

Give your customers more ways to pay online.
Help boost sales by letting them pay with plastic or PayPal. Set up in minutes.

[Learn More](#)

AdChoices

CONTRIBUTOR

Groundbreaking UFO Video Just Released By Chilean Navy

01/05/2017 11:19 am ET | Updated 17 hours ago



Like 12K

Leslie Kean  

Investigative Journalist and Author

An exceptional nine-minute Navy video of a UFO displaying highly unusual behavior, studied by Chilean authorities for the last two years, is now being released to the public. The [CEFAA](#) - the Chilean government agency which investigates UFOs, or UAP (unidentified aerial phenomena), has been in charge of the investigation. Located within the [DGAC](#), the equivalent of our FAA but under the jurisdiction of the Chilean Air Force, CEFAA has committees of military experts, technicians and academics from many disciplines. None of them have been able to explain the strange flying object captured by two experienced Navy officers from a helicopter.

The Chilean government agency always makes its cases public when an investigation is complete, and acknowledges the existence of UAP when a case merits such a conclusion.

General Ricardo Bermúdez, Director of CEFAA during the investigation, told me that “We do not know what it was, but we *do* know what it was *not*.” And “what it is not” comprises a long list of conventional explanations. Here is what happened:

On November 11, 2014, a Chilean Navy helicopter (Airbus Cougar AS-532) was on a routine daytime patrol mission flying north along the coast, west of Santiago. On board were the pilot, a Navy Captain with many years of flying experience, and a Navy technician who was testing a [WESCAM's MX-15 HD Forward Looking Infra Red \(FLIR\) camera](#), used most often for “medium-altitude covert intelligence, surveillance and reconnaissance,” according to the product website. The aircraft was flying at an altitude of approximately 4,500

FOR DREAMS
THAT GO BEYOND THE
CAR
ITSELF.



GET A QUOTE

AdChoices

LENDINGTREE

Two Cards Are Now Paying An Insane 10% Cash Back

SUBSCRIBE TO &
FOLLOW THE MORNING



Groundbreaking UFO Video Just Released By Chilean Navy



above at 10,000 feet, and a layer of stratuscumulos clouds below. The helicopter was flying at about 132 knots, or 152 mph.



EVOGOL AT ENGLISH WIKIPEDIA

A Chilean Navy AS 532SC Cougar helicopter in Mejillones, Chile.

At 1:52 pm, while filming the terrain, the technician observed a strange object flying to the left over the ocean. Soon both men observed it with the naked eye. They noticed that the velocity and the altitude of the object appeared to be about the same as the helicopter, and estimated that the object was approximately 35 to 40 miles (55-65 km) away. It was traveling W/NW, according to the Captain. The technician aimed the camera at the object immediately and zoomed in with the infra red (IR) for better clarity.

The Morning Email helps you start your workday with everything you need to know: breaking news, entertainment and a dash of fun. [Learn more](#)

✉ Newsletter

address@email.com

[Subscribe Now](#)



1.7 M



114 K



462 K



Podcast

Add us on Snapchat

**OBAMA URGES
HOMEOWNERS
TO PAY OFF
THEIR HOUSE AT
A FURIOUS PACE
IF THEY HAVE
NOT MISSED A
PAYMENT IN 6
MONTHS**

If you owe less than \$300,000 on your home, use Obama's once in a lifetime mortgage relief program. The program is totally free and doesn't add any cost to your refi. The bad news is that it expires in 2017. You'll be shocked when you see how much you can save.

TAP YOUR AGE:

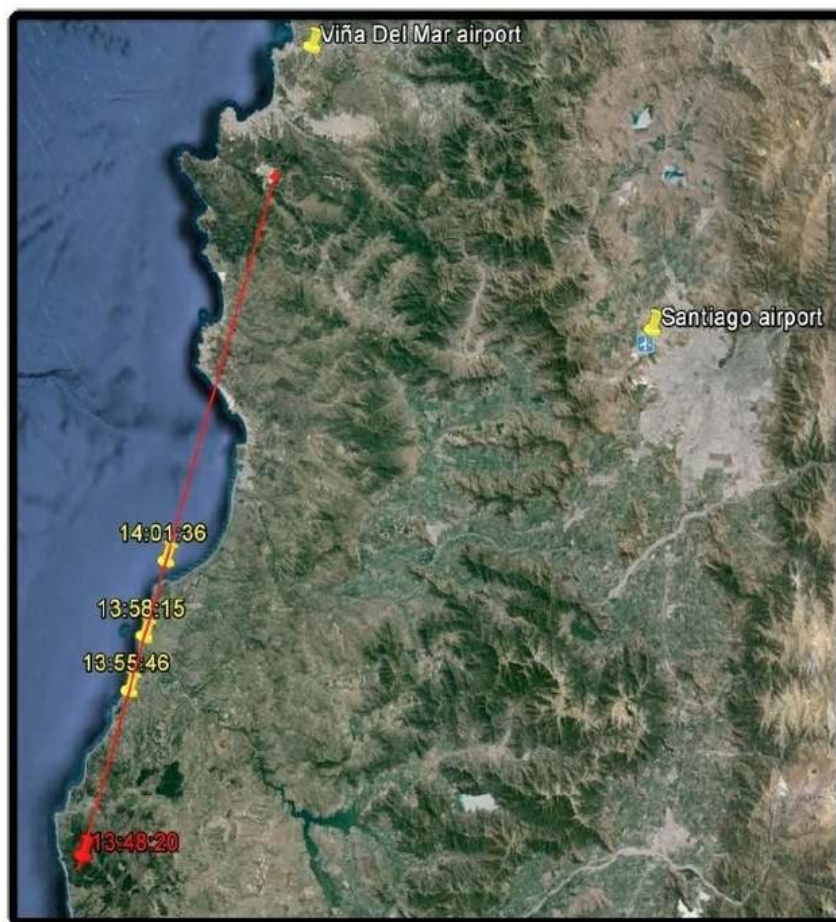
TAP YOUR AGE: TAP YOUR AGE: TAP YOUR AGE:
18-25 26-35 36-45
TAP YOUR AGE: TAP YOUR AGE: TAP YOUR AGE:
46-55 56-65 OVER 65

Calculate New House Payment

©2016. WALSH & RETZKE, LLC. www.walshandretzke.com | Lower My Bills.com

AdChoices





COURTESY CEFAA

The route of the helicopter derived from the displayed geographic coordinates displayed on the camera.

Shortly thereafter, the pilot contacted two radar stations - one close by on the coast, and the other the main DGAC Control system (Ground Primary Radar) in Santiago - to report the unknown traffic. Neither station could detect it on radar, although both easily picked up the helicopter. (The object was well within the range of radar detection.) Air traffic controllers confirmed that no traffic, either civilian or military, had been reported in the area, and that no aircraft had been authorized to fly in the controlled air space where the object was located. The on-board radar was also unable to detect the object and the camera's radar could not lock onto it.

The pilot tried several times to communicate with the UAP, using the multi-national, civilian bandwidth designed for this purpose. He received no reply.

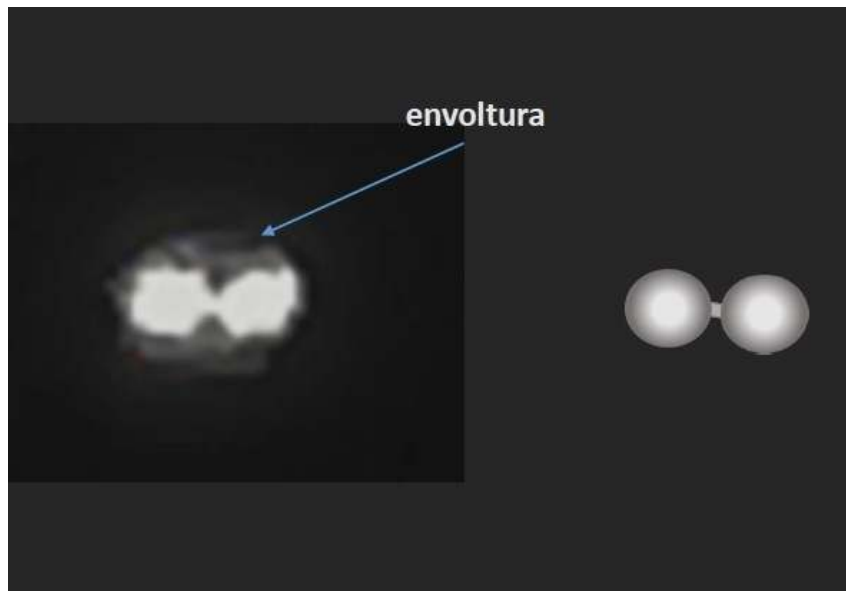
The technician filmed the object for nine minutes and twelve seconds, mainly in IR. This sensor produces a black and white video in which the black, white and grey tones are directly related to temperature. IR detects heat, and the hotter the material being filmed, the darker it appears on the image. The officers stopped the camera when they had to return to the base and the object disappeared behind the clouds.

The Navy immediately turned over the footage to the CEFAA, and General



base. "I was very impressed by these witnesses," Avila told me. "They were highly trained professionals with many years experience, and they were absolutely certain that they could not explain what they saw." Both officers also provided written reports at the base, as is required, and for CEFAA.

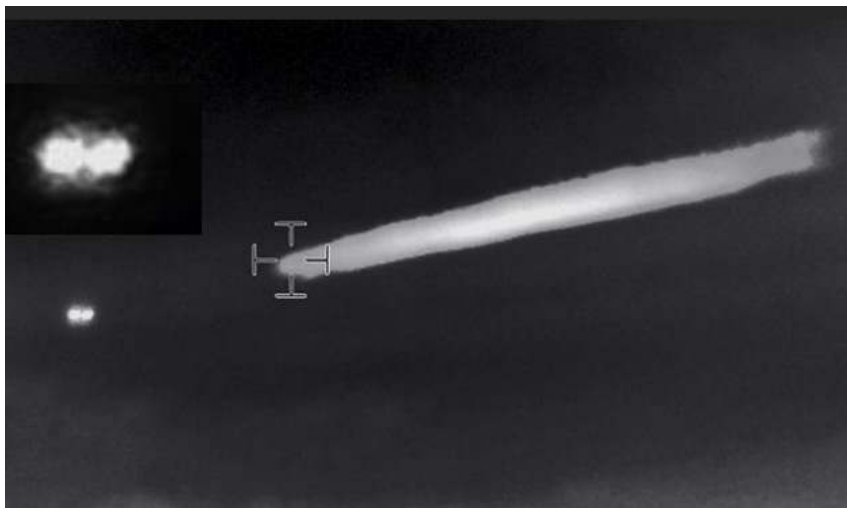
The Navy Captain stated that the object was a "flat, elongated structure" with "two thermal spotlights like discharges that did not coincide with the axel of motion." The technician described it as as "white with a semi-oval shape on the horizontal axis."



COURTESY CEFAA

The video depicts two connected white circular lights or hot spots, giving off much heat (left). This image was part of an analysis by astrophysicist Luis Barrera. "Envoltura" means "envelope."

But there is one additional component that makes this footage particularly unique: "In two instances it discharged some type of gas or liquid with a high thermal track or signal," the technician stated. After filming for about eight minutes, the stunning ejection of a massive plume of a very hot material is captured on the video, trailing behind the object. (The plume blended into the clouds when seen in HD.) Another ejection occurred moments later. It is indeed bizarre to watch this on the video.



COURTESY CEFAA

The object moved away from the massive plume it ejected just moments earlier.

Following are the three key video excerpts in chronological order; later I include the full ten minute video. Note that at times the camera switches from IR to HD mode. I recommend watching these silent video clips on a large monitor.

The first one shows the object in motion. The camera captured this for about eight minutes prior to the spectacular display in the next video. *(Click “back to youtube video” at the end to prevent a new unrelated video from starting.)*

Navy clip object alone (see Leslie Kean's article for backstory)



This clip shows the first expulsion of the hot material from the object and the object's movement away from the plume:

Navy clip first expulsion (see Leslie Kean's article for backst...





The second expulsion occurred at the end of the video:

Navy clip final (see Leslie Kean's article for backstory)



During the following two years, at least eight somewhat contentious meetings were held with members of the baffled CEFAA scientific committee, some of which included the active Air Force General who directs the DGAC. According to CEFAA international affairs director Jose Lay, the general tone of the meetings was astonishment: "What the hell is that?" No agreement could be reached to explain the video - theories that were proposed were ruled out by the data.



COURTESY CEFAA

A rather somber meeting of the CEFAA scientific and military committee to discuss the Navy video. The DGAC Director presided (with his back to the camera).

Written reports or video analyses were provided by the well-known astrophysicist Luis Barrera; an image expert from the Air Force photogrammetric service; photo and video analyst Francois Louange and colleagues from France, arranged through the French agency GEIPAN; Luis Salazar, Chilean Air Force meteorologist; a DGAC aeronautic engineer; a digital images specialist from the National Museum of Aeronautics and Space in Santiago; and Mario Avila, a nuclear chemist. All radar, satellite weather data, and details of air traffic in that sector at that time were provided.





COURTESY CEFAA

DGAC's Director, Air Force General Victor Villalobos, attended two committee meetings on the case.

The French analysts proposed that the object was a “medium-haul aircraft” coming in for a landing into the Santiago airport, and “the effluent trail observed on two occasions probably results from dumping some cabin waste water, forming a plume oriented along the local wind blowing from the west.” They based this on their calculation that the distance between the two hot spots was “consistent with the standard distance between the two jet engines of a medium-haul aircraft.”

Chilean experts knew that this would have been impossible, for a number of reasons: This plane would have been seen on primary radar; it would have had to be cleared for landing in Santiago or at another airport; it would likely have responded to radio communications. Airplanes do not throw out water when landing. In fact, in Chile a plane wishing to eject any material must request permission from the DGAC before doing so; that regulation is widely known and respected. And, it seems unlikely that this experienced pilot would not have recognized this as an airplane, or at least kept that option open afterwards if it were a possibility.

In fact, if - hypothetically - water was expelled, it would have immediately plummeted to the ground given the warm air temperature. According to [NASA](#), “Contrails are human-induced clouds that usually form at very high altitudes (usually above 8 km - about 26,000 ft) where the air is extremely cold (less than -40°C). Because of this, contrails form not when an airplane is taking off or landing, but while it is at cruise altitude.” The plume ejected from the object must have been some kind of gas or energy, and was not something tangible like water.

The French calculations confirmed that the UAP's altitude was the same as



and his colleagues determined that the average distance between the helicopter and the object was “almost exactly the estimated value reported by the Navy (55 km).” Clearly the two witnesses were competent and accurate observers.

Data from the various reports eliminate other conventional explanations. Meteorologists determined that no weather balloons were in the sky at that time, and noted that a balloon would not move horizontally along with the plane because the wind was blowing from the west towards the shore. Comparing the footage to similar IR satellite imagery with known temperature values, they stated that the object’s temperature must have been higher than 122 degrees F (50 C). The object was not a drone; all drones require registration with the DGAC and whenever flown, the DGAC is informed, just like it is with aircraft. Also, radar would register drones. CEFAA staff went up the chain of command to a Navy Admiral who informed them that there were no joint Naval exercises underway with the US or any other country. The Admiral confirmed that this could not have been a US drone, or any type of espionage or secret vehicle from a foreign country.

Astrophysicist [Barrera](#) explored the possibility of space junk re-entry - especially Russian - which somehow may have broken and released compressed gases at this low altitude. It was confirmed that no space debris entered the atmosphere on that date in that location, and in any case, such an object would have fallen rapidly and not flown horizontally. Two independent experts on explosives told CEFAA staff that in such a scenario, the rounded vehicle would explode in the air due to the high internal pressure, and that the gas would catch fire in a flash. And any such re-entries would have been communicated to the Chilean government so that aircraft can be warned, as is the protocol.

Barrera also noted that when the first ejection event occurred, the material came out from two different parts of the object and then joined in space making one wake. The first was massive and dark in the IR (meaning very hot); the second lighter and semi-transparent.

Air Force photo analysts confirmed that the object was a real, three dimensional form with volume and that it “has control in its movements.” It was not affected by the winds, reflected the light, and threw out “some kind of energy.” They established that there was no evidence of hoaxing or of “alteration of the video by any computer application in the editing and processing of the images.” They also ruled out a bird, flying insect, drone, parachute or hang glider. “It can be concluded that the object has all the characteristics to be classified as an unidentified aerial phenomenon” wrote Alberto Vergara, the lead analyst from the Air Force Photogrammetric Department.

It is unclear how much of the apparent horizontal motion of the object may be the clouds moving or the relative motion of the camera on the helicopter, but



mode, the large plume looked like part of the cloud and would never be noticed as anything unusual by an observer. Without the IR camera, it would have been difficult to see the white object against the sky and impossible to capture this remarkable footage. It makes one wonder what kind of activities may take place within clouds that are unknown to us.

Here is the full ten minute video of the sighting:

Chile Helicopter UFO - FULL (see Leslie Kean's article for ba...



"This has been one of the most important cases in my career as director of CEFAA because our Committee was at its best," General Bermúdez said in an email. "The CEFAA is well regarded partly because there is full participation from the scientists of the academic world, the armed forces through their representatives, and the aeronautic personnel from the DGAC, including its Director. I am extremely pleased as well with the conclusion reached which is logical and unpretentious." The official conclusion was that "the great majority of committee members agreed to call the subject in question a UAP (Unidentified Aerial Phenomenon) due to the number of highly researched reasons that it was unanimously agreed could not explain it."

This case represents one of the most puzzling and fascinating of all cases in the CEFAA files, according to Jose Lay. "It is our first video taken with a sophisticated camera in the infra red; the first time we have ever seen the ejection of a substance from a UAP; the first time we have a sighting lasting over nine minutes with two highly reliable witnesses," he said when we spoke.



OPENMINDS.TV/CEFAA

General Ricardo Bermúdez has directed the CEFAA since its inception in 1997. He retired on Jan. 1, 2017, but will remain an advisor to the agency.

The CEFAA has been a world leader in official and open investigations of UFOs. I have been privileged to work closely with the staff there for about five years, learning a great deal. At the end of December, General Bermúdez retired, and although he remains an external advisor to the agency, Lay has assumed the duty of interim director until another General is appointed by the DGAC. I am grateful to General Bermúdez for giving me access to the outstanding CEFAA case files, inviting me to attend meetings there, and for his time in answering my questions. He has left a tremendous legacy with regards to the serious study of UAP and the official recognition of a real unexplained phenomenon in our skies.

More: [Ufo](#) [Paranormal](#) [UFO News](#)

[Comments](#)

YOU MAY LIKE

Sponsored Links by Taboola

Jessica Alba and Angelina Jolie Love This \$285 Leather Tote

WhoWhatWear | Everlane

Evansville, Indiana Residents Born Between 1936 And 1966 Wish They Knew This



Groundbreaking UFO Video Just Released By Chilean Navy



First Pics: See the New Cars of 2017

Kelley Blue Book

Stop Paying Retail Prices For Designer Apparel

Cosmopolitan | The RealReal

Living with an Ostomy: Two Patients Speak Out

Mediaplanet

This Puppy Was Going To Be Euthanized. What She Did Will Bring Tears To Your Eyes!

ViralNova.com

Around The Web

Powered By ZergNet



Zookeepers Caught in Bizarre Love Triangle



The Real Reason Why Beanie Babies Disappeared



Bizarre Things That Never Made Sense About JFK's Death

CONVERSATIONS



Groundbreaking UFO Video Just Released By Chilean Navy



12 Comments

Sort by Top

Add a comment...

**Jose Duarte**

chile is telling us the truth...now the others so called experts from france and usa are trained TO SAY ITS NOT AN UFO!!!! finally someone swho will tell us the truth CHILE GOVERNMENT serving there people with information on ufos THANK YOU CHILE IN YOU WE TRUST!!!!

Like · Reply · 7 · 11 hrs

**Gary Denton** · Clerk at NHS

So the question is, why, given that this UAP was filmed for 10 minutes, didn't the Chilean Air Force send an aircraft to investigate, especially given that this incident took place in controlled airspace and near the country's capital city?

Like · Reply · 6 · 17 hrs

**Mike Christman**

Nobody had anything on radar. Neither the controllers, nor the helicopter's own radar system, showed anything. I doubt that Chile has jets on alert for an immediate interception 24/7, but even if they did, I can understand a CAF base commander balking at launching an intercept when the controllers have no radar returns, can't even vector the intercept jets properly, and your operating in a high traffic area with multiple inbounds and outbounds. Besides, the helicopter was from the CAF itself, and they got excellent footage with their onboard FLIR camera, so why bother launching anything more?

Like · Reply · 25 · 15 hrs · Edited

**Armando Salgado** · Works at Student

Mike Christman, well said.

Like · Reply · 4 hrs

**Bobby Bunton** · Works at Jefferson Lab

according to the article it was on the helecopters radar

Like · Reply · 3 hrs

[Show 2 more replies in this thread](#)**John Burke** · Publisher at [Http://thecenterlane.com/](http://thecenterlane.com/)

Analysis of the "stuff" emanating from the craft should have been an important public safety concern. Could it have been some toxin, intended to cause disease? Was it some sort of drug to induce mass mind control? ... Or were they just flushing their toilet?

Like · Reply · 3 · 14 hrs

**Muhammad Abbass** · Murdoch University

I'd say your number three and the two different plumes, one hot and solid and the other warm and transparent are their numbers one and two being expelled separately.

Like · Reply · 4 hrs

**Bryan Mallon**

when I see Leslie Kean's name regarding UFO/UAP it gets my attention. excellent article.

Like · Reply · 5 · 17 hrs

**Norm Gnlort**

even if its a UFO that doesn't mean we should believe it isn't true, considering what UFO stands for

Like · Reply · 1 · 5 hrs

**Rider East** · Warehouseman at Erie Logistics

Emanating fumes if found would be good to no fuel source ,what kind

Like · Reply · 10 hrs

[Load 6 more comments](#)

[Advertise](#) [RSS](#) [Careers](#) [FAQ](#)

[User Agreement](#) [Privacy](#) [Comment Policy](#) [About Us](#) [About Our Ads](#) [Contact Us](#) [Archive](#)

Copyright © 2017 TheHuffingtonPost.com, Inc. "The Huffington Post" is a registered trademark of TheHuffingtonPost.com, Inc. All rights reserved.

Part of HuffPost • HPMG News