

1

00:00:00,000 --> 00:00:17,000

There have always been those who believe that UFOs, unidentified flying objects, are from

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00:00:17,000 --> 00:00:18,640

outer space.

3

00:00:18,640 --> 00:00:21,880

But the truth may be closer to home.

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00:00:21,880 --> 00:00:27,320

I'm a great cynic about UFOs and I'm quite sure that was mainly our airplanes that were

5

00:00:27,320 --> 00:00:28,480

flying around.

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00:00:28,480 --> 00:00:34,920

For over 60 years in top secret research bases around the world, flying saucers have

7

00:00:34,920 --> 00:00:38,600

been designed, built and flown.

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00:00:38,600 --> 00:00:42,760

Secreted away from the rest of the main company is a place where they're building flying

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00:00:42,760 --> 00:00:44,400

saucers.

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00:00:44,400 --> 00:00:47,320

Some even claim to have seen them.

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00:00:47,320 --> 00:00:52,480

There was no mistaking what they were, they were flying saucers.

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00:00:52,480 --> 00:00:58,000

This is the secret history of attempts to harness the technology of the flying saucer

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00:00:58,120 --> 00:01:01,800

to produce the ultimate military plane.

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00:01:01,800 --> 00:01:10,800

These are the real UFOs.

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00:01:10,800 --> 00:01:17,480

The story of the real UFOs begins in Nazi Germany.

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00:01:17,480 --> 00:01:22,200

As victory in the Second World War was slipping from their grasp, German scientists were trying

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00:01:22,200 --> 00:01:27,000

to perfect weapons that might turn the war in Hitler's favor.

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00:01:27,000 --> 00:01:33,160

One of these was Victor Schauburger, an inventor who had produced models for a flying saucer.

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00:01:33,160 --> 00:01:37,880

It had met the promise of a flying machine that could maneuver like a helicopter, but

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00:01:37,880 --> 00:01:42,760

travel at supersonic speed undetected by the enemy.

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00:01:42,760 --> 00:01:48,520

Schauburger's craft utilized a tornado-like vortex which produced magnetic effects causing

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00:01:48,520 --> 00:01:51,720

levitation.

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00:01:51,840 --> 00:01:59,000

Victor was recognized by the German government, actually met with Hitler, and later was inducted

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00:01:59,000 --> 00:02:08,000

into the SS and put to work further developing this flying saucer concept.

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00:02:08,160 --> 00:02:14,360

He worked alongside a group of brilliant German engineers, including Rudolf Schriever, Andreas

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00:02:14,360 --> 00:02:20,840

Epp and Dr. Richard Mieter, all produced highly advanced designs.

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00:02:20,840 --> 00:02:27,560

The Germans actually had three separate developmental areas for flying saucers, one at Pina Munda,

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00:02:27,560 --> 00:02:31,160

one at Breslau, and the other at Prague.

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00:02:31,160 --> 00:02:34,520

At all these three facilities, flying saucers flew.

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00:02:34,520 --> 00:02:40,040

The Germans had in fact gone far enough into development and testing that aircraft were

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00:02:40,040 --> 00:02:41,440

in the air.

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00:02:41,440 --> 00:02:48,160

And one company, Messerschmitt, had flown a complete saucer-shaped aircraft.

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00:02:48,160 --> 00:02:53,920

These pictures of the early prototypes resemble photographs of UFOs that would emerge in the

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00:02:53,920 --> 00:02:55,800

coming decades.

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00:02:55,800 --> 00:02:58,840

But this was not the world of science fiction.

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00:02:58,840 --> 00:03:01,800

These were highly advanced UFOs.

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00:03:01,800 --> 00:03:10,160

For the German military, this lethal weaponry was being developed to win the war.

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00:03:10,160 --> 00:03:16,720

The battle for air supremacy in World War II dominated the military struggle in Europe.

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00:03:16,720 --> 00:03:23,040

By 1944, the tide was about to turn against Germany and Hitler's Third Reich.

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00:03:23,040 --> 00:03:29,480

And then on June 13, a week after the Allied D-Day landings, Hitler unleashed his deadly

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00:03:29,480 --> 00:03:35,200

secret weapons.

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00:03:35,200 --> 00:03:41,840

Over a period of two months, thousands of V-1 jet-powered flying bombs attacked London.

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00:03:41,840 --> 00:03:49,120

Some were shot down from the ground, others in the air.

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00:03:49,120 --> 00:03:55,480

This deadly development in warfare technology was to start a whole new era of military aviation

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00:03:55,480 --> 00:03:57,160

history.

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00:03:57,160 --> 00:04:03,000

The use of flying saucer technology to produce even more efficient killing machines was to

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00:04:03,000 --> 00:04:07,640

be the culmination of this research.

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00:04:07,640 --> 00:04:12,360

During the Nazi period, we had a flowering of new thought, of scientific thought, of

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00:04:12,360 --> 00:04:14,800

technological development.

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00:04:14,800 --> 00:04:19,040

These scientists were freed up to do a lot of work.

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00:04:19,040 --> 00:04:24,720

They developed science in every field that is relevant in our lives today.

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00:04:24,720 --> 00:04:31,600

And as a matter of fact, we're still living off that carcass.

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00:04:31,600 --> 00:04:36,440

But there was nothing new about the basic principles of rocket science.

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00:04:36,440 --> 00:04:42,320

Since the 1920s and 30s, there had been an explosion of innocent enthusiasts experimenting

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00:04:42,320 --> 00:04:46,520

with rocket propulsion across Europe and America.

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00:04:46,520 --> 00:04:58,480

But what the Nazis were doing was anything but innocent.

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00:04:58,480 --> 00:05:03,640

At their deadly weapons research facilities, scientists were working on a new generation

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00:05:03,640 --> 00:05:05,360

of weapons.

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00:05:05,360 --> 00:05:15,480

And alongside the rockets and missiles, real UFOs were a crucial part of that program.

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00:05:15,480 --> 00:05:19,680

One of the incredible things that happened during the Second World War was the amount

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00:05:19,680 --> 00:05:25,880

of technology that German scientists were turning out that was devoted to a war effort.

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00:05:25,880 --> 00:05:31,200

And that included rocketry, it included the jet engines, but it also included some remarkable

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00:05:31,200 --> 00:05:36,240

work in terms of flying saucer craft.

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00:05:36,240 --> 00:05:40,160

But time was running out for Hitler and his scientists.

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00:05:40,160 --> 00:05:43,480

On all fronts, the Allies were breaking through.

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00:05:43,480 --> 00:05:46,000

The Germans were in retreat.

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00:05:46,000 --> 00:05:51,320

The flying saucer technology, just like all of Hitler's other ultimate weapons, would

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00:05:51,320 --> 00:05:53,400

come too late.

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00:05:53,400 --> 00:06:00,320

Even right to the very end of the war, it seems they really believed that these superweapons,

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00:06:00,320 --> 00:06:05,800

these super-delivery systems, were going to be able to at least stall the Allies and

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00:06:05,800 --> 00:06:13,160

they were going to be able to arrive at some sort of political settlement of the war.

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00:06:13,160 --> 00:06:17,760

Hitler's dream of winning the war with his superweapons never came.

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00:06:17,760 --> 00:06:22,880

By May 1945, the final battle for Berlin had started.

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00:06:22,880 --> 00:06:26,560

The war in Europe was virtually over.

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00:06:26,560 --> 00:06:31,200

But this was only the beginning of the story of the real UFOs.

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00:06:31,200 --> 00:06:37,200

Within three months, the Second World War came to a dramatic and horrifying end.

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00:06:37,200 --> 00:06:45,360

At 8.15 in the morning of August 6, 1945, the Enola Gay, a B-29 American bomber, dropped

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00:06:45,360 --> 00:06:52,120

the first atomic bomb on Hiroshima.

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00:06:52,120 --> 00:06:58,160

But the war finally over, the former Allies had now become rivals.

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00:06:58,160 --> 00:07:03,120

The Soviet Union and the West would soon be locked in a battle for the latest military

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00:07:03,120 --> 00:07:04,120

technology.

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00:07:04,120 --> 00:07:11,560

Well, at the close of the Second World War, all the former Allied powers were engaged

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00:07:11,560 --> 00:07:17,360

in an race to capture German technology.

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00:07:17,360 --> 00:07:27,440

Americans captured a complex for the manufacturing of V-tools and planes for many other missiles.

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00:07:27,440 --> 00:07:36,040

But Russians captured the latest models of jet aircraft from the Germans and a good amount

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00:07:36,040 --> 00:07:39,600

of rocket scientists.

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00:07:39,600 --> 00:07:46,280

But the key question was who was going to capture the real UFO scientists.

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00:07:46,280 --> 00:07:51,280

The secrets of German rocketry in missiles was not the only technology to fall into Russian

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00:07:51,280 --> 00:07:55,480

and American hands.

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00:07:55,480 --> 00:08:01,680

The Cold War was about to begin and alongside the very public nuclear arms race, with its

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00:08:01,680 --> 00:08:07,720

displays of missile hardware, there was also another secret arms race going on, which the

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00:08:07,720 --> 00:08:10,360

public knew nothing about.

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00:08:10,360 --> 00:08:16,000

It was time to find the ultimate flying machine, a flying saucer from the world of science

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00:08:16,000 --> 00:08:23,160

fiction.

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00:08:23,160 --> 00:08:29,280

During the Second World War, there was a major technological revolution in jet propulsion,

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00:08:29,280 --> 00:08:34,840

atomic physics and real UFOs, flying saucer technology.

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00:08:34,840 --> 00:08:41,600

The Germans had led the world in the development of real UFOs and now their ideas and scientists

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00:08:41,600 --> 00:08:47,800

had fallen into the hands of the two superpowers, Russia and America.

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00:08:47,800 --> 00:08:54,960

German UFO flying saucer engineers Viktor Schauburger, Rudolf Schriever and a Dr. Mieter were secretly

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00:08:54,960 --> 00:08:58,280

working for the Americans.

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00:08:58,280 --> 00:09:02,920

While Andrey Assepp was reported to be working on flying saucer projects for the Russians,

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00:09:03,440 --> 00:09:10,000

both Americans and Russians exploited really a lot the scientists that they captured at

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00:09:10,000 --> 00:09:11,320

the end of the war.

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00:09:11,320 --> 00:09:20,840

They used this technology and these guys to develop their science during the Cold War.

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00:09:20,840 --> 00:09:26,520

By the end of the Second World War, the former allies had become rivals and the Cold War

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00:09:26,520 --> 00:09:30,040

arms race had begun.

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00:09:30,040 --> 00:09:36,800

The focus of the American efforts went on developing rocket and missile weapon systems.

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00:09:36,800 --> 00:09:42,520

It seemed that the captured German flying saucer technology had been put on hold.

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00:09:42,520 --> 00:09:50,280

Then in 1947, there was a report of a UFO flying over America seen by an American pilot, Kenneth

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00:09:50,280 --> 00:09:51,720

Arnold.

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00:09:51,720 --> 00:09:58,840

He was flying near Mount Rainier in the state of Washington and witnessed nine flying disks,

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00:09:58,840 --> 00:10:00,560

some distance from him.

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00:10:00,560 --> 00:10:04,120

When Arnold landed, he told his story to the local press.

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00:10:04,120 --> 00:10:11,000

I was approximately 25 to 28 miles from Mount Rainier and I noticed to the left of me a

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00:10:11,000 --> 00:10:16,880

chain which looked to me like the tail of a Chinese kite going at a terrific speed across

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00:10:16,880 --> 00:10:18,600

the face of Mount Rainier.

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00:10:18,600 --> 00:10:25,200

They looked something like a pie plate that was cut in half with sort of a convex triangle

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00:10:25,200 --> 00:10:27,160

in the rear.

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00:10:27,160 --> 00:10:29,240

Well Kenneth Arnold started a firestorm.

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00:10:29,240 --> 00:10:34,560

He was able to calculate from known landmarks how fast they were flying and found they were

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00:10:34,560 --> 00:10:39,200

flying at 12 or 1300 miles an hour.

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00:10:39,200 --> 00:10:44,200

And from his description, once he landed and gave this story to the press, he described

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00:10:44,200 --> 00:10:49,600

these as these objects as if they were saucers skipping on water.

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00:10:49,600 --> 00:10:52,440

And today that's how we have the word flying saucer.

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00:10:52,440 --> 00:10:54,520

I'm out of nowhere.

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00:10:54,520 --> 00:11:00,960

Flying saucer mystery is with us.

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00:11:00,960 --> 00:11:02,600

What is the flying saucer?

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00:11:02,600 --> 00:11:05,360

What do people see in sometimes photographed?

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00:11:05,360 --> 00:11:10,880

What's behind the daily reports of aerial phenomena in the nation's press?

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00:11:10,880 --> 00:11:15,880

U.S. television and radio began reporting eyewitness accounts of members of the public

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00:11:15,880 --> 00:11:20,560

who claim they had seen UFOs in the skies over America.

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00:11:20,560 --> 00:11:26,120

I glanced up and there were three flying saucers in a V. Approximately a half a mile

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00:11:26,120 --> 00:11:29,880

away from me at an altitude of 350 feet.

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00:11:29,880 --> 00:11:32,040

Is this what Weisberger saw?

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00:11:32,040 --> 00:11:36,440

America was gripped with UFO sightings and flying saucer fever.

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00:11:36,440 --> 00:11:41,440

The military was eager to deny it was anything to do with them and went on television to

137

00:11:41,440 --> 00:11:43,360

reassure the American public.

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00:11:43,360 --> 00:11:50,360

You can say that the recent sightings are in no way connected with any secret development

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00:11:50,360 --> 00:11:54,320

by any agency of the United States.

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00:11:54,320 --> 00:11:59,520

In my position in the Research and Development Organization of the Bureau of Aeronautics and

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00:11:59,520 --> 00:12:04,920

of the Navy Department, I am fairly familiar with both our aircraft and our guided missiles

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00:12:04,920 --> 00:12:11,560

programs and can state without reservation that the Navy has no saucer-shaped aircraft

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00:12:11,560 --> 00:12:17,400

or missile in any of these programs.

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00:12:17,400 --> 00:12:24,560

Then in July 1947, in the midst of the UFO fever, came a startling report by another

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00:12:24,560 --> 00:12:26,800

serving American officer.

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00:12:26,800 --> 00:12:33,000

He announced to the press the discovery of remains from a flying saucer found in Roswell,

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00:12:33,000 --> 00:12:34,880

New Mexico.

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00:12:34,880 --> 00:12:39,440

Within hours the story of the Roswell incident exploded around the world.

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00:12:39,440 --> 00:12:41,560

The American military panicked.

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00:12:41,560 --> 00:12:47,200

Again they issued an official statement designed to reassure an anxious public.

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00:12:47,200 --> 00:12:50,760

Denying the remains were from a flying saucer.

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00:12:50,760 --> 00:12:55,480

They maintained that it was simply a weather balloon.

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00:12:55,480 --> 00:13:00,560

Behind all these American denials was a more ominous possibility for the military.

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00:13:00,560 --> 00:13:06,120

Assuming the UFOs were not from outer space, flown by aliens, perhaps all these sightings

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00:13:06,120 --> 00:13:10,760

were evidence of an enemy closer to home.

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00:13:10,760 --> 00:13:17,760

The American military were inundated by all kinds of UFO reports and that drove them to

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00:13:17,760 --> 00:13:24,120

the idea that perhaps some of those UFO missions were the Soviets in the air.

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00:13:24,120 --> 00:13:30,120

Americans captured the very exotic blueprints of the very advanced designs for aircrafts

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00:13:30,120 --> 00:13:37,320

and among them there was the Horton 229 by the Horton brothers.

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00:13:37,320 --> 00:13:43,120

These aircraft were very similar in shape to the first description of a flying saucer

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00:13:43,120 --> 00:13:46,120

sighted over America in 1947.

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00:13:46,120 --> 00:13:53,600

And the Americans were scared that the Russian could have produced actually a flying version

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00:13:53,600 --> 00:13:57,040

of the Horton 229.

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00:13:57,040 --> 00:14:02,080

So in the immediate post-war years, reports of UFO sightings were part of the growing

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00:14:02,080 --> 00:14:08,360

tensions between east and west as the Cold War grew in intensity.

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00:14:08,360 --> 00:14:14,720

In the early 1950s, the Korean War had almost brought the world to a nuclear disaster.

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00:14:14,720 --> 00:14:20,280

In America, the paranoia and the sense of fear of communist invasion was reflected in

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00:14:20,280 --> 00:14:23,920

attitudes to flying saucers in popular culture.

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00:14:24,920 --> 00:14:27,240

Flying saucers have invaded our planet.

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00:14:27,240 --> 00:14:31,120

Washington, London, Paris, Moscow are key targets.

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00:14:31,120 --> 00:14:33,240

The whole world is under attack.

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00:14:33,240 --> 00:14:39,040

The 50s were the golden age of flying saucer.

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00:14:39,040 --> 00:14:42,520

People were scared by the Cold War.

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00:14:42,520 --> 00:14:46,520

They were scared by the atomic experiments.

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00:14:46,520 --> 00:14:52,280

They were at the same time very keen to the space exploration and to the advancement

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00:14:52,280 --> 00:15:00,520

of technology, so the climate was the right one to expect extraterrestrial visitations

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00:15:00,520 --> 00:15:02,520

from outer space.

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00:15:02,520 --> 00:15:25,840

But for the American military, the continued rumors and speculation was ideal camouflage

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00:15:25,840 --> 00:15:28,800

for the real UFOs.

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00:15:28,800 --> 00:15:35,160

All over the deserts of America were sites like Area 51, White Sands and Los Alamos,

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00:15:35,160 --> 00:15:40,360

where alongside missile tests and space programs, there were hundreds of other mysterious top

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00:15:40,360 --> 00:15:47,400

secret projects.

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00:15:47,400 --> 00:15:56,000

These included high-altitude parachute tests, satellite testing, and the development of

184

00:15:56,000 --> 00:16:00,920

future space vehicles.

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00:16:00,920 --> 00:16:07,560

One of these secret programs was called Project Mogul.

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00:16:07,560 --> 00:16:12,240

Project Mogul was a top secret program to listen in on the Russians using equipment

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00:16:12,240 --> 00:16:18,440

on high-altitude balloons.

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00:16:18,440 --> 00:16:23,360

The American military were desperate to discover secrets of the Soviet program to develop a

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00:16:23,360 --> 00:16:25,640

rival atom bomb.

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00:16:25,640 --> 00:16:30,720

They needed to know when the Soviets were testing one of their weapons.

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00:16:30,720 --> 00:16:35,040

It was not until 20 years later that the U.S. government was forced to confess that the

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00:16:35,040 --> 00:16:44,240

Roswell incident, back in 1947, was in fact secret military testing by the Americans.

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00:16:44,240 --> 00:16:49,080

They published a report which concluded that what was recovered was not the remains of an

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00:16:49,080 --> 00:16:54,720

extraterrestrial spacecraft, but debris from a then-classified Army Air Force research

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00:16:54,720 --> 00:17:02,120

project codenamed Mogul.

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00:17:02,120 --> 00:17:06,200

But there was good reason for the Americans to be frightened of the Russians.

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00:17:06,200 --> 00:17:11,880

The experience of the Korean War and the startling appearance of the MiG fighter had proved how

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00:17:11,880 --> 00:17:15,920

advanced Russian military technology had become.

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00:17:15,920 --> 00:17:19,480

Russia needed to catch up and catch up fast.

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00:17:19,480 --> 00:17:27,640

Could a supersonic flying saucer be the answer?

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00:17:27,640 --> 00:17:34,600

In the 1950s, the race was on to build the ultimate weapon, a radar-invisible supersonic

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00:17:34,600 --> 00:17:36,120

aircraft.

203

00:17:36,120 --> 00:17:40,640

What was needed was from the realms of science fiction.

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00:17:40,640 --> 00:17:45,920

The U.S. Air Force, in fact, wanted a new fighter interceptor, something that no Soviet

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00:17:45,920 --> 00:17:50,560

aircraft would look like, a completely new airplane, one that could fly faster and higher

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00:17:50,560 --> 00:17:53,320

than anything else in the air at the time.

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00:17:53,320 --> 00:18:00,520

In 1953, the CIA discovered that Avro, the Canadian aeronautics company, was working

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00:18:00,520 --> 00:18:05,920

secretly on a revolutionary aircraft, a flying saucer.

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00:18:05,920 --> 00:18:09,880

This was the brainchild of a visionary British aeronautical engineer.

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00:18:09,880 --> 00:18:12,920

The genius behind the flying saucer project was John Frost.

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00:18:12,920 --> 00:18:18,680

He came from England as a designer on another project, but he soon became intrigued with

212

00:18:18,680 --> 00:18:22,760

the idea of taking flying saucers into the air.

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00:18:22,760 --> 00:18:27,880

John Frost had been responsible for one of aviation's most innovative developments, the

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00:18:27,880 --> 00:18:30,800

swept-wing, tailless fighter.

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00:18:30,800 --> 00:18:35,240

The inspiration behind John Frost's first ideas, in fact, came from his collecting a

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00:18:35,240 --> 00:18:40,840

scrapbook of all the UFO reports that were being heralded all over the world.

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00:18:40,840 --> 00:18:45,160

And through looking at every one of the reports, he began to start sifting them down to at

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00:18:45,160 --> 00:18:51,360

least two possible sources, and one was man-made, and he traced it back to Germany.

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00:18:51,360 --> 00:18:54,680

Frost was intrigued by reports of the Nazi flying saucers.

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00:18:54,680 --> 00:18:59,960

In fact, we now have evidence to show that he is a participant in interviewing German

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00:18:59,960 --> 00:19:06,880

scientists and especially one, Mietha, who had worked directly with German flying saucers.

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00:19:06,880 --> 00:19:13,200

Dr. Mietha claimed that he had worked for over ten years on the Nazi saucer program, and

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00:19:13,200 --> 00:19:17,560

his team had actually built the flying prototype.

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00:19:17,560 --> 00:19:22,120

Mietha showed Frost photographs, plans, and blueprints.

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00:19:22,120 --> 00:19:26,360

Frost was convinced that he could turn Mietha's plans into reality.

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00:19:26,360 --> 00:19:30,960

John Frost had the promise of something that no one else could deliver at that point.

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00:19:30,960 --> 00:19:37,960

A supersonic, more than twice as fast as the speed of sound aircraft that could fly higher

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00:19:37,960 --> 00:19:45,360

and faster than anything else out there, and never needed a runway or any airfield to operate from.

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00:19:45,360 --> 00:19:52,840

In 1952, the Canadian Avro Aircraft Factory concealed one of America's most highly classified

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00:19:52,840 --> 00:19:55,360

and top-secret projects.

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00:19:55,360 --> 00:19:59,240

John Frost set up a secret group called the Special Projects Group.

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00:19:59,240 --> 00:20:05,000

It was based on men just like himself, engineers and technicians and scientists that would

233

00:20:05,000 --> 00:20:13,400

work on his own ideas and ideas that would in fact lead to the flying saucer projects.

234

00:20:13,400 --> 00:20:18,360

One of the aeronautical engineers who worked with John Frost on this revolutionary concept

235

00:20:18,360 --> 00:20:19,360

was Doug Garland.

236

00:20:19,360 --> 00:20:22,600

John Frost was frightfully English.

237

00:20:22,600 --> 00:20:29,680

He was a typical English gentleman from the public school system, but with tremendous

238

00:20:29,680 --> 00:20:34,280

experience in the aviation industry.

239

00:20:34,280 --> 00:20:38,560

I'd say his enthusiasm was infectious.

240

00:20:38,560 --> 00:20:40,080

No problem was too big.

241

00:20:40,080 --> 00:20:42,360

There's a solution to every problem.

242

00:20:42,360 --> 00:20:45,960

In fact, we don't have problems, we have challenges.

243

00:20:45,960 --> 00:20:47,680

There were plenty of challenges.

244

00:20:47,680 --> 00:20:53,080

John Frost's very first project is Project Y, a spade-shaped aircraft that's based around

245

00:20:53,080 --> 00:20:55,960

his circular pancake engine.

246

00:20:55,960 --> 00:21:00,840

It'll be able to take off from the ground vertically or in a rolling takeoff and fly

247

00:21:00,840 --> 00:21:03,440

as a supersonic interceptor.

248

00:21:03,440 --> 00:21:07,520

Project Y was designed as a tailless jet engine aircraft.

249

00:21:07,520 --> 00:21:13,440

It was in effect using flying saucer technology.

250

00:21:13,440 --> 00:21:19,000

A spade-shaped mockup was built by Frost's elite team in a heavily guarded workshop in

251

00:21:19,000 --> 00:21:22,520

the Avro factory.

252

00:21:22,520 --> 00:21:29,200

In 1953, a model with a delta-tailed jet flap for vertical takeoff control was secretly

253

00:21:29,200 --> 00:21:30,600

tested.

254

00:21:30,600 --> 00:21:34,200

The failings of the design soon became apparent.

255

00:21:34,200 --> 00:21:39,760

One of the main problems with any tail-sitting aircraft would be that the amount of pilot

256

00:21:39,760 --> 00:21:45,600

skills that would be required to fly vertically from the ground in that position, and then,

257

00:21:45,600 --> 00:21:49,400

in fact, to return would be incredible.

258

00:21:49,400 --> 00:21:54,880

John Frost now concentrated all the efforts of the special projects team on the development

259

00:21:54,880 --> 00:21:59,720

of a circular design, essentially a flying saucer.

260

00:21:59,720 --> 00:22:03,480

The circle is the most efficient ground-effect machine.

261

00:22:03,480 --> 00:22:08,200

You get more lift for a given thruster on the periphery.

262

00:22:08,760 --> 00:22:11,720

So it makes sense when you're hovering in ground effect.

263

00:22:11,720 --> 00:22:15,120

John Frost's next design was codenamed Y-2.

264

00:22:15,120 --> 00:22:21,000

Project Y-2 was a completely circular aircraft, now using a rotor system in the center of

265

00:22:21,000 --> 00:22:27,560

it and multiple engines on the outside edge, powering that rotor, giving it vertical takeoff

266

00:22:27,560 --> 00:22:34,240

and eventual direction so it could fly into altitudes that no one else could guess.

267

00:22:35,040 --> 00:22:38,520

It was a knife-edge supersonic fighter that he was selling.

268

00:22:38,520 --> 00:22:44,880

At this point, the American Air Force bought in in big time with a \$10 million grant towards

269

00:22:44,880 --> 00:22:47,720

his research.

270

00:22:47,720 --> 00:22:54,160

By 1956, the Cold War space race and arms race was at its height.

271

00:22:54,160 --> 00:22:59,880

The American military was desperate to invest in new weapons technologies.

272

00:22:59,880 --> 00:23:05,840

With clandestine American funding, the development of the supersonic flying saucer began.

273

00:23:05,840 --> 00:23:12,080

In the Schaefer building was a full-size 50-foot diameter, six-engine-powered aircraft.

274

00:23:12,080 --> 00:23:17,760

Now, testing though proved that it was a dangerous beast, one that nearly killed the entire

275

00:23:17,760 --> 00:23:19,720

frost team.

276

00:23:19,720 --> 00:23:22,160

The test was nearly catastrophic.

277

00:23:22,160 --> 00:23:27,200

The engines of the saucer tethered in the hangar, spun out of control, and almost blew

278

00:23:27,200 --> 00:23:29,760

the roof of the research lab off.

279

00:23:29,760 --> 00:23:34,000

John Frost decides that there's no way that he can continue this work with a complete

280

00:23:34,000 --> 00:23:35,960

flying saucer.

281

00:23:35,960 --> 00:23:41,800

Supersonic project is abandoned for the time being for him to build a smaller test vehicle

282

00:23:41,800 --> 00:23:43,200

that becomes the Avrocar.

283

00:23:43,200 --> 00:23:49,960

Well, the design specification for the Avrocar was to fly at forward speed at 300 miles an

284

00:23:49,960 --> 00:23:56,480

hour, some modest kind of speed, but it had a high thrust-to-weight ratio greater than one,

285

00:23:56,480 --> 00:24:03,240

and to fly at 30,000 feet altitude, and to land and take off vertically.

286

00:24:03,240 --> 00:24:09,640

In 1957, Frost's prototype model finally rewarded the earlier American military investment

287

00:24:09,640 --> 00:24:11,120

in his project.

288

00:24:11,120 --> 00:24:14,440

The Avrocar was a scaled-down test vehicle that could do two jobs.

289

00:24:14,440 --> 00:24:18,560

One, it could provide a test vehicle for the supersonic craft that was still sitting in

290

00:24:18,560 --> 00:24:24,080

the Schaefer building, but secondly, it could be the flying jeep that the U.S. Army required.

291

00:24:24,080 --> 00:24:30,440

With weaponry, it could actually go on the battlefield as a battlefield weapon.

292

00:24:30,440 --> 00:24:36,960

In 1959, the two vertical takeoff prototypes rolled out of the factory.

293

00:24:36,960 --> 00:24:43,280

The long-term aim was to produce a flying saucer that could reach over 1,500 miles per

294

00:24:43,280 --> 00:24:44,280

hour.

295

00:24:44,280 --> 00:24:51,440

It did fly along the runways, de-icing the runways quite nicely, blowing ice and snow

296

00:24:51,440 --> 00:24:52,440

around.

297

00:24:52,440 --> 00:24:59,640

We got into trouble over a freshly mown part of the airfield when all the grass blew up

298

00:24:59,640 --> 00:25:06,120

and came back down in the intakes, and then we started thinking about how to prevent what's

299

00:25:06,120 --> 00:25:11,880

called foreign object ingestion into the intakes.

300

00:25:11,880 --> 00:25:16,680

The flying saucer flew several test flights, but its shape meant that it was incredibly

301

00:25:16,680 --> 00:25:20,200

difficult to steer.

302

00:25:20,200 --> 00:25:28,160

It was a maze of challenges, and the biggest challenge that the concept faced was the pitch

303

00:25:28,160 --> 00:25:33,960

instability, the aerodynamic center being so far forward of the center of gravity.

304

00:25:33,960 --> 00:25:40,200

It's not a good recipe for a happy flight.

305

00:25:40,200 --> 00:25:44,680

So the vertical takeoff and hover principle was working.

306

00:25:44,680 --> 00:25:50,160

Modifications were made, but lack of power and inadequate control mechanisms were difficult

307

00:25:50,160 --> 00:25:55,640

difficulties that had to be overcome if the Avrocar was ever to fly as intended.

308

00:25:55,640 --> 00:26:01,720

Apart from the development of powerful pitch control, the only way that we knew to make

309

00:26:01,720 --> 00:26:09,160

a circular device stable was to have it spin like a Frisbee today, and the spinning action

310

00:26:09,160 --> 00:26:12,160

will impart stability.

311

00:26:12,160 --> 00:26:18,120

Some of John Frost's early designs did in fact have large spinning components, and the

312

00:26:18,120 --> 00:26:27,200

gyroscopic power of those devices was thought to impart some stability in designs which

313

00:26:27,200 --> 00:26:33,440

were thought to go as fast as three times the speed of sound.

314

00:26:33,440 --> 00:26:38,440

Frost was convinced he could control the instability problem.

315

00:26:38,440 --> 00:26:42,280

But the Americans insisted on adding a swept tail unit.

316

00:26:42,280 --> 00:26:46,920

Frost considered this was a betrayal of his original concept.

317

00:26:46,920 --> 00:26:55,160

So in December 1961, the \$10 million Avro flying saucer program was officially scrapped.

318

00:26:55,160 --> 00:27:01,680

But some of the engineers who worked on the project did not totally abandon Frost's dream.

319

00:27:01,680 --> 00:27:09,640

There really is no aerodynamic future for a circular wing subsonically.

320

00:27:09,640 --> 00:27:15,160

Supersonically, with a few modifications and tweaking to its shape to make it a little

321

00:27:15,200 --> 00:27:22,200

more like a delta wing, one might see a possible outcome.

322

00:27:22,200 --> 00:27:27,720

John Frost always believed his original concept was achievable.

323

00:27:27,720 --> 00:27:33,720

Despite the unfavorable results of the Avro car testing, the work that John Frost had put

324

00:27:33,720 --> 00:27:38,640

into the supersonic project showed that in fact it could have flown.

325

00:27:38,640 --> 00:27:43,440

And unfortunately with the money eventually simply stopping, the company shut down the

326

00:27:43,440 --> 00:27:44,920

entire project.

327

00:27:44,920 --> 00:27:49,880

All the technology went back to the United States, who is the real owners now at that

328

00:27:49,880 --> 00:27:51,520

point.

329

00:27:51,520 --> 00:27:56,760

The highly classified flying saucer technology went to America.

330

00:27:56,760 --> 00:28:02,640

But were these apparent public failures covering up a more covert flying saucer project that

331

00:28:02,640 --> 00:28:10,280

later indeed would work?

332

00:28:10,280 --> 00:28:11,680

This is Jack Pickett.

333

00:28:12,040 --> 00:28:16,520

Forty years ago he was a publisher of U.S. military magazines.

334

00:28:16,520 --> 00:28:19,760

He even had positive security clearance.

335

00:28:19,760 --> 00:28:25,440

On a visit to McDill Air Force Base in Florida, he was convinced he saw real American Air

336

00:28:25,440 --> 00:28:27,080

Force flying saucers.

337

00:28:27,080 --> 00:28:29,720

There was no mistaking what they were.

338

00:28:29,720 --> 00:28:30,720

They were flying saucers.

339

00:28:30,720 --> 00:28:36,720

There were four of them parked in a row down at that restricted area of the base.

340

00:28:36,720 --> 00:28:44,480

They ranged in size from 20 feet across to about 45 feet to say 70 feet and then the

341

00:28:44,480 --> 00:28:48,080

biggest one was 119 feet across.

342

00:28:48,080 --> 00:28:49,920

Perfect circles.

343

00:28:49,920 --> 00:28:54,360

Jack Pickett had been invited to the Air Force Base to write an article on the recently

344

00:28:54,360 --> 00:28:56,920

decommissioned aircraft.

345

00:28:56,920 --> 00:29:01,720

Pickett was even shown some remarkable photographs of the aircraft in the hangar.

346

00:29:01,720 --> 00:29:07,120

He showed me photographs of many of these aircraft in flight in formation.

347

00:29:07,120 --> 00:29:12,600

He showed me photographs of them with jet escorts, regular type escorts, flying with

348

00:29:12,600 --> 00:29:14,680

them.

349

00:29:14,680 --> 00:29:18,920

Military researcher Michael Schrat has been investigating the Pickett story for the last

350

00:29:18,920 --> 00:29:20,920

10 years.

351

00:29:20,920 --> 00:29:24,360

This one was 119 feet across.

352

00:29:24,360 --> 00:29:29,800

Schrat has worked closely with Pickett to produce a series of photo reconstructions of the experimental

353

00:29:29,800 --> 00:29:34,000

aircraft which Pickett saw.

354

00:29:34,000 --> 00:29:40,440

What Pickett was shown seemed incredible, but he was assured that indeed these were real

355

00:29:40,440 --> 00:29:46,200

experimental flying saucers, and this was the evidence that they had actually flown.

356

00:29:46,200 --> 00:29:49,800

I said, well, how fast did they fly and how high?

357

00:29:49,800 --> 00:29:53,040

He says, well, we achieved spaceflight with them.

358

00:29:53,040 --> 00:29:59,120

And I asked him pointedly, any aircraft that flew that high and that fast, why are you

359

00:29:59,120 --> 00:30:00,120

discontinuing them?

360

00:30:00,120 --> 00:30:02,120

Why are you scrapping them?

361

00:30:02,120 --> 00:30:07,760

He says, well, we've designed better versions with less maneuverability problems.

362

00:30:07,760 --> 00:30:12,520

Pickett wrote his article and was ready to publish, but at the last moment the Air Force

363

00:30:12,520 --> 00:30:18,080

withdrew permission and took back all Pickett's photographs.

364

00:30:18,080 --> 00:30:22,160

He stands by his story and remains convinced of what he saw.

365

00:30:22,160 --> 00:30:25,560

Well, I saw the photographs of them in flight.

366

00:30:25,560 --> 00:30:29,680

I walked up and touched the actual aircraft themselves.

367

00:30:29,680 --> 00:30:34,120

I really examined them, and it was no question about it.

368

00:30:34,120 --> 00:30:38,960

It was a remarkable aircraft and it looked just exactly like what flying saucers are

369

00:30:38,960 --> 00:30:41,720

supposed to look like in between.

370

00:30:41,720 --> 00:30:47,280

Michael Schrat is convinced by all the evidence that indeed Jack Pickett's story is true.

371

00:30:47,280 --> 00:30:52,840

I believe that these were the original true authentic articles because I've spoken to

372

00:30:52,840 --> 00:30:54,640

Jack for over four years now.

373

00:30:54,640 --> 00:30:57,800

He's remained consistent throughout, never changed his story.

374

00:30:57,800 --> 00:31:03,680

The aircraft that Jack kicked the tires on were capable of 15,500 miles per hour, and

375

00:31:03,680 --> 00:31:09,440

I think that's one of the reasons why it's still classified to this day.

376

00:31:09,440 --> 00:31:15,880

Pickett's claims came against a background of heightened Cold War tensions.

377

00:31:15,880 --> 00:31:22,120

At the beginning of the 1960s, American U-2 pilot Francis Gary Powers was shot down on

378

00:31:22,120 --> 00:31:25,760

a spy mission over the Soviet Union.

379

00:31:25,760 --> 00:31:32,320

In Europe, the Soviets had built the Berlin Wall dividing east from west.

380

00:31:32,320 --> 00:31:37,800

And with the Cuban Missile Crisis, the world had come closer than ever before to nuclear

381

00:31:37,800 --> 00:31:45,360

catastrophe.

382

00:31:45,360 --> 00:31:51,480

As in the 1950s, popular culture reflected the fear and paranoia of the times, and again,

383

00:31:51,480 --> 00:31:55,320

it latched onto the threat from outer space.

384

00:31:55,320 --> 00:31:59,760

The nations of the world mobilized their armed might, rushing to defend the Earth against

385

00:31:59,760 --> 00:32:03,240

the unknown weapons of the super race from the Red Planet.

386

00:32:03,240 --> 00:32:05,800

There was suddenly a wave of UFO sightings.

387

00:32:05,800 --> 00:32:10,440

We jumped out of the car and stood by the side of the road just as this thing passed

388

00:32:10,440 --> 00:32:14,600

over our heads, barely above the greenhouse.

389

00:32:14,600 --> 00:32:33,800

I've been researching the Earth for the last 25 years, and I do believe that most of us

390

00:32:33,800 --> 00:32:40,680

of the witnesses are real-world people having seen something strange in the sky.

391

00:32:40,680 --> 00:32:47,200

Most of the times, they have seen man-made phenomena or natural phenomena, like with

392

00:32:47,200 --> 00:32:52,200

the balloons, planets, satellites, re-entries, stuff like that.

393

00:32:52,200 --> 00:33:01,600

But there is actually a small but significant percentage of sightings that cannot find any

394

00:33:01,600 --> 00:33:04,040

explanation at this time.

395

00:33:04,040 --> 00:33:09,920

But there was one explanation for these mysterious UFO sightings, and it didn't involve extraterrestrial

396

00:33:09,920 --> 00:33:10,920

creatures.

397

00:33:10,920 --> 00:33:19,720

I'm a great cynic about UFOs, and I would say in a single sentence that practically every

398

00:33:19,720 --> 00:33:27,280

UFO, other than those that are being taken by using source fan lids, every UFO other

399

00:33:27,280 --> 00:33:32,280

than those has probably been under contract to the U.S. Air Force.

400

00:33:32,280 --> 00:33:38,160

In the 1960s, Alan Brown was working at the Lockheed Secret Experimental Skunk Works in

401

00:33:38,160 --> 00:33:40,520

the Nevada desert.

402

00:33:40,520 --> 00:33:44,800

It was a time when both Russia and America were afraid of each other's nuclear strike

403

00:33:44,800 --> 00:33:48,040

capabilities.

404

00:33:48,040 --> 00:33:53,280

The Russians relied heavily on satellite technology to spy on the United States.

405

00:33:53,280 --> 00:33:59,840

The Americans invested mainly on man-surveillance aircraft.

406

00:33:59,840 --> 00:34:05,240

Lockheed had built the top-secret U-2 high-altitude spy aircraft, designed for covert surveillance

407

00:34:05,240 --> 00:34:07,880

over Soviet territory.

408

00:34:07,880 --> 00:34:11,480

But it was vulnerable to enemy radar.

409

00:34:11,480 --> 00:34:18,680

When the first U-2 was shot down over Russia by surface-to-air missiles, it was recognized

410

00:34:18,680 --> 00:34:23,920

even before that time that the U-2's life probably wasn't going to be very long because

411

00:34:23,920 --> 00:34:27,960

it was not designed from a stealth point of view, and it was seen that they would have

412

00:34:27,960 --> 00:34:32,840

to do something pretty drastic to make improvements.

413

00:34:32,840 --> 00:34:39,320

Using saucer technology might produce the ultimate aircraft, one invisible to radar.

414

00:34:39,320 --> 00:34:43,000

A competition was started to replace the U-2.

415

00:34:43,000 --> 00:34:48,440

Lockheed in fact won the contract, and I was involved with that in an airplane called Havv

416

00:34:48,440 --> 00:34:55,640

Blue, and the program did change very quickly from a confidential clearance to a top-secret

417

00:34:55,640 --> 00:35:01,320

clearance when it was realized just the enormity of what could be done with an airplane which

418

00:35:01,320 --> 00:35:04,200

was essentially invisible to radar.

419

00:35:04,200 --> 00:35:10,520

Over the next ten years, shrouded in secrecy, a new generation of stealth fighters was rigorously

420

00:35:10,520 --> 00:35:16,040

tested in Area 51, the U.S. government flight test base in Nevada.

421

00:35:16,040 --> 00:35:24,000

There's no question that you have to have large-scale testing over a large area, which

422

00:35:24,000 --> 00:35:28,500

means that there's going to be people on the periphery who are seeing these funny-looking

423

00:35:28,500 --> 00:35:33,540

objects flying around, which immediately get reported in the popular press as coming

424

00:35:33,540 --> 00:35:42,300

from Mars, Saturn, or you name it.

425

00:35:42,300 --> 00:35:45,580

So Jack Pickett's story might be true.

426

00:35:45,580 --> 00:35:49,820

Throughout this period, it was the U.S. Air Force that was developing aircraft capable

427

00:35:49,820 --> 00:35:57,740

of evading enemy radar, just what the pioneers of flying saucer technology always promised.

428

00:35:57,740 --> 00:36:03,260

Once more, twelve years later, there was another witness who seemed to confirm Jack Pickett's

429

00:36:03,260 --> 00:36:04,500

account.

430

00:36:04,500 --> 00:36:10,780

Warren Botts, an ex-eighth Air Force pilot, saw an identical flying saucer aircraft hidden

431

00:36:10,780 --> 00:36:17,140

in a restricted hangar while visiting Wright-Patterson Air Force Base for a pilot's reunion.

432

00:36:17,140 --> 00:36:29,620

In my surprise, I saw this huge disc airplane and was almost wall-to-wall in circumference

433

00:36:29,620 --> 00:36:34,660

and it was jet-powered from what I saw.

434

00:36:34,660 --> 00:36:41,300

I started to walk over to look at it, not thinking anything about it, and a guard, an

435

00:36:41,300 --> 00:36:46,420

armed guard stopped me and told me I'm not allowed to be in there.

436

00:36:46,420 --> 00:36:56,260

So I left, but I did see a large circular airplane in there.

437

00:36:56,260 --> 00:37:01,660

Michael Schrat now had personal testimony from a second witness of the highly classified

438

00:37:01,660 --> 00:37:02,660

flying saucer.

439

00:37:02,660 --> 00:37:08,380

He briefly described the exact same aircraft that Jack Pickett had seen and described other

440

00:37:08,380 --> 00:37:11,180

features that Jack didn't describe.

441

00:37:11,180 --> 00:37:16,540

So when I put these two men together, then I knew I was dealing with a real subject.

442

00:37:16,540 --> 00:37:21,180

Despite much skepticism, Warren Botts, like Pickett, remains convinced.

443

00:37:21,180 --> 00:37:28,540

People that I've spoke to since that time said it never existed, which I think they're

444

00:37:28,540 --> 00:37:31,140

wrong because I know what I saw.

445

00:37:31,140 --> 00:37:35,100

I believe that we do have flying saucers.

446

00:37:35,100 --> 00:37:39,860

They did exist and they do exist now.

447

00:37:39,860 --> 00:37:46,260

What both men had seen was remarkably similar to the final John Frost Avrocar design, which

448

00:37:46,260 --> 00:37:50,300

the American military had reported as abandoned.

449

00:37:50,300 --> 00:37:55,180

Many believe that far from being abandoned, research into flying saucer technology had

450

00:37:55,180 --> 00:37:56,700

continued.

451

00:37:56,700 --> 00:38:02,060

I think it's definitely being experimented today because not only can get to your enemy

452

00:38:02,060 --> 00:38:09,300

completely unannounced, but you have radar invisibility, you've got the acoustic invisibility,

453

00:38:09,300 --> 00:38:15,460

no runways necessary, you have the potential to fly outside our atmosphere into space,

454

00:38:15,460 --> 00:38:22,660

and that is the holy grail that the U.S. Air Force always had wanted from the beginning.

455

00:38:22,660 --> 00:38:30,740

This still remains much classified material on the development of flying saucer technology.

456

00:38:30,740 --> 00:38:36,140

But by the end of the century, American scientists and engineers had fulfilled many of the hopes

457

00:38:36,140 --> 00:38:38,620

and dreams of flying saucers.

458

00:38:38,620 --> 00:38:45,500

A fighting machine that could travel at supersonic speed undetected by radar based not on a circular

459

00:38:45,500 --> 00:38:54,740

disk but a pyramid.

460

00:38:54,740 --> 00:39:01,940

For a period of 15 years, this revolutionary aircraft was classified as a black project,

461

00:39:01,940 --> 00:39:05,460

one of America's best kept secrets.

462

00:39:05,460 --> 00:39:12,060

This was the ultimate real UFO, a supersonic strike aircraft, which flew like a jet but

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00:39:12,060 --> 00:39:15,700

with stealth unseen by radar.

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00:39:15,700 --> 00:39:20,020

In 1988, the Americans decided to reveal it to the world.

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00:39:20,020 --> 00:39:27,540

There's an interesting aspect to the reason why the F-117 was exposed to the public at

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00:39:27,540 --> 00:39:30,460

the end of 1988.

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00:39:30,460 --> 00:39:36,220

The airplanes had been restrained to only flying at night, so the pilots are stuck into

468

00:39:36,220 --> 00:39:43,100

this airplane on a totally dark airfield in the middle of Nevada, and we in fact did finish

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00:39:43,100 --> 00:39:50,700

up losing a couple of pilots by just purely being disoriented in night flying.

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00:39:50,700 --> 00:39:55,380

At that point, the Air Force decided it had better start flying during the day, and if

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00:39:55,380 --> 00:40:00,140

it was going to do that, it was going to give some indication of what was flying, so we

472

00:40:00,140 --> 00:40:05,940

weren't going to get a whole raft of more UFO reports.

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00:40:05,940 --> 00:40:11,340

In order to evade radar and surface to air missiles, the Lockheed Stealth Fighter, the

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00:40:11,340 --> 00:40:17,340

F-117, adopted some of the concepts of the flying saucer.

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00:40:17,340 --> 00:40:25,100

Principally the idea of the shape of the aircraft determined its visibility to enemy radar.

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00:40:25,100 --> 00:40:31,580

We got a radar cross-section that was substantially better than anybody ever expected, and the main

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00:40:31,580 --> 00:40:37,580

reason was that we took a different approach to analyzing stealth than had been done in

478

00:40:37,580 --> 00:40:44,420

the past, and found out that basically a very shallow pyramidal shape with highly swept

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00:40:44,420 --> 00:40:51,860

back edges gave a much lower cross-section than anything had been done before.

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00:40:51,860 --> 00:40:59,220

In one year of the stealth fighter being declassified, the Soviet Empire began to disintegrate.

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00:40:59,220 --> 00:41:05,100

On November the 9th, 1989, with the collapse of the Berlin Wall, the borders between East

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00:41:05,100 --> 00:41:07,620

and West Germany were open.

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00:41:07,620 --> 00:41:12,740

The Cold War effectively had come to an end.

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00:41:12,740 --> 00:41:17,980

But it wasn't long before the stealth fighter saw its first combat spearheading the assault

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00:41:17,980 --> 00:41:21,460

against a new enemy in the Iraq War.

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00:41:21,460 --> 00:41:26,860

Its invisibility to radar, combined with precision bombing, shocked the world.

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00:41:26,860 --> 00:41:32,260

We could go in there, drop the bombs exactly at the altitude we wanted to, with enormous

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00:41:32,260 --> 00:41:39,300

precision, and take out exactly the targets we needed without being seen.

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00:41:39,300 --> 00:41:45,700

And the whole of the Gulf War in the 1991 period was conducted where we had thousands

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00:41:45,700 --> 00:41:50,740

of sorties and we didn't even get a scratch on one of our airplanes.

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00:41:50,740 --> 00:41:55,580

The unique abilities of the stealth fighter were demonstrated in the Gulf War, but there

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00:41:55,580 --> 00:41:58,460

remained one basic failing.

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00:41:58,460 --> 00:42:03,780

It had to be designed around the needs of a pilot.

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00:42:03,780 --> 00:42:06,460

Future fighting machines are going to be pilotless.

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00:42:06,460 --> 00:42:17,420

I think the cost politically and morally of losing highly trained crew these days seems

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00:42:17,420 --> 00:42:23,700

to point in the direction of UAVs, unmanned area vehicles.

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00:42:23,700 --> 00:42:28,100

There is nothing new about the concept of pilotless aircraft.

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00:42:28,100 --> 00:42:33,580

From the early days of flight, many have experimented with the idea.

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00:42:33,580 --> 00:42:36,220

Some with a degree of success.

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00:42:36,220 --> 00:42:42,780

The development of unmanned spaceflight has opened up future aviation possibilities.

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00:42:42,780 --> 00:42:46,460

The biggest issue in the future is certainly unmanned aircraft.

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00:42:46,460 --> 00:42:52,620

And we can also go down to miniaturized airplanes, which are the order of six inches in diameter,

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00:42:52,620 --> 00:42:54,260

and fly those into buildings.

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00:42:54,260 --> 00:42:59,300

And in fact, the whole scope of what can be done in the future is just enormous.

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00:42:59,300 --> 00:43:01,140

It's mind-boggling.

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00:43:01,140 --> 00:43:07,260

The future is perhaps in this new generation of flying machines.

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00:43:07,260 --> 00:43:14,500

The latest Sikorsky aerobot is capable of high speed hovering, vertical takeoff, and

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00:43:14,500 --> 00:43:16,500

landing.

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00:43:16,500 --> 00:43:22,300

But these vehicles seem a long way from the dreams of Hitler's flying saucer engineers.

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00:43:22,300 --> 00:43:27,980

Machines on the edge of science fiction, capable of phenomenal supersonic speed.

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00:43:27,980 --> 00:43:31,980

Perhaps the science of flying saucers was never a reality.

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00:43:32,940 --> 00:43:38,860

As long as you stay close to the ground, you've got yourself an efficient lifting device.

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00:43:38,860 --> 00:43:43,740

It does not make an efficient wing in free air at all.

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00:43:43,740 --> 00:43:46,540

It's just not an efficient shape.

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00:43:46,540 --> 00:43:52,340

And only flying saucers from outer space have been able to do anything with it.

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00:43:52,340 --> 00:43:57,300

And I think they're probably just a figment of the imagination.

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00:43:57,300 --> 00:44:02,860

Sikors insist not only that the dream of flying saucer technology is possible, but

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00:44:02,860 --> 00:44:06,860

that concealed from us all, it has already been achieved.

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00:44:06,860 --> 00:44:12,220

I think that this is the biggest secret that the U.S. Air Force has, and I believe it's

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00:44:12,220 --> 00:44:18,220

high time that the facts about the U.S. Air Force jet-powered flying wing disc program

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00:44:18,220 --> 00:44:19,900

be declassified.

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00:44:19,900 --> 00:44:24,460

There's absolutely no threat to the national security, and it's time that this bird come

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00:44:24,460 --> 00:44:26,660

into the light.

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00:44:26,660 --> 00:44:32,620

Some of the latest inventions are now in the public domain, but a great many remains secret,

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00:44:32,620 --> 00:44:39,500

fueling more speculation over UFO sightings across our skies.

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00:44:39,500 --> 00:44:43,740

The dream of the ultimate flying machine is still unfulfilled.