries between pure scientific research and other more secret projects were deliberately blurred. Hiding behind a string of codenames under the all-encompassing 'Project Genetrix', the President gave the balloon reconnaissance programme a priority level equal only to that of the hydrogen bomb. Starting in

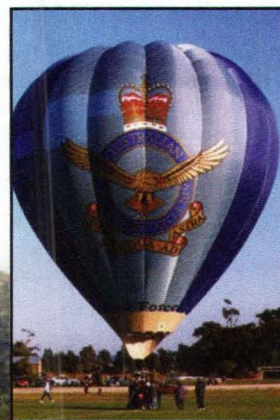
January 1956, camera-carrying balloons were launched from five locations in Norway, Scotland, West Germany and Turkey, to travel with the silent winds high over the Iron Curtain and across the expanse of Russian and Chinese territory. An automatic ballasting system kept the balloons at the desired height and a timer released the 1,400lb payload, including a camera box the size of a fridge, to descend by parachute for

recovery by aircraft over the Pacific.

A cover story, known as 'White Cloud', was concocted to disguise the operation. This entailed the much publicised launching of scientific research balloons, mostly in the USA, while in Europe the game plan was to send as many spy balloons as possible before the Soviets realised what was happening. Of the 488 balloons released, sixty-six made it to the recovery zone, although only forty had returned photographs and these covered the equivalent of eight per cent of Soviet territory, which may not sound much but it is eight per cent more than nothing. On the flip side it was because of the balloons that the



Soviets improved their defences against high-altitude intruders which means that, indirectly at least, they may have contributed to the shooting down of Gary Power's (left) U2 spy plane in 1960.



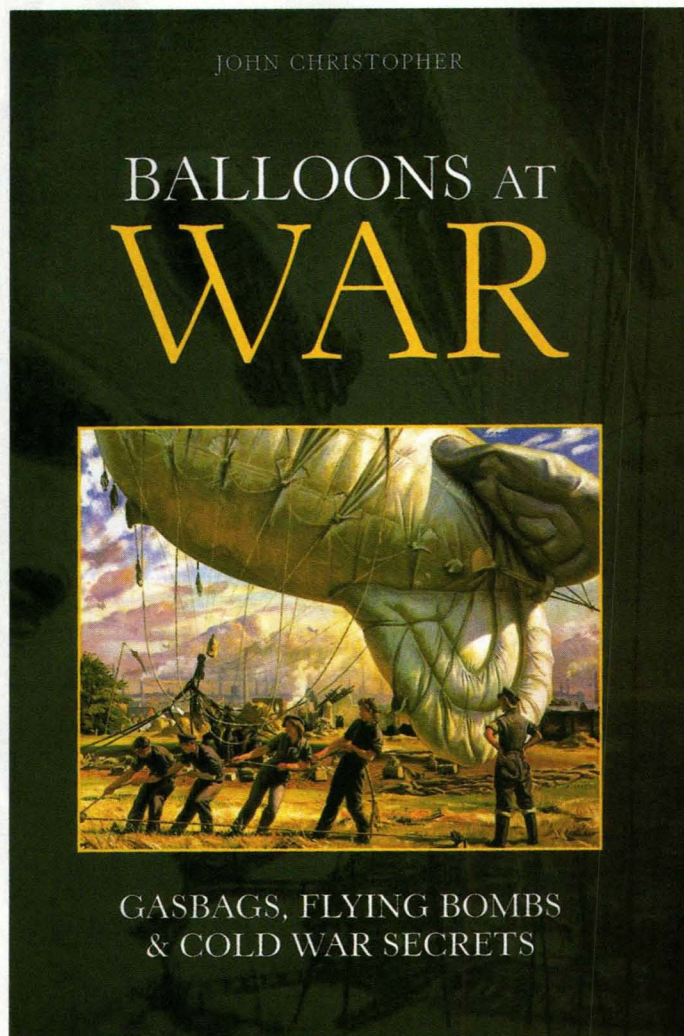
On 16 November NASA's B-52B launch aircraft cruises to a test range carrying an X-43 hypersonic research aircraft attached to a Pegasus rocket. It was taken to launch altitude by the aircraft from the National Aeronautics and Space Administration's Dryden Flight Research Center at Edwards Air Force Base

Royal Australian Air Force (RAAF) has three hot air-balloons which operated by 28 (City of Canberra) Squadron, an Air Force Reserve Squadron at RAAF Base Fairbairn in Canberra ACT. The function of the RAAF Balloons is to promote and advertise the Air Force and the Australian Defence Force, whilst fostering positive public relations with the wider community, in particular those areas that cannot be accessed by mainstream military aircraft or other Defence assets.

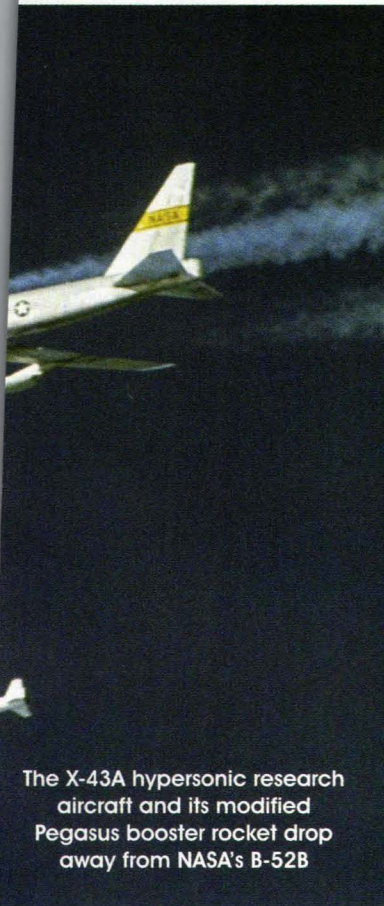


Over forty years later balloons are still playing their part in the post 9/11 world, protecting against and, maybe, even working for the forces of terrorism. Keep watching the skies...

JOHN CHRISTOPHER is a professional balloon pilot and author. His new book *Balloons at War* is published by Tempus Publishing, price £19.99+p & p. Available from Eye Spy ES/951 £23.00 \$40.00

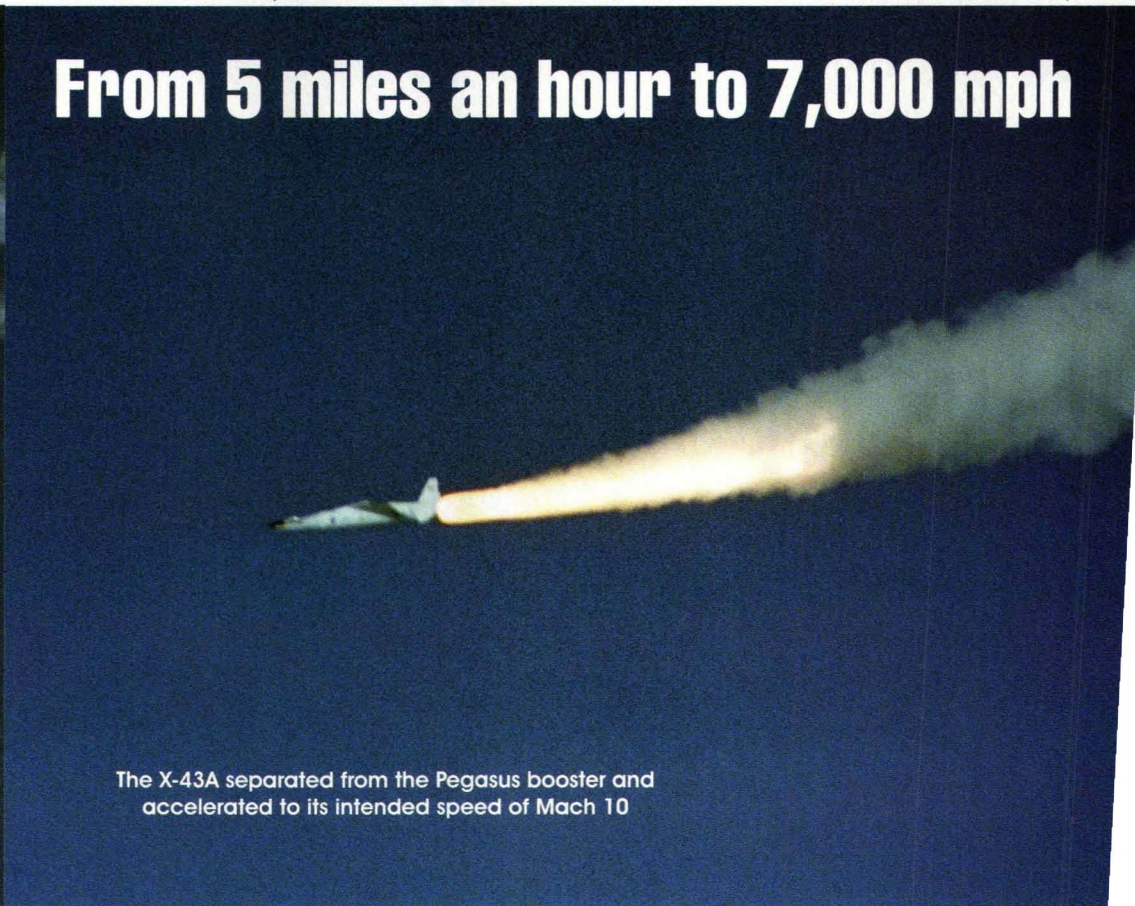


PHOTOGRAPHS COURTESY (NATIONAL AERONAUTICS AND SPACE ADMINISTRATION PHOTO BY CARLA THOMAS)

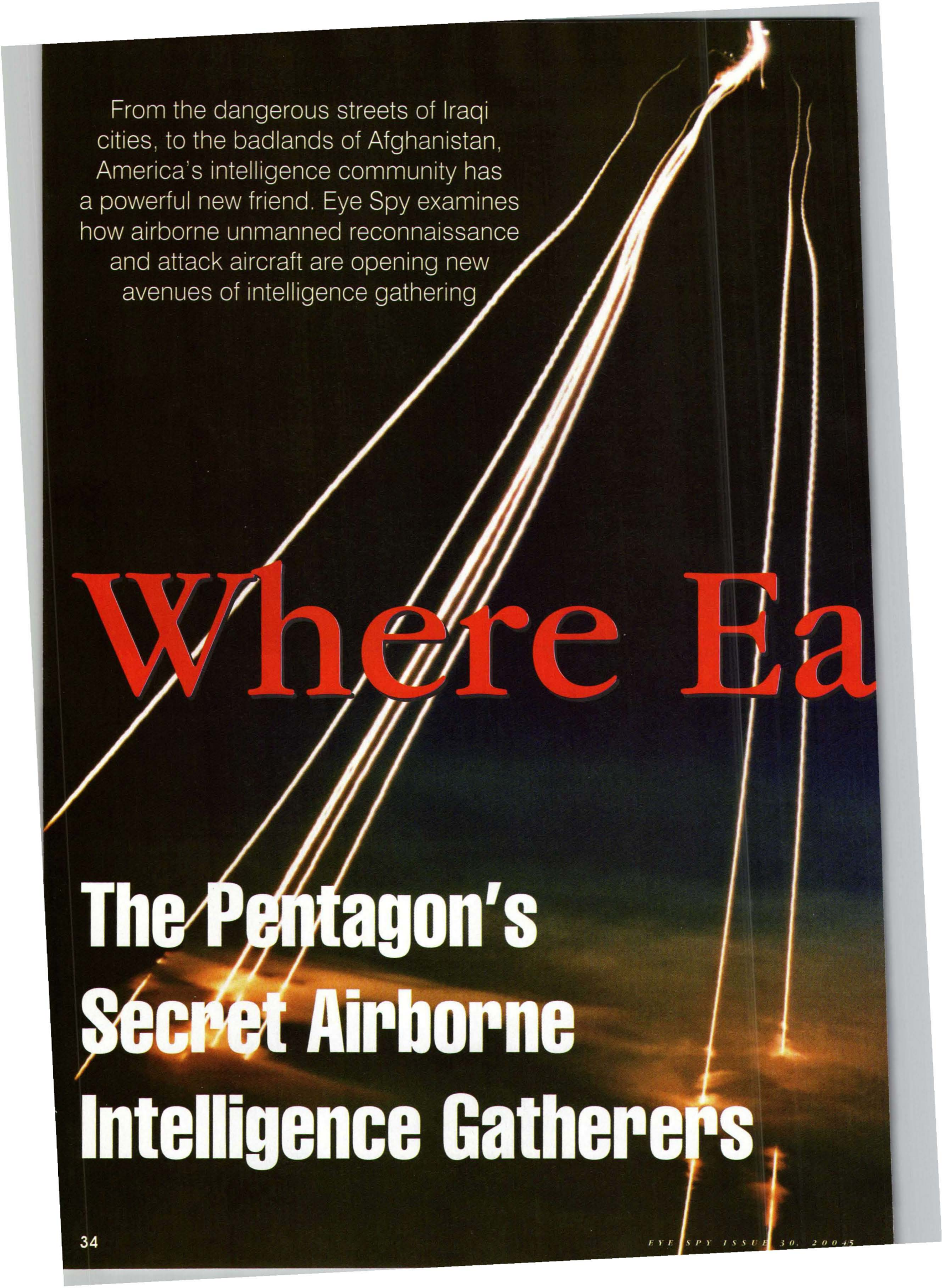


The X-43A hypersonic research aircraft and its modified Pegasus booster rocket drop away from NASA's B-52B

From 5 miles an hour to 7,000 mph



The X-43A separated from the Pegasus booster and accelerated to its intended speed of Mach 10

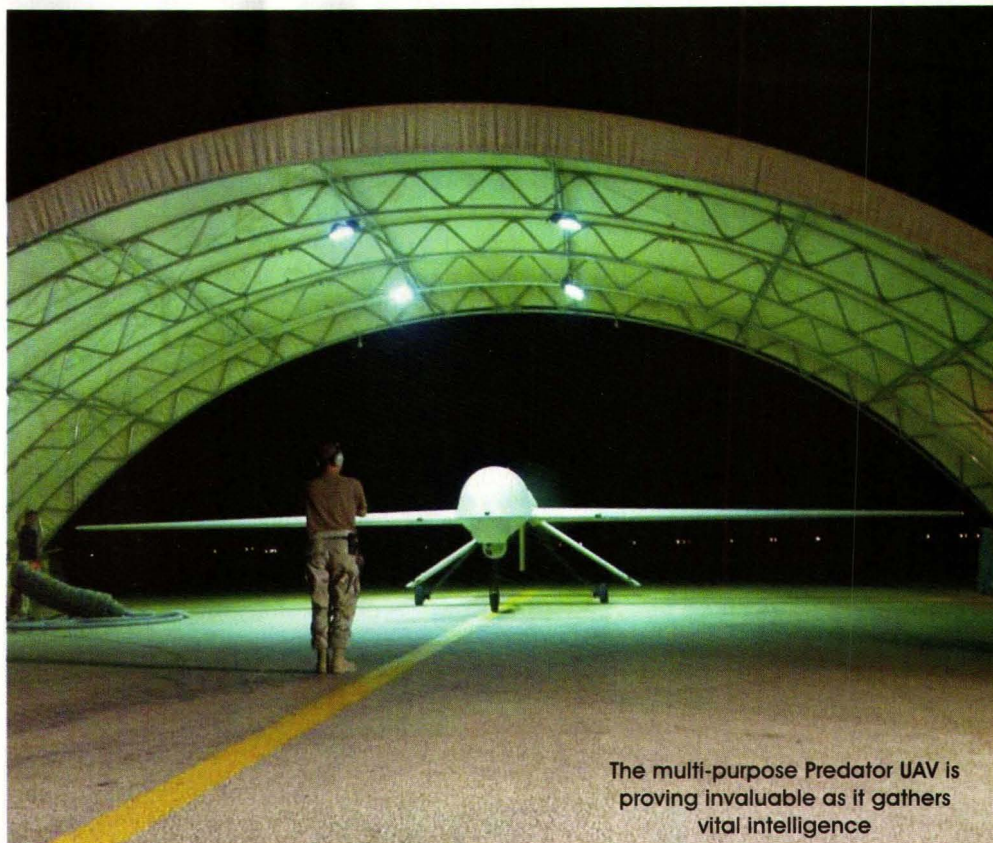


From the dangerous streets of Iraqi cities, to the badlands of Afghanistan, America's intelligence community has a powerful new friend. Eye Spy examines how airborne unmanned reconnaissance and attack aircraft are opening new avenues of intelligence gathering

Where Ea

The Pentagon's Secret Airborne Intelligence Gatherers

Tucked away in a control room at the vast Nellis Air Force Base just outside Las Vegas, several members of the Pentagon's UAV (unmanned aerial vehicle) operation, use keyboards and joysticks to control drones thousands of miles away. The operators watch several 'real-time' screens and gather a variety of intelligence in areas far too dangerous to send personnel. The drones are also far better equipped to monitor vast open terrain and border crossings, search hillsides and investigate problematic areas. And though they will never be able to replace piloted aircraft, UAV's are now regarded as an integral part of every arm of the military. Their capability has increased dramatically as technology has developed. Indeed, with the addition of new weaponry, America's burgeoning UAV industry is now



The multi-purpose Predator UAV is proving invaluable as it gathers vital intelligence

gles Dare

one of the fastest growing arms of the US military.

In 2003, the United States had around 95 fully functioning UAV's or remotely piloted vehicles as they are sometimes called (RPV's). Today, it has a fleet of various devices totalling 415 and growing by the week.

Besides their ability to see deep into enemy territory and perform surveillance operations, UAV's can remain airborne for hours. For example, a Predator can operate 10 times longer than an F-16 fighter - and the cost is but a quarter. Dyke Weatherington, deputy director of the Pentagon's UAV task force, is enthusiastic about the UAV. He also notes that by operating such devices, commanders have saved lives. "It affords combatant commanders flexibility in using an asset to conduct a mission that they may not choose to risk a human, manned platform to do."

UAV's are operating in numbers over Iraq. Some of the drones are controlled

from Nevada and some from the Balad Air Base situated a few miles north of Baghdad. One recent incident proves the usefulness of the intelligence gleaned by a Predator.

In a field about 80 km (50 miles) north of Baghdad, on the banks of the



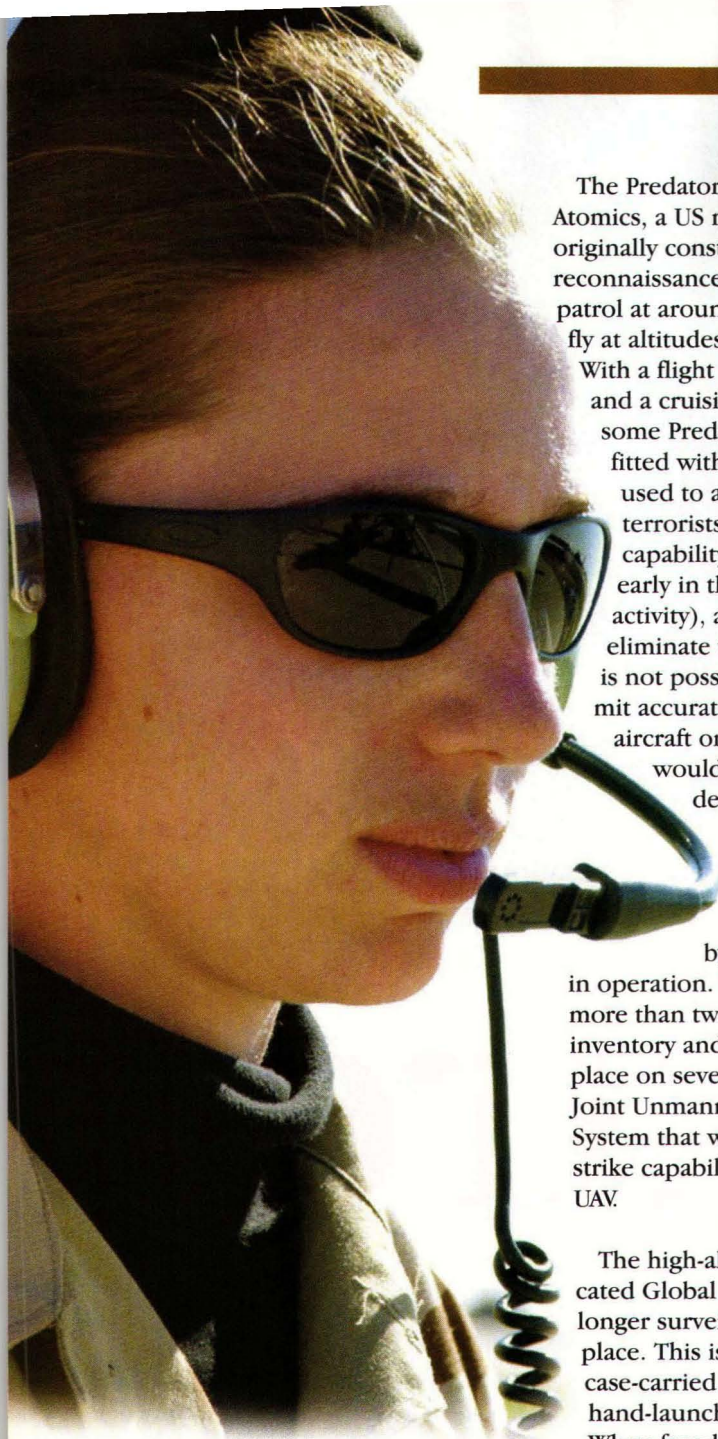
US serviceman assembles the Raven UAV from a compact suitcase

Tigris River, five men dressed in traditional Iraqi garb appeared to be loading carpets into the back of a truck in the midday heat. Grainy infrared pictures of the scene were transmitted from a Predator doing lazy circles 10,000 feet above the field to a control room in the hangar and displayed on a flatscreen TV.

"It does kind of look suspicious," said Air Force Captain John Songer as he manipulated the drone's camera position and tightened the focus. He scanned the pictures for a while, but then decided to let it pass. "Everything looks a little suspicious from 10,000 feet. In this case, they're probably just loading carpets," he said. No further action was taken.

However, had the incident been viewed from an even greater distance, the outcome could have been disastrous.

Yet the Predator has had much success in Iraq. Quiet and deadly, the drone has identified and destroyed terrorist roadside bomb-layers and at



The Predator UAV, built by General Atomics, a US military contractor, was originally constructed as a roaming reconnaissance drone. They usually patrol at around 10,000ft, though can fly at altitudes approaching 30,000ft. With a flight duration of 27 hours, and a cruising speed of 70mph, some Predators have since been fitted with Hellfire missiles and used to attack known al-Qaida terrorists. A UAV with a strike capability can take action very early in that cycle (of enemy activity), and in many cases, eliminate the threat entirely. If this is not possible, the UAV can transmit accurate intelligence to fighter aircraft or Army units which would then take over strategic decisions.

While the Predator is probably the best known of all UAV's, it is by no means the only one in operation. The US armed forces has more than twelve UAV systems in its inventory and development is taking place on several more, including the Joint Unmanned Combat Aerial System that will incorporate direct-strike capabilities and a rotary-wing UAV.

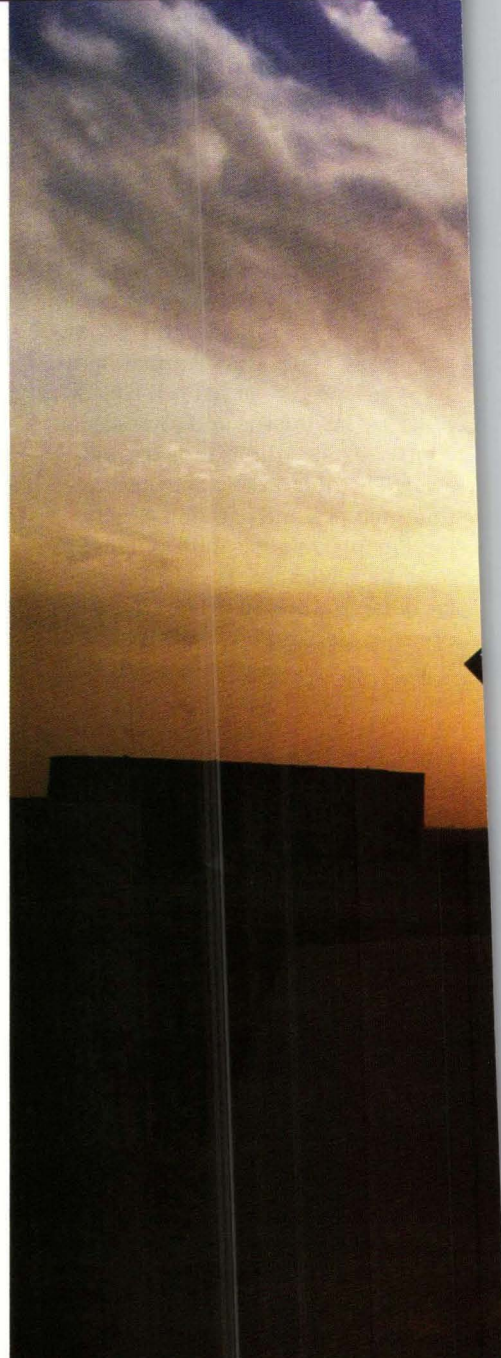
The high-altitude and very sophisticated Global Hawk enables even longer surveillance operations to take place. This is opposed by the suit-case-carried Marine Corps' very own hand-launched Dragon Eye UAV.

When faced with a difficult situation, Marine commanders can quickly assemble the device and launch it over areas deemed too dangerous to perform reconnaissance missions. Dragon Eye's operating altitude is between 300 and 500 feet above ground level, and has a video link range in excess of three miles. The device's payloads are capable of real-time high resolution day colour, and low light black and white imaging. Dragon Eye's electric motors provide an extremely low noise signature, and its small wingspan makes it very difficult to detect. Its battery provides up to 60 minutes of flight time, and the aircraft has a flight weight of approximately five pounds.

Dragon Eye can be assembled and launched by a two man team in just 10 minutes and from any location. The aircraft is programmed via a seven ➤

least one vehicle used to transport rockets to various parts of Baghdad. It is also used to monitor several Iraqi oil pipe lines that traverse thousands of miles across the desert landscapes. If the device witnesses anything suspicious, the operator at Nellis or Balad can simply notify manned patrols or aircraft. The UAV will then continue to track the suspects across the desert until they can be identified.

This same type of surveillance is conducted at border crossings. It is known that al-Qaida terrorists are constantly crossing unmanned areas and being secreted into Iraq. However, with more and more UAV's patrolling the skies, the military and Iraqi government have been provided with vital intelligence.



Battle of UAV's Proved V

A Shadow 200 unmanned aerial vehicle in the Pentagon courtyard





Fallujah

Intel

UAV's provided US and Iraqi forces with considerable assistance in the tough battle of Fallujah, an operation that saw some 1,800 insurgents, rebels and terrorists killed. Some 55 US and Iraqi soldiers also died in the offensive. Had UAV's not provided front-line troops and fighter aircraft with valuable intelligence, Coalition losses would have been far greater.



US Army Hunter UAV may be armed with Viper Strike munitions to provide a counter strike against mortar attacks in Iraq, under an initiative being worked by the Spiral Developments Division of the Futures Center

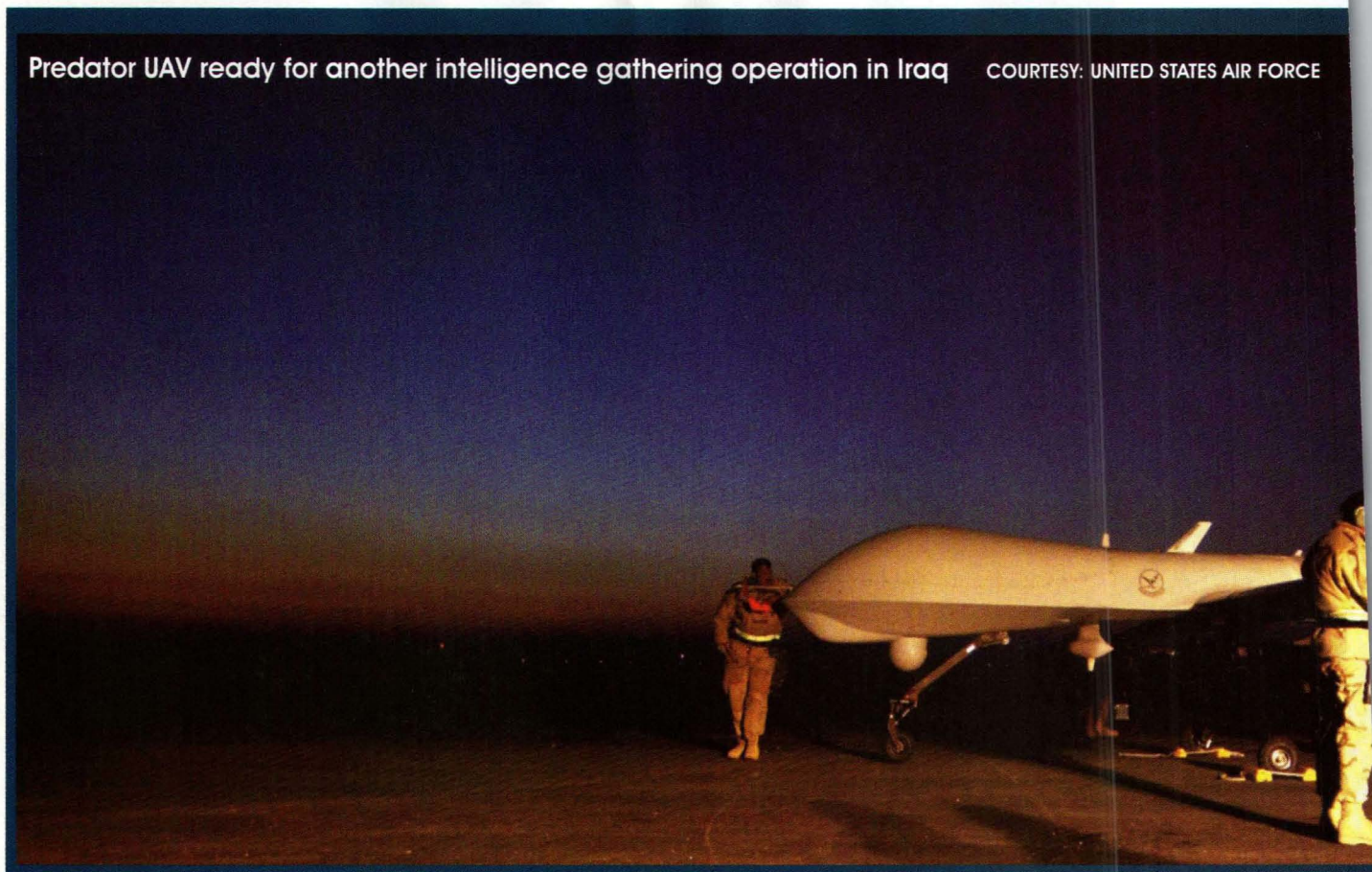
One incident reported by the media (delivered under reporting restrictions), related to a UAV identifying around 15 insurgents dressed in black

carrying a plethora of weapons, including rocket-propelled grenades. The group of men had entered a two-storey building in the city and lay in

wait for advancing Marines. The controller of the UAV radioed an FA-18 fighter-bomber the coordinates of the building. Sixty seconds later the USAF fighter attacked and the ambush was thwarted.

The attack then prompted another group of foreign fighters to leave their nearby shelter. Unbeknown to the men, the roaming UAV soon began observing and reporting back to controllers outside the city.

The intelligence helped provide Coalition forces with the opportunity to establish a secure cordon around the fighters.



pound 'rugged-ized' handheld computer which is capable of flight planning, flight monitoring, and storage of air vehicle transmitted video. The aircraft's flight profile is GPS waypoint guided, each waypoint allowing for various linear, and orbiting search patterns and altitudes. The aircraft's flight profile has the ability to be updated or changed in flight. These systems are already proving very useful in Iraq and have almost certainly saved lives.

Another UAV proving very successful in Iraq is the Raven. This is also a small hand-launched device that provides controllers with real-time, 'over the hill or building' views. It packs conveniently into a suitcase and can often be found in the back of US Army Humvees. Some 250 systems have been built, though no accurate intelligence on just

how many are operating in Iraq is available.

One UAV that is most welcome to those troops involved in roadside explosives' searches, is the Shadow, a small tactical aircraft that identifies improvised explosive devices, and performs a variety of reconnaissance missions. The Shadow has become the "eye in the sky" for the 3rd Brigade Combat Team, Soldiers from the 101st Military Intelligence Battalion stationed in Iraq. Here they help the brigade commander keep "eyes on" the surrounding area for at least 10 hours every day.

Staff Sgt. Lucas Johnson of Alpha Company maintains four devices, three used as primary flyers and one in reserve, which can also be used for

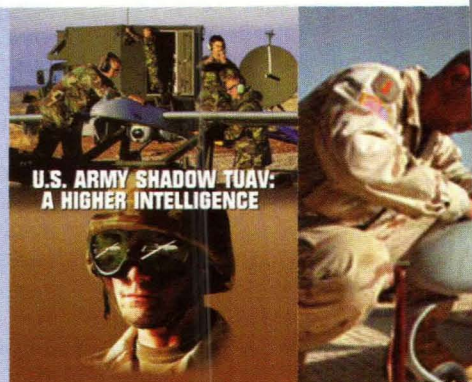
parts. The team normally schedules two 5.1 hour flights per day, keeping only one UAV in the air at a time. However, when requested, they can launch the several within an hour. They can also fly more than one aircraft at a time when continuous coverage is needed.

Sgt. Lucas Johnson said: "On 24 June 2004, for example, we had about 12 hours worth of coverage on one area, we just kept sending bird up after bird. We were able to pick up a sniper, report his location, and they were able to shoot a 203 round (40mm grenade) into the window. We also monitored the insurgent's movement through the city of Behritz."

While the Shadow has a "textbook" range of up to 50 kilometres, the team has tested and flown the aircraft to

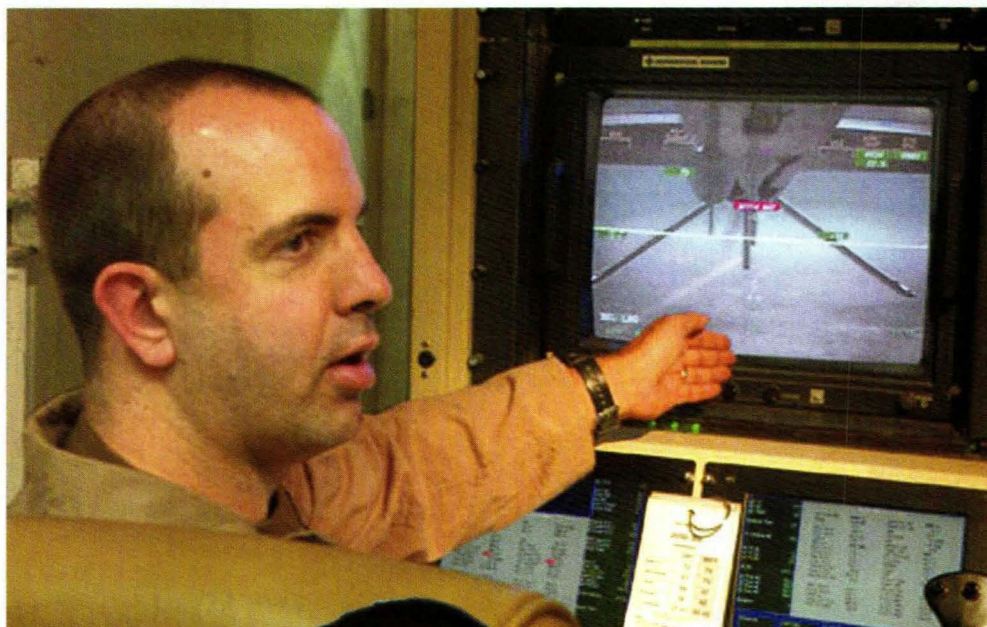


The Raven UAV complete with desert camouflage



A US serviceman explains how a Predator drone in Iraq is controlled from a centre in Nevada. Note the joystick to his immediate right and the clarity of vision beamed back by the UAV

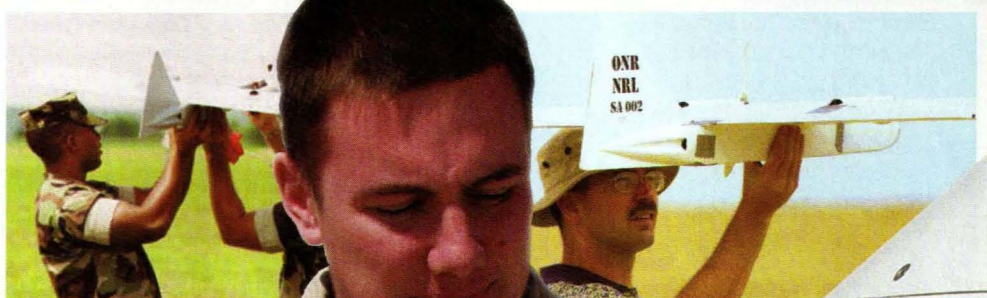
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almost 80 kilometres out, said Johnson. GPS systems on the aircraft and on the ground antennas "talk to each other," triangulating the UAV's position, and allowing the operator to control the UAV from the ground.

Deputy Director Weatherington said that the US military operate a fleet of different UAV's that perform various tasks. "They are a real advantage. If a convoy is going down the road and sees something up ahead that looks unusual, they can literally stop, put one of these things together and launch it, fly down the road and access the situation - all without endangering the convoy.

The Pentagon acknowledges that the use of UAV's will steadily increase,



These images show how the size of UAV's vary. In the main photo, an engineer cleans the 'eye' of a Predator, while the shots above show how small the Dragon Eye UAV is in comparison



The Shadow UAV



particularly on high-risk missions. He also believes that the concept of UAV's will develop, though accepts they are

not a panacea. "They can't do everything for everybody, and we should not try to make them do everything for everybody," he said. "They have become an extremely valuable asset, in terms of their endurance, their intelligence, surveillance and reconnaissance capabilities, their flexibility and their cost."

"They have proven their worth and continue to be a very effective tool for combatant commanders fighting the global war on terror. It is important to deny the enemy sanctuary. So constant surveillance in his backyard, so to speak, prevents him the opportunity to mass assets and forces."

NEW INTELLIGENT UAV'S

While Dyke Weatherington (left) tries to assure observers that UAV's will never have to make executive decisions, secret research being conducted by various US defence contract companies that may do just that. Lockheed Martin and Northrop Grumman are just two companies developing a new UAV that will operate with minimal guidance from humans. It is also being designed as a fully-fitted battleground aircraft. The far from original concept has been tentatively dubbed 'robocopter', but what distinguishes this UAV from others is that it will be designed to recognise friendly forces and actually attack hostile combatants by using highly advanced computer chips. The device will be preprogrammed to fly over a specific area and using sensors, identify the enemy. Costing around \$9.5 million each, the aircraft will have an endurance of about ten hours and detect friendly fire, grenades, missiles and other weapons from a distance of about 1,500ft. On-board computers will then 'home-in' on enemy positions and either relate coordinates, or attack. This autonomous deci-



sion-making is seen as the birth of the true drone warrior and intelligence gatherer.

Analysts believe the 200mph aircraft will be operational by 2012.

A US engineer checks a component on a UAV in Iraq

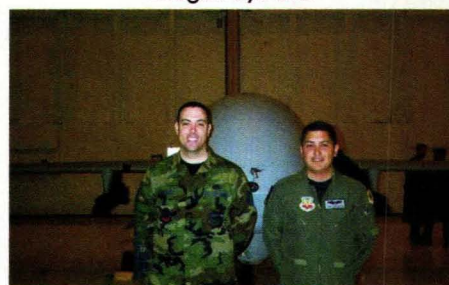




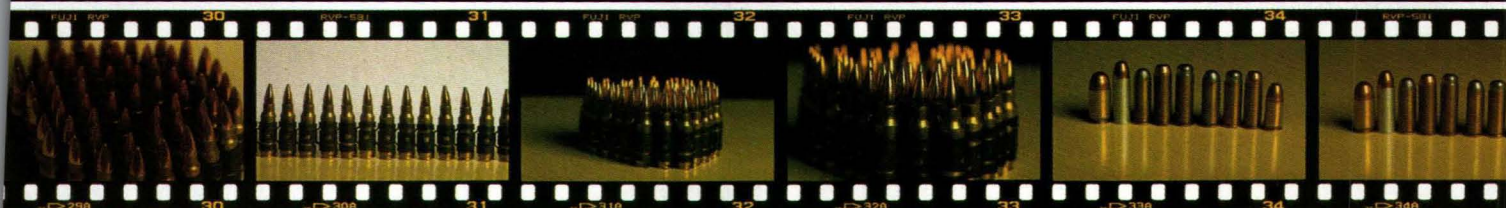
This photograph shows US troops preparing to launch a Dragon Eye UAV to gather intelligence on a suspected terrorist or rebel sniper point in Fallujah



Dragon Eye UAV



Predator UAV with Hellfire missiles



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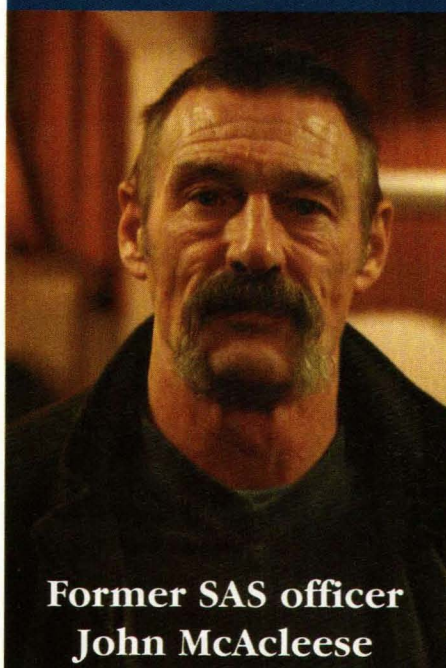
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Former SAS officer
John McAleese



H.E

Contact! Contact left! Echoes over the radio. A vehicle screeches to a halt and four men armed with automatic rifles pour out of a vehicle in fast and menacing motions. Their movements are a blur as they take cover, bringing weapons to their shoulders they engage the enemy before leaving their stricken vehicle and make for safety. This could be a scene played out in the bad lands of Iraq, but this is a training exercise conducted at a site in the UK.

The four 'armed' men are all participants in Stirling Services' Hostile Environment Awareness Training / Personal Security Detachment Course or HEAT [H.E.A.T / P.S.D.]. Barry, Francois, Chris and Tony (pseudonyms) are four professional ex-British servicemen who are heading for Iraq. All the men are fully aware of the dangerous security situation in Iraq, thus are attending the course in order to hone and practise the specialist skills required for operating in such a deadly theatre as Iraq. To this end they chose Stirling Services as the company that can best equip them for their future deployment.

Director of Training, John McAleese, a 22-year veteran of the British Army, heads the course. During his employment with the army, John spent 15 years in the 22 Special Air Service (SAS) regiment. John or 'Mac' to those closest to him is better known as the man in black photographed making an explo-

sive entry during the 1980 Iranian Embassy siege in London. Like it or not, the incident immortalised the SAS and gave the public a fleeting glimpse of the most professional group of soldiers in the world.

The H.E.A.T / P.S.D. courses have been specially designed for those who may find themselves operating in hostile environments such as Iraq. The course sets out areas that are imperative. The modules include: Risk Assessment, Route Planning, Vehicle and Equipment requirements, Convoy and Contact Drills, Weapons Handling, Communications, Improvised Explosive Device Awareness (I.E.D's) Search Techniques, Remote Area Medics and Counter Attack Team Drills.

The 10-day course is intensive and hard work. Each participant is pushed to their limit to ensure that they develop skills to an extremely high standard. Whilst Stirling Services recognise that you cannot train a man in just 10 days, the course helps augment techniques so that they can



A.T.



Eye Spy and Law Enforcement Picture Library recently spent time with a very specialist company providing superb training for those serving at the cutting edge of front-line security, be it in an intelligence, military or commercial environment. The head of that company is a person known to millions worldwide as the 'man in black' - who with colleagues - ended the Iranian Embassy siege in London. He is former SAS officer John McAleese



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take that knowledge and apply it to the team's personal training regimes.

It was clear observing members practise vehicle ambush drills, that the SAS ethos of constant repetition and attention to detail is very much evident in this course. The drills were practised again and again for hours under the ever-watchful eyes of McAleese and the other Stirling Course instructors.

As the men exit the vehicle - John McAleese: "Stop, good exit, but number one man, make sure you close the car door, it may provide a little more cover, let's go again!"

The car screeches to a halt again - John McAleese: "Good exit again, but number three man if you are signalling with your hand make sure it is not the trigger hand, let's go again!"

And so it continues hour after hour ironing out the tiniest of mistakes that could mean the difference between exiting an ambush alive or dead. Once the team perfect their ambush debus drills, the whole process starts again - this time with two vehicles and a VIP or principal.

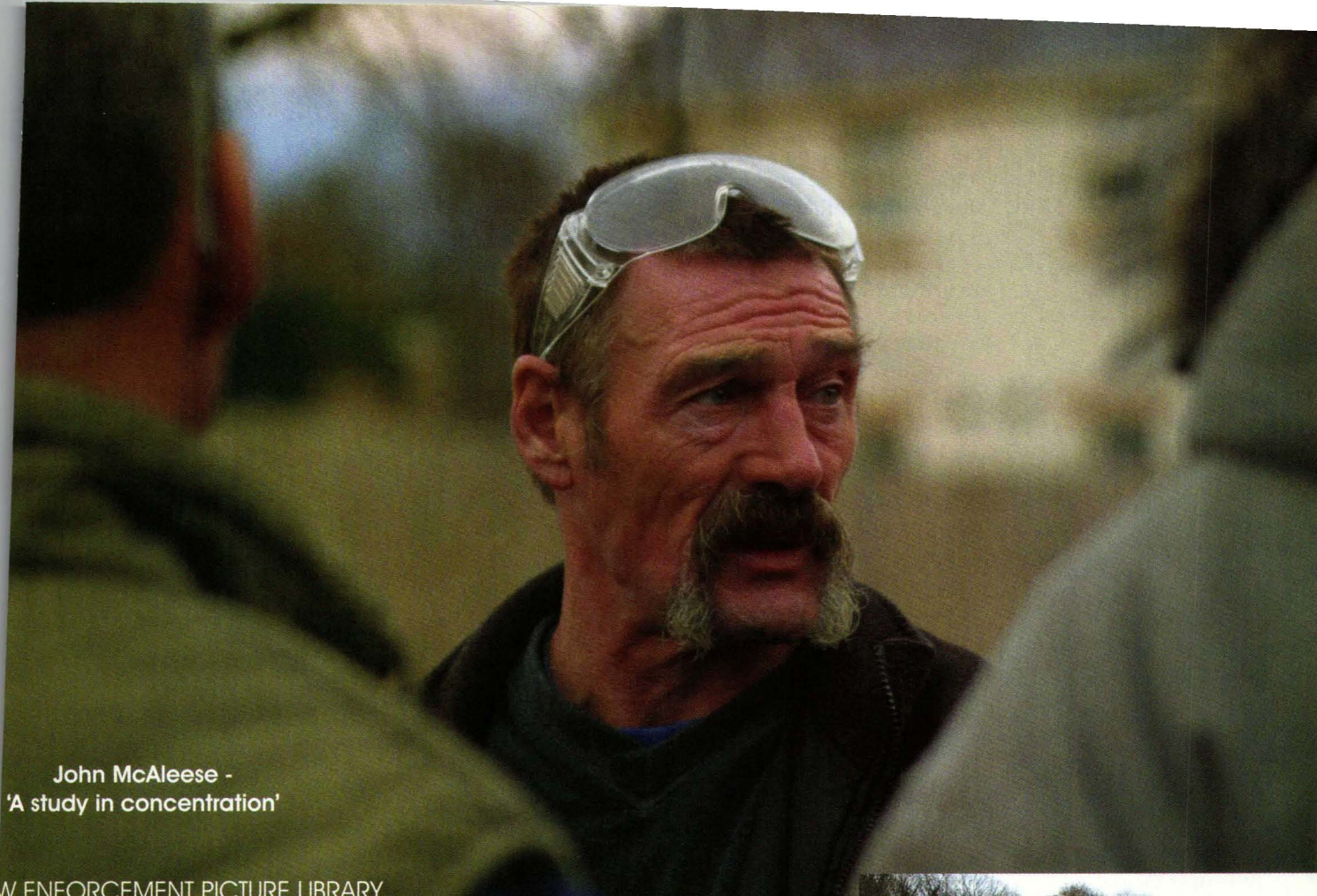
The four course participants were quick to stress that as professional soldiers they were going to Iraq to do what they do best - which is soldiering - albeit in a new role providing security for individuals and companies. They are not thrill seekers. As committed professionals they sought out the guidance and training afforded by Stirling Services. McAleese's trainers and procedures are respected all over the world. For ex-professionals serving in Iraq under the umbrella of the private companies, the dangers were again

evidenced in late November, when for former British Army Gurkhas were killed in a bomb blast.

The training staff at Stirling Services reads like a 'Who's Who' from the top echelons of Britain's Special Forces. With the likes of John McAleese and Chris Ryan, (the only member of the Bravo Two Zero patrol to evade capture in Gulf War One), this ensures that the techniques and methodology required are up to the minute and constantly updated.

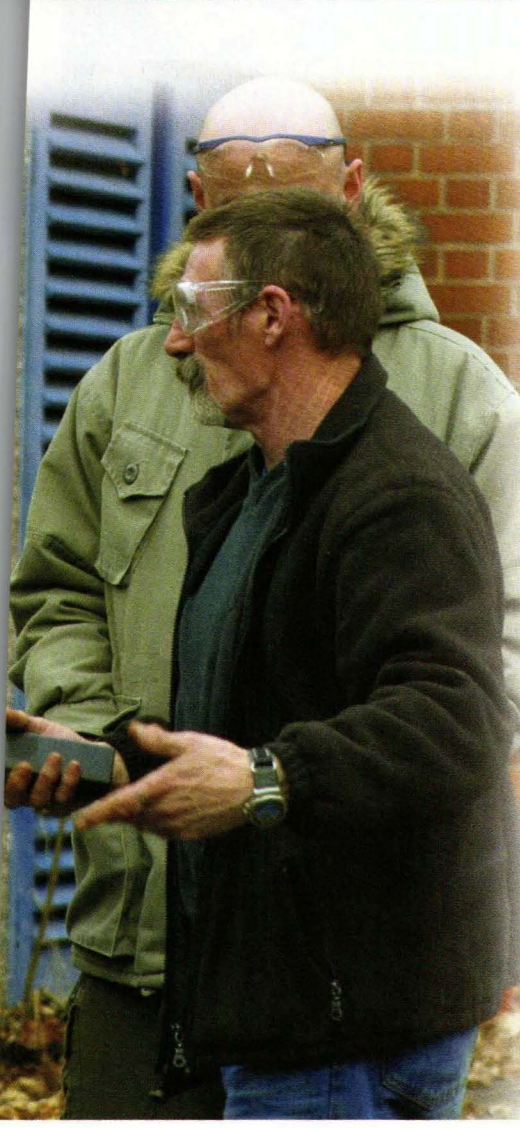
Stirling Services' training facilities are impressive and can accommodate 65 students. The site has indoor and outdoor ranges, various training buildings for C.Q.B. and hostage rescue scenarios, an assault course, driving skills area, C.Q.B. training building with external abseil rig, indoor gymnasium with a mock up helicopter abseil fast rope facility, a large range of vehicles including 4 x 4's and an armoured personnel carrier, armoury and helicopter landing pad. With a BAC 1-11 Airframe on order for sky marshal and aeroplane assault scenarios, the facilities cater for all areas required for today's modern security and specialist military units.





John McAleese -
'A study in concentration'

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The range of courses offered cover the full spectrum of private security and military training capabilities including close protection, hostile area medic, tactical firearms, surveillance, H.E.A.T. / P.S.D. advanced driving, unarmed combat, close quarters battle (C.Q.B.) air traffic security as well as bespoke training for civilian, military or government groups.

John McAleese constantly stressed the need for awareness and how letting your guard down for just a minute could be fatal. He related a story to the course group of a friend who was working in Iraq.

John McAleese: "This man was really switched on and knew exactly what he was doing, however after spending months in Iraq he became complacent, he left his camp without backup and went into a local town, 10 minutes later he was dead and it was as simple as that. Take your eyes off the ball for one minute and it can all be over."

While all of the course participants were aware of the dangers they face in Iraq, they were sure that the H.E.A.T. / P.S.D. course had without a doubt sufficiently enhanced their awareness and capabilities for what will be an





extremely testing time. The H.E.A.T. / P.S.D. programme, along with all other Stirling Services courses, results in either a pass or fail, unlike a number of security programmes. Stirling Services will not issue a certificate purely for attendance. The end of the course culminates in a real time scenario encompassing all of the skills practised over the 10 days. If a student does not perform to requirements they are failed without question.

I believe that any civilian seeking work in Iraq or in other sensitive areas should be required to undertake such a course. The government won't allow you to drive a car in the UK unless you are properly trained; it's probably time to introduce legislation to ensure the same is true for those individuals seeking employment

in Iraq or any hostile environment throughout the world. Whether required to or not, they could find no better course in my opinion than those being currently offered by Stirling Services, after all who wouldn't benefit from training with the infamous man in black?

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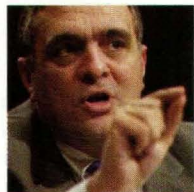
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TIME ON TARGET

Gone - The CIA's Jack of All Trades

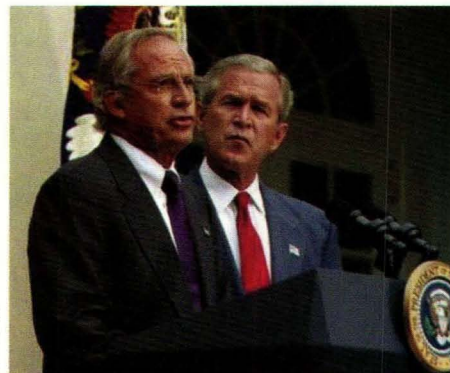
In a private address to employees at the CIA's headquarters in Langley, newly installed DCI, Portor J. Goss vowed to get the agency back to the business of spying and 'mischiefmaking', despite concerns from some US politicians. Former CIA Director George Tenet had tried to build a good open working relationship with all parties, but Goss feels that a meaner streak is required in these "difficult times."



George Tenet

Goss has initiated a whole array of changes at the CIA that will see officers remaining at overseas posts longer, better training courses

initiated, on the spot assessments, and grinding out authentic HUMINT (human intelligence). He also wants to develop senior officers who are highly trained in specific areas of tradecraft. "I want intelligence officers to work longer on one target and stop shuffling people around on artificial schedules," he said. This was a reference to the CIA's internal six-month rotation period where officers often find themselves being removed from operations because it is time to move on. Indeed, analysts note that because of this inflexible timetable, officers were moved from Iraq and sensitive assessment programmes sometimes in the middle of operations. "Being the jack of all trades and the master of none is not the right formula," he said. "Time on target is part of this, and that matters."



Portor Goss alongside President Bush

Field officers and those analysts charged with providing reports, (sometimes used to go to war on) will be given even greater autonomy and allowed to take more risks. This is seen as crucial if the quality of intelligence is to be improved. Goss did, however, say he will provide support to his employees if they get it wrong. "When it goes wrong, I will be there to support their efforts," he said. "This I believe wholeheartedly."

Goss told employees that the agency will improve in all areas. ➤



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SPECIAL READER OFFER

New DCI Portor Goss wants more time spent on investigating and analysing subjects



These positive comments seem to lay to rest any anxiety that the CIA would be ruled one day by an intel supremo - though Goss himself is being linked to the proposed 'intelligence czar post'.

He dismissed newspaper suggestions that he was not up to the job and was just a President Bush stooge. "Before making any judgements about me, sit back, relax, and I will tell you briefly who I am, what I believe and where I plan to take the intelligence community. I am not necessarily the person you have been reading about or hearing about... unless you're reading or hearing good things about me!" He must, however, have breathed a sigh of relief when George W. Bush was re-elected to the White House.

Appointed DCI just before the United States election, Goss has put the agency almost on a war footing and tried to invigorated the 'old guard' who believed the CIA was close to melt down. He insisted he would implant 'eyes and ears' everywhere in the world and that the feared Directorate of Operations would once again take more risks that will enable it to "have the ability to understand what is actually going on."

Shortly after that statement the man in charge on that unit departed. (see column right)

Many critics of the CIA believe the 'Company' is an outdated organisation that can no longer cope with its new responsibilities. In recognising known difficulties, Goss admitted "we must collapse bureaucratic layers. I say this with fervour."

He told Langley employees: "Our nation is at war. It's a cold fact. I wake up every morning thinking that... I go to bed every night thinking 'what did I do today to help us advance the war?' I hope it's the same kind of thought you have. I think you are performing exceptionally."

Goss has taken no time to stamp his authority and type of leadership on the agency. As a cold war officer from the 1960s, Goss reflected on his long years learning the tradecraft of a spy. He used phrases such as 'mischiefmaking', 'close-in-access', 'recruit and assess'. It remains to be seen just how successful the CIA will be in its war with al-Qaida, though few would bet against the agency regaining its ability to spy and create havoc in any part of the world.

CIA will endeavour to conduct more clandestine operations than ever

Old guard resign as Portor Goss brings about change in CIA



As Portor Goss continues to breakdown the CIA's decade-long programme of 'political correctness', several experienced officials have decided to resign, including Steven Kappes, overall head of the agency's espionage activities. He took over from James Pavitt, who left in August.

Kappes was in charge of the clandestine service, formally known as the Directorate of Operations. His deputy Michael Sulick, and the service's No. 3, a woman who cannot be named because she works undercover, also walked.

Other senior and prominent figures to have gone include John McLaughlin, deputy director.

According to intelligence sources the resignations are the culmination of two to three weeks of conflict with new CIA Chief of Staff Patrick Murray and Jay Jakub, special assistant to the director for operations and analysis.



Major changes at CIA headquarters in Langley

The two officials, men with intelligence backgrounds but political career tracks, are part of a leadership team that Goss has brought in.

Michael Scheuer, the author of *Imperial Hubris*, a book highly critical of President Bush's war on terror, also resigned in late November. Scheuer said that the agency suffers from "arrogance, bad judgment, disdain for expertise and bureaucratic cowardice." Despite this, he is concerned many more senior officers will either retire or "move on." Scheuer believes the CIA will "be hurt" if politics start creeping in to decision making.

Nevertheless, Goss has his supporters. Robert Baer, a former case officer and the author of the controversial book, *The Fall of the House of Saud* said: "If the CIA had been running sources in Germany and Saudi Arabia it would have found out Osama bin-Laden was recruiting suicide bombers."

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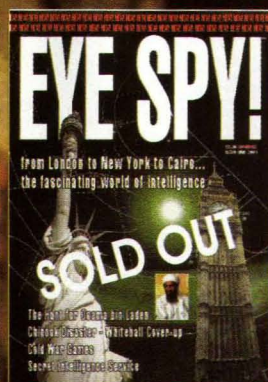
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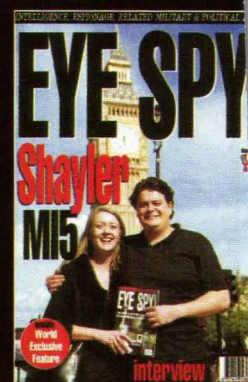
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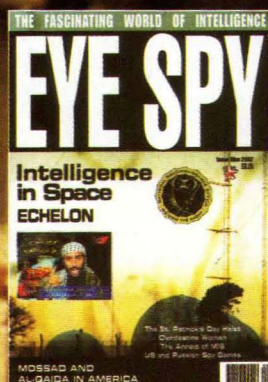


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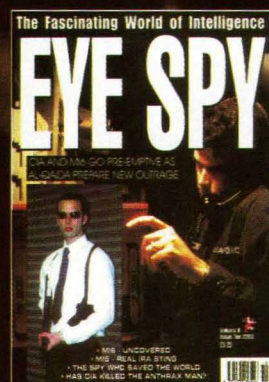


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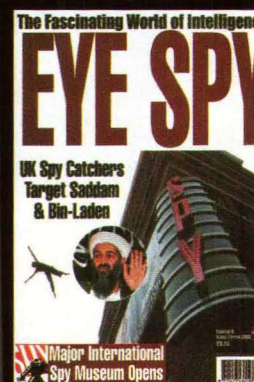
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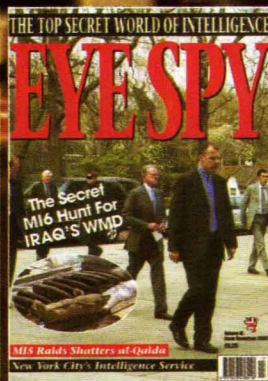


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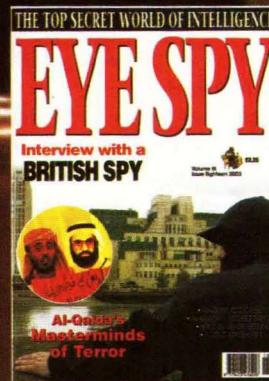


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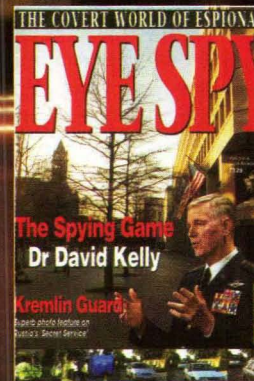
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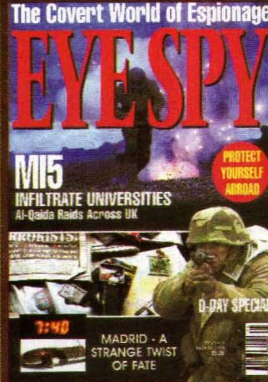


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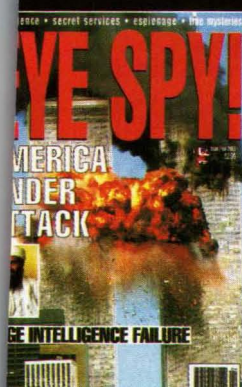


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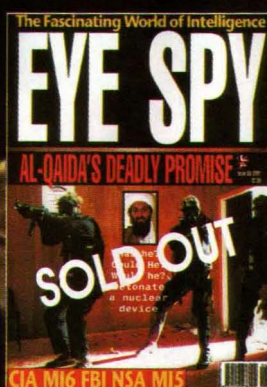
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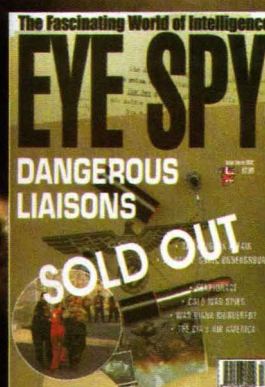
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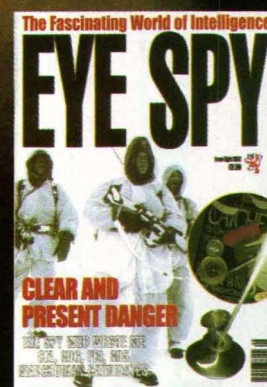
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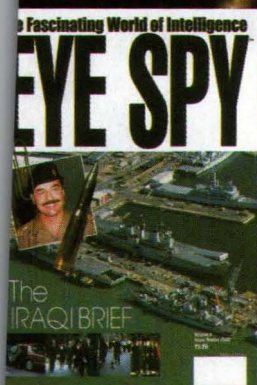
Issue 6 Ref: ES/06 USA \$7.00
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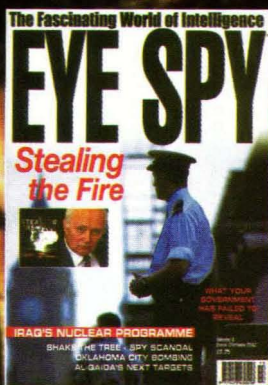
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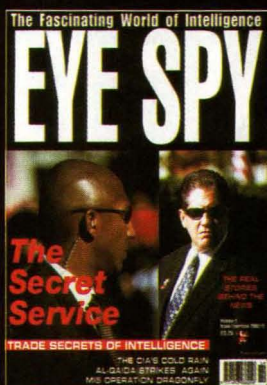
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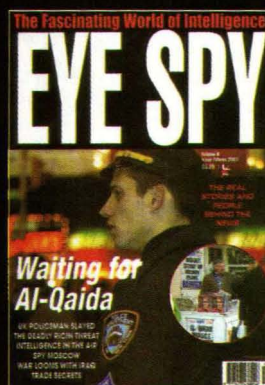
Issue 12 Ref: ES/12 USA \$7.00
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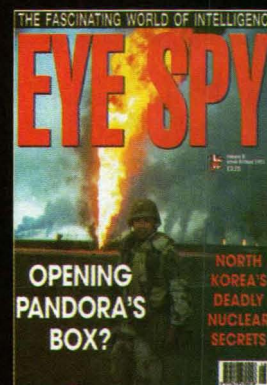
Issue 13 Ref: ES/13 USA \$7.00
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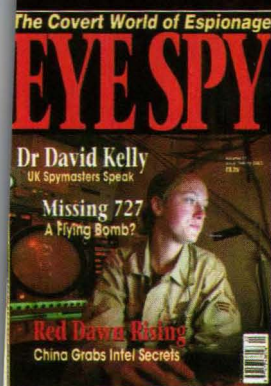
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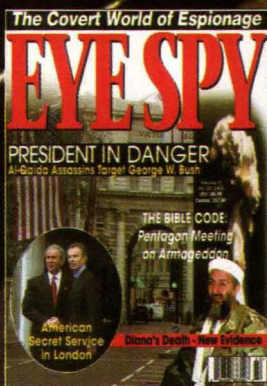
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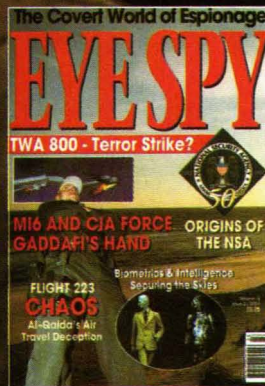
Issue 20 Ref: ES/20 USA \$7.00
UK £3.50 EUR €4.50



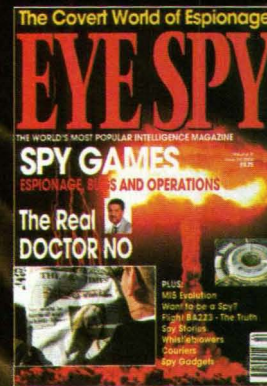
Issue 21 Ref: ES/21 USA \$7.00
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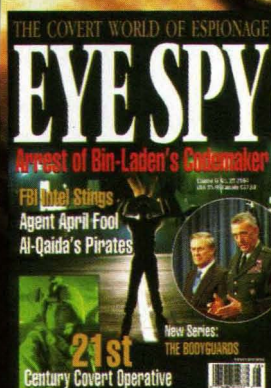
Issue 22 Ref: ES/22 USA \$7.00
UK £3.50 EUR €4.50



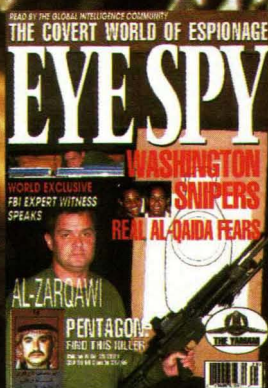
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WORLD OF ESPIONAGE

The Ghost B

**SECRET IN THE UK -
PUBLIC IN THE USA**



**The strange story of a
website that some accuse
of endangering the security
of the West**

ses



© NICK REDFERN

Secrecy and controversy can always be found on the same page, but when one web site page called 'Secret Bases', suddenly disappeared in June 2004, it turned the wheels of the rumour mill full circle. Many surfers who had enjoyed Alan Turnbull's *Secret Bases* page suspected that harsh criticism from journalists had forced the security services to act. Nothing could have been further from the truth, but the damage had already been done.

Secret Bases is a thoroughly well-researched website that provides a fascinating, yet light-hearted look at dozens of well known and not so well known military, intelligence and

government facilities in the UK. By using overhead photographs of the sites and identifying their locations on Ordnance Survey maps (which, for reasons unknown, OS had failed to recognise), some journalists believed that the website had damaged Britain's national security. Yet it was precisely because of the confusion that surrounds so many of the UK's government sites, that *Secret Bases* was created.

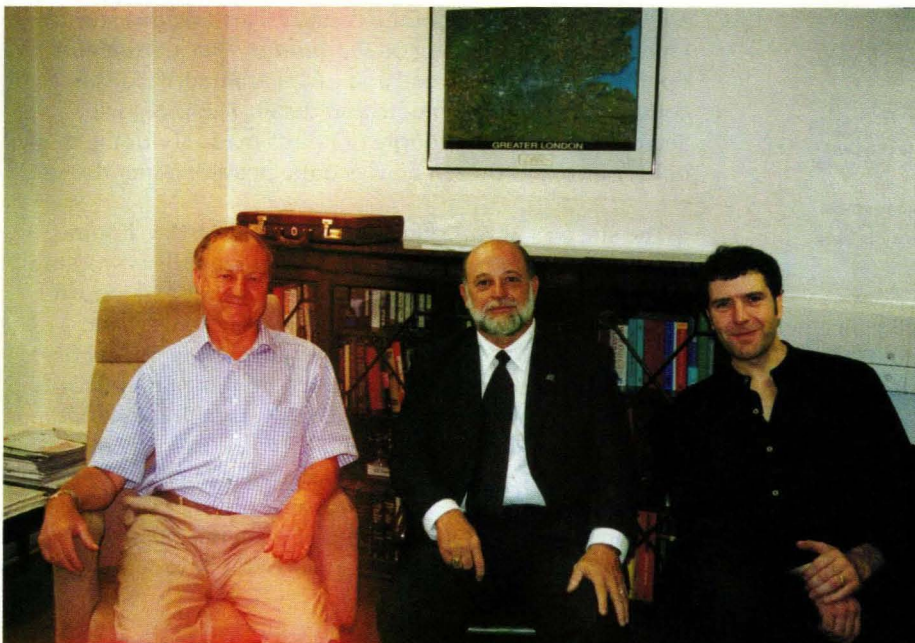
Alan told Eye Spy that the government has supposedly grasped everything that is good about a Freedom of Information Act (FOIA), yet was puzzled why huge and well known military and intelligence bases such as Menwith Hill was described as a 'camp' - giving rise to the suggestion that it was simply

an army barracks of sorts. "Perhaps some folk are stuck in the mindset of Cold War mentality," Alan told Eye Spy. "The Freedom of Information Bill is due to come into force by January 2005, but how does all of this fit in with what happened to me last summer?" He has a point.

The inspiration for *Secret Bases* was a 2002 British television programme by stand-up comedian and political activist, Mark Thomas - '*Secret Map of Britain*'. Alan is keen to point out that Thomas's political themes were of no interest to him, but the locations were. After researching a number of sites, it was clear that several were not on Ordnance Survey maps. This was puzzling, especially in light of the government's effort to introduce more openness.

One base that appeared in the television programme was AWE Burghfield. Alan noticed that the OS map showed an empty field with a "suspicious" dead end road leading directly into its centre. This bizarre 'ghost base' had been omitted since 1974 - but passing motorists could hardly fail to notice its presence.

Alan contacted Admiral Nick Wilkinson, Secretary of Britain's Defence Press and Broadcasting Advisory Committee (sometimes referred to as the 'D-Notice') to ask why the site was not listed. In years gone by, rumours abounded that '*D-Notices*' were being placed on all manner of newspapers and magazines to stop publication. Under the astute eye and leadership of Mr Wilkinson, the office has brought about several important changes and is seen as a helpful tool and bridge



Admiral Nick Wilkinson, Secretary of Britain's Defence Press and Broadcasting Advisory Committee (left), pictured in his Whitehall office with former FBI anti-terrorist director, David Major (centre), and Eye Spy editor, Mark Ian Birdsall

Alan Turnbull's "Secret Base" Page

A guide to using Internet-based research tools: maps and aerial photos!

www.secret-bases.co.uk

(also available at <http://homepages.netherid.com/alan-turnbull/secret.htm>)

Website created: August 2003

Page removed due to media hysteria: 24th June 2004

Page reinstated: 23rd September 2004

Page last updated/modified:
20th November 2004

GO TO MY HOME PAGE

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CONTACT ME BY EMAIL

What the experts said about my "Secret Base" Page ...

"An intelligent and innocuous guide to using the web resources already online ...
... you've used them better than others I've seen - well done!"
(June 2004)

Duncan Campbell, Author, Investigative Journalist and TV Producer: RPTV Limited



The 2002 and 1999 versions of Getmapping's image of GCHQ Benhall
Aerial photo data courtesy of www.getmapping.com
COPYRIGHT © Getmapping plc

Sometimes you can stumble upon interesting sites by accident. [Hanslope Park](#) in Buckinghamshire looks like one of those stately homes you would pass on a Sunday drive out with the kids. It is designated "The Foreign and Commonwealth Office". However, a [further look](#) using the Get-a-map site reveals rather more than your usual country pile.

Hanslope Park was originally acquired by the Foreign Office at a time when the Secret Service was in its infancy and GCHQ-type work was done at nearby [Bletchley Park](#), in the days of Alan Turing. Hanslope has been massively expanded in more recent decades. It now houses annexes full of the latest supercomputers and communications equipment - and we're not talking "Intel Pentium 571". The Hanslope Park estate (further below) is home to M6 operatives who process and analyse data sent from GCHQ in Cheltenham and Menwith Hill in North Yorkshire.



Aerial view of building layouts of DLO Enslough and DLO Fox Hill, Bath
Aerial photo data courtesy of www.getmapping.com
COPYRIGHT © Getmapping plc

Britain's very early signals and radar research work first started on England's south coast at [Steamer Point](#), on top of Fiars Cliff, close to Mudeford near Christchurch, Dorset.

I remember spending many childhood summers at the neighbouring Sandhills Holiday Centre at Mudeford. I was fascinated by the huge white golf ball radomes further along the beach at the Signals Research and Development Establishment (SRDE). This site hosted the UK's first military communications satellite ground terminal. The [SRDE's main base](#) (pictured below) was a little further inland at what is now BAe Systems at Somerford, Christchurch.

In 1980, the SRDE finally pulled out of the Christchurch location and the activities were merged with those of the RRE at Malvern. Today, a commemorative plaque at the old Steamer Point radome site remembers the signals and radar experts who worked there.

between the media and the military and intelligence world. Mr Wilkinson said the base should be listed and it was nonsense that OS had not done so. He explained that OS had been advised of a new policy and in recent years certain sites have mysteriously appeared again.

In late 2003, Alan set about producing a guide to using 21st Century Internet-based research tools. Namely, the *Getmapping* aerial photos and the various online mapping sites, including Ordnance Survey.

He began to identify government and military sites on OS maps that simply read 'disused airfields'. Some of the *Getmapping* photographs showed the sites were far from



Ian Hay's Flight Images provides stunning photographs but his company always acts responsibly

defunct and quite active. He then discovered that by switching between different dates and scales, certain Ministry of Defence sites suddenly disappeared and then reappeared. Others would get labelled differently or have varying scales of detail. He also discovered that the British Government's own MAGIC mapping website offers 1:10000 scale OS maps (for England only) which show detail and extra labelling not present on 1:25000 and 1:50000 OS maps.

Secret Bases got its first Google indexing in January 2004. A few weeks later, one of the country's leading investigative journalists, Nick Fielding of *The Sunday Times*, stumbled upon it. He was fascinated and asked Admiral Wilkinson to comment on its rich content and detail. The D-Notice Secretary corrected a couple of points made about the work of his office, but overall he was quite positive about the site.

The site was moving along nicely until one day, in June 2004, Alan began receiving emails from journalists working at a number of provincial newspapers. He replied in turn reminding them about 'public domain' facts and 'open source' information. Alan's site was attacked by the media and some journalists even suggested he was "aiding terrorists." Others pointed out that the site was falling foul of the Official Secrets Act. *Getmapping* had faced this barrage of criticism from the same 'defence analysts' when it launched on the Internet. Alan told Eye Spy that much of the criticism had come from retired military and academic officials with little understanding of the workings of the Internet.

The Government was asked to comment on *Secret Bases*. A spokesperson said there are no "secret bases in the UK." Naturally a caveat was included saying some work is covered by the Official Secrets Act.



The pressure was beginning to tell, and Alan contacted Admiral Wilkinson about the site. He saw no reason to take it down, but he did anyway. The abuse was vicious and edging ever nearer to defamation and libel. The final straw came when a newspaper carried the headline - *'Terror is only a Click Away'*.

Some Internet enthusiasts believed Admiral Wilkinson's office had slapped 'D-Notice' on the site. This simply doesn't happen anyway - the office can only "advise", hence 'Defence Advisory'.

Intelligence Online, another website remarked on the situation: "Secret in the UK - Public in the US", making references to the US proliferation of websites like *Secret Bases*.

Alan decided that a break was necessary and headed for the Scottish Highlands. He reflected long and hard as his train journey took him past the Faslane nuclear submarine base and a nearby NATO munitions store. There were barbed wire fences and watch towers aplenty. Youngsters on the train puzzled at strange grassy mounds complete with access hatches. All quite fascinating, he thought, and all viewed without Ordnance Survey maps or *Getmapping's* aerial photographs.

The removal of *Secret Bases* was pointless and another website mirrored it (without Alan's permission). Two journalists, Nick Fielding and Duncan Campbell contacted Alan to offer support, and after a cooling off period he decided to relaunch the site with a special page dedicated to those journalists who had attacked him. Duncan Campbell said: "Secret Bases is an intelligent and innocuous guide to

using the web resource already on line." He told Alan he found the resources better than other sites. Nick Fielding said sites like this are needed, "if only to test the pronouncements that come out about 'open government'." But perhaps the last word should go to retiring 'D-Notice' Committee Secretary, Admiral Nick Wilkinson: "It's a very interesting and useful compilation." When asked



"Secret Base" Page

A guide to using Internet-based research tools: maps and aerial photos!

whether it jeopardizes national security, Mr Wilkinson said: "It does not add to the danger of national security. The site is republishing open source materials widely available in the public domain and not, therefore, increasing the danger to sensitive sites."

Alan is keen to explain that all the information contained in the web page is fully in the public domain... and has been for many years. "I have sourced much of the information from official Government and Ministry of Defence websites," he said. And without too much hesitation, Alan told Eye Spy he had recently attended the 'D-Notice' Committee's annual reception in London. A convivial evening where the media, political, military and intelligence world swap stories and discuss happenings. This event is really worthwhile and provided Admiral Wilkinson with an opportunity to say goodbye to colleagues and adversaries alike. He has done much to create a sense of openness and has always made himself available to journalists and those working in all areas of the media. He will be replaced by Air Vice Marshal Andrew Vallance, former Executive Assistant to Chief of Staff, Supreme HQ Allied Powers Europe (SHAPE, NATO).

Amongst the array of well known faces at the function, Sir Kevin Tebbit, a former Director of GCHQ, and MI5 Director-General, Eliza Manningham-Buller. One wonders how those critics of Secret Bases would react to Alan's presence at such an event... maybe they would simply like to make him disappear!

LINKS: www.secret-bases.co.uk

ORDNANCE SURVEY In November, Ordnance Survey updated their online mapping data (through the Get-a-map website) to finally show HMS Forest Moor near Menwith Hill on their 1:25000 maps. It previously disappeared when swapping between 1:50000 and 1:25000, only to reappear on 1:10000. The latest 1:25000 data shows the full aerial farm in the fields to the south. Similarly, RAF Oakhanger's NATO Ground Terminal at the Warren enclosure and Defence Munitions Dean Hill in Wiltshire have just been added to 1:25000.

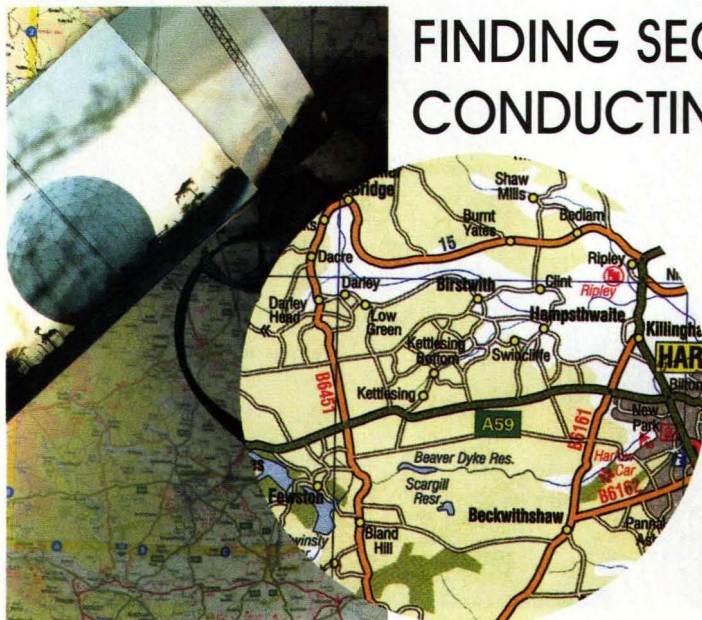
ALAN TURNBULL, 41, resides in Stockport, England. He is a graduate (1984) from the Department of Computation at the University of Manchester Institute of Science and Technology (UMIST). Following graduation Alan worked as a computer programmer. Throughout the 1980s, he worked as a freelance writer for many computer magazines and also acted as technical consultant, providing answers to readers using the technical helpdesk line. For the last two years, he has combined his writing and programming skills and directed them into his hobby of authoring websites.



THE 'D-NOTICE COMMITTEE' IN THE 21st CENTURY

The Defence, Press and Broadcasting Advisory Committee

1. The Defence, Press and Broadcasting Advisory Committee oversees a voluntary code which operates between those Government departments which have responsibilities for national security and the media; using as its vehicle the DA-Notice system.
2. The Committee is chaired by the Permanent Under-Secretary of State for Defence.
3. Membership may be varied from time to time by agreement. At present there are three members representing Government departments, one each from the Home Office, the Ministry of Defence and the Foreign and Commonwealth Office.
4. At present there are thirteen members nominated by the media; three by the Newspaper Publishers Association, two by the Newspaper Society, two by the Periodical Publishers Association and one each by the Scottish Daily Newspaper Society, the Press Association, the BBC, ITN, ITV, and Sky TV. The Publishers Association was invited in 1993 and in 2000 to nominate a representative but declined.
5. The press and broadcasting members select one of their number Chairman of their side and Vice Chairman of the Committee. He leads for their side at Committee meetings and provides a point of day-to-day contact for them and for the Secretary.
6. The Committee is served by a full time Secretary and part-time Deputy Secretary who substitutes in the Secretary's absence on leave etc.
7. The Press and Broadcasting members respond to proposals from the government departments concerned and advise the Committee on those areas of information in which it may be reasonable to invite guidance reflecting the interests of national security. Official proposals may not be issued in DA-Notice form without the consent of the Press and Broadcasting members.
8. The Committee normally has a Spring and an Autumn meeting each year. It reviews the Secretary's report of guidance sought and advice offered over the previous six months. It also reviews the content of the DA-Notices as necessary to ensure that amend-



Our O/S map purchased in 2004 still shows no sign of RAF Menwith Hill!

FINDING SECRET FACILITIES CONDUCTING RESEARCH

Searching for 'secret sites' is both fun and rewarding if done responsibly. However, always remember that even if a facility or air base appears unmanned, most of the land (and buildings) are still either owned by the government or a private land owner. Trespassing is illegal and can be highly dangerous. In most cases you will be detained.

A good way of uncovering sites is by way of research at local or national references libraries, or better still, at the National Archives. Many old sites are shown and by delving deeper

into their history, you can learn how the bases evolved. Compare the sites with modern maps and reference books or responsible Internet sites. Also check out WWI or WWII airfields and camps - see how the sites have developed or died. Quite often you will find the odd building sitting in the middle of a field. Sixty



National Archives - a rich source of information

THE D-NOTICE SYSTEM

NOW DEFENCE ADVISORY NOTICES (DA-NOTICES)
ISSUED BY
The Defence, Press and Broadcasting Advisory Committee
(DPBAC)

DA-Notices

The System	Committee	DA-Notice Secretary	FAQs
History of D-Notice	Agenda	Records	Articles & Speeches

ments are made to meet the changing needs of national security.

9. The DA-Notices are intended to provide to national and provincial newspaper editors, to periodicals editors, to radio and television organisations and to relevant book

publishers, general guidance on those areas of national security which the Government considers it has a duty to protect. The Notices, together with a General Introduction, details of the Committee and how to contact the Secretary, are widely distributed to editors, producers and publishers and

Standing DA-Notices

The 5 standing DA-Notices are as follows. Click the relevant button to see each DA-Notice:

Subject of DA-Notice	
DA-Notice No. 1	Military Operations, Plans and Capabilities
DA-Notice No. 2	Nuclear and Non-Nuclear Weapons and Equipment
DA-Notice No. 3	Ciphers and Secure Communications
DA-Notice No. 4	Sensitive Installations and Home Addresses
DA-Notice No. 5	United Kingdom Security and Intelligence Services and Special Forces

also to officials in Government departments, military commanders, chief constables and some institutions. The Notices have no legal standing and advice offered within their framework may be accepted or rejected partly or wholly.

10. Although the system is normally applied through the standing DA-Notices, should it be found necessary to issue a DA-Notice on a specific matter, the Government department concerned will agree a draft of the proposed Notice with the Secretary who, from his experience, can advise upon the form and content which are likely to make it acceptable to the press and broadcasting members. The Secretary will then seek the agreement of both sides of the DPBAC to the draft and, if it is obtained, issue the text as a DA-Notice.

11. The Secretary is normally a retired two-star officer from the Armed Forces, employed as a Civil Servant on the budget of the Ministry of Defence. He is the servant of the Government and Press and Broadcasting sides of the Committee, a fact which is recognised by the Vice Chairman being involved in the process of his selection. Similar arrangements apply for the Deputy Secretary who is also normally a retired service officer.

12. The Secretary (or Deputy Secretary) is available at all times to Government departments and the media to give advice on the system, taking into account the general guidance given to him by the Committee. DA-Notices are necessarily drafted in somewhat general terms and it is the application of a DA-Notice to a particular set of circumstances on which the Secretary is expected to give guidance, consulting as necessary with appropriate departmental officials. He is not invested with the authority to give rulings nor to advise on considerations other than national security.

13. If the Secretary agrees that a Government Department may quote the DA-Notices in a release of information to the media, he should ensure that the Department makes it clear that it is doing so on his authority and therefore that of the Committee.

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LINKS:

www.dnotice.org.uk/

COURTESY: SHAPE MEDIA AFFAIRS



Air Vice Marshal Andrew Vallance, former Executive Assistant to Chief of Staff, Supreme HQ Allied Powers Europe (SHAPE, NATO)

years ago the site could well have been a hive of activity!

If you plan to visit active or modern defence or research sites, remember that it is important to conform to requests by security staff and cooperate at all times. Often it is better to simply move on if invited to

do so. Photography is a sensitive issue today and do note official signs that can say 'photographs prohibited'. If in doubt, ask or write to the public relations officer and explain your research beforehand. In some overseas countries you will be jailed immediately for taking photographs. If you are planning to conduct overseas research, contact the Foreign Office (UK) or State Department (USA) for guidance.

The same type of research can be conducted in the United States of America, where use of Washington's terrific Freedom of Information Act is a valuable research tool.

It is an understatement to say that the security services in Britain and America are concerned about

Getmappings aerial view of RAF Fylingdales

COURTESY: GETMAPPING



terrorism. There is a heightened state of alert around many bases - thus if you are stopped and quizzed, make sure you have identification papers or your drivers licence with you. This will enable police to quickly determine you are not a threat!

There are also some fantastic books in the public domain that provide a wonderful insight into the world of secret bases. Eye Spy recommends Cold War - ES718 £31.00 \$58.00 and Cold War Secret Nuclear Bunkers - ES671 £15.50 \$30.00.



EYE SPY INTELLIGENCE MAGAZINE PRODUCT REVIEWS

Nitepalm Palm 4 *nitepalm* 



Off



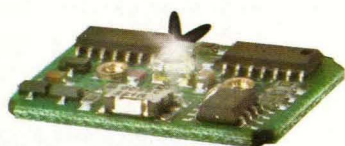
Location
Light



High
Beam



Emergency
Flashing
Signal



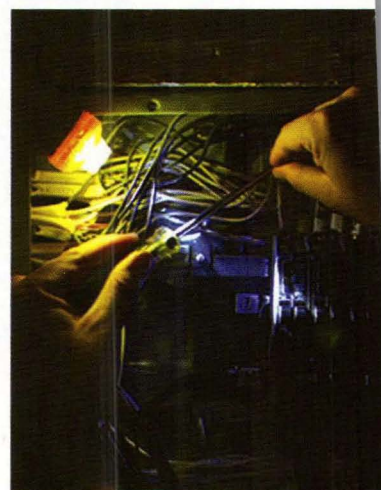
Solid state microchip L.E.D.
technology

'An invaluable piece of equipment

Mark Ian Birdsall - editor Eye

The Nitepalm Palm4 multifunctional torch is hugely impressive and an invaluable purchase. The device is small enough to fit into any handbag or pocket, and uses a super intensity, white LED, which throws a beam of light almost 100ft through a 'fish-eye' lens and protective translucent, rubber lens cap. The Palm4 is easily attached to a belt or pocket or most items, so it can cast its impressive light on to any object or work area. We recently used the device in a confined and dark area to install new wiring. It performed superbly.

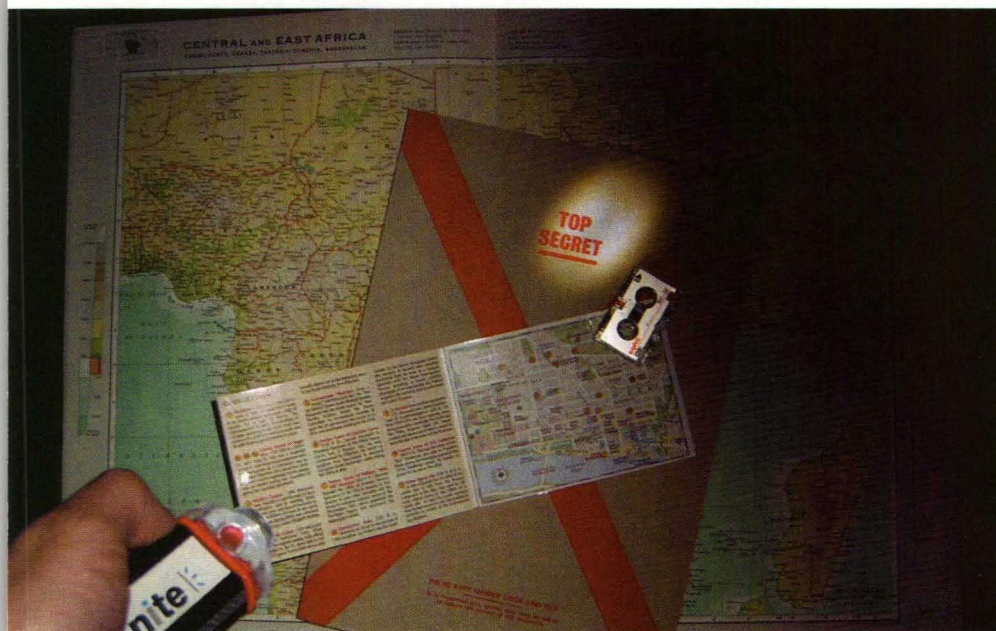
The 100ft beam is just one of four functions incorporated into Palm4. Three lighting modes include 'soft glow' (which is always active); this is handy if you forget where you have put the torch - especially in a darkened cluttered room, in a vehicle, a tool kit or outdoors. It has an extremely bright 'beam mode' which allows it to function as a room light because of the clear rubber lens. And equally as impressive, the device can send out an emergency flashing signal that can be seen from two miles away in total darkness. This is handy if communications



fail and you fall back on the signal as a means of relaying instructions.

The Palm4 has been manufactured to fit perfectly in the palm of the hand - hence its name. The body is made from polycarbonate and very, very tough. We bashed it about and the torch continued to function perfectly. Similarly, the manufacturers claim it is waterproof to 15 feet. Naturally we were keen to test this claim. However, Palm4 functioned brilliantly after a good soaking and kept on working in adverse weather. And, just for good measure, we dropped the torch in a bucket of water.

Palm4 comes complete with a magnetic belt clip that rotates through 360°. This means you can work in areas adjusting





the torch as you go. A clip at the bottom of Palm4 allows it to take a lanyard - quite useful.

How long does the battery last? We were astonished to find that Palm4 functioned for over 40 hours providing continuous bright light - and on full power! More remarkable is the fact that the torch when turned on to the 'always on glow' mode will last for over one year - all powered by a standard 9v battery (included).

The Palm4 is such a good item that we have no hesitation in recommending it to our readers... and at just £13.95 plus £2.50 p & p (\$25.00 + \$5.00 p & p) it is a bargain. Whether you intend to use the torch for security work or leisure activities or part of an emergency tool kit in the house or car, Nitepalm4 is the most versatile torch you or your family will ever own.

Available now from Eye Spy

Ref: ES/NPALM4

UK: £15.45 USA: \$27.50
EUROPE: £17.00 ROW: £18.50
(prices include p & p)



This is a powerful, yet remarkably easy to use PC monitoring and Surveillance programme. Simply follow the instructions and download the CD-ROM to your target computer. The programmes incorporated in the disc allow you to covertly track every detail of PC Internet activity in your office, home or anywhere in fact.

Spector Pro contains five recording tools into one: email recording, web site recording, chat/instant message logs, VCR-like snapshot recording, and a very useful internal keystroke journal log. Working simultaneously, *Spector Pro*'s tools record a variety of commands and save the data to a hidden location on the PC, or if linked to a network, on another machine entirely. And the user has no idea the PC has been uploaded with the programme due to a complex series of stealth programmes and codewords that only a stubborn professional could break or even discover.

Spector Pro

What's more, *Spector Pro* allows you to programme (define) key words into the PC and will alert you if the user has typed that phrase or word in.

- **EMAIL RECORDING.** You can view any email sent or received - including attachments.
- **CHAT/INSTANT MESSAGE RECORDING.** Records AOL chat rooms etc. Both sides of the conversation is gathered and saved chronologically for your review.
- **KEYSTROKE RECORDING.** Records all typed keystrokes, including hidden characters and true keystrokes.
- **WEB SITE RECORDING.** Records all activity including domain

names, and sites visited. This facility allows you to block future access to sites. Records time on site and downloading activity, plus number of visits.

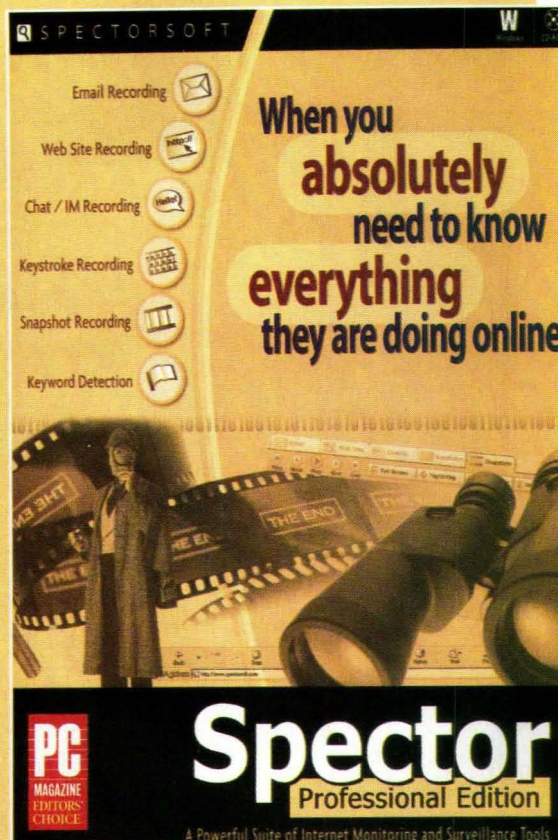
- **SNAPSHOT RECORDING.** The snapshot recorder keeps on taking photos of screen - very much like your own surveillance operator. These are stored in your secret file for viewing. You determine how many shots at any given interval. You can export files, fast forward or skip.
- **KEYWORD DETECTION AND REPORTING.** This is a fantastic tool that means you can create a list of 'on alert' words or phrases. Once encountered, *Spector Pro* will also start automatically snapshot recording.

For concerned parents or those interested in espionage (or both)... it's a useful and well created tool. For managers trying to cope with security over a network, it's a blistering tool. Simply upload on any PC and monitor from your own office.

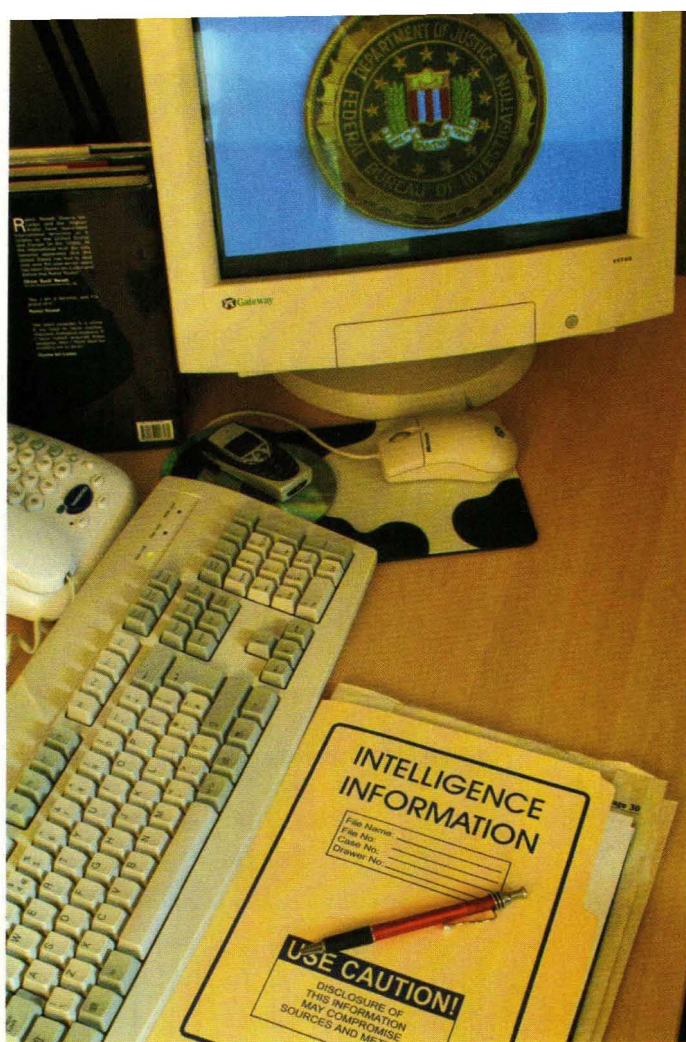
System requirements: Windows 95, 98, Millennium Edition, NT, 2000 or XP.

64M memory or more recommended.

Available from Eye Spy - please write for details and price.



Spector
Professional Edition



VANUNU

Israeli Nuclear Whistleblower Arrested Again

TEL AVIV: The man who disclosed Israel's top-secret nuclear weapons' programme, Mordechai Vanunu, was arrested by 30 heavily armed security officials in Jerusalem. Vanunu, who became notorious after he spoke to *The Sunday Times* in 1986, was only released earlier this year after serving an 18-year prison sentence for treason and aggravated espionage.



Vanunu was residing in St George's Anglican Cathedral when commandoes broke into his room. They did so on the new presumption he was imparting classified information to the foreign press. A laptop computer and personal papers were removed. Vanunu was interrogated for 10 hours before being released. His solicitor, Avigdor Feldman, said the raid had occurred on the day of Yasser Arafat's funeral so as to "minimise publicity."

At present, Vanunu is banned from leaving the country, venturing near ports or airports and from communicating with non-Israelis.

INTELLIGENCE DIGEST

FBI ON TRAIL OF THE THIRD MAN

Intelligence sources in Washington say the FBI has established a definite link between the Madrid train bombings of March 2004, and the 11 September 2001 attacks on the United States.

The FBI believe that a Madrid terrorist suspect also played a significant organisational role in 9/11. The FBI has long maintained that part of the planning for the attacks on America, was conducted in Germany and Spain.

Hijacker Mohammed Atta, the key commander who piloted one of the airliners that crashed into New York's World Trade Center, visited

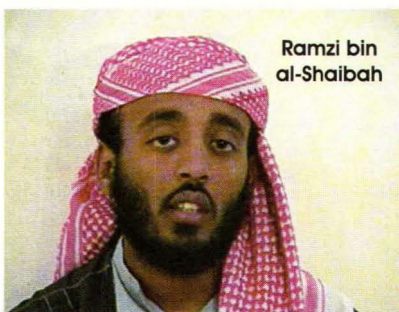


Spain just two months before the attacks and met two men. One was identified as Ramzi bin al-Shaibah, (currently in US custody), but the second man was never identified.

Spanish intelligence believe the 'third man' activated a sleeper cell in Spain in December 2003. That group was then charged with organising explosives and the planning of the Madrid bombings.

The man is said to be a 'senior lieutenant' of Mustafa Setmariam, himself suspected of being the leader of the Madrid bombers and who may have held a leadership role for al-Qaida in Europe.

Setmariam, 45 and of Syrian origin, was already wanted as part of a separate investigation into terrorist activity in Spain and is the subject of a Spanish *wanted notice* issued through Interpol.



Ramzi bin al-Shaibah

Armed with the new intelligence, the US State Department said it was offering a \$5 million reward for information leading to the capture of Setmariam, also known as Mustafa Setmariam Nasar or Abu Musab al-Suri. It described him as an al-Qaida member and former trainer at "terrorist camps" in Afghanistan.

- Seven known al-Qaida operatives connected with the incidents were shot dead by Spanish security forces. 29 people are in custody or under court supervision. Two prime suspected collaborators remain at large. Al-Qaida's Madrid operation killed 191 innocent civilians.

The Diana Tapes and a Murder Mystery?

A private recording of Diana, Princess of Wales, recently appeared on US television, lamenting the death of a former lover who she believed had been murdered.

The late Princess, who appears on several controversial videotapes believed to have been made in 1992 and 1993, and recorded by her voice coach, Peter Settlen, talks about falling in love with a former royal protection officer from Scotland Yard. It is believed the officer is Barry Mannakee, who was moved from Kensington Palace after the alleged affair in 1985.

Mr Mannakee died while riding pillion on a fellow police officer's motorcycle in 1987. The Princess said: "It was all found out and he was chucked out. And then he was killed. And that was the biggest blow of my life."

She went on to say: "And I think he was bumped off. But, there we are. I don't know... we'll never know."

Eighteen videotapes of Diana were allegedly made, but at least twelve remain unaccounted for.

CIA Directorate of Operations



Bush Tells Spying Division to Increase Personnel by 50%

President Bush has ordered the CIA to increase by 50 percent the numbers of analysts and case officers with the language and other skills needed to improve intelligence about terrorist groups and rogue nations seeking weapons of mass destruction.

While the move has been generally praised the directive, in the form of a memorandum sent to CIA Director Portor Goss, some intelligence watchers believe it might lead to a reduction in standards. "It will be extremely difficult to increase the numbers of people like that, especially because you cannot afford to let standards slip," said 'Dutch' Ruppertsberger, D-Md., a member of both the Intelligence and Homeland Security committees.

The memo gives Goss 90 days to work with outgoing national security adviser Condoleezza Rice

and the Office of Management and Budget to produce a plan and a budget to:

- Increase by 50 percent the numbers of "fully qualified officers in the Directorate of Operations," also known as the clandestine service, which recruits and runs agents;

- Ensure that 'a majority' of the new recruits are "drawn from diverse backgrounds with the skills experience and training needed";

- increase by 50 percent the numbers of "CIA officers tested and proficient in mission-critical languages" like Arabic, Persian and Pashtu;



Ruppertsberger



CIA spying operations set to double

- increase by 50 percent the numbers of analysts in the Directorate of Intelligence; and double the numbers of CIA staff involved in research and development of new technologies to help with the war on terror and the fight against proliferation of

weapons of mass destruction. The number of staff currently in the Directorate of Operations is classified, but it is thought to be several thousand, and the Directorate of Intelligence is several times larger than that.

Al-Qaida Deputy Ayman al-Zawahiri Issues Another Warning

Osama bin-Laden's deputy, Ayman al-Zawahiri, CIA codename 'the warm-up man', said al-Qaida would continue fighting the United States until it changes its policies regarding Muslims.

In a video tape recording (believed to have been made prior to the US elections), he said he was offering advice that he expected the American people to ignore. "The United States was playing the game of elections along with Afghanistan and Iraq," he said.

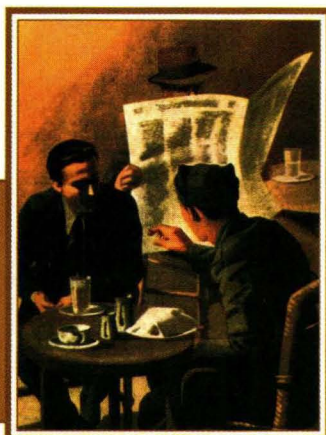
Al-Zawahiri went on to castigate Egypt for its human rights record and

Saudi Arabia for providing staging areas for foreign planes to launch attacks against Muslims.



In addition, al-Zawahiri criticised Pakistani President Pervez Musharraf for his acceptance of Israel as demonstrated in a September speech to the U.N. General Assembly.

Al-Zawahiri is under indictment in the United States on charges of conspiracy in the 1998 embassy bombings in Kenya and Tanzania. He is also one of the FBI's most-wanted suspected terrorists with a \$25m reward for his capture.



TROJAN HORSE?

US Intel Fears over 2005 Iranian Space Launch

US intelligence analysts are concerned about the planned launch from Iran, by early 2005, of an Iranian built satellite on an upgraded version of Tehran's largest ballistic missile, the Shahab-3.

The preparations for and launch of one or more Iranian satellites "is something that needs to be watched closely," a US government missile analyst familiar with Iranian capabilities said.

CIA analysts are concerned that Tehran's satellite launch plans could also be a "Trojan Horse" to further advance ballistic missile or nuclear warhead related technolo-



gies. Some of the materials and micro-electronic technologies necessary for Iranian satellite design could also be important for the development of tiny high quality components needed to produce small nuclear weapons.

Washington was caught cold in 1998 when a North Korean satellite launch attempt unexpectedly demonstrated a long range North Korean missile capability. CIA intelligence officials do not want to be surprised again, this time by Iran.

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Eye Spy Intelligence Magazine

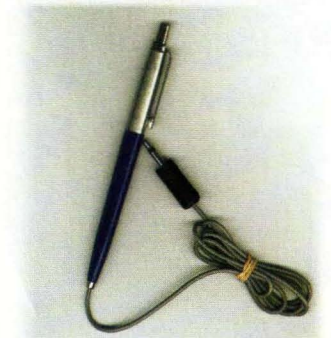
EYE SPY SHOP

PROFESSIONAL

Professional surveillance and espionage equipment available from Eye Spy.
Please note. This use of the equipment may be illegal in some countries

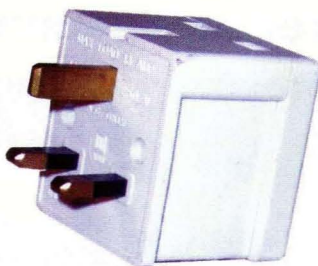


EYE SPY PEN MICROPHONE



Put this pen into your top pocket and it looks 100% normal but it also has a powerful microphone inside. Simply plug the lead into your recorder and record every conversation you may have clearly without any worry of trying to hide the microphone. Can be hidden in a desk etc.

Order code: L-PN1
UK £25.00 US \$48.00
ROW £28.00

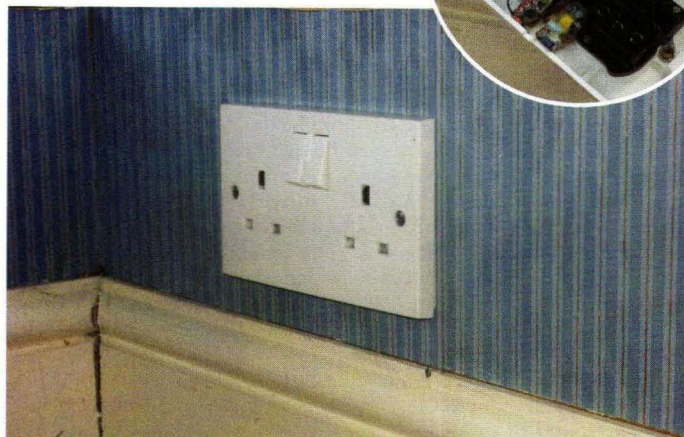


MAINS-DOUBLE PLUG ADAPTOR TRANSMITTER

A conventional fully functional UK mains-working double plug adaptor. Inside is a tiny transmitter which becomes active and powered when plugged in.

Order code: LS-TX-3
UK £80.00

US and European models available on request



MAINS-DOUBLE SOCKET TRANSMITTER

Using the identical transmitter as the LS-TX-3 (left), but inside is a fully working mains socket. This unit is ideal for permanent applications. Range 350ft.

Order code: LS-TX-4 UK £80.00

MULTIBAND RECEIVER



Our popular multi-band radio covering fm, air, marine band, etc. A good hand held radio offering squelch control and has a telescopic aerial and also ear-phone socket for private listening.

Order code: L-RAA-110
UK £40.00 US \$80.00
ROW £48.00

EYE SPY CLOCK CAMERA

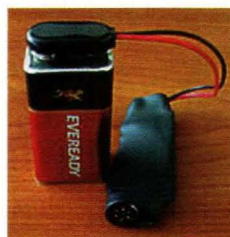


A clock with pinhole camera and sound built inside that has many uses. A simple plug and play connector with cable (approx 16 metres) and psu are all supplied. The cable can be shortened or extended.

Order code: L-CS1 B/w CCD 380 line camera UK £175.00

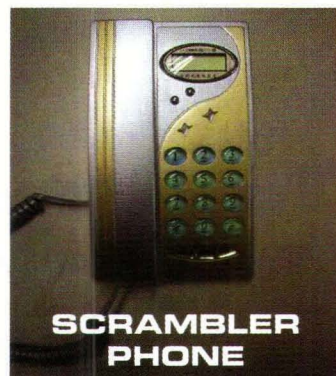
Order code: L-CS2
Colour CCD 380 line camera
£215.00

UHF BODY WORN TRANSMITTER



For body or for a room this uhf miniature transmitter is like a capsule form. The 6mm diameter microphone can even be pushed under door gaps to listen to sounds in another room.

Order code: L-IR1
UK £125.00 US \$250.00
ROW £150.00



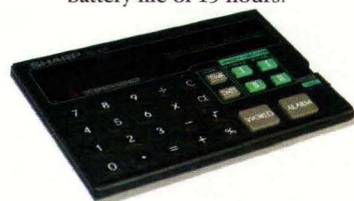
SCRAMBLER PHONE

Keep your telephone conversations secure from being recorded or listened to. A simple switch activates the scrambler, which has 4 settings. Can also be used as a normal phone. Another scrambler phone at other end will descramble everything.

Order code: L-SST
UK £130.00 per phone

PROFESSIONAL CALCULATOR TRANSMITTER

This ordinary-looking desk calculator conceals a very powerful transmitter inside. The unit can be left in an office environment without raising any suspicion - simply listen in from another location. Has a range of 300ft and a battery life of 15 hours.



Order code: LS-TX-6
UK £85.00 US \$150.00
ROW £90.00

VOICE ACTIVATED RECORDER

This pocket size Sanyo recorder has many uses. It can be used to record meetings and can also be used with some of our other products where you need a recorder - the pen microphone for example. The best at its price in the market.



Order code: L-TRIA
UK £50.00 US \$100.00
ROW £60.00

MINIATURE SPY CAMERA WITH VIDEO

Mini-Digital Camera - web-cam and AVI-filming mode. Windows 98/2000/XP operating system only

Order code: MS102
UK £25.00 USA \$50.00



NASA SPACE PEN

NASA Space Pen - \$2m to develop. Ink is fed to ballpoint by gas pressure enabling pen to write in any position. 100-year life - will never dry-out.



Order code: MS119 UK
£19.50 USA
\$42.00

THE ENIGMA

This is a very serious and powerful surveillance device that allows the operator to listen in to a conversation from just about anywhere in the UK and Europe. The phone looks and operates like any ordinary mobilephone, however, by dialling its number you can monitor any conversation or sound that is within range of its highly impressive and advanced internal microphone.

**SPECIAL
PRICE
EYE SPY
READERS**

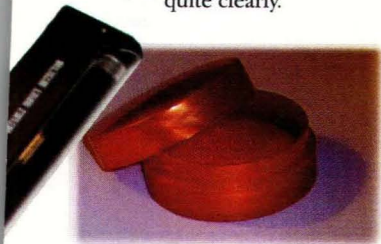
The special microphone can detect the quietest of whispers. The unit can be taken into meetings or any environment, allowing colleagues thousands of miles away to listen in. Similarly, simply leave the phone at a location and dial up whenever you need to listen. A superb bug used by professionals only.

And just for good measure, the device also works as an ordinary mobile phone - just in case it arouses suspicion.

Order Code: LS-ENIGMA
UK £295.00

UV AND STAIN DETECTION KIT

Ever been convinced someone has entered your room or worse? This useful kit contains the necessary pieces to get the evidence you need. Three different powders are included along with a UV light unit. Orange ultra violet powder can be wiped off hands, but under UV light it is visible for hours. The stain powder is not UV - but dreadfully difficult to remove - and spreads the more you wipe. The final powder is UV - simply blow it or brush gently over a target area. Once down it is invisible - but under UV light anyone who has touched or walked through the powder will leave a trail. Footprints, smudges on drawers and even fingerprints can be seen quite clearly.



Order Code: UV SDK UK £75.00
USA \$145.00 ROW £80.00

EYE SPY SEED MICROPHONE



This seed microphone is so small it can be used in a variety of ways - hide in a car, bag, sleeve anywhere. The length of lead is 24 inches - but we can customise this for you. The microphone head is just 5mm in width.

Order Code: LS-SM1 UK £17.50
USA \$38.00 ROW £18.00

MOBILE PHONE SENSORPEN



Mobile Phone Sensorpen - flashes when your mobile-phone rings. Pen senses incoming signal. Range between one and two metres

Order Code: MS197 UK £15.50
USA \$35.00 ROW £18.00

THROUGH WALL LISTENING UNIT CERAMIC CONTACT MIC

This professional kit is ideal for listening through walls, doors, floors or windows. A unique device uses a special 'contact microphone' which detects the slightest vibration. The device is so small it fits comfortably into a shirt or jacket. Comes complete with a high-quality earphone. A socket is included for recording onto a tape. Powered by a 9 volt battery (included), this useful unit comes with battery and smart carry case.

A high quality piece of kit.



Order Code: LS-TWL UK £235.00
USA \$460.00 ROW £250.00

PINHOLE BOARD CAMERAS



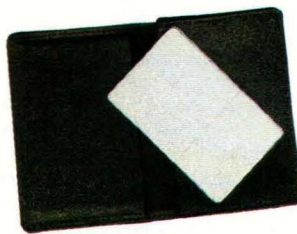
A 12v PCB board camera with pinhole lens and audio. Easy to fit into most objects, air vents, speaker grills etc. These cameras are low lux and CCD - not the cheaper CMOS variant. Measures just 15 x 32 x 32mm

B & W 380-line board camera
Order Code:
L-CAMI UK £95.00 USA \$180.00
ROW £100.00

Colour 380-line board camera
Order Code:
L-CAM3 UK £125.00 USA \$240.00
ROW £135.00

CREDIT CARD TRANSMITTER

This remarkable transmitter is only 3mm thick and can be slipped in the side of a wallet, file, folder or pocket. It also has the advantage of voice activated transmission. Range 650ft.



Order Code: LS-CCT UK £199.00
USA \$350.00 ROW £199.00

WATCH MICROPHONE

A fully working wristwatch that houses an integrated seed microphone. The connecting lead is concealed up the arm, beneath the shirt of jacket and is connected to a cassette recorder (cassette recorder sold separately)



Order Code: LS-WW UK £50.00
USA \$90.00 ROW £55.00

COMPLETE WITH RECORDER
Order Code: LS-WWR UK £90.00
USA \$180.00 ROW £100.00

PHONE MANAGER PLUS



Records what numbers are dialled from your phone line. All numbers have a date stamp so duration of call is also logged. Simple scroll/up or down system. Stores 2,000 calls

Order Code: ER4000 UK £40.00
USA \$70.00 ROW £50.00

TELEPHONE/FAX TAP DEFEAT

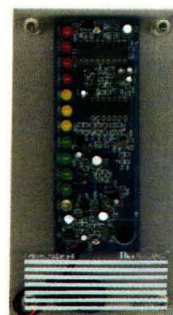


This telephone/fax tap defeat is very clever and will defeat any wiretap or bug that could be wired to your phone line. The machine will also defeat any voice activated phone recorders

by sending constant pulses of noise. The TD1 has a LCD line condition display and LED's to indicate the mode setting. Offers the following features: turn on or off any wiretap or bug, any phone recorder controlled by line voltage, any phone recorder controlled by voice activation.

Order code: TD1
UK £195.00

EXECUTIVE TRUTH MACHINE

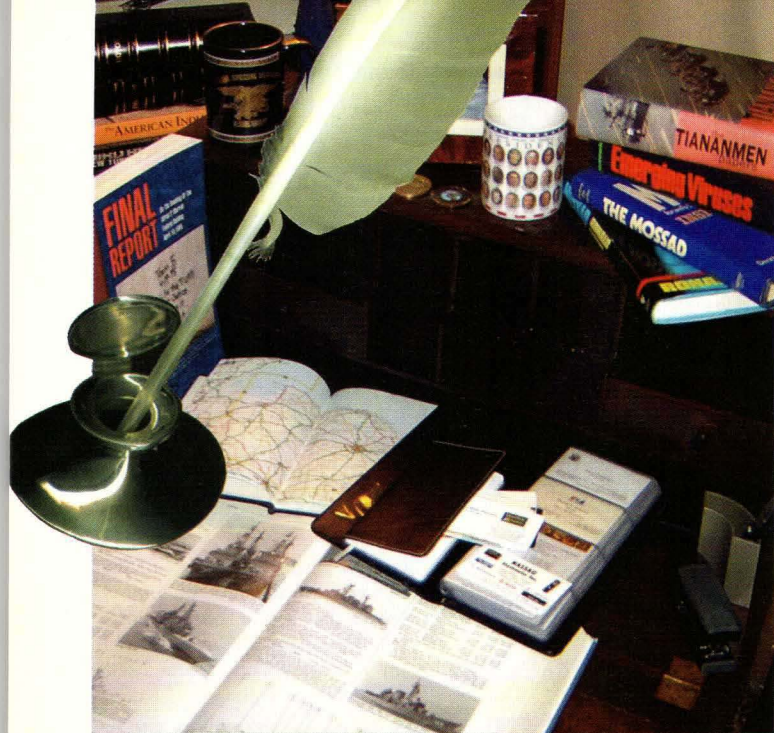


Executive Truth Machine - combines psychological stress evaluator (PSE) and voice stress analyser (VSA). Results shown on a column of LED lights*

Order code: MS108
UK £32.00 USA \$65.00 ROW
£35.00

* Eye Spy is not responsible for any results achieved by this machine

undercover



IDENTITY THEFT:

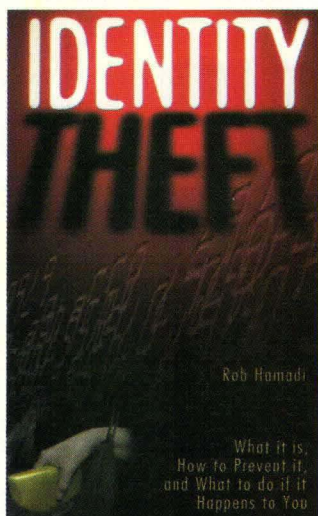
What it is, How to Prevent it and What to do if it Happens to You
Rob Hamadi

Vision

ISBN: 1-904132-49-9

This type of book is becoming increasingly valuable in an ever-changing world fraught with corruption, crime, legal and financial problems, travel and overall security. Hamadi sets out in plain English what can happen (and does) and the steps necessary to overcome identity theft.

In years gone by, criminals changed the number plates of vehicles and sawed off old engine reference numbers, replacing them with bogus replicas; expert forgers worked hard to create 'authentic looking' passports and supportive paperwork, including bill heads and receipts. Forgeries were relatively easy to identify, but today's criminal mind has a vast amount of technology to overcome most problems. Indeed, acquiring your identity is no longer an issue consigned to the great imaginations of Hollywood scriptwriters... it is happening every day.



Identity theft ranges from the simple 'skimming' of your credit card number right through to your entire personal details being stolen. With huge volumes of information about you on the Internet, the effects of identity theft can be devastating: with this information your money can be taken and your credit rating affected - you could even be arrested for crimes someone else has committed. A relatively new area of fraud, most people don't yet know where to go for help.

In this invaluable guide, Hamadi explores what identity theft is, showing the many ways your ID can be compromised and what to do to minimise the chances of it happening to you. He also provides advice and help on what to do if you fall victim to identity fraudsters.

Learn to protect yourself before it is too late.

Available from Eye Spy
REF: ES/950 £12.99 \$23.00

JFK: THE SECOND PLOT

Mathew Smith

Mainstream Publishing

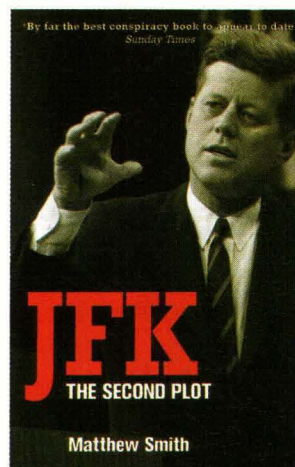
ISBN: 1 84018 501 5

The assassination of President John F. Kennedy in 1963 remains one of the greatest mysteries of the twentieth century. At the centre of the puzzle stands the enigmatic figure of Lee Harvey Oswald.

Much controversy still exists about who actually shot the President. And despite many, many theories - involving the Mafia, the Russians and the CIA - no one has yet come up with a convincing explanation of Oswald's precise role in the case.

After 30 years of research, Mathew Smith has uncovered the second plot - the plot in which Oswald's true role in the assassination is exposed - and

the unmasking of a second plot leads naturally to the first.



The authors endeavours (and succeeds) in discovering much new information about Oswald, who he really was, who he was working for and what his true role was in the macabre enterprise. Some excellent crime writers believe Smith has exposed the machinations behind Kennedy's assassination.

The Sunday Times described 'JFK: The Second Plot' as "by far the best conspiracy book to appear to date". Few here would disagree with that statement. But what also makes this book unique, is the stunning array of photographs, diagrams and documents - worth the money on their own.

Available from Eye Spy
REF: ES/951 £12.99 \$30.00

HITLER'S ESPIONAGE MACHINE:

Christer Jorgensen

Spellmount Ltd

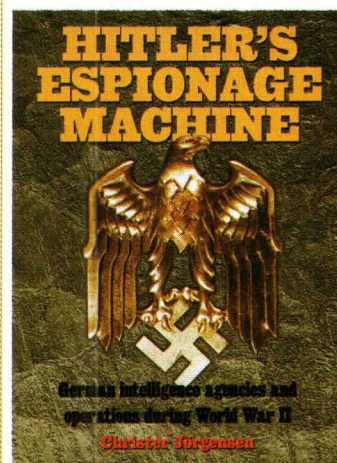
ISBN: 1-86227-244-1

This first class book portrays the story of Germany's intelligence agencies leading up to and during WWII. It covers in great detail the agents and operations of Germany's military intelligence service, the Abwehr. The operations include missions in Scandinavia to facilitate the Nazi invasion of Denmark and Norway in April 1940, Bradenburger actions against Holland and the Blitzkrieg against the West. Of much interest is the Abwehr's disastrous attempt to infiltrate Britain with spies and agents during the war. Numerous other operations in Switzerland,

Turkey, Latin America, the Middle and Far East are also covered.

Of much interest is the Abwehr's sometimes fractious relationship with the SS and its own secret service - the Sicherheitsdienst (SD). Headed by Reinhard Heydrich, the SD sometimes carried out operations the Abwehr, headed by Admiral Canaris, refused to do. One of those secret tasks was the mock attack on the German radio station at Gleiwitz prior to the 1939 invasion of Poland.

The author reveals how this unstable relationship certainly damaged Germany's intelligence collection and analysis. Yet there were successes, many of which are discussed in this enthralling book that also contains well over 100 photographs.



Available from Eye Spy
REF: ES/952 £23.50 \$45.00

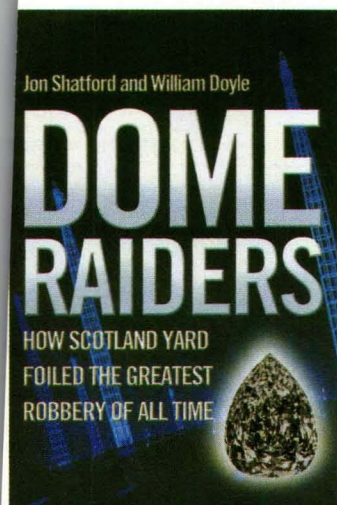
DOMES RAIDERS:

How Scotland Yard Foiled the Greatest Robbery of all Time
Jon Shatford & William Doyle

Virgin

ISBN: 1 85227 194 9

The British media called it the "heist of the Millennium" and a "plot worthy of James Bond". In 2000, a gang of villains from the South East of England hatched an audacious plan to steal the world's largest perfect diamond from London's Millennium Dome and make their getaway by speedboat up the River Thames. Had they succeeded, it would have made the spoils of the 1960s Great Train Robbery and Brinks Mat look like loose change. The gem had a value of £250,000,000 (\$500,000,000).



The gang set out by using sophisticated surveillance equipment, scanning technology and counter surveillance. The operation was planned to military perfection. Using a powerful JCB digger, the gang had but five minutes to crash through the building, retrieve the jewellery and make their escape. However, unbeknown to the men, hidden in the walls of the Dome some 280 police officers and a unit from Scotland Yard's Flying Squad, SO19 snipers and other officers, were waiting to pounce.

The gang nearly had it all. They came within a whisker of unimaginable wealth, but it was snatched from under them by one of the most daring police operations code-named Magician.

Shatford and Doyle retell the true story of the Dome Raiders.

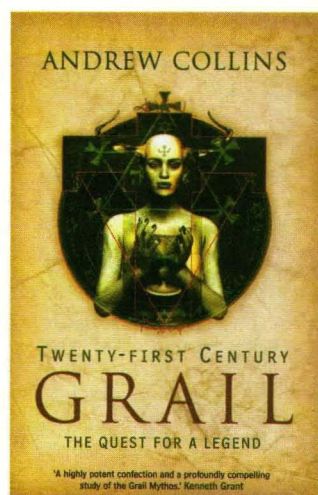
Available from Eye Spy
REF: ES/953 £21.00 \$40.00

**TWENTY FIRST CENTURY
GRAIL:**
The Quest for a Legend
Andrew Collins
Virgin
ISBN: 1 85227 1396

The Holy Grail - the cup of the Last Supper used to collect the Holy Blood of Jesus - is one of the most profound and enduring mysteries of the past 2,000 years, and the quest to find it has captured the imagination of millions through the many books and films that have concentrated on the myth of King Arthur. Collins argues that the Grail has a darker side than the one we know from medieval romance. Across the centuries it has passed through many hands, including those of John the Evangelist - the gospel writer of the *Book of Revelation* - and the Knights Templar, who saw it as the 'emerald cup of Lucifer'.

Collins has uncovered new evidence about the vessel and its provenance, much of which he argues has been covered up by the Church of Rome. However, its secrets have been kept alive by an underground stream of information and knowledge, protected by the Knights Templar, Renaissance painters and modern occultists.

The reader is taken on a journey through time and history, secret societies and sects that eventually led to England's stately homes and churchyards.

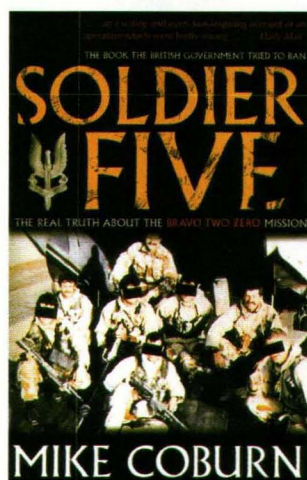


Available from Eye Spy
REF: ES/954 £23.00 \$40.00

SOLDIER FIVE:
Real Truth About The Bravo Two Mission
Mike Coburn
Mainstream Publishing
ISBN: 1 840 18 907 X

Hailed as the book the British Government tried to ban.

Coburn spent ten years in the Special Forces of both the New Zealand and British Special Air Service, and found



himself together with seven other members of an SAS patrol inserted hundreds of miles behind enemy lines in Iraq. What followed was to turn the ill-fated Bravo Two Zero mission into one of the most notorious episodes in military history.

The patrol was ordered to reconnoitre targets, undertake surveillance of Scud missile sites and sabotage Iraqi communications lines along the way. What really happened was described as a shambles as four soldiers were captured, and three others killed. One man escaped.

Several accounts of the story have appeared in books, films and articles, but Coburn insists his book sets the story straight and honours his comrades who never returned.

The book explains in meticulous detail the series of happenings that transpired to the detriment of Bravo Two Zero. A powerful addition to other fine works written on the subject.

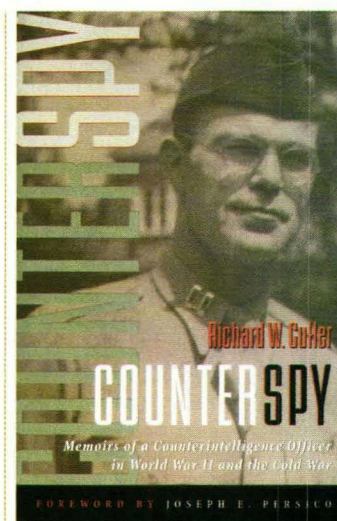
Available from Eye Spy
REF: ES/955 £9.99 \$22.00

COUNTERSPY: Memoirs of a Counterintelligence Officer in WWII and the Cold War
Richard W. Cutler
Brassey's Inc.
ISBN: 1 57488-839-0

Another cracking book from an American counterintelligence officer that is a worthy edition to any library dedicated to espionage, intelligence or the Cold War.

Richard W. Cutler served with a shadowy unit designated X-2 - the counterintelligence branch of the famous Office of Strategic Services (OSS) and with its successor, the Strategic Services Unit (SSU). His story is as unlikely as the unstable and often unreliable world of espionage. Shortly after the collapse of Berlin, Cutler found himself amidst the confusion and turmoil of war-torn Germany. A spider's web of intrigue as both the victorious Allies and Soviets set about acquiring the secrets of their former enemy, and for trying to redraw the political map of Europe. They were interesting times.

Cutler was tasked with trying to recruit native Germans who could prove useful in infiltrating Soviet intelligence and prising out secrets. He had already entered the murky world of espionage - one of his first jobs was to investigate the back-grounds of Allen Dulles's secret sources and agents, who were described as the 'Crown Jewels'.



The book describes vividly the atmosphere of postwar Germany, its shattered people and infrastructure. There are tiny cameos of his life and situations which reflected the immense challenge ahead. The Soviets had gone from allies to mistrusted and reluctant colleagues in a matter of months.

Each chapter contains tiny incidents that blend in with his surroundings, but the reader is often reminded that his work was unwittingly sowing the seeds of the Cold War. In June 1945, he flew from London to Germany, overflying a battle-scarred landscape. "Across the English Channel the landscape revealed painful scars from six terrible years of war... We saw giant V-1 sites carved out of wooded plots and badly marked up by bombs. France looked dead from the air - nothing on the roads." Cutler paints a picture of a Europe that only those who fought and ventured on its soil will ever understand. Yet his work took him into far more dangerous and shadowy areas. Agents were turned and traitors exposed. Few civilians and military personnel who walked down the shattered main streets of German cities would have guessed that an underground war had already started.

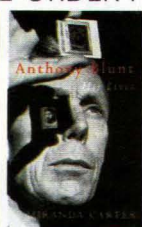
The author includes several spy cases that few so-called academic experts have no knowledge of. This is what makes *Counterspy* unique.

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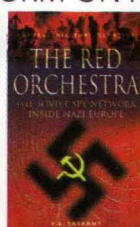
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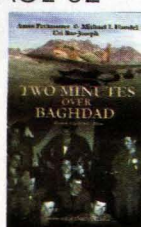
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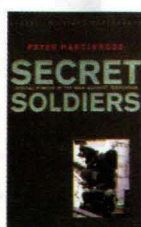
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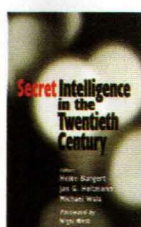
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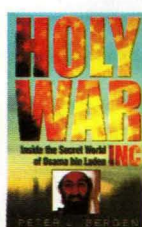
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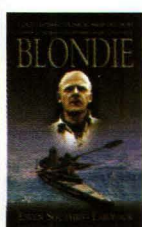
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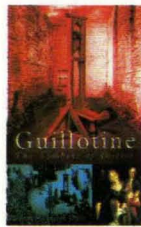
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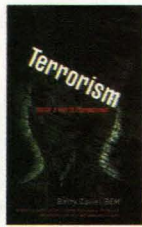
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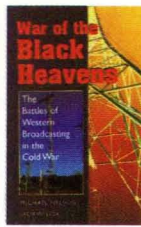
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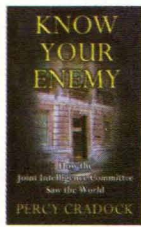
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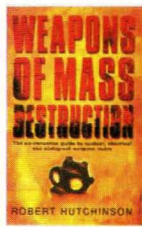
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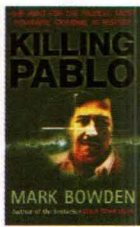
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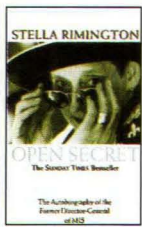
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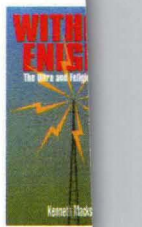
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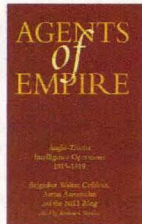
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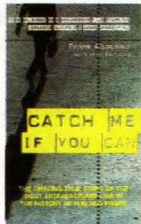
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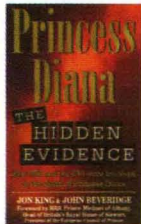
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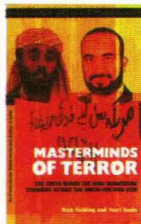
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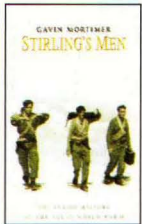
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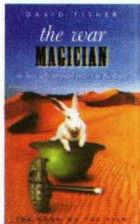
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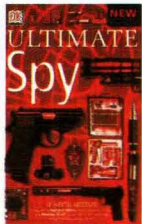
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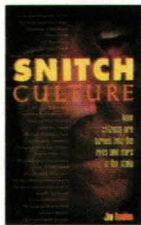
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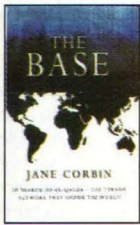
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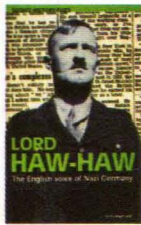
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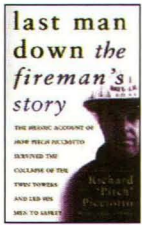
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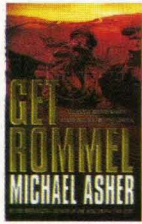
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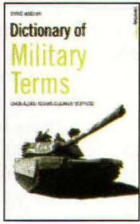
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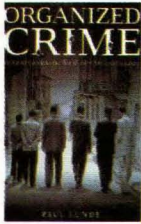
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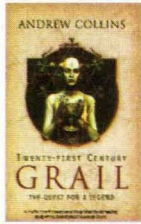
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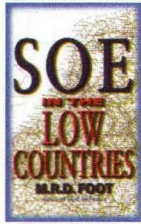
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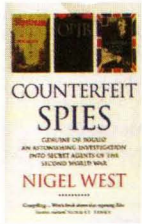
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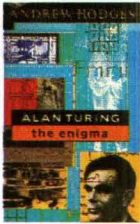
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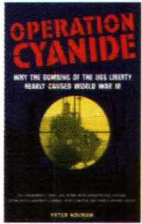
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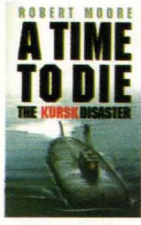
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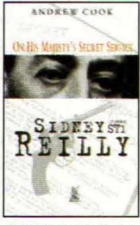
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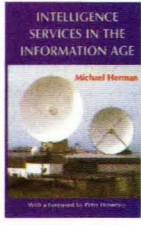
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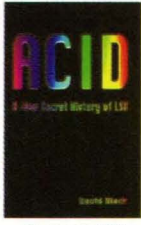
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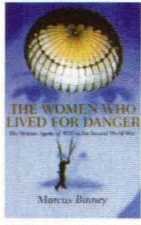
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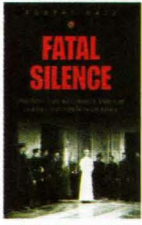
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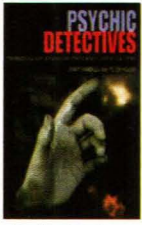
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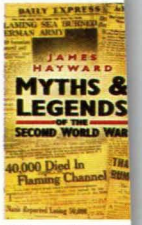
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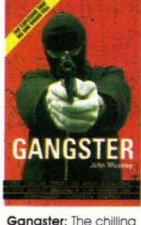
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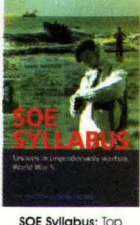
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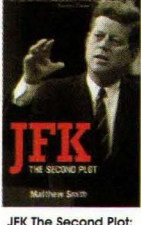
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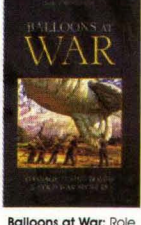
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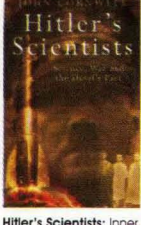
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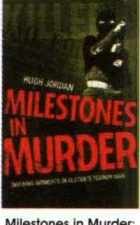
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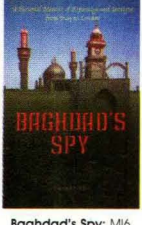
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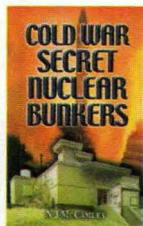
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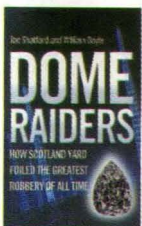
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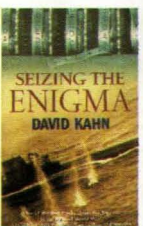
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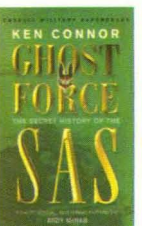
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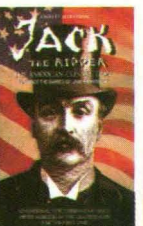
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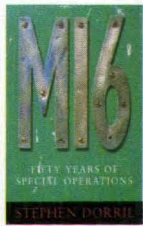
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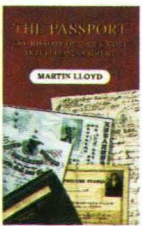
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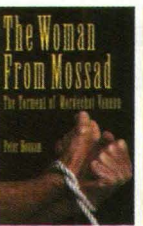
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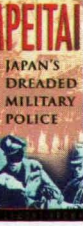
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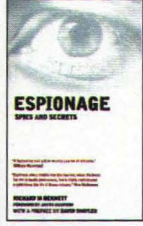
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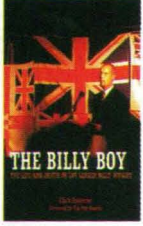
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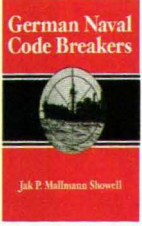
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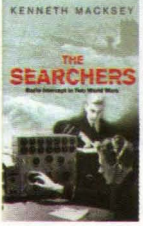
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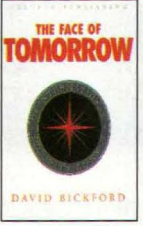
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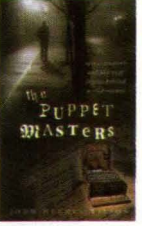
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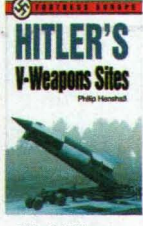
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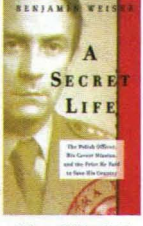
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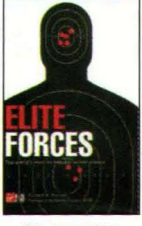
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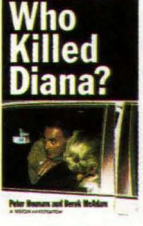
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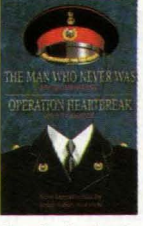
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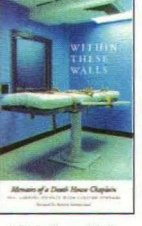
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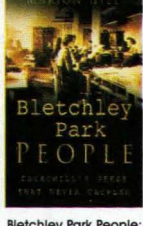
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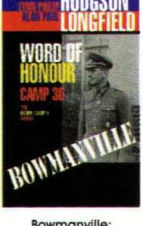
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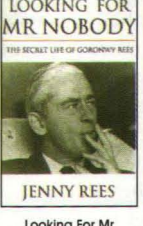
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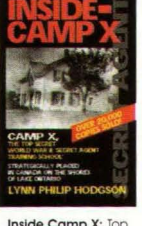
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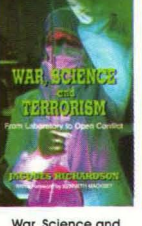
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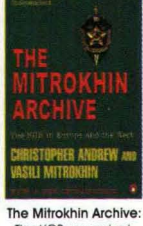
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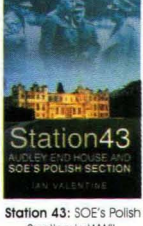
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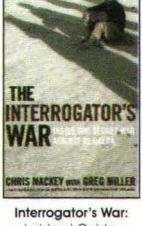
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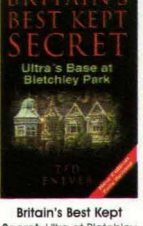
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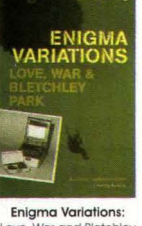
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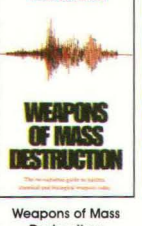
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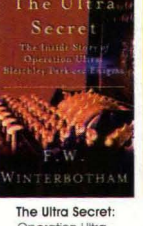
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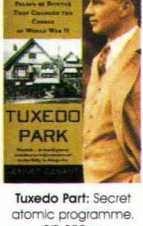
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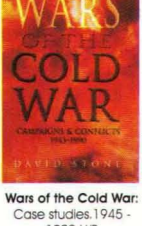
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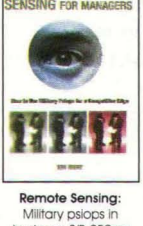
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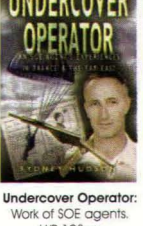
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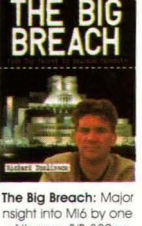
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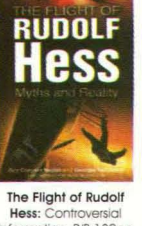
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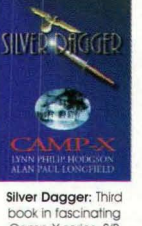
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Enduring Mystery of Missing USAF Pilot

Special Intelligence Task Force and CIA officials continue to search for Gulf War I Airman

Michael Speicher was lost over Iraq in 1991, as his FA/18 Hornet failed to return from a mission near Baghdad. Since then, his wife Joanne and the entire Speicher family have endured so many 'ups and downs' over his fate. He was presumed dead in 1991, but this was changed to missing after US officials learned that he might have been captured. The rumour mill has, unfortunately, been busy and there are too few real clues as to what really happened to the likable commander.



Michael Speicher

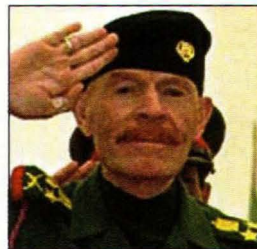
The determination of Joanne not to give up hope has led to a variety of intelligence-led operations in Iraq. Indeed, hope was high after Saddam's removal and the introduction of a special unit charged with uncovering information. US Marines also found the initials MMS scratched on the wall of a prison cell, giving rise to the belief that he did survive the crash of his aircraft. Several Iraqi defectors told their CIA interrogators that they were aware of his existence. While this data gave a boost to the search teams and his family, there was of course the odd story that emerged saying Michael had been shot and buried in the desert.

One set of people ideally positioned to look for the missing airman was the CIA's Iraqi Survey Group - an organisation formed to search for Saddam's elusive weapons of mass destruction. Seven intelligence officers formed Task Force Speicher and began their hunt for authen-



tic clues. At the same time, the CIA's hugely important National Imagery and Mapping Agency in the US, began examining sites in Iraq that could afford clues. Indeed, even President Bush told Joanne that the search will not be disbanded until the truth or her husband has been found.

Locals at the crash site still remember the incident. Speicher was alive and apparently taken to a small town near Ramadi. Here he was handed over to local police. Treated by a doctor it is thought he was then taken to Baghdad. Unconfirmed reports say he was executed by Izzat Ibrahim al-Douri, a senior Saddam bodyguard. A corpse, supposedly that of the airman was buried in the desert outside the city. Eyewitnesses say it had 30 bullet wounds. Despite efforts by the Speicher Task Force, the location has never been found. The group has, however, been given a list of persons from a defector of persons who have information about Speicher.



Izzat Ibrahim al-Douri

Joanne has since remarried to Buddy Harris, a fellow Navy flier. He remains optimistic about the outcome, and the complications that may arise if Speicher is indeed alive. "We will throw a huge welcome home party. Then we will deal with whatever comes in an adult and private manner... I can't imagine him being displeased," he said.

As time passes and no word of Michael Speicher is forthcoming, the chances of him being alive grow faint.

A Few Facts Behind the Fables

MOS

MYTHMAKERS

Mossad is a word that commands instant interest everywhere. In much of the West, it is synonymous with daring-do and unswerving

dedication in the service of a State of Israel as it struggles to survive. In less hospitable parts, the word invokes images of a sinister and omnipotent Zionist spy apparatus with global reach and ruthlessness.

Over the years, Mossad chiefs have done little to dispel such stereotypes. Their concern has been, primarily, the preservation of an operational secrecy that can be compromised as much by denying false claims as by confirming true ones. The canner among them, however, have realised the value of allowing the Mossad's inflated reputation to go puncture-free. Deterrence is all in the adversary's imagination, after all.

There is a price to pay. A few Mossad agents have made the mistake of believing the fables themselves, and fallen into deadly complacency. Others have made fortunes by cashing in on the agency's good name for their own ends. On a government-level, the Mossad operates virtually free of scrutiny, interpreting policy as it deems fit on an ad-hoc basis. Can Israel really afford to be represented by a secret service that rides so high on a reputation that is not borne out by real history?

THE DENIABILITY GAME

There was a time when Israelis would not dare to speak the word Mossad, at least not without lowering their voice conspiratorially and checking to see who was listening. Now the name is bandied about like a brand-label. Still, the agency has yet to emerge fully into



By Mossad veteran Gad Shimron and intelligence expert Dan Baron

the limelight. Everyone knows who the Mossad's current chief is, while the location of its training base is a well-kept secret. The agency has lost any sense of coherence when it comes to publicising missions. Once upon a time, Israel would stay silent for years on whether it carried out this-or-that operation abroad. Today, leaked confirmation of even high-profile assassinations is par for the course, creating an image of the Mossad as a swashbuckling and reckless spy service.

Israel was deeply embarrassed in 2003 to be left "out of the loop" as to Muammar Gaddafi's decision to abandon the Libyan pursuit of weapons of mass-destruction. Is it possible that the British and American intelligence agencies that brokered the disarmament simply did not trust the Mossad to keep the secret safe?

MOSSAD'S SILENT PARTNERS

Thousands of Israelis are on the government payroll: from women conscripts in military intelligence to foreign ministry clerks abroad, all contribute to the Mossad's everyday operations. A look at the division of labour, 'compartmentalization's for the sake of operational secrecy, and the

AD UNMASKED



Mossad's vested interest in taking all the credit.

GREATEST HITS... AND THE NOT SO GREAT

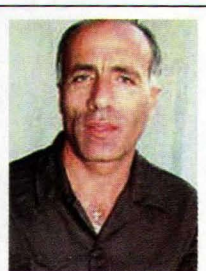
Films like *'Sword of Gideon'* and *'Little Drummer Girl'* would have us believe that Mossad assassins are drawn from elite pools of foreign volunteers. In fact, they are the quiet loners of the intelligence trade. Often called in by Israel for their 'black ops' skills, these operatives then disappear back into their tame civilian lives. Mossad does indeed have so-called hit teams - among their past code names were 'Masada' and 'Caesarea' and both have mandates from current Mossad chief Meir Dagan to assassinate targets abroad.

NO KILLING KIN

Victor Ostrovsky has been described by the most hotheaded of Israeli officials as the most "treacherous Jew of all time." The former Mossad agent alleged the agency manipulated America to bomb Libya and wage war on Iraq; trained both sides in the Sri Lankan civil war.

Ostrovsky says the Mossad provoked America's air strike on Libya in 1986 by making it appear that terrorist orders were being transmitted from the Libyan Government to its embassies around the world. But he claimed the messages originated in Israel and were re-transmitted by a special communication device - a 'Trojan horse' - Mossad had placed inside Libya. Allegations that have been dismissed.

Ostrovsky said his life was in danger, and so too does nuclear whistleblower Mordechai Vanunu. But the Mossad does not kill fellow Jews. This policy is anchored in Jewish history dating back to the



Mordechai Vanunu

Roman occupation of ancient Israel, when the Second Temple fell - according to the sages - due to infighting among the Jewish factions of Jerusalem. More recently, the modern State of Israel was born under the spectre of a civil war between moderate and radical Zionist groups. The Mossad has kept to its policy, going to great expense and effort to jail Vanunu rather than kill him.

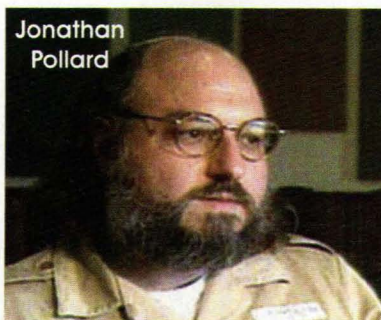
Has this proven its efficacy? And can an agency so guided by concern for one ethnic group behave responsibly in the wider world?

KOSHER HONEYPOTS

Ever since Rahab the harlot harboured Jacob's two spies in biblical Jericho, sex and intelligence have been intertwined. Seduction has sometimes been the Mossad's most effective way of securing cooperation. But do not believe Mordechai Vanunu's famous claims about him being 'lured' by the blonde 'Cindy' before a bunch of Israeli toughs bundled him back to Israel for trial. There is a longstanding policy in Israeli intelligence of not ordering female agents to turn tricks for a mission. Foreign prostitutes may be brought in for some coital coercion, but never the Mossad's women. Some of them are married, and thus fall under the strict rabbinical expectations of monogamy. But even the bachelorettes among them are beneficiaries of an almost puritanical code that is far more recent to Jewish history, tracing back to the chaste days of Palmach fighters. This is complemented by an emphasis on corporate egalitarianism; the Mossad has already had a woman as its deputy director, and other members of the fairer sex hold top positions now.

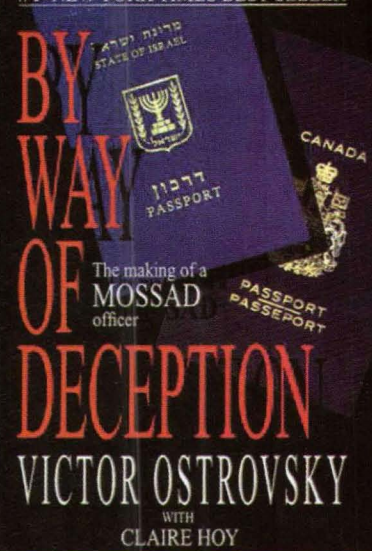
FACILITATORS OR FIFTH COLUMN?

In 1954, a dozen young Egyptian Jews were jailed for carrying out a series of firebombings in Cairo and Alexandria on behalf of Israeli intelligence. Ever since that debacle, the Mossad has had a policy of not recruiting foreign Jews to work against their governments, for fear of stoking anti-Semitism. But how consistent is this? The Mossad denied any role in the 1986 recruitment of US Navy analyst Jonathan Pollard, yet recently a Jew from Auckland was accused of helping Israeli spies fraudulently obtain a New Zealand passport. Ostrovsky claimed the Mossad had set



Jonathan Pollard

#1 NEW YORK TIMES BEST SELLER



By Way of Deception by Victor Ostrovsky was a number one New York Times best seller that Mossad tried to have banned.

Raised in Israel, but born in Canada, Ostrovsky at eighteen became the youngest officer in the Israeli military, eventually rising to the rank of lieutenant commander in charge of naval weapons testing

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up networks of "sayanim" (facilitators) and secret security services among Jewish communities worldwide. But the truth is that, for such functions, the local police are relied upon exclusively.

ADOLF EICHMANN

Perhaps no one mission made the Mossad famous like the capture of Adolf Eichmann in 1960. His abduction from South America brought a sense of frontier justice to thousands of Holocaust survivors and sent former Nazis even deeper in hiding. But Eichmann was found after a lucky tip-off rather than any serious intelligence work, and nabbed despite a series of embarrassing operational gaffes.

THINK POSITIVE

There is one mission the Mossad definitely wants you to know about: its airlift of hundreds of Ethiopian Jews to Israel in the 1980s. The image of an agency serving Jewish interests worldwide is one Israel wants to cultivate for the Mossad, but behind the scenes there were inevitable and regrettable betrayals and lapses.

Mossad risks slip-ups in race against al-Qaida, Iran

With al-Qaida and Iran now topping an already hefty 'hit list' of Israel's enemies, Mossad may have too many missions and too few spies to carry them out.

Two Israelis jailed for passport fraud in New Zealand on Thursday displayed the rashness of intelligence agents

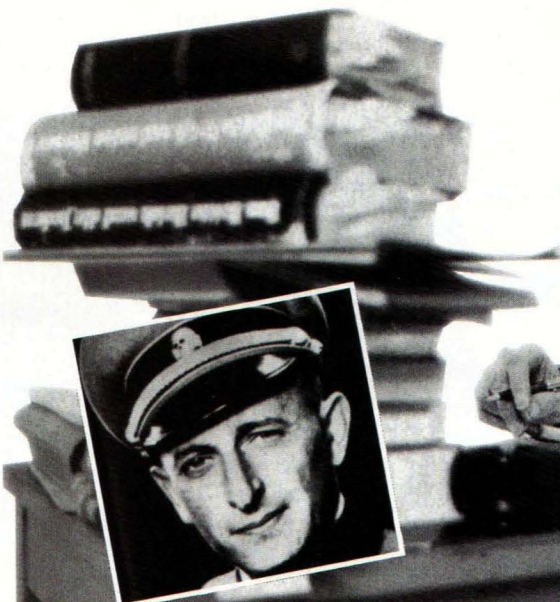


under pressure to assume new identities for an operation, experts say.

"When you step up the war on terrorism abroad, the stakes are higher. Professionalism can suffer" said a Mossad veteran who was involved in the 1973 killing in Norway of a Moroccan waiter mistaken for a Palestinian guerrilla.

At the time, Israel was hunting the masterminds of a raid on the 1972 Munich Olympics in which 11 of its athletes were slain.

These days, Mossad is racing to stop attacks by al-Qaida - a diffuse global network that is notoriously hard to penetrate and anticipate - and keep track of arch-foe Iran's atomic programme, making for even heavier risks and likelier mistakes.



Adolf Eichmann writing his memoirs following his abduction by the Mossad



Dagan Meir

"New Zealand is famed for being politically moderate and its citizens are welcomed everywhere. They (New Zealand passports) could be very useful for Mossad," said intelligence analyst Yossi Melman of the Haaretz newspaper. "A government-issue passport is much more foolproof than a forged one, of course."

New Zealand suspended high-level contacts with Israel on Thursday, saying there were "very strong reasons" to

believe Uriel Zoshe Kelman and Eli Cara were government spies.

Israel kept mum. "The only rule in these cases is: Don't get caught," ex-Mossad agent Gad Shimron told Israeli television.

According to former Mossad chief Danny Yatom, such scandals are no gauge of the agency's real feats.

"Mossad is one of the best intelligence agencies in the world," Yatom said. "Yet even the best agencies are bound to suffer mishaps. Because of the secret nature of intelligence gathering, most achievements are never made public." Yet many intelligence experts say Mossad has lost its edge since the 1960s and 1970s, when it assassinated Arab guerrilla leaders



Danny Yatom



Mossad agent?

and abducted Nazi fugitive Adolf Eichmann for trial, earning a reputation for ruthlessness and ingenuity.

In recent decades, the Jewish state has been more worried about arms programmes in the Arab world and Iran - traditionally the purview of Israeli Military Intelligence. Mossad has often been relegated to dealing with Palestinian threats abroad and back-door diplomacy.

But Mossad got a new mandate in 2002, after al-Qaida bombed an Israeli-owned hotel and tried to shoot down an Israeli airliner in Kenya. Prime Minister Ariel Sharon ordered Mossad chief Meir Dagan to hunt down the perpetrators worldwide.

At least two Lebanese accused by Israeli security sources of al-Qaida ties have since died in booby-trapped blasts that locals blamed on Mossad. The agency has also tried to boost recruitment with a new Web site advertising 'special tasks'. Spycraft skills are apparently still lacking.

According to New Zealand media, Kelman and Cara were caught in a police

The Mossad Linked with Murder of Iraqi Supergun Creator - Gerald Bull

Gerald Victor Bull, a maverick engineer from Canada, was shot dead in the hallway of his sixth-floor apartment in Brussels, Belgium, on 22 March 1990. No-one has ever been arrested for the murder. Bull had been overseeing the design and construction in Iraq of a huge 'supergun', and shells that could be fired a great distance.

His research had been initially supported by firms in North America, but his dream of launching supersonic missiles from artillery guns was to lead him into danger. He also believed he could actually launch satellites from ground-based 'launchers'.

After a number of projects came and went, Bull was offered a

platform for his research by Saddam Hussein. Bull probably sought to use the opportunity to further his research but Saddam had ulterior motives. Under the guise of Project Babylon, Bull constructed a 150-metre long barrel for an exhibition in 1989. The real device, if built, would have weighed over 2,000 tonnes. Clearly a project that was not moveable.

Bull's research was being monitored by Mossad, for Baghdad would have Tel Aviv in its sights. Ignoring subtle warnings, Bull agreed to help Iraq design and build a multi-stage missile. Israel



publicly said it would blow up any facilities associated with the project that could have military applications.

The evidence against Mossad for the assassination of Bull has always been tenuous. However, a known Mossad 'hit-man' was known to have been in possession of jewel that Bull always wore and one that vanished when he was shot.

Belgium police are still investigating the murder and are confident they will conclude the case.

As for the Mossad, it has never publicly commented on the killing.

(See Eye Spy 15 - 'The Super Gun Affair')



ting after an accomplice - still at large - tried to order the passport by phone, in the name of a cerebral palsy victim, but aroused clerks' suspicions with his foreign accent. "We don't think this was an isolated act," New Zealand Foreign Minister Phil Goff told Israel Radio.

Thirty years on, the veteran of the botched Norway "hit" and five fellow agents are still barred from entering the country.

"Our zest to get the enemy at all costs sometimes costs us dearly in terms of international standing," said Yigal Eyal, a counter-terrorism lecturer at the Hebrew University of Jerusalem.

© Dan Baron and Gad Shimron 2004

• EDITOR'S NOTE: Mossad veteran Gad Shimron and intelligence expert Dan Baron are currently writing a powerful overview of the Mossad. Interested publishers are welcome to contact the writers via Eye Spy Intelligence Magazine.

MOSSAD: OFFICIAL HISTORY



When the State of Israel was declared, David Ben Gurion, Israel's first Prime Minister, voiced his views on the establishment of intelligence agencies to operate on behalf of the nascent state. On 7 June 1948, he held his first meeting on this matter with intelligence officials.

On 13 December 1949, following detailed staff work, David Ben Gurion appointed foreign ministry special operations' adviser and former Jewish Agency state department official Reuben Shiloah, to establish and head the 'Institute for Collating and Co-ordinating Intelligence Operations'. This date is considered the date the Institute for Intelligence and Special Operations was established.

On 2 March 1951, as a result of the experience gained in running State intelligence agencies, particularly in overseas' operations, Ben Gurion

ordered Reuben Shiloah to set up the 'Directorate', within the Institute for Coordination, to take all overseas intelligence operations under its wing. The foreign ministry and, to a lesser extent, other agencies had hitherto operated abroad.

The 'Directorate' was the initial incarnation of the main collection unit in the Institute for Intelligence and Special Operations. In 1952, Reuben Shiloah retired and General Security Agency chief Isser Harel was appointed in his stead.

He served as Mossad Director until 1963. The two founders shaped the Mossad to address the reality and the needs of the State of Israel in its early years.

Over the years the Mossad expanded into many fields (the most prominent of which were):

- Covert intelligence gathering beyond Israel's borders.
- Developing and maintaining special diplomatic and other covert relations.
- Preventing the development and procurement of non-conventional weapons by hostile countries.
- Preventing terrorist acts against Israeli targets abroad.
- Bringing Jews home from countries where official Aliya agencies are not allowed to operate.
- Producing strategic, political and operational intelligence.
- Planning and carrying out special operations beyond Israel's borders.



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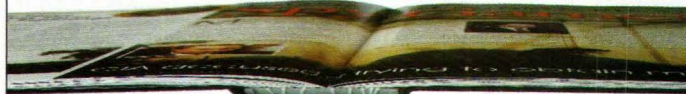
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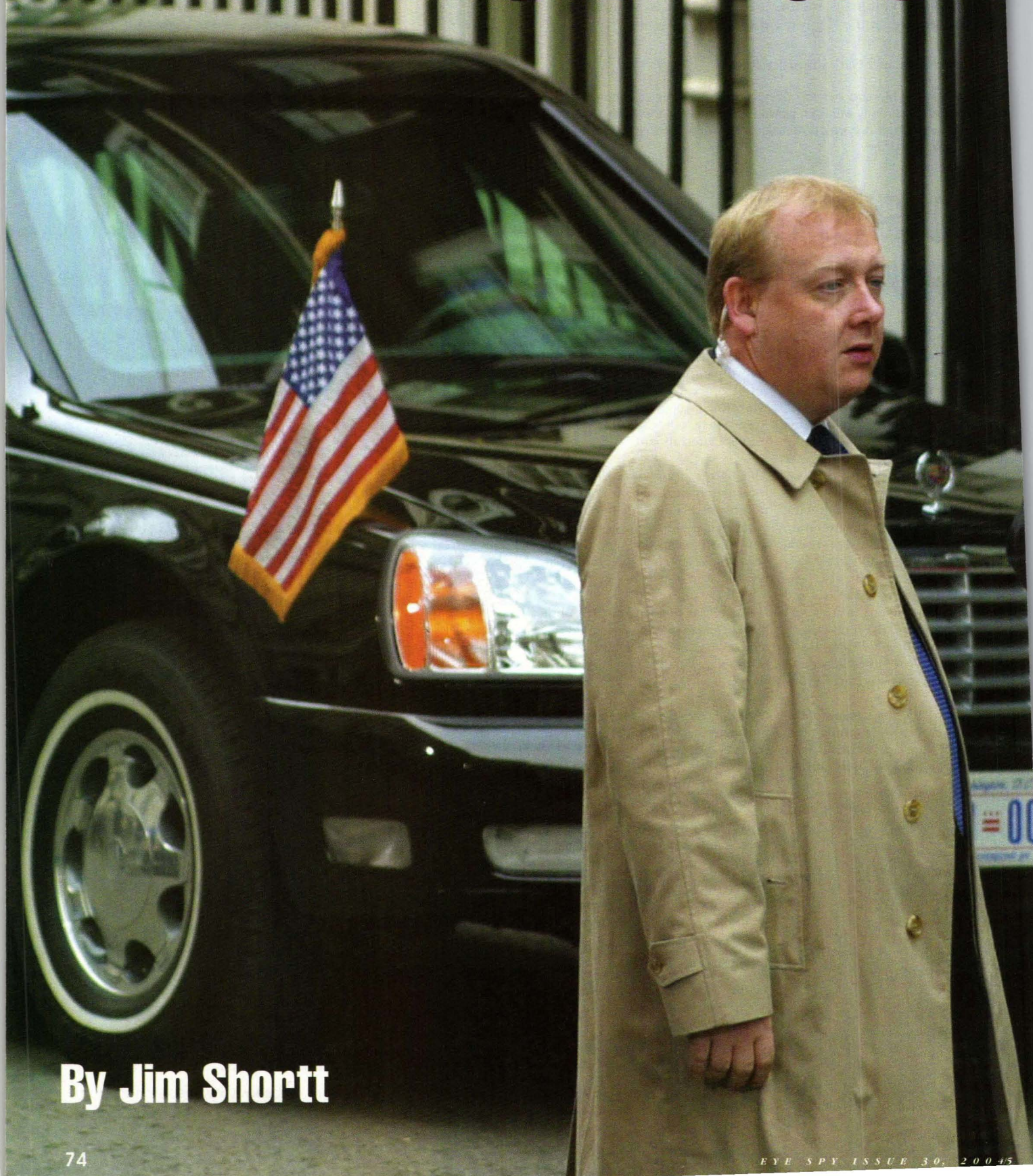


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THE BODYGUARD



By Jim Shortt



In this issue of Eye Spy, international security consultant Jim Shortt examines the role of the Protective Escort



A bodyguard team is composed of three elements: a protective escort section, a vehicle section, and a security section. These three are mutually dependent on each other in providing an all-points protective detail. I once recall seeing an 'orbat' (order of battle) diagram prepared by a civilian bodyguard and published in a security journal. The orbat was a maze of different sections, including a logistics and quartermaster. Whilst it was probably accurate for a government residential guard unit in the old Soviet Union, it was totally inappropriate for 99 per cent of today's bodyguard teams.

SECURITY SECTION

The security section is one of the most important elements in the team. It has three roles, broadly described as pre-visit, visit and post-visit. When the security section is in the pre-visit role, it will attend a location in advance that the principal will visit. In this role, the team is often referred to as the SAP, or Security Advance Party. In addition to checking the backgrounds of those who will come into direct or indirect contact with the principal, the unit will make all arrangements for the arrival of the principal, the escort and vehicle sections. A senior member will vet and advise those persons coming into direct and indirect contact with the principal.

The SAP's foremost duty, however, is to search and secure all the rooms the principal will be using to ensure no IEDs (Improvised Explosive Devices) or ESDs (Electronic Surveillance Devices) have been hidden. It will also survey, select and secure the principal's route[s] to and from the rooms and in addition, establish a plan for access control. The security section has a counter-sniper and surveillance role during the VIP's visit and a counter-surveillance role in the post-visit scenario.

VEHICLE SECTION

The vehicle section maintains the principal's means of transport, and that of the escort section and security section. In addition to protective driving skills, the section is responsible for the searching and securing of all vehicles against IEDs

and ESDs (such as transponders). However, it is also responsible for specialist transport such as fixed and rotary wing aircraft and yachts.

PROTECTIVE ESCORT SECTION

The protective escort section has the responsibility of providing immediate protection for the VIP. This protection is given when the principal is in a static location (home, office or leisure facility) through being in close proximity to and controlling access to the principal. When the principal is travelling, the escort section provides both a pedestrian escort and vehicle escort. The object of escort is achieved through observation and intervention. Observation should cover the full 360 degrees around the VIP and escort. One of the greatest failings of many 'minders' who try to pass themselves off as bodyguards is that they fail to continually monitor their surroundings, and therefore have little warning of any attack. Next time you have the opportunity to watch VIPs with their 'pseudo-bodyguards', note whether the escort is checking the rear area. Almost invariably, it is not - usually everyone is looking in the direction they are walking. If you are not looking, it follows that you will not see - and if you don't see a threat then you cannot respond to it.

Observation is not just about looking, it is about seeing and noticing. That means recognising the opportunities afforded to a would-be attacker, and about negating or reducing those opportunities.

Professional government security officers can often be seen turning and looking in various directions. Next time a significant government figure appears on television, or walking through a crowd, note his protection team looking 360 degrees and sometimes focusing on an individual.

The required response to a threat is intervention. This has three levels. The first priority is to AVOID the threat. If you can't avoid it then you try to ESCAPE. Only when this is impossible should you take the third option and CONFRONT the threat, using your close-quarter battle (CQB) methods. Remember - force is the last resort - not the first. ➤

DS

Part II

Protective Escorts



US Secret Servicemen in London 2003

Intervention is dominated by the principle that you defeat an attack by *removing* the object of that attack. The closest officer to the attack should deal with the attacker, while those furthest away place themselves between the attacker and the principal. Where possible, remove the principal to a place of safety - creating distance through the use of a vehicle, or cover by getting the principal into a solid refuge and securing it.

How does one determine the size of a security detail? Clients often approach security firms and says, "I need a bodyguard." What he really means is, "I need protection." The number of people in the bodyguard team should be proportionate to the degree of perceived threat, and should be for the team themselves to decide what size unit is required. Threats can be categorised as high risk and unknown risk. There is no such 'creature' as the oft quoted low risk. As the level of risk rises, so the number of officers in an escort increases.

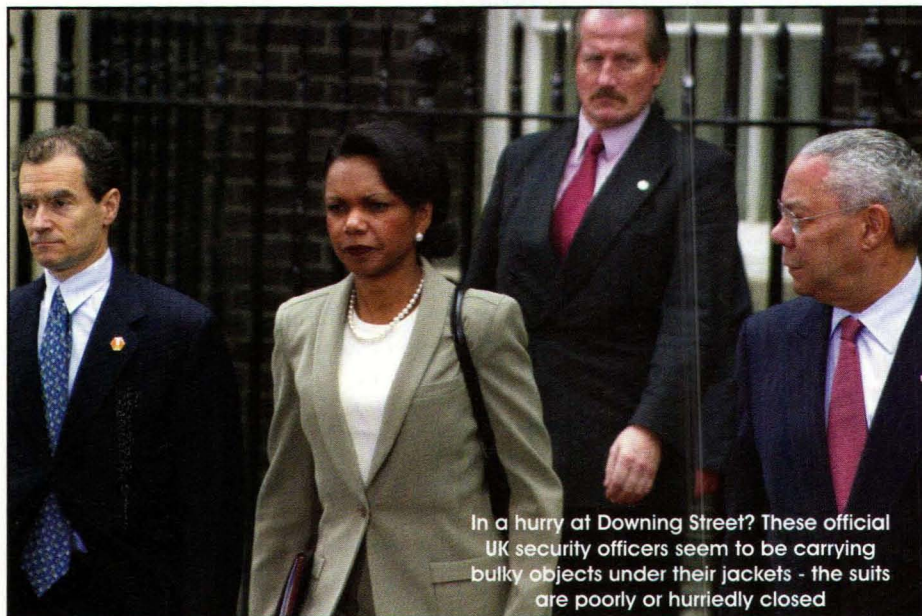
During the course of the day, the principal moves through areas with varying degrees of risk. Any method of escort must be flexible enough to discard and pick up members of the escort section to reflect these fluctuations in the perceived threat. One role to be avoided at all costs is the single bodyguard/chauffeur - the individual who claims to be able to drive the VIP and protect him at the same time. If an individual genuinely needs protection, it is because a threat exists. One man or woman cannot

escort and perform protective driving at the same time. The driver must stay with the vehicle, firstly to ensure that no IED/ESD is placed on the vehicle and secondly to ensure that in a city environment the vehicle isn't clamped or towed away. He cannot do this and escort the VIP at the same time. Notwithstanding shifts and relief, the minimum personnel required is one person in each section of the bodyguard team.

US SECRET SERVICE

The US Secret Service developed the first escort formations and protocols just after WWII. The majority of personnel

were Ivy Leaguers (privately educated), and had played American football - and they applied their football experience to escort. In American football, a player with possession of the ball tries to move forward towards the goal line, protected by fielders who intercept any opposing players who try to tackle the ball carrier. Thus the concept of concentric rings of security was born. For ball read VIP, for ball carrier read Personal Security Officer (PSO), the VIP's personal bodyguard or senior agent; for fielders read bodyguards. The concept was simple. The PSO's job was to evacuate or cover the



In a hurry at Downing Street? These official UK security officers seem to be carrying bulky objects under their jackets - the suits are poorly or hurriedly closed

principal, while the outer protective phalanx of bodyguards would move against the attacker. This method was pioneered by the Secret Service, and has been adopted over the years by most government agencies, including 22 SAS (from mid-1960's to mid-1970's), Royal Military Police Corps (subsequently), British Police of Special Branch and Royal & Diplomatic Protection Group. The protection functions previously provided by MI6's General Support Branch to British diplomatic missions abroad are now the responsibility of the Ops Wing of

the Royal Military Police Close Protection School.

Several assassinations later, the system was regarded as flawed system, yet it is still taught in many public and private bodyguard schools. Closed formations such as inverted triangles, diamonds and boxes have disappeared in favour of formations based on an open 'V' - closed at the back where maximum danger exists, but open to the front giving the illusion of access. Concentric circles of security in this role have also been discredited. The theory may sound good, but the reality is very different. John Hinckley Jr shot President Reagan, and later Prime Minister Rabin of Israel was murdered. You are left with a clump of bodyguards to the right rear and a couple of isolated individuals to the left and front.

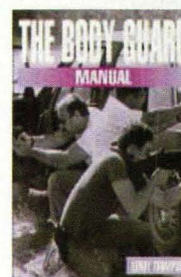
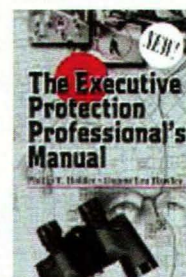
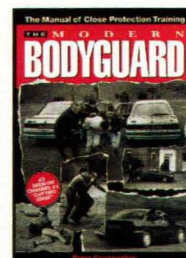
THE PROFESSIONAL METHOD

The International Bodyguard Association uses a much revised system of escort. The PSO is replaced by a No 1, the team leader who is situated to the left and rear of the VIP. The rationale for this from a firearms and CQB point of view will be discussed in a future article in this Eye Spy series. This

becomes obvious in situations such as Iraq, Afghanistan and parts of South America where shoulder weapons (high velocity or low velocity carbines) need to be carried 'at the ready'.

Positioned on the right of the VIP would have the barrel pointing at the Principal. The next step up is a No 2, ➤

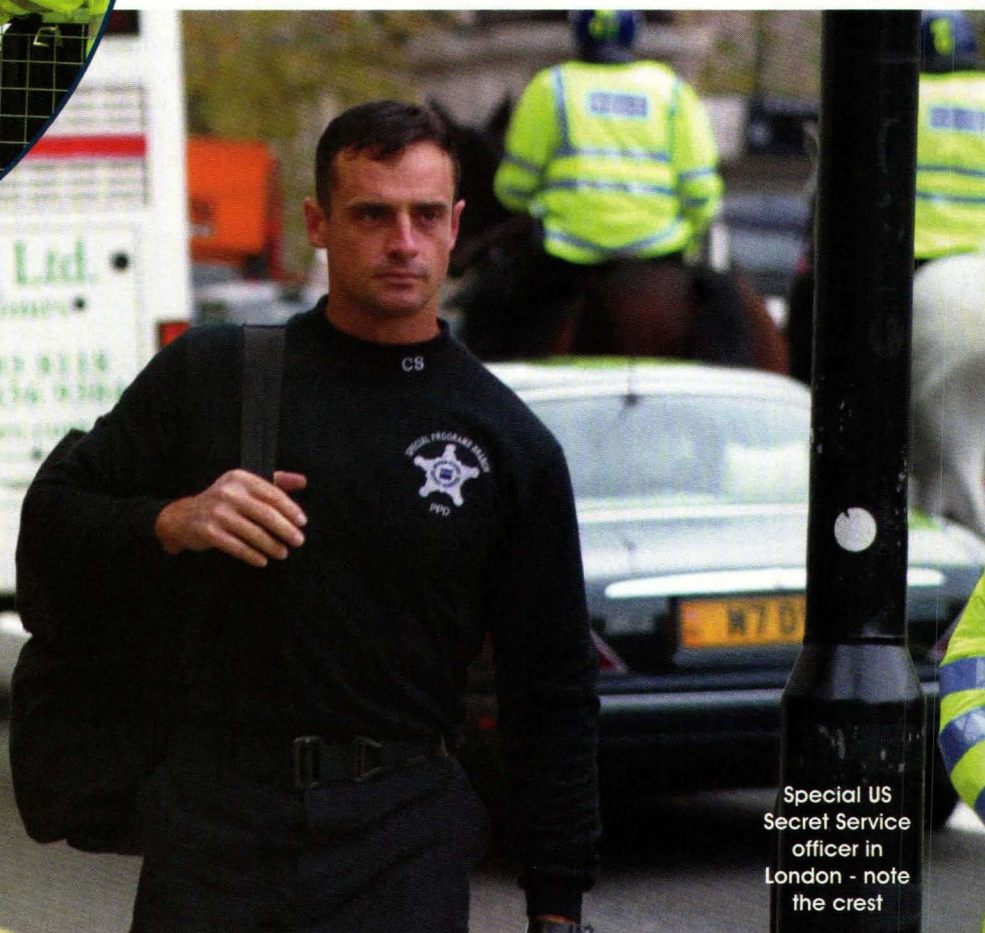
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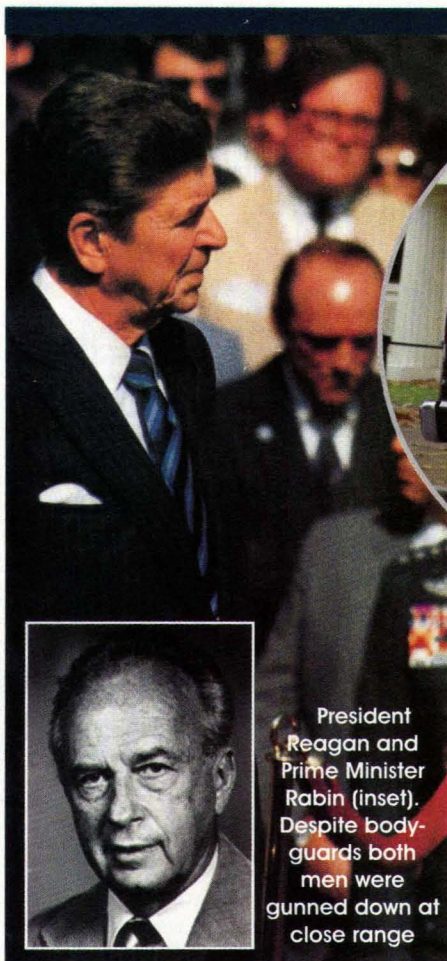
See page 14 for more details



US Secret Service officer in London - invited to show his ID!



Special US Secret Service officer in London - note the crest



President Reagan and Prime Minister Rabin (inset). Despite bodyguards both men were gunned down at close range



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Note the technology carried on this van by US Secret Servicemen during President Bush's 2003 State Visit

No 3 and so on, up to a No 6. The No 1 is the senior and most experienced member of the team. Just as in the military, if he goes down in a contact the next senior man takes over and assumes his responsibility. The junior members of the team are placed to the front of the escort, and the more senior to the rear. This ensures that:

1. The seniors can keep an eye on the juniors;
2. The seniors, being more experienced and disciplined, will do a better job of covering the observation of

the rear area; and 3. If communications fail, it is easier to pass instructions forward from the seniors.

In an escort, each bodyguard has responsibilities for an arc of observation that always overlaps the arc(s) of the officers on either side. Where the arcs overlap is considered a point of maximum risk, since it lies on the path between the bodyguards and is therefore the most likely avenue for an attack. This area should receive maximum observation. Formal escort should underline the role of the bodyguard as a 'grey man', a man who does not stand out. That doesn't mean the bodyguard should be the 'invisible man'. His presence in escort is

part of the overall deterrent to a potential attacker. It does mean that his presence doesn't overshadow the principal, but rather quietly enhances him.

MI5's "watchers" (Department A4) say their personnel can be seen but should not be noticed. This is sound advice to the bodyguard as well. Escort using one or two bodyguards (*Solo* or *Deuce*) is part of close escort but can be the basis for open escort or staggered escort, and used in non-high risk situations. Escorts with three or four officers (*Triangle* and *Square*) are referred to as close escort and not close protection. Five and six bodyguards are used only when moving the VIP through crowds, the fifth or sixth man possibly being a security officer or police officer borrowed for the occasion. If a low profile or awkward principal makes the use of orthodox escort formations difficult, then 'staggered' escorts may be used. A staggered escort is used when only one or two bodyguards are escorting the VIP, while other officers stand off at a distance of 20-50 metres, shadowing the central escort and preparing to close on any situation that may develop.

The requirement to 'shed' and 'accumulate' bodyguards on the escort is central to the structure of the escort formation, dependent on location and threat. Escort formations have to be flexible and simple, rather than the redundant phalanxes that are still taught in many government and commercial bodyguard schools.

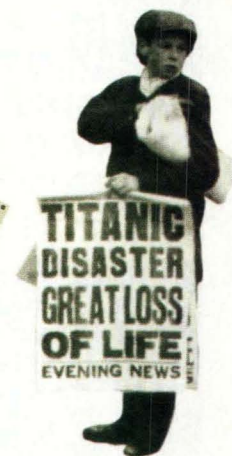
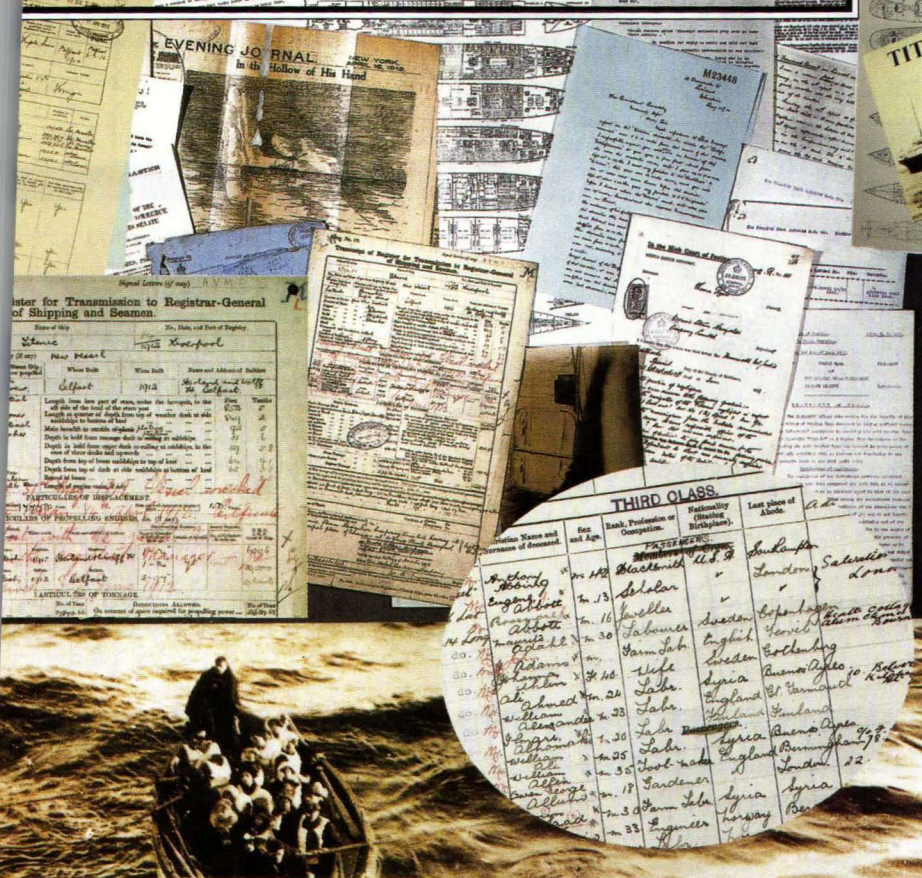
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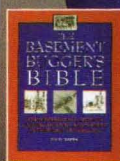
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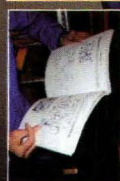
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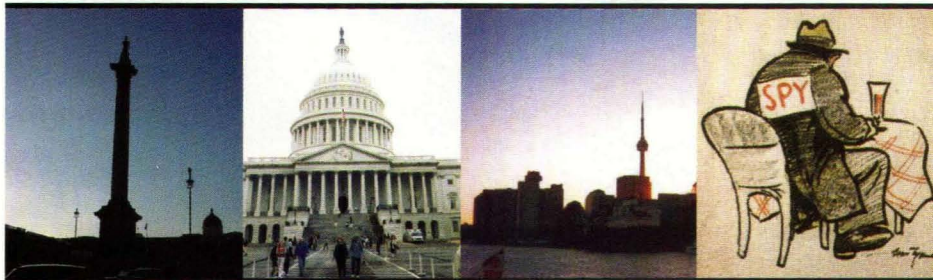
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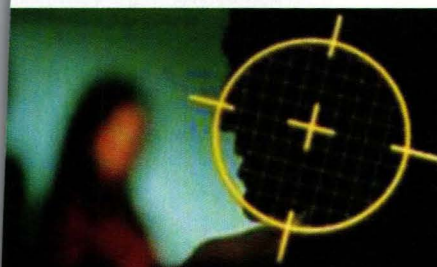
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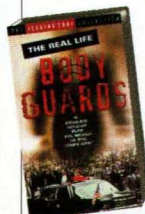
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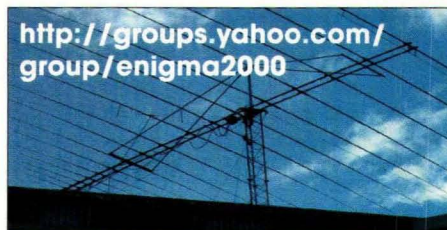
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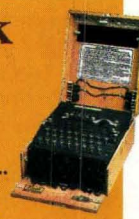
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MARITIME THREAT THAT KEEPS SURFACING

CONTINUED FROM PAGE 18

The re-arrest of Darkanzali came shortly after the CIA gleaned intelligence about an elaborate plot in the Far East. An al-Qaida-linked group had planned to hijack an oil tanker or freighter and plant huge amounts of explosives throughout its hold. The vessel would then be used as a floating bomb to wreak havoc in the busy and narrow shipping lanes that wind between Indonesia, Malaysia and Singapore. It is believed the NSA intercepted an telephone call from an operative of the Jemaah Islamiyah (JI), and an al-Qaida liaison man. JI said it was planning to use a gang of pirates to seize one or more vessels as they sheltered in port.

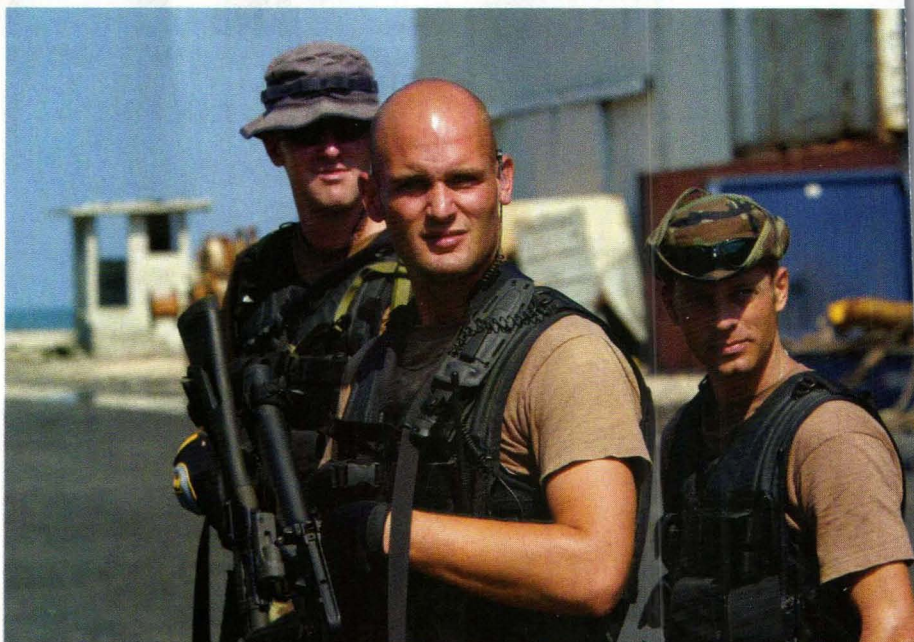
It is known that Osama bin-Laden did own a number of vessels though most, if not all have been identified and no longer are a threat. Al-Qaida does have the use of a number of cargo vessels, though these too have been identified and are under observance by satellites. Some vessels appear reluctant to dock for long periods.

Also in October, a truck carrying radioactive materials was stopped by Russian security officials as it entered the far eastern seaport of Petropavlovsk-Kamchatsky. Little information has been released on this incident after it was reported by the Ria-Novosti news agency.

Analysts believe a maritime plot was green-lighted in a coded message delivered by Ayman Al-Zawahiri in a videotaped message screened in September. Intelligence officials in the UK are convinced Al-Zawahiri uses key words and hand gestures to relate orders to sleeper cells.

As for Darkanzali, he intends to contest the charge by Spain. If found guilty, he could face 12 years in prison.

* According to the *Chicago Tribune* and the German publication *Der Stern*, in 1999, CIA officer Thomas Volz was seeking to turn Darkanzali into a spy. Atta had been on a watch list of German Intelligence since 1998, Darkanzali as well.



Personnel of the US Maritime Safety and Security Team at on duty

Tom Ridge Steps Down as Homeland Security Chief



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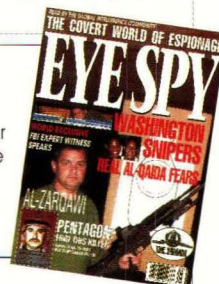
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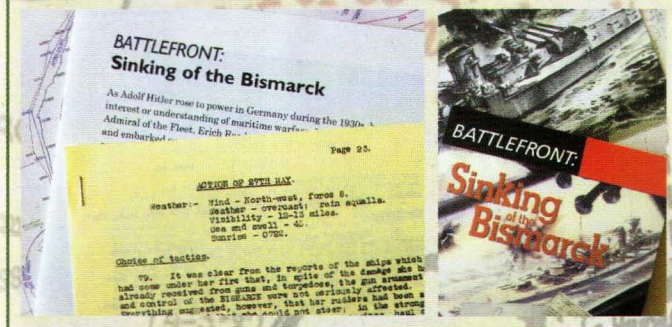
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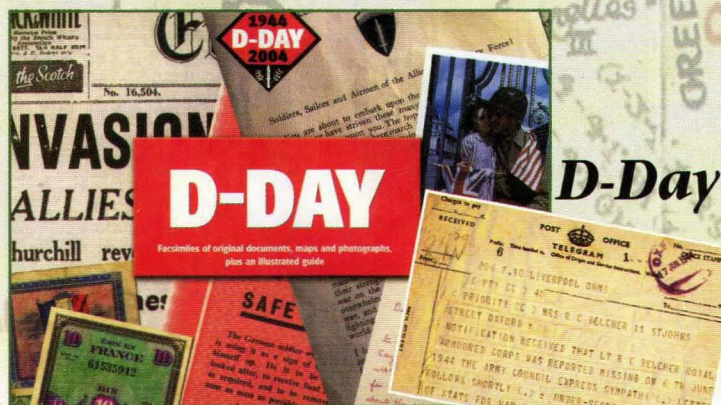
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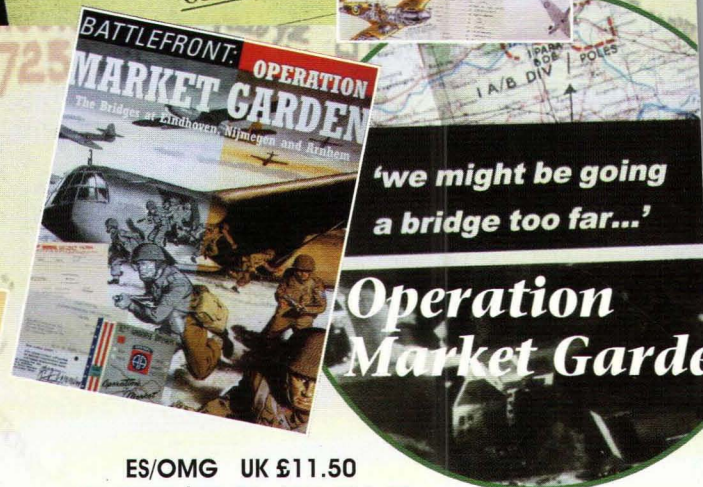


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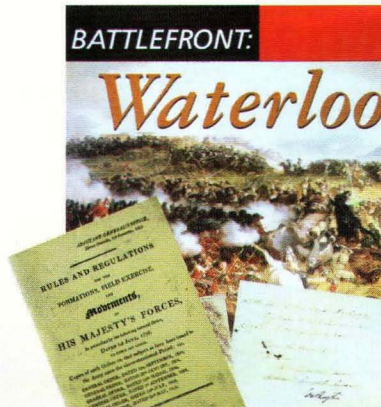
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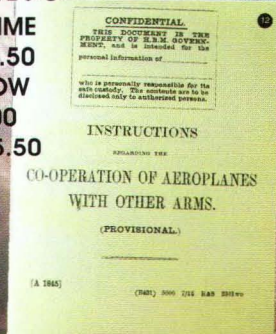
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