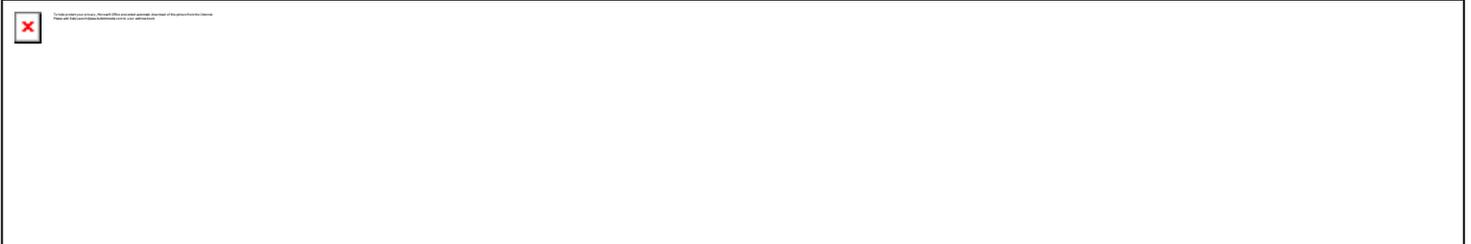


## Freedom of Information

---

**From:** AIAA Daily Launch <DailyLaunch@aiaa.bulletinmedia.com>  
**Sent:** Friday, 25 June 2021 10:56 PM  
**To:** s 47F  
**Subject:** 25 June 2021: SpaceX Delays Launch Of Transporter-2 Mission.

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Good morning s 47F

– Brought to You as a Benefit of Your AIAA Membership

June 25, 2021

## LEADING THE NEWS

---

s 22

*One page removed under s22 of the FOI Act as irrelevant information*

## LEGISLATION AND POLICY

---

## US Government To Release Report On UFOs

[Reuters](#) (6/24) reports that the US government “is poised to issue an expansive account of what it calls ‘unidentified aerial phenomena,’ based heavily on observations by American military pilots.” The intelligence community, “in conjunction with the Pentagon, is due in the coming days to submit a report to Congress on the subject.” The forthcoming “report marks a turning point for the U.S. military after decades of deflecting, debunking and discrediting observations of unidentified flying objects and ‘flying saucers.’” The [Washington Post](#) (6/24) reports that while it “reportedly will not offer firm conclusions as to what the UAPs might be,” the report “has had many in the UFO community buzzing with anticipation. Some think it could mark a sea change in how the public considers the possibility of UFOs and all the implications that come with them.”

## ALSO IN THE NEWS

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## THURSDAY'S LEAD STORIES

s 22

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**From:** AIAA Daily Launch <DailyLaunch@aiaa.bulletinmedia.com>  
**Sent:** Tuesdav. 29 June 2021 12:12 AM  
**To:** s 47F  
**Subject:** 28 June 2021: Virgin Galactic Becomes First Company To Receive Approval From FAA To Conduct Commercial Space Flights.

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Good morning s 47F

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June 28, 2021

## LEADING THE NEWS

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s 22

*Three pages removed under s22 of the FOI Act as irrelevant information*

## LEGISLATION AND POLICY

---

### **Nature Of UFO Sightings Observed By Military Pilots Remains Unclear, Government Report Says**

[Reuters](#) (6/25) reported that the Office of the Director of National Intelligence in conjunction with a U.S. Navy-led unidentified aerial phenomena (UAP) task force released a major report on unidentified flying objects (UFOs), which said, "Defense and intelligence analysts lack sufficient data to determine the nature of mysterious flying objects observed by military pilots including whether they are advanced earthly technologies, atmospheric or of an extraterrestrial nature." The findings, "submitted to Congress and released to the public... [describe] 144 observations of what the government officially refers to as 'unidentified aerial phenomenon,' or UAP, dating back to 2004."

[Bloomberg](#) (6/25) reported that the "report calls for an effort to 'standardize the reporting, consolidate the data and deepen the analysis' of UAP occurrences, saying reported events probably fall into a swath of categories." This would include "airborne clutter, like birds and balloons, natural atmospheric phenomena and even 'foreign adversary systems.'" However, "in a move that will surely be noted by believers in alien life and conspiracy theorists, there's a final 'other' category for events that the report describes as a 'catch-all' for unexplained events."

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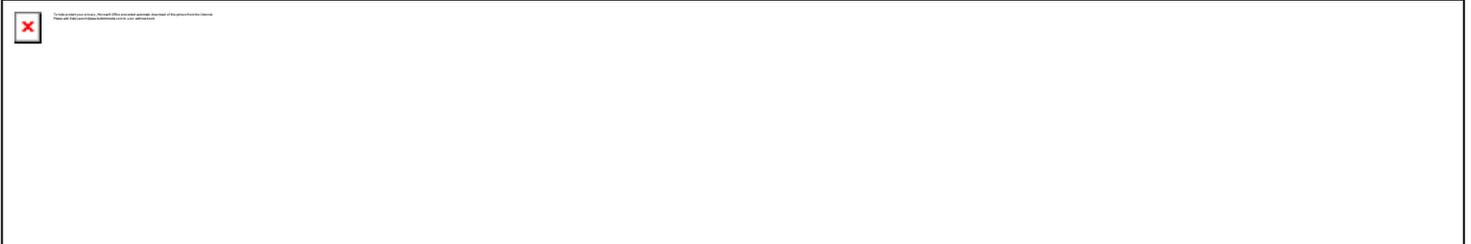
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**From:** AIAA Daily Launch <DailyLaunch@aiaa.bulletinmedia.com>  
**Sent:** Tuesdav. 29 June 2021 10:57 PM  
**To:** s 47F  
**Subject:** 29 June 2021: United Orders 200 737 MAX Jets, 70 A321neos.

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Good morning s 47F

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June 29, 2021

## LEADING THE NEWS

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s 22

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s 22

## MONDAY'S LEAD STORIES

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s 22

- **Nature Of UFO Sightings Observed By Military Pilots Remains Unclear, Government Report Says**  
s 22

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**Freedom of Information**

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**From:** s 47F  
**Sent:** Mondav. 2 August 2021 2:31 PM  
**To:** s 47F  
**Subject:** FW: Biological UFOs ghosts [SEC=OFFICIAL]

s 47F | s 47F  
Operations and Communications | **Australian Space Agency**  
P: s 47F E: s 47F [@space.gov.au](mailto:s 47F@space.gov.au)

OFFICIAL

---

**From:** Enquiries - Australian Space Agency  
**Sent:** Monday, 13 May 2019 10:41 AM  
**To:** s 47F @space.gov.au  
**Subject:** FW: Biological UFOs ghosts [SEC=UNCLASSIFIED]

Hi s 47F, one example of an email we have received mentioning UFOs/aliens. We have fewer than you would think.

s 47F | Senior Policy Officer  
Communication and Coordination  
**Australian Space Agency**

P: s 47F  
E: s 47F [@space.gov.au](mailto:s 47F@space.gov.au)



10 Binara Street, Canberra City, ACT 2601  
GPO Box 2013, Canberra ACT 2601

UNCLASSIFIED

---

**From:** s 47F ]  
**Sent:** Thursday, 20 September 2018 8:57 PM  
**To:** Enquiries  
**Subject:** Biological UFOs ghosts

s 22

*One pages removed under s22 of the FOI Act as irrelevant information*

**Freedom of Information**

---

**From:** s 47F  
**Sent:** Monday, 2 August 2021 2:30 PM  
**To:** s 47F  
**Subject:** FW: Enquiries re UFOs/UAPs [SEC=OFFICIAL]

s  
 47F

One email – many of the leadership team would have seen this too

s 47F | s 47F  
 Operations and Communications | **Australian Space Agency**  
**P:** s 47F **E:** s 47F [@space.gov.au](mailto:s 47F@space.gov.au)

OFFICIAL

---

**From:** s 47F  
**Sent:** Thursday, 17 June 2021 11:40 AM  
**To:** s 47F @space.gov.au; s 47F @space.gov.au; s 47F  
 <s 47F @space.gov.au>  
**Cc:** s 47F @space.gov.au; s 47F @space.gov.au  
**Subject:** FW: Enquiries re UFOs/UAPs [SEC=OFFICIAL]

Hi Enquiries inbox people

Please note below. Will provide advice on how to coordinate responses, should requests come in.

Regards

s  
 47F

s 47F | s 47F  
 Operations and Communications | **Australian Space Agency**  
**P:** s 47F **E:** s 47F [@space.gov.au](mailto:s 47F@space.gov.au)

OFFICIAL

---

**From:** s 47F  
**Sent:** Thursday, 17 June 2021 11:02 AM  
**To:** s 47F @space.gov.au; s 47F @space.gov.au  
**Subject:** FW: Enquiries re UFOs/UAPs [SEC=OFFICIAL]

Hi s 47F ,

CSIRO has raised with us that we're likely to get an influx of questions around UFOs next week(ish), when a report on UAPs/UFOs is released to the US Congress. We'd like to have a central point for these queries within the Australian Government, and s 47F suggested that Fred Watson, the Astronomer-at-large could be a good central spokesperson.

How do you feel about this – or do you have any additional information about central media points? I realise we've had the occasional question before about UFOs, but this one is likely to be more concentrated and not something we can really brush off.

Cheers,

s 47F | A/g Assistant Manager, Communications  
Australian Space Agency

P: s 47F  
M: s 47F  
E: s 47F [@space.gov.au](mailto:s 47F@space.gov.au)

Media enquiries: [media@space.gov.au](mailto:media@space.gov.au), Media phone: +61 8 8406 4798

---

OFFICIAL

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**From:** s 47F [@csiro.au](mailto:s 47F@csiro.au)  
**Sent:** Thursday, 17 June 2021 10:13 AM  
**To:** Media - Australian Space Agency <[Media@space.gov.au](mailto:Media@space.gov.au)>; s 47F [@space.gov.au](mailto:s 47F@space.gov.au); s 47F  
**Cc:** s 47F [@csiro.au](mailto:s 47F@csiro.au)>  
**Subject:** Enquiries re UFOs/UAPs

Hi team

You're probably aware that a much-anticipated "UAP/UFO report" will be released to the US Congress and made public, I've heard around 25 June. We have people who work on SETI - the search for extraterrestrial intelligence, which is an established area of radio astronomy research - and we're expecting an increase in enquiries. We don't want to talk about UFOs/UAPs but depending on the outlet and their questions can talk about SETI.

I'm wondering, is there an official Australian Government contact on UFOs/UAPs to whom we should pass on media enquiries? I'm thinking it would likely be a Defence org. We're happy to make other enquiries with AusGov departments but thought you might already have this info to hand.

Best wishes

s 47F

Communication Manager, Space, Astronomy and Scientific Computing  
Corporate Affairs | CSIRO  
s 47F [@csiro.au](mailto:s 47F@csiro.au) | s 47F  
PO Box 93 North Ryde NSW 2113

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## Freedom of Information

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**From:** s 47F  
**Sent:** Tuesday, 22 June 2021 10:47 AM  
**To:** s 47F  
**Cc:** s 47F  
**Subject:** FW: For info: media on UAP report to US congress [SEC=OFFICIAL]

Please be aware and don't respond to enquiries unless there is a legitimate enquiry.

s 47F | s 47F  
Operations and Communications | **Australian Space Agency**  
P: s 47F [@space.gov.au](mailto:s 47F@space.gov.au)

---

### OFFICIAL

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**From:** s 47F  
**Sent:** Tuesday, 22 June 2021 10:15 AM  
**To:** Australian Space Agency - Leadership Team <AustralianSpaceAgency-LeadershipTeam@industry.gov.au>  
**Cc:** Media - Australian Space Agency <Media@space.gov.au>  
**Subject:** For info: media on UAP report to US congress [SEC=OFFICIAL]  
s  
H 47F

As you're probably aware, the US Congress is likely to be presented with a report on UAPs/UFOs soon. We are expecting some level of media enquiries surrounding this. The Minister's Office has agreed that the best central point of contact for media enquiries is Professor Fred Watson, Astronomer-at-large, within SKA/Astronomy.

As always, if you are approached for any media, please send the request through to [media@space.gov.au](mailto:media@space.gov.au), and we will collate and send through to Fred.

Kind regards,

s 47F A/g Assistant Manager, Communications  
**Australian Space Agency**

P: s 47F  
M: s 47F  
E: s 47F [@space.gov.au](mailto:s 47F@space.gov.au)

Media enquiries: [media@space.gov.au](mailto:media@space.gov.au), Media phone: +61 8 8406 4798



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GPO Box 2013, Canberra ACT 2601



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OFFICIAL

## Freedom of Information

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**From:** s 22  
**Sent:** Monday, 2 August 2021 2:32 PM  
**To:** s 22  
**Subject:** FW: New FOI request - s 47F [SEC=OFFICIAL:Sensitive]  
**Attachments:** U-1328 - s 47F - UFO.JPG; O-282 - s 47F - We are UFO.JPG;  
 U-1286 - s 47F - Aliens and their UFO's.jpg; U-706 - s 47F - The  
 UFO.JPG; U-784 - s 47F - UFO Design Specs.ipa; U-215 - s 47F -  
 Waving at passing UFO.JPEG; U-031 - s 47F - Crazy UFO.JPG; U-005 - s 47F  
 - Alien's U.F.O..jpg

s 22 | s 47F  
 Operations and Communications | **Australian Space Agency**  
**P:** s 22 **M:** s 22 **E:** s 22 [@space.gov.au](mailto:@space.gov.au)

**OFFICIAL: Sensitive**

---

**From:** s 22  
**Sent:** Wednesday, 15 May 2019 1:32 PM  
**To:** s 22 @space.gov.au>; s 22  
 @industry.gov.au>  
**Cc:** s 22 @industry.gov.au>  
**Subject:** RE: New FOI request - s 47F [DLM=For-Official-Use-Only]

Dear s 22

In 2013, the Australian SKA Office held the "Seeing Stars" art competition. It was a very successful outreach activity and we received over 2300 individual entries. Some of the names of the art entries, and therefore their file names, included the term "UFO". I have attached the relevant files that are held on the ASKAO archive drive.

Obviously, none of these attachments relate to any decisions or processes of government. However, as they fit within the FOI search parameters I have attached them for your information. No other documents were found using the FOI search parameters.

Kind Regards

s 22

s 22

**SKA and Astronomy**

s 22

For Official Use Only

---

**From:** s 22  
**Sent:** Tuesday, 14 May 2019 4:38 PM  
**To:** s 22  
**Subject:** FW: New FOI request - s 47F [DLM=For-Official-Use-Only]  
**Importance:** High

Hi s 22

Apologies for not approaching you sooner. The Australian Space Agency received an FOI request. We have done some extensive reviews and have not identified anything in scope. Mindful that we are about the close the response, I thought I would quickly reach out to you both to see if you had any documents as per the request? Happy to have a quick chat to explain.

Sorry – it is urgent – so would appreciate you doing a quick review.

Thanks  
s 22

s 22 | s 47F  
Operations and Communications | Australian Space Agency  
P: s 22 M: s 22 E: s 22 @space.gov.au

For Official Use Only

---

**From:** Freedom of Information  
**Sent:** Wednesday, 1 May 2019 3:50 PM  
**To:** s 22 @space.gov.au  
**Cc:** s 22 @space.gov.au; Freedom of Information <FOI@industry.gov.au>  
**Subject:** New FOI request - s 47F [SEC=UNCLASSIFIED]

Dear s 22

### **New FOI request**

The department has received correspondence from s 47F seeking access under the *Freedom of Information Act 1982* to documents within the Department of Industry relating to Unidentified Flying Objects.

Please find the attached correspondence for details.

We understand that you are the likely decision maker for this request. The authorised decision maker must be at the SES Band level 1 or above and is generally selected from within the Branch or Division which has subject-matter responsibility for the requested documents. Could you please consider whether the request is clear or requires clarification and nominate a contact officer to liaise with the FOI team during the process.

The department has 30 days from 30 April 2019 to process this request and provide a decision and any documents to the applicant. The current decision due date is **30 May 2019**, however, this timeline may be affected by the notification of any charges and/or any external third party consultations.

### **For Your Action**

Please consider this request and provide the FOI team the following at your earliest convenience but no later than **9 May 2019**:

- all relevant documents that fall within the scope of the request (with sensitivities marked); and
- a signed completed 'Search Minute' (attached).

If you believe that additional time will be required to retrieve the documents, please contact the FOI Team as soon as possible so that the processing of this request within the statutory timeframe may be managed.

Should you have any queries or wish to discuss this matter please do not hesitate to contact the FOI team.

Kind regards,  
s 22

s 22

Graduate

FOI Team | Legal, Audit and Assurance Branch

Corporate Network

s 22

[@industry.gov.au](mailto:industry.gov.au)

---

Department of Industry, Innovation and Science | [www.industry.gov.au](http://www.industry.gov.au)

UNCLASSIFIED

*Eight pages removed under s22 of the FOI Act as irrelevant information*

## Freedom of Information

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s 22

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OFFICIAL

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**From:** POLITICO Space <[politicospace@email.politico.com](mailto:politicospace@email.politico.com)>

**Date:** 23 July 2021 at 9:02:35 pm AEST

**To:** s 22

**Subject:** The FAA's top space official outlines progress — Lawmakers unhappy with Commerce space debris efforts — NASA has some big ideas for powering moon base

**Reply-To:** "POLITICO, LLC" <[reply-fe8d1d72776c057e7c-1280757\\_HTML-942308501-1376319-0@politicoemail.com](mailto:reply-fe8d1d72776c057e7c-1280757_HTML-942308501-1376319-0@politicoemail.com)>

Jul 23, 2021

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s 22

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SPACE SPOTLIGHT

s 22

**But what about the UFOs?** We couldn't help but ask him if the FAA is tracking what so many suspect could also be spaceships: those [unidentified aerial phenomena](#), or UAPs, reported by military pilots in recent years.

**It's not an issue that has crossed his desk**, Monteith said. But he did say this: "The FAA operates the most complex, safest airspace system in the world. If that were something that we needed to do, the FAA would take it on and we'd do it better than anyone else."

*Six pages removed under s22 of the FOI Act as irrelevant information*

## Freedom of Information

**From:** AIAA Engage <DoNotReply@ConnectedCommunity.org>  
**Sent:** Mondav. 19 Julv 2021 9:06 PM  
**To:** s 22  
**Subject:** Open Forum Digest for Friday July 16, 2021 to Sunday July 18, 2021



# Open Forum

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**Jul 16, 2021 - Jul 18, 2021**

## Discussions

s 22

started 2 days ago, [Steven Sidorek](#) (0 replies)

**[UFO/UAPs](#)** 

2. [I was not part of these discussions last year...](#) Robert Fink
3. [Paul, Unfortunately, I don't see the recent...](#) Eric Dorward
4. [Comparing the 1960's Blue Book conclusions with...](#) Rene Rezende
5. [Hello Everyone, We will be having a 4-hour...](#)  Nijo Abraham
6. [Nijo, thanks for the heads up About the event...](#) Rene Rezende
7. [To the degree that such phenomena do not appear...](#) James Felder
8. [Thank you for your honesty. I wonder what you...](#) Paul Murad
9. [I too would want to know as well about this...](#) Paul Murad
10. [Hello Rene and Paul, You can access the...](#) Nijo Abraham
11. [Not yet. "Belief" is the wrong word. It implies...](#) Craig Nordeen
12. [This is part of the problem. It would be nice...](#) Paul Murad
13. [Paul, No one is making any determinations on...](#) Eric Dorward
14. [Nijo, thanks for the information about the...](#) Rene Rezende

started 3 years ago, [Kristen Parody](#) (387 replies)

## [Introduce Yourself Here!](#)



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2. [Re: UFO/UAPs](#)

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Jul 16, 2021 7:59 AM

[Robert Fink](#)

I was not part of these discussions last year, but I am a "non-believer" as you describe and the released videos of the F/A-18 footage is very unconvincing, and to me, uninteresting. In my opinion, this whole UAP/UFO thing is ultimately what in today's parlance is called a "nothing-burger, as in nothing to see here, move on.

Sorry if this response disappoints you, but it's honest and direct.

-----  
Robert Fink  
Home address  
Charleston SC  
(321)626-7532

[Reply to Community Online](#) [Reply to Community via Email](#) [View Thread](#)  
[Online](#) [Forward](#) [Like](#)

Original Message:  
Sent: 15 Jul, 2021 08:12  
From: Paul Murad  
Subject: UFO/UAPs

All:

Last year or so ago, I was involved with several heated discussions concerning UFO/UAPs. I would be curious if the non-believers now believe based upon the F/A-18 sensor responses.

We should always keep an open but not an empty mind and look toward finding solutions to realistic anomalies to satisfy our curiosity....

P.A. Murad, AIAA AF.

Paul Murad  
Retired  
Vienna VA  
703 759 2028

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3. [Re: UFO/UAPs](#)

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Jul 16, 2021 8:09 AM

[Eric Dorward](#)

Paul,

Unfortunately, I don't see the recent government report/data dump shedding any real light on the issue. It's pretty clear there are some kind of unexplained aerial phenomena, but that's pretty much the extent of what we can say for certain. We're left in pretty much the same place we were prior to the government report's release - a lot of video and no tangible evidence. The most plausible explanation is still that these UAPs are optical effects and not anything physical. Pretty much every other conclusion falls to Occam's Razor and extraordinary claims require extraordinary proof. Exploring the phenomena for the sake of

curiosity is great, but sometimes reality isn't terribly exciting.

-----  
Eric Dorward  
STEM Educator  
York, PA  
-----

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-----  
Original Message:  
Sent: 15 Jul, 2021 08:12  
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All:

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We should always keep an open but not an empty mind and look toward finding solutions to realistic anomalies to satisfy our curiosity....

P.A. Murad, AIAA AF.

-----  
Paul Murad  
Retired  
Vienna VA  
703 759 2028  
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4. [Re: UFO/UAPs](#)

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Jul 16, 2021 9:49 AM

[Rene Rezende](#)

Comparing the 1960's Blue Book conclusions with the latest, 2021, Pentagon report outputs brings us some interesting results.

The Blue Book comes to the conclusion that UFO was not placing the US national security in danger. That single topic prevented serious cash flow into funding any UFO study, now UAP, for half a century. If it were not for privately funded organizations, TV shows, and conspiracy theories supporters, the UFO phenomenon would have faded away.

But, it didn't go away.

The 2021 report represents a 180-degree change in course, as compared with its 60's counterpart. The latest report recognizes that UFO/UAP is real, even if its nature is not fully understood. But the most important conclusion offered by the report is linked to placing UFO/UAP as something that affects the US national security and represents a danger to commercial aviation. Because of that, whoever wrote the report asks for a little money to develop better sensors to study UFOs. The UFO/UAP community couldn't wish for a better outcome.

Now, it remains to be seen if any money at all would be allocated to UFO/UAP studies. Before closing, please remember that UFO/UAP has nothing to do with ET, at least until extraordinary evidence is presented.

-----  
Rene Rezende  
Technical Director  
Inotech  
Long Branch NJ  
9124016453  
-----

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-----  
Original Message:  
Sent: 15 Jul, 2021 08:12  
From: Paul Murad  
Subject: UFO/UAPs

All:

Last year or so ago, I was involved with several heated discussions concerning UFO/UAPs. I would be curious if the non-believers now believe based upon the F/A-18 sensor responses.

We should always keep an open but not an empty mind and look toward finding solutions to realistic anomalies to satisfy our curiosity....

P.A. Murad, AIAA AF.

-----  
Paul Murad  
Retired  
Vienna VA  
703 759 2028  
-----

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5. [Re: UFO/UAPs](#)

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Jul 16, 2021 10:06 AM | [view attached](#)

[Nijo Abraham](#)

Hello Everyone,

We will be having a 4-hour presentation/discussion session on this topic during the AVIATION conference.

**See attached file for details.**

Title: Advocating for Scientific Study of Unidentified Aerial Phenomenon – Technical Perspective with focus on Aviation Safety

Date: Friday, Aug 6th

Time: 11:15 am - 3:15 pm EST

Venue: Virtual AVIATION conference

I hope you will all attend with an open mind, and be ready with questions.

-----  
Nijo Abraham  
Design Engineering Technical Committee  
-----

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-----  
Original Message:  
Sent: 16 Jul, 2021 09:48  
From: Rene Rezende  
Subject: UFO/UAPs

Comparing the 1960's Blue Book conclusions with the latest, 2021, Pentagon report outputs brings us some interesting results.

The Blue Book comes to the conclusion that UFO was not placing the US national security in danger. That single topic prevented serious cash flow into funding any UFO study, now UAP, for half a century. If it were not for privately funded organizations, TV shows, and conspiracy theories supporters, the UFO phenomenon would have faded away.

But, it didn't go away.

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UFO/UAP as something that affects the US national security and represents a danger to commercial aviation. Because of that, whoever wrote the report asks for a little money to develop better sensors to study UFOs. The UFO/UAP community couldn't wish for a better outcome.

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-----  
Rene Rezende  
Technical Director  
Inotech  
Long Branch NJ  
9124016453

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6. [Re: UFO/UAPs](#)

[Reply to  
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Email](#)



Jul 16, 2021 11:49 AM

[Rene Rezende](#)

Nijo, thanks for the heads up

About the event "Advocating for Scientific Study of Unidentified Aerial Phenomenon – Technical Perspective with focus on Aviation Safety".

Would you mind letting me know how to apply to attend this event?

Thanks

-----  
Rene Rezende  
Technical Director  
Inotech  
Long Branch NJ  
9124016453  
-----

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-----  
Original Message:  
Sent: 16 Jul, 2021 10:05

From: Nijo Abraham  
Subject: UFO/UAPs

Hello Everyone,

We will be having a 4-hour presentation/discussion session on this topic during the AVIATION conference.

**See attached file for details.**

Title: Advocating for Scientific Study of Unidentified Aerial Phenomenon – Technical Perspective with focus on Aviation Safety  
Date: Friday, Aug 6th  
Time: 11:15 am - 3:15 pm EST  
Venue: Virtual AVIATION conference

I hope you will all attend with an open mind, and be ready with questions.

-----  
Nijo Abraham  
Design Engineering Technical Committee

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7. [Re: UFO/UAPs](#)

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Jul 16, 2021 12:35 PM  
[James Felder](#)

To the degree that such phenomena do not appear to violate the laws of physics, then they should be investigated vigorously like any other incursion of the national airspace. Observations that appear to violate the known laws of physics such as extremely high acceleration, or reactionless movement (i.e. no exhaust) and for which there is only a visual observation from a single viewpoint should be logged, but I don't think they merit exhaustive investigation since single viewpoint observations (even if recorded) can not determine distance nor can they distinguish between reflections and refractions any better than the human eye. As such parsimony says such single viewpoint visual light observations are almost certainly optical distortions that are entirely within the known optics of the atmosphere in the presence of thermal gradients, especially sharp gradients due to thermal inversions, rather than taken as evidence of technology, human or not, that far exceeds what is known in the general scientific community.

Now what would be very interesting is if there were multiple simultaneous and well spaced video recordings of a UAP performing maneuvers that appear to violate the known laws of

physics. Background objects in the video would allow the physical coordinates of each camera to be established. Also any frame of the video which included the UAP and background objects would allow a vector to the object from the camera to be determined (those frames with just the object in them are useless, so a suggestion to everybody who ever pulls their phone out to record one of these phenomena, always keep buildings or terrain visible along with the UAP even if you have to zoom OUT to do so. The important information you are capturing isn't the size and shape of the object, but where it is in relation to stationary objects).

Synchronizing the multiple video recordings would allow the 3-D location of the object versus time to be determined. From there it would be straightforward to calculate acceleration rates and object speed. If there is enough resolution in any of the videos to determine the object size (So OK briefly zoom in to the limits of the optical zoom of your device to try to get more visual information about the size and shape of the object, but immediately zoom back out to get stationary objects in frame), then for a reasonable estimates of overall density (+/- 50% of high speed aircraft?), the weight of the object can be estimated. And from estimates of weight and acceleration the the instantaneous power and total energy required to perform the maneuvers can be calculated.

If from such an observation it was shown conclusively that the UAP was say performing maneuvers requiring thousands of g of acceleration and requiring gigawatts of power to perform, then we can start to say that this is technology far beyond known technology, and either there are organizations here on earth that have achieved massive advancements in technology and managed to keep it mostly secret (other than taking their super-secret craft out for joy-rides where it can be seen by the general public), or it is extraterrestrial origin.

-----  
James Felder  
NASA Glenn Research Center  
Westlake OH  
(216)433-3956  
-----

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-----  
Original Message:  
Sent: 15 Jul, 2021 08:12  
From: Paul Murad  
Subject: UFO/UAPs

All:

Last year or so ago, I was involved with several heated discussions concerning UFO/UAPs. I would be curious if the non-believers now believe based upon the F/A-18 sensor responses.

We should always keep an open but not an empty mind and look toward finding solutions to realistic anomalies to satisfy our curiosity....

P.A. Murad, AIAA AF.  
-----

Paul Murad  
Retired  
Vienna VA  
703 759 2028  
-----

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8. [Re: UFO/UAPs](#)

[Reply to  
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Jul 16, 2021 1:37 PM

[Paul Murad](#)

Thank you for your honesty.

I wonder what you really know or feel about based upon any evidence on any subject?

P.A. Murad. AIAA AF

-----  
Paul Murad  
Retired  
Vienna VA  
703 759 2028  
-----

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-----  
Original Message:

Sent: 16 Jul, 2021 07:59

From: Robert Fink

Subject: UFO/UAPs

I was not part of these discussions last year, but I am a "non-believer" as you describe and the released videos of the F/A-18 footage is very unconvincing, and to me, uninteresting. In my opinion, this whole UAP/UFO thing is ultimately what in today's parlance is called a "nothing-burger, as in nothing to see here, move on.

Sorry if this response disappoints you, but it's honest and direct.

-----  
Robert Fink

Home address  
Charleston SC  
(321)626-7532

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9. [Re: UFO/UAPs](#)

[Reply to  
Community Online](#)

[Reply to  
Community via  
Email](#)



Jul 16, 2021 2:03 PM

[Paul Murad](#)

I too would want to know as well about this meeting assuming I am invited...

Regarding how the situation started, I would believe that a classified meeting between Einstein and Oppenheimer in 1947 set the tone for UFOs. The issue is that they appeared to be benign, politically aligned with an agenda, but there was absolutely nothing we could do about it. In other words, our weapon systems were totally useless.

What disappoints me is that the lack of curiosity based upon some of the responses. For example, we cannot generate a vehicle capable of hundreds of accelerations from one altitude to another, travel near orbital speed while at sea, level or trans leave the atmosphere to travel underwater at significant speeds that we could not achieve. These are all common behavior and yet, our understanding and physical laws are wanting. Moreover, how do we depend upon traveling at reasonable times to go to, say Mars, or do we write off all of this because we think we know what we know?

If we did that, we would have never gone to the moon! We would have never done anything that produced something of value.

The lack of curiosity within this generation makes me wonder if there is anything worth doing and this should be an AIAA concern!

P.A. Murad AIAA AF

-----  
Paul Murad  
Retired  
Vienna VA  
703 759 2028  
-----

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-----  
Original Message:

Sent: 16 Jul, 2021 11:48

From: Rene Rezende

Subject: UFO/UAPs

Nijo, thanks for the heads up

About the event "Advocating for Scientific Study of Unidentified Aerial Phenomenon – Technical Perspective with focus on Aviation Safety".

Would you mind letting me know how to apply to attend this event?

Thanks

-----  
Rene Rezende  
Technical Director  
Inotech  
Long Branch NJ  
9124016453

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## 10. [Re: UFO/UAPs](#)

[Reply to  
Community Online](#)

[Reply to  
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Jul 17, 2021 2:41 AM

[Nijo Abraham](#)

Hello Rene and Paul,

You can access the session by registering for the AVIATION conference at [www.aiaa.org/aviation/registration](http://www.aiaa.org/aviation/registration)

Once you register, you'll receive a confirmation email along with a second email with instructions to access the virtual platform.

The link to the UAP session will be within the virtual platform.

James,

Within the UAP session on Friday, Aug 6th, the second presentation titled "**The Flight Characteristics and Physics of UAP**" and the third presentation "**Anomalous Aerodynamic Physics demonstrated by the 2004 USS Nimitz UAP Encounter**", will include analyses that provide an estimated range of velocity, acceleration, and power

requirements.

We hope you will all register for the conference, attend the UAP session, and participate in the discussion.

-----  
Nijo Abraham  
Design Engineering Technical Committee  
-----

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-----  
Original Message:  
Sent: 16 Jul, 2021 12:34  
From: James Felder  
Subject: UFO/UAPs

To the degree that such phenomena do not appear to violate the laws of physics, then they should be investigated vigorously like any other incursion of the national airspace. Observations that appear to violate the known laws of physics such as extremely high acceleration, or reactionless movement (i.e. no exhaust) and for which there is only a visual observation from a single viewpoint should be logged, but I don't think they merit exhaustive investigation since single viewpoint observations (even if recorded) can not determine distance nor can they distinguish between reflections and refractions any better than the human eye. As such parsimony says such single viewpoint visual light observations are almost certainly optical distortions that are entirely within the known optics of the atmosphere in the presence of thermal gradients, especially sharp gradients due to thermal inversions, rather than taken as evidence of technology, human or not, that far exceeds what is known in the general scientific community.

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visual information about the size and shape of the object, but immediately zoom back out to get stationary objects in frame), then for a reasonable estimates of overall density (+/- 50% of high speed aircraft?), the weight of the object can be estimated. And from estimates of weight and acceleration the the instantaneous power and total energy required to perform the maneuvers can be calculated.

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-----  
James Felder  
NASA Glenn Research Center  
Westlake OH  
(216)433-3956

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11. [Re: UFO/UAPs](#)

[Reply to Community Online](#)

[Reply to Community via Email](#)



Jul 17, 2021 10:47 AM

[Craig Nordeen](#)

Not yet.

"Belief" is the wrong word. It implies an acceptance of something without evidence. And currently implies an acceptance of reality beyond our understanding.

So far, there is only the general recognition that there is something worthy of study. The videos themselves. have been certified by the DOD as real. What they show is still undefined. I have seen no thorough explanation of why these show objects beyond our ken, as distinct from electronic chaff or mis-identification of normal phenomena. There are articles and videos arguing both. And experts.

So far, nothing at the level of a scientific paper such as we are used to seeing in AIAA. One with peer review and measured thought behind it.

No extraordinary proof yet to back up these extraordinary claims.

-----  
Craig Nordeen  
-----

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-----  
Original Message:

Sent: 15 Jul, 2021 08:12

From: Paul Murad

Subject: UFO/UAPs

All:

Last year or so ago, I was involved with several heated discussions concerning UFO/UAPs. I would be curious if the non-believers now believe based upon the F/A-18 sensor responses.

We should always keep an open but not an empty mind and look toward finding solutions to realistic anomalies to satisfy our curiosity....

P.A. Murad, AIAA AF.

-----  
Paul Murad  
Retired  
Vienna VA  
703 759 2028  
-----

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## 12. [Re: UFO/UAPs](#)

[Reply to  
Community Online](#)

[Reply to  
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Jul 17, 2021 4:40 PM

[Paul Murad](#)

This is part of the problem.

It would be nice for someone to explain what is going on but if we do not know or understand, we, therefore, can make the determination that it does not exist due to our lack of understanding....

The issue is if there is an unknown and the evidence exists that there is something of unusual behavior, do we intellectually fold, or do we try to explain the unknown.

It is by far easier to ignore the unknown but then where are you going? This requires intellectual bravery. For example, explain these events based upon our known knowledge. Are the results of your conventional wisdom pleasing?

P.A. Murad AIAA AF

-----  
Paul Murad  
Retired  
Vienna VA  
703 759 2028  
-----

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-----  
Original Message:  
Sent: 17 Jul, 2021 10:47  
From: Craig Nordeen  
Subject: UFO/UAPs

Not yet.  
"Belief" is the wrong word. It implies an acceptance of something without evidence. And currently implies an acceptance of reality beyond our understanding.  
So far, there is only the general recognition that there is something worthy of study. The videos themselves. have been certified by the DOD as real. What they show is still undefined. I have seen no thorough explanation of why these show objects beyond our ken, as distinct from electronic chaff or mis-identification of normal phenomena. There are articles and videos arguing both. And experts.  
So far, nothing at the level of a scientific paper such as we are used to seeing in AIAA. One with peer review and measured thought behind it.  
No extraordinary proof yet to back up these extraordinary claims.

-----  
Craig Nordeen

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13. [Re: UFO/UAPs](#)

[Reply to Community Online](#)

[Reply to Community via Email](#)



Jul 17, 2021 5:12 PM  
[Eric Dorward](#)

Paul,

No one is making any determinations on whether or not UAPs are actual air- or spacecraft - that's the entire point. The burden of proof is on the person making the positive claim (ie, you) and there isn't any extraordinary evidence to support the extraordinary claim that UAPs are vehicles capable of astonishing flight performance. Failing that evidence, the simplest

explanation tends to be the best, which in this case is that UAPs are not vehicles but some kind of optical effects or other non-extraordinary events. Can I prove that? No, but I don't need to, it's not my responsibility. Is it pleasing? Sure, why not? If UAPs are illusions, that doesn't mean aliens don't exist or interstellar flight isn't possible. It just means there isn't proof yet.

Personally, I find your claims that skeptics lack bravery out of place. When you say we should be investigating the technologies necessary to make UAPs fly the way they do, you're assuming facts not in evidence (that UAPs are indeed vehicles). If you're willing to make that leap of faith, fine, but acknowledge it for what it is. It isn't cowardly to reject extraordinary claims without extraordinary evidence - it's the scientific method. Further, it isn't necessary to make that leap of faith to be interested in turning science fiction into science fact. I know the starship Enterprise isn't real, but I can still be interested in how we might develop the technology seen on the show. There's nothing mutually exclusive about curiosity and skepticism.

-----  
Eric Dorward  
STEM Educator  
York, PA  
-----

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-----  
Original Message:  
Sent: 17 Jul, 2021 16:39  
From: Paul Murad  
Subject: UFO/UAPs

This is part of the problem.

It would be nice for someone to explain what is going on but if we do not know or understand, we, therefore, can make the determination that it does not exist due to our lack of understanding....

The issue is if there is an unknown and the evidence exists that there is something of unusual behavior, do we intellectually fold, or do we try to explain the unknown.

It is by far easier to ignore the unknown but then where are you going? This requires intellectual bravery. For example, explain these events based upon our known knowledge. Are the results of your conventional wisdom pleasing?  
P.A. Murad AIAA AF

-----  
Paul Murad  
Retired  
Vienna VA  
703 759 2028

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Community Online](#)[Reply to  
Community via  
Email](#)

Jul 18, 2021 7:41 PM

[Rene Rezende](#)

Nijo, thanks for the information about the conference.

By the way, I was already registered, as I will be presenting two papers.

One is linked to a literature review due on August 10th, with the title "The literature behind a liquid rocket engine design methodology" and the second one will be presented on August 13th, at EATS-21, and it deals with "General Aviation Electrification: Challenges on the transition to new technologies"

Best regards

Rene Nardi

-----  
Rene Rezende  
Technical Director  
Inotech  
Long Branch NJ  
9124016453  
-----

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-----  
Original Message:  
Sent: 17 Jul, 2021 02:41  
From: Nijo Abraham  
Subject: UFO/UAPs

Hello Rene and Paul,

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James,

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**Characteristics and Physics of UAP"** and the third presentation "**Anomalous Aerodynamic Physics demonstrated by the 2004 USS Nimitz UAP Encounter**", will include analyses that provide an estimated range of velocity, acceleration, and power requirements.

We hope you will all register for the conference, attend the UAP session, and participate in the discussion.

-----  
 Nijo Abraham  
 Design Engineering Technical Committee

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15. [Re: Introduce Yourself Here!](#)

[Reply to  
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[Reply to  
Community via  
Email](#)



Jul 16, 2021 5:09 PM

[Elliot Stiglic](#)

Hi everyone!

- I'm located in the Los Angeles, California area (work in El Segundo, live in Long Beach).
- I work at Raytheon Intelligence and Space, currently supporting the Worldview Legion polar-orbiting satellite imaging system. Our group builds the camera instrument ("Red Legion") which mounts to the satellite bus.
- I studied at California State University, Long Beach (CSULB). I did a dual major in Mechanical Engineering and Physics for my undergrad, and Physics for my M.S. I'm considering pursuing a doctorate in Systems Engineering; we'll see!
- I originally pursued engineering due to my passion for cars and motorcycles; however, after working with space sensors, I realized how interesting things can get once you have to deal with launching highly-sensitive electronics into space. It's tricky, complex, and fascinating!  
 That said, I still closely follow the automotive / motorcycle industry, and I love a good drive or motorcycle ride up the local canyon roads.

Good to meet you all virtually, and I'm sure I'll be seeing some of you at a conference soon!

-Elliot

-----  
Elliot Stiglic  
Raytheon Intelligence & Space  
El Segundo, CA  
-----

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-----  
Original Message:  
Sent: 22 Jan, 2018 18:38  
From: Kristen Parody  
Subject: Introduce Yourself Here!

Hi there everyone,

Though some of you may already know one another, I wanted to give everyone an opportunity to introduce themselves and start making connections with other new members. Please take a moment to share something about who you are:

- Where are you located?
- Are you a student? An educator? A professional?
- Where did you study?
- What do you study? What kind of projects do you pursue?
- What do you love most about your field of expertise?
- The possibilities are endless--feel free to share anything you think other members might find interesting, funny, or otherwise noteworthy about yourself!

I can't wait to learn more about all of you!

-----  
Kristen Parody  
Community Manager  
AIAA  
-----

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## Freedom of Information

---

**From:** AIAA Engage <DoNotReply@ConnectedCommunity.org>  
**Sent:** Monday, 26 July 2021 9:03 PM  
**To:** s 47F  
**Subject:** Open Forum Digest for Friday July 23, 2021 to Sunday July 25, 2021



## [Open Forum](#)

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Jul 23, 2021 - Jul 25, 2021

### Discussions

s 22

#### [UFO/UAPs](#)



4. [Philippe: I had received this about a month...](#) Paul Murad

s 22

*Three pages removed under s22 of the FOI Act as irrelevant information*

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4. [Re: UFO/UAPs](#)

[Reply to Community Online](#)

[Reply to Community via Email](#)



Jul 23, 2021 7:33 AM

[Paul Murad](#)

Philippe:

I had received this about a month ago.

Excellent document. Appreciate your concern...

P.A. Murad AIAA AF

-----  
Paul Murad  
Retired  
Vienna VA  
703 759 2028  
-----

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-----  
Original Message:  
Sent: 22 Jul, 2021 13:25  
From: Paul Murad  
Subject: UFO/UAPs

Philippe:

Sure. I am always interested in more data.

My e-mail is [ufoguy paul@yahoo.com](mailto:ufoguy paul@yahoo.com)

As mentioned, I am an AIAA AF.

Paul...

Original Message:

Sent: 7/22/2021 8:07:00 AM

From: Philippe Mairet

Subject: RE: UFO/UAPs

Hello,

I've got a digital report concerning UAPs created by 3AF.

I'll be delighted to send it to either Mr Paul Murad, AFAIAA, or other member of AIAA if very interested to get it, since it is in english language.

If you are interested by this free offer, please provide me with your first and last names, function/grade at AIAA.

Hava a good day  
Philippe

-----  
Philippe Mairet  
Aigrefeuille  
33614043666

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**Freedom of Information**

---

**From:** s 47F  
**Sent:** Thursday, 17 June 2021 11:56 AM  
**To:** s 47F  
**Cc:** MediaTeam; Media - Australian Space Agency  
**Subject:** RE: Enquiries re UFOs/UAPs [SEC=OFFICIAL]

Thanks s 47F we can raise this with s 47F now and will let you know what he says!  
s 47F

---

**OFFICIAL**

---

**From:** s 47F  
**Sent:** Thursday, 17 June 2021 11:49 AM  
**To:** s 47F @industry.gov.au>; s 47F @industry.gov.au>  
**Cc:** MediaTeam <MediaTeam@industry.gov.au>; Media - Australian Space Agency <Media@space.gov.au>  
**Subject:** FW: Enquiries re UFOs/UAPs [SEC=OFFICIAL]

Hi s 47F

A very different one for you today: CSIRO has raised with us that we're likely to get an influx of questions around UFOs next week(ish), when a report on UAPs/UFOs is released to the US Congress. We'd like to give the MO a heads up on this - we've had the occasional question before about UFOs, but this one is likely to be more concentrated and official, and not something we can really brush off.

We'd like to have a central point for these queries within the Australian Government, and we suggest that Fred Watson, the Astronomer-at-large could be a good central spokesperson. However, we'd also like to check if the MO would prefer the officiality of the Agency responding.

Cheers,

s 47F | A/g Assistant Manager, Communications  
**Australian Space Agency**

**P:** s 47F  
**M:** s 47F  
**E:** s 47F @space.gov.au

**Media enquiries:** [media@space.gov.au](mailto:media@space.gov.au), **Media phone:** +61 8 8406 4798

---

**OFFICIAL**

---

**From:** s 47F @csiro.au]  
**Sent:** Thursday, 17 June 2021 10:13 AM  
**To:** Media - Australian Space Agency <[Media@space.gov.au](mailto:Media@space.gov.au)>; s 47F @space.gov.au>; s 47F @space.gov.au>  
**Cc:** s 47F @csiro.au>  
**Subject:** Enquiries re UFOs/UAPs

Hi team

You're probably aware that a much-anticipated "UAP/UFO report" will be released to the US Congress and made public, I've heard around 25 June. We have people who work on SETI - the search for extraterrestrial intelligence,

which is an established area of radio astronomy research - and we're expecting an increase in enquiries. We don't want to talk about UFOs/UAPs but depending on the outlet and their questions can talk about SETI.

I'm wondering, is there an official Australian Government contact on UFOs/UAPs to whom we should pass on media enquiries? I'm thinking it would likely be a Defence org. We're happy to make other enquiries with AusGov departments but thought you might already have this info to hand.

Best wishes

s 47F

Communication Manager, Space, Astronomy and Scientific Computing

Corporate Affairs | CSIRO

s 47F @csiro.au | s 47F

PO Box 93 North Ryde NSW 2113

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CSIRO Australia's National Science Agency | csiro.au

## Freedom of Information

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**From:** s 47F @csiro.au>  
**Sent:** Friday, 25 June 2021 5:55 PM  
**To:** s 47F  
**Subject:** RE: Query re US UAP/UFO report [SEC=OFFICIAL]  
**Attachments:** CSIRO-brief-SETI-June2021\_v2.docx

Hi all, attached is our brief on the report and our SETI work. s 47F you're welcome to share it with Fred – and do let me know if you'd prefer we went to Fred directly with any media enquiries, or if you're happy to be the conduit.

s 47F s 47F  
 in my team (copied here) is my OOO contact and will reach out to me if there's anything I need to look at urgently.

s 47F

Communication Manager, Space, Astronomy and Scientific Computing  
 Corporate Affairs | CSIRO  
 s 47F [csiro.au](https://www.csiro.au) | s 47F

---

**From:** s 47F )  
**Sent:** Friday, 25 June 2021 12:46 PM  
**To:** s 47F @industry.gov.au>; s 47F @space.gov.au>; Media - Australian Space Agency <Media@space.gov.au>  
**Subject:** RE: Query re US UAP/UFO report [SEC=OFFICIAL]

s 47F  
 Oops, now sent to correct

s 47F  
 Communication Manager, Space, Astronomy and Scientific Computing  
 Corporate Affairs | CSIRO  
 s 47F [@csiro.au](mailto:) | s 47F

---

**From:** s 47F  
**Sent:** Friday, 25 June 2021 12:37 PM  
**To:** s 47F @industry.gov.au>; s 47F @csiro.au>  
**Subject:** FW: Query re US UAP/UFO report [SEC=OFFICIAL]

Hi both – an update on the Defence contact for UAP/UFO enquiries is below.

s 47F  
 I'll share our SETI messages shortly.

s 47F

Communication Manager, Space, Astronomy and Scientific Computing  
 Corporate Affairs | CSIRO  
 s 47F [@csiro.au](https://www.csiro.au) | s 47F

---

**From:** s 47F @csiro.au>  
**Sent:** Friday, 25 June 2021 11:55 AM  
**To:** s 47F @csiro.au>  
**Subject:** FW: Query re US UAP/UFO report [SEC=OFFICIAL]

FYI below.

Cheers

s 47F

Manager Government Relations  
Corporate Affairs | CSIRO

s 47F @csiro.au | s 47F

Black Mountain Science & Innovation Precinct, Clunies Ross St, Canberra ACT 2600

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---

**From:** Media <[media@defence.gov.au](mailto:media@defence.gov.au)>

**Sent:** Friday, 25 June 2021 10:53 AM

**To:** s 47F

[@csiro.au](mailto:@csiro.au); Media <[media@defence.gov.au](mailto:media@defence.gov.au)>

**Subject:** RE: Query re US UAP/UFO report [SEC=OFFICIAL]

## OFFICIAL

Good morning s 47F

Sincere apologies for the delay in responding to your enquiry.

The Defence media team is the correct email for any UAP enquiries. We have received several so far.

Kind regards,

s 47F

**Defence Media** | Department of Defence

---

P: s 47F

Alternate P: s 47F

Alternate E: [media@defence.gov.au](mailto:media@defence.gov.au)

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**From:** s 47F

[@csiro.au](mailto:@csiro.au)

**Sent:** Thursday, 24 June 2021 4:13 PM

**To:** Media <[media@defence.gov.au](mailto:media@defence.gov.au)>

**Subject:** FW: Query re US UAP/UFO report [SEC=OFFICIAL]

 **EXTERNAL EMAIL:** Do not click any links or open any attachments unless you trust the sender and know the content is safe. 

Good afternoon

I would be grateful if you could respond to my enquiry below please.

Since my email below I've left a voicemail and sat on hold with your media enquiries line for 20 minutes but haven't been able to reach anyone. I would very much appreciate your response.

Thanks

s 47F

Manager Government Relations

Corporate Affairs | CSIRO

s 47F @csiro.au | s 47F

Black Mountain Science & Innovation Precinct, Clunies Ross St, Canberra ACT 2600

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---

**From:** Media (Infrastructure) <[media@infrastructure.gov.au](mailto:media@infrastructure.gov.au)>

**Sent:** Monday, 21 June 2021 5:01 PM

**To:** s 47F

[@csiro.au](mailto:@csiro.au)

**Cc:** MPLO <[MPLO@csiro.au](mailto:MPLO@csiro.au)>; [media@defence.gov.au](mailto:media@defence.gov.au); Media (Infrastructure) <[media@infrastructure.gov.au](mailto:media@infrastructure.gov.au)>;

THOMPSON Chris <[Chris.Thompson@infrastructure.gov.au](mailto:Chris.Thompson@infrastructure.gov.au)>

**Subject:** RE: Query re US UAP/UFO report [SEC=OFFICIAL]

OFFICIAL

s 47F

Hi

As interesting as this sounds, confirming it's not one for Infrastructure.

Regards,

s 47F

Media Manager (Infrastructure, Transport and Regional Development)

Media Services • Communication Branch

P s 47F (media duty phone)

GPO Box 594 Canberra, ACT 2601

**Department of Infrastructure, Transport, Regional Development and Communications**

**CONNECTING AUSTRALIANS • ENRICHING COMMUNITIES • EMPOWERING REGIONS**

[infrastructure.gov.au](http://infrastructure.gov.au)



*The department acknowledges the traditional custodians of this land on which we meet, work and live. We recognise and respect their continuing connection to the land, waters and communities. We pay our respect to Elders past and present and to all Aboriginal and Torres Strait Islanders.*

OFFICIAL

---

**From:** s 47F <[@csiro.au](mailto:s47f@csiro.au)>  
**Sent:** Monday, 21 June 2021 3:46 PM  
**To:** [media@defence.gov.au](mailto:media@defence.gov.au); Media (Infrastructure) <[media@infrastructure.gov.au](mailto:media@infrastructure.gov.au)>  
**Cc:** MPLO <[MPLO@csiro.au](mailto:MPLO@csiro.au)>  
**Subject:** Query re US UAP/UFO report

Good afternoon

I'm seeking your help to identify a key government contact for UFO enquiries (seriously!).

We understand that the Pentagon/Congress will be releasing a report shortly about UFOs (now UAPs: Unexplained Aerial Phenomena). See <https://www.scientificamerican.com/article/experts-weigh-in-on-pentagon-ufo-report/> for some more details.

We are anticipating that this might generate some media enquiries about similar work by the Australian government and we would like to ensure we have the correct contact to refer them to. The Space Agency and CASA have both said that they are not the right areas.

Note that we have people who work on SETI - the search for extraterrestrial intelligence, which is an established area of radio astronomy research – and can speak on this but can't speak on UFOs/UAPs.

Any suggestions as to a good media contact point for enquiries about this report would be appreciated.

Regards

s 47F

Manager Government Relations

Corporate Affairs | CSIRO

s 47F <[@csiro.au](mailto:s47f@csiro.au)> | s 47F

Black Mountain Science & Innovation Precinct, Clunies Ross St, Canberra ACT 2600

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## Response to release of US report on UAPs

June 2021

### Background

Media outlets (eg [Scientific American](#)) have been speculating that the US Government is expected to release an unclassified report into unidentified aerial phenomena (UAPs, also known as UFOs) in late June 2021. Media reporting is also expected to be heightened around 2 July, which is known by some as 'World UFO Day'.

We're expecting to receive media enquiries into whether CSIRO has been researching UAPs and whether our researchers think alien life exists elsewhere in the Universe. Researchers from several Australian organisations have recently provided comment on the existence of aliens for [The Conversation](#).

CSIRO doesn't investigate or research UAPs although our Space & Astronomy team does work on the search for extraterrestrial intelligence or SETI, which is an established area of radio astronomy research. This includes:

- Researchers using our own and other instruments to look for chemical signatures that might indicate life elsewhere in the Universe and/or the origins of life, or searching for signs of technologically advanced civilisation by looking for 'technosignatures' (incoming radio light) that may be associated electronic signals.
- Over the past five years our Parkes radio telescope has been contracted for use by the Breakthrough Prize Foundation for SETI research; the Breakthrough Listen science program (observations and interpretation of data) is led by the Berkeley SETI Research Center at the University of California, Berkeley's astronomy department.

In the past, our Parkes radio telescope has been used for SETI research:

- In 1966 US astronomer Ken Kellermann studied a radio source (PKS 1934-63) that had a spectrum similar to the one predicted as best for interstellar communication. However, the source was later confirmed to be a galaxy.
- In 1992 a team from the University of Western Australia looked for narrow spectral-line emission from 176 targets, at a frequency of pi times the frequency of radiation from neutral hydrogen gas – a number that would be well known to an advanced extraterrestrial civilisation.
- In 1995 Parkes was used by the California-based SETI Institute for six months for its global Project Phoenix, the largest SETI search up until that time. It involved looking for signals from the neighbourhoods of 1000 nearby Sun-like stars ('nearby' being less than 200 light-

years away from us). Two hundred of the target stars can only be seen from the southern hemisphere, and these were the ones studied with Parkes.

- In 1998 scientists from the University of Western Sydney (now Western Sydney University) put a 'piggyback' experiment on Parkes, Southern SERENDIP (Search for Extraterrestrial Radio Emissions from Nearby Developed Intelligent Populations). Rather than needing telescope time of its own, SERENDIP combed through data from any source the telescope was observing.

The search for extraterrestrial intelligence forms part of the science case for the international Square Kilometre Array project, which will have telescopes located in Western Australia and South Africa.

### **CSIRO response to release of the report**

CSIRO won't be commenting on the release of the report or UAPs, however, our spokespeople can comment on the SETI research we do; they need to be prepared to deflect any questions they receive about the report, UAPs or details of the science program with Breakthrough Listen.

### **Key messages**

- At CSIRO we don't investigate or research unidentified aerial phenomena but we support the search for extraterrestrial intelligence, or SETI.
- SETI is an established area of radio astronomy research and our researchers use our own and other instruments to look for signs that might indicate life exists elsewhere in the Universe.
- Our Parkes radio telescope has been used by the Breakthrough Listen scientific program since 2016 to search for evidence of advanced life in the Universe, and by other similar programs in the past.
- Other than on Earth, no signs of intelligent life have so far been found in our Solar System or beyond.
- The likelihood of detecting life existing elsewhere in the Universe is extremely low, but certainly not zero. There are millions of stars with at least one planet in our own Galaxy, and billions of galaxies like our own, so there is a chance that life has evolved elsewhere.

### **Q&As**

#### **Is there any evidence of life elsewhere in our Solar System?**

This is a question that international space agencies like NASA are seeking to answer. Missions to Mars, for instance, are focusing on environments where life might or may have existed, such as where water could be present now or have been in the past. To date the most compelling case for microbial life in our Solar System, outside of Earth, was the detection of Phosphine in the troposphere of Venus. This molecule has few explanations for its existence and new NASA missions are currently underway to investigate further.

**What are the chances of successfully finding extra-terrestrial intelligence elsewhere in the Universe?**

Since 1996, thousands of planets have been discovered beyond our Solar System circling other Sun-like stars and are now increasingly finding ones that are Earth-like. No signs of technology developed by civilisations other than our own have yet been found.

The likelihood of such a discovery is extremely low, but certainly not zero. There are millions of Sun-like stars in our Galaxy with at least one planet around them, and there are billions of galaxies like our own. There is a chance that life has or will evolve elsewhere in the Universe. This might be very simple lifeforms, like the first single-celled organisms that emerged on our planet. However, there is no way of predicting what life may look like or how easily it will be found.

The chances that complex life exists and that we receive signs of their existence are also extremely low, given the vast distances of space and the time it would take for signals to reach us here on Earth.

**What might extra-terrestrial intelligent life will be like?**

Evolution on Earth has produced an astounding array of organisms, so we might expect nature on an alien world to be similarly varied. Until we make a detection, we simply don't know, just like we didn't know anything about planets around other stars until we started to detect them.

**Why do SETI research?**

Searching for signs of life on other planets is driven by curiosity about our origins and place in the Universe. Are we alone? This fundamental question has propelled the curiosity of writers and scientists alike for hundreds of years.

Although we continue to explore our Solar System with satellites and robots, other beings are unlikely to be close enough to see signals on the Earth directly. As light travels faster than any spacecraft we can build, our best chance of communication is likely through the detection of light.

In searching the Universe we often find and learn things we didn't expect. It was through these searches we discovered phenomena such as pulsars. Not only are we searching for the origins of life, or if life outside our Earth exists, we are also looking to fill gaps of our understanding about how the Universe works.

**What is CSIRO's role with Breakthrough Listen?**

Breakthrough Listen is a scientific program to search for evidence of advanced life in the Universe. It is the largest program in the search for extraterrestrial intelligence ever undertaken.

Since October 2016, the Breakthrough Listen science program has been using 25 per cent of the science time available on our Parkes telescope, on a full cost recovery basis. The telescope is ideally located in the southern hemisphere to provide the best view of the Galactic plane.

**How will you know if you've 'found' a sign of extra-terrestrial intelligence?**

It's unlikely, but possible, that an obvious 'smoking gun' signal for extra-terrestrial intelligence will be found. A more likely scenario is that when a detection does occur it will be a signal which appears interesting at first and then doesn't survive a series of increasingly stringent tests.

The properties that a good candidate signal would have are:

- it would be localised to a particular position on the sky where a known planet exists
- it would appear obviously artificial (eg narrow-band, showing an artificial pulse pattern, etc.)
- the signal would follow the proper motions of the star and planets, and
- it would be confirmed by independent teams using independent telescopes, ideally a reasonably long distance away from the telescope that made the discovery.

### Spokespeople

#### CSIRO spokespeople

- s 47F
- s 47F
- s 47F

Commented [RG(NR1)]: To be confirmed

#### Other spokespeople

- Media enquiries on the US report or UAPs can be directed to the Australian Government's Department of Defence media team ([media@defence.gov.au](mailto:media@defence.gov.au)).
- The Breakthrough Listen team has nominated a spokesperson to handle all questions relating to their research program and media enquiries should be directed to Steve Croft at UC Berkeley ([scroft@astro.berkeley.edu](mailto:scroft@astro.berkeley.edu)).
- The Australian Government's 'Astronomer-at-Large', Professor Fred Watson, is also available to speak with media about SETI research. Fred can be contacted via the DISER team s 47F ([@industry.gov.au](mailto:@industry.gov.au)).

Commented [RG(NR2)]: Or alternative contact?

**Freedom of Information**

---

**From:** Media - Australian Space Agency  
**Sent:** Wednesday, 23 June 2021 12:24 PM  
**To:** s 47F  
**Subject:** RE: Enquiries re UFOs/UAPs [SEC=OFFICIAL]

Thanks s 47F will do.

s 47F | Senior Communications and Events Officer  
Australian Space Agency

**P:** s 47F  
**M:** s 47F  
**E:** s 47F @space.gov.au

---

OFFICIAL

**From:** s 47F  
**Sent:** Tuesday, 22 June 2021 2:52 PM  
**To:** s 47F @space.gov.au; s 47F @space.gov.au  
**Cc:** Media - Australian Space Agency <Media@space.gov.au>  
**Subject:** FW: Enquiries re UFOs/UAPs [SEC=OFFICIAL]

Hi team,

If/when enquiries do come through about UFOs/UAPs, please send them through to Fred Watson either via phone (s 47F ) or email (s 47F ).

We'll also need to keep track of them for Departmental media reporting.

Thanks,

s 47F | A/g Assistant Manager, Communications  
Australian Space Agency

**P:** s 47F  
**M:** s 47F  
**E:** s 47F @space.gov.au

Media enquiries: [media@space.gov.au](mailto:media@space.gov.au), Media phone: +61 8 8406 4798

---

OFFICIAL

**From:** s 47F  
**Sent:** Tuesday, 22 June 2021 3:19 PM  
**To:** s 47F @space.gov.au  
**Cc:** Media - Australian Space Agency <[Media@space.gov.au](mailto:Media@space.gov.au)>  
**Subject:** RE: Enquiries re UFOs/UAPs [SEC=OFFICIAL]

s 47F  
Hi

Please forward any requests directly to Fred either via phone (s 47F ) or email s 47F ).

Cheers

---

OFFICIAL

---

**From:** s 47F  
**Sent:** Tuesday, 22 June 2021 10:40 AM  
**To:** s 47F <[@industry.gov.au](mailto:@industry.gov.au)>  
**Cc:** Media - Australian Space Agency <[Media@space.gov.au](mailto:Media@space.gov.au)>  
**Subject:** RE: Enquiries re UFOs/UAPs [SEC=OFFICIAL]

Hi s 47F fantastic! I'll go back to s 47F now, so I'll cc you in and ask for the briefing. As s 47F mentioned in the initial email, CSIRO might do some media if it's from reputable sources around SETI, but we'll keep Fred as the main contact.

How would you like us to forward any requests through to Fred?

Cheers,

s 47F | A/g Assistant Manager, Communications  
**Australian Space Agency**

**P:** s 47F  
**M:** s 47F  
**E:** s 47F <[@space.gov.au](mailto:@space.gov.au)>

**Media enquiries:** [media@space.gov.au](mailto:media@space.gov.au), **Media phone:** +61 8 8406 4798

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OFFICIAL

---

**From:** s 47F  
**Sent:** Tuesday, 22 June 2021 10:05 AM  
**To:** s 47F <[@space.gov.au](mailto:@space.gov.au)>  
**Cc:** Media - Australian Space Agency <[Media@space.gov.au](mailto:Media@space.gov.au)>  
**Subject:** RE: Enquiries re UFOs/UAPs [SEC=OFFICIAL]

s 47F – Fred is happy to be first contact.

He'd like a briefing on CSIRO's involvement with SETI – should I contact s 47F directly for that?

Cheers

s 47F

---

OFFICIAL

---

**From:** s 47F  
**Sent:** Tuesday, 22 June 2021 9:25 AM  
**To:** s 47F <[@industry.gov.au](mailto:@industry.gov.au)>  
**Cc:** Media - Australian Space Agency <[Media@space.gov.au](mailto:Media@space.gov.au)>  
**Subject:** RE: Enquiries re UFOs/UAPs [SEC=OFFICIAL]

Amazing, thank you!

s 47F | A/g Assistant Manager, Communications  
**Australian Space Agency**

**P:** s 47F  
**M:** s 47F  
**E:** s 47F <[@space.gov.au](mailto:@space.gov.au)>

Media enquiries: [media@space.gov.au](mailto:media@space.gov.au), Media phone: +61 8 8406 4798

OFFICIAL

---

**From:** s 47F  
**Sent:** Tuesday, 22 June 2021 9:24 AM  
**To:** s 47F <[@space.gov.au](mailto:@space.gov.au)>  
**Cc:** Media - Australian Space Agency <[Media@space.gov.au](mailto:Media@space.gov.au)>  
**Subject:** RE: Enquiries re UFOs/UAPs [SEC=OFFICIAL]

Hi s 47F – yep, Fred works in our Branch so I'll get in touch with him now to give him the heads up.

If there are any issues, I'll let you know immediately.

s 47F

OFFICIAL

---

**From:** s 47F  
**Sent:** Monday, 21 June 2021 1:59 PM  
**To:** s 47F <[@industry.gov.au](mailto:@industry.gov.au)>  
**Cc:** Media - Australian Space Agency <[Media@space.gov.au](mailto:Media@space.gov.au)>  
**Subject:** FW: Enquiries re UFOs/UAPs [SEC=OFFICIAL]

Hi s 47F

I've got a strange one for you:

The US Congress is being presented with a AUP/UFO report in a few days. CSIRO is looking for a central Australian Government spokesperson to direct enquiries to, and the MO has agreed that Fred Watson would be a good central contact.

Are you the person we go through for enquiries for Fred, to make sure he'd be okay with this? We'd like to get this sorted ASAP before the questions come in.

Cheers,

s 47F | A/g Assistant Manager, Communications  
Australian Space Agency

**P:** s 47F  
**M:** s 47F  
**E:** s 47F <[@space.gov.au](mailto:@space.gov.au)>

Media enquiries: [media@space.gov.au](mailto:media@space.gov.au), Media phone: +61 8 8406 4798

OFFICIAL

---

**From:** s 47F <[@csiro.au](mailto:@csiro.au)>  
**Sent:** Thursday, 17 June 2021 10:13 AM  
**To:** Media - Australian Space Agency <[Media@space.gov.au](mailto:Media@space.gov.au)>; s 47F <[@space.gov.au](mailto:@space.gov.au)>; s 47F <[@space.gov.au](mailto:@space.gov.au)>  
**Cc:** s 47F <[@csiro.au](mailto:@csiro.au)>  
**Subject:** Enquiries re UFOs/UAPs

Hi team

You're probably aware that a much-anticipated "UAP/UFO report" will be released to the US Congress and made public, I've heard around 25 June. We have people who work on SETI - the search for extraterrestrial intelligence, which is an established area of radio astronomy research - and we're expecting an increase in enquiries. We don't want to talk about UFOs/UAPs but depending on the outlet and their questions can talk about SETI.

I'm wondering, is there an official Australian Government contact on UFOs/UAPs to whom we should pass on media enquiries? I'm thinking it would likely be a Defence org. We're happy to make other enquiries with AusGov departments but thought you might already have this info to hand.

Best wishes

s 47F

Communication Manager, Space, Astronomy and Scientific Computing  
Corporate Affairs | CSIRO  
s 47F @csiro.au | s 47F  
PO Box 93 North Ryde NSW 2113

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**Freedom of Information**

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**From:** s 47F  
**Sent:** Tuesday, 22 June 2021 10:41 AM  
**To:** s 47F ; Media - Australian Space Agency; s 47F  
 s 47F  
**Cc:** s 47F  
**Subject:** b  
 RE: Enquiries re UFOs/UAPs [SEC=OFFICIAL]

s 47F  
 Hi

We've received word that Fred Watson is okay with being the point of contact for these enquiries, but would like a briefing on CSIRO's SETI work. Would you be able to organise this? I've cc'd in s 47F , who can connect you.

You're welcome to answer questions on your SETI work that come straight to you – however, we'll direct any enquiries that come to us straight to Fred.

Cheers,

s 47F | A/g Assistant Manager, Communications  
**Australian Space Agency**

**P:** s 47F  
**M:** s 47F  
**E:** s 47F @space.gov.au

**Media enquiries:** [media@space.gov.au](mailto:media@space.gov.au), **Media phone:** +61 8 8406 4798

OFFICIAL

---

**From:** s 47F  
**Sent:** Monday, 21 June 2021 3:11 PM  
**To:** s 47F @csiro.au>; Media - Australian Space Agency  
 <Media@space.gov.au>; s 47F @space.gov.au>; s 47F  
 @space.gov.au>  
**Cc:** s 47F @csiro.au>; s 47F  
 @csiro.au>  
**Subject:** RE: Enquiries re UFOs/UAPs [SEC=OFFICIAL]

Yes, apologies – you're welcome to answer SETI questions etc., but if we want a central point of contact, it can be Fred.

I haven't heard anything from Defence, apologies.

s 47F | A/g Assistant Manager, Communications  
**Australian Space Agency**

**P:** s 47F  
**M:** s 47F  
**E:** s 47F @space.gov.au

**Media enquiries:** [media@space.gov.au](mailto:media@space.gov.au), **Media phone:** +61 8 8406 4798

OFFICIAL

**From:** s 47F [@csiro.au](mailto:@csiro.au)  
**Sent:** Monday, 21 June 2021 3:06 PM  
**To:** s 47F [@space.gov.au](mailto:@space.gov.au); Media - Australian Space Agency <[Media@space.gov.au](mailto:Media@space.gov.au)>; s 47F  
[@space.gov.au](mailto:@space.gov.au); s 47F [@space.gov.au](mailto:@space.gov.au)  
**Cc:** s 47F [@csiro.au](mailto:@csiro.au); s 47F

**Subject:** RE: Enquiries re UFOs/UAPs [SEC=OFFICIAL]

Hi s 47F many thanks for the update. I'm not quite sure what that means for CSIRO being able to talk about our SETI work? I presume that we still can, but questions specifically on the UFO/UAP report to Congress are to be handled by Fred?

Do you know if other agencies/Depts (eg Defence) are also looking to prepare responses or expect to be a central contact point?

s 47F

Communication Manager, Space, Astronomy and Scientific Computing  
Corporate Affairs | CSIRO  
s 47F [@csiro.au](mailto:@csiro.au) | s 47F

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**From:** s 47F [@space.gov.au](mailto:@space.gov.au)  
**Sent:** Monday, 21 June 2021 1:59 PM  
**To:** s 47F [@csiro.au](mailto:@csiro.au); Media - Australian Space Agency  
<[Media@space.gov.au](mailto:Media@space.gov.au)>; s 47F [@space.gov.au](mailto:@space.gov.au); s 47F  
>  
**Cc:** Keen, Mikayla (CorpAffairs, Marsfield) <[Mikayla.Keen@csiro.au](mailto:Mikayla.Keen@csiro.au)>  
**Subject:** RE: Enquiries re UFOs/UAPs [SEC=OFFICIAL]

Hi s 47F

Just keeping you in the loop. The Minister's Office thinks it's best if Fred Watson, Australia's Astronomer-at-large, is the central contact. I'm just working on getting this confirmed with the SKA/Astronomy team here at the Department, and will let you know when it's completely locked in.

Cheers,

s 47F A/g Assistant Manager, Communications  
**Australian Space Agency**

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**Media enquiries:** [media@space.gov.au](mailto:media@space.gov.au), **Media phone:** +61 8 8406 4798

**OFFICIAL**

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**From:** s 47F [@csiro.au](mailto:@csiro.au)  
**Sent:** Thursday, 17 June 2021 4:48 PM  
**To:** s 47F [@space.gov.au](mailto:@space.gov.au); Media - Australian Space Agency <[Media@space.gov.au](mailto:Media@space.gov.au)>; s 47F  
[@space.gov.au](mailto:@space.gov.au); s 47F [@space.gov.au](mailto:@space.gov.au)  
**Cc:** s 47F [@csiro.au](mailto:@csiro.au)  
**Subject:** RE: Enquiries re UFOs/UAPs [SEC=OFFICIAL]

Thanks s 47F I'm keen to hear more as soon as possible – if this hits next week I'd like to be prepared.

s 47F

Communication Manager, Space, Astronomy and Scientific Computing  
Corporate Affairs | CSIRO  
s 47F @csiro.au | s 47F

---

**From:** s 47F @space.gov.au  
**Sent:** Thursday, 17 June 2021 11:49 AM  
**To:** s 47F @csiro.au; Media - Australian Space Agency  
<Media@space.gov.au>; s 47F @space.gov.au; s 47F  
s 47F @space.gov.au  
**Cc:** s 47F @csiro.au  
**Subject:** RE: Enquiries re UFOs/UAPs [SEC=OFFICIAL]

Thanks s 47F this is an unusual one!

As far as we know, there is no official Government media contact for UFOs, though we thought that Fred Watson, the Astronomer-at-large, could be a good central person. However, as this is being presented to Congress, we want to check that the Minister's Office wouldn't prefer for the Agency to answer questions (although it's not really our remit). We'll follow a few leads and get back to you.

Cheers,

s 47F | A/g Assistant Manager, Communications  
**Australian Space Agency**

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OFFICIAL

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**From:** s 47F @csiro.au  
**Sent:** Thursday, 17 June 2021 10:13 AM  
**To:** Media - Australian Space Agency <Media@space.gov.au>; s 47F @space.gov.au; s 47F  
s 47F @space.gov.au  
**Cc:** s 47F @csiro.au  
**Subject:** Enquiries re UFOs/UAPs

Hi team

You're probably aware that a much-anticipated "UAP/UFO report" will be released to the US Congress and made public, I've heard around 25 June. We have people who work on SETI - the search for extraterrestrial intelligence, which is an established area of radio astronomy research - and we're expecting an increase in enquiries. We don't want to talk about UFOs/UAPs but depending on the outlet and their questions can talk about SETI.

I'm wondering, is there an official Australian Government contact on UFOs/UAPs to whom we should pass on media enquiries? I'm thinking it would likely be a Defence org. We're happy to make other enquiries with AusGov departments but thought you might already have this info to hand.

Best wishes

s 47F

Communication Manager, Space, Astronomy and Scientific Computing  
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**Australian Government**  
**Department of Industry,  
Innovation and Science**

Our ref: 62737

s 47F

By email: s 47F

s 47F

**Freedom of Information Act 1982 – Notice of Decision**

I refer to your correspondence, received by the Department of Industry, Innovation and Science (the department) on 30 April 2019 for access under the *Freedom of Information Act 1982* (FOI Act) to the following:

*Any Reports, Documents, Guidelines and or Operational Polices and or Procedures within The Department of Industry Innovation and Science - The Australian Space Agency, relating to or pertaining to the Terms of UFO Unidentified Flying Objects, UAS Unusual Aerial Sightings, UAP Unusal Aerial Phenomena, UAC Unusual Aerial Craft and UAV Unusual Aerial Vehicles.*

**Decision**

I am an authorised decision maker under section 23 of the FOI Act.

I am satisfied that reasonable searches have been conducted to locate documents relevant to your request but they do not exist. I have therefore decided to refuse your request in accordance with section 24A of the FOI Act on the grounds that the documents you have requested do not exist.

If you are dissatisfied with any part of my decision, your review rights are set out in **Attachment B**.

Please do not hesitate to contact the FOI team at [FOI@industry.gov.au](mailto:FOI@industry.gov.au), if you require any further clarification.

Yours sincerely,

s 47F

Deputy Head  
Australian Space Agency

20 May 2019

*One page removed under s22 of the FOI Act as irrelevant information*

Archived: Monday, 20 September 2021 10:30:31 AM

From: [POLITICO Space](#)

Mail received time: Fri, 31 May 2019 21:02:36

Sent: Fri, 31 May 2019 05:02:09

To: s 47F

Subject: Program delays, cost increases imperil NASA's big plans — Q&A: Northrop Grumman's Omega rocket chief — New documentary on Pentagon UFO research airs tonight

Importance: Normal

Sensitivity: None

May 31, 2019

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# POLITICO SPACE

WITAP2BY BRYAN BENDER

*With help from Connor O'brien*

QUICK FIX

s 22

WITAP2— New documentary on Pentagon UFO research airs tonight. —

WITAP2WELCOME TO [POLITICO SPACE](#), our must-read briefing on the policies and personalities shaping the new space age in Washington and beyond, publishing each Friday. Email us at [jklimas@politico.com](mailto:jklimas@politico.com), [bbender@politico.com](mailto:bbender@politico.com) or [dbrown@politico.com](mailto:dbrown@politico.com) with tips, pitches and feedback, and find us on Twitter at [@jacqklimas](https://twitter.com/jacqklimas), [@bryandbender](https://twitter.com/bryandbender) and [@dave\\_brown24](https://twitter.com/dave_brown24). And don't forget to check out POLITICO's astropolitics page [here](#) for articles, Q&As, opinion and more.

SPACE Q&A

*4 pages removed under s22 of the FOI Act as irrelevant information*

**tap2PENTAGON'S UFO RESEARCH FEATURED IN NEW**

**DOCUMENTARY.** The Pentagon's increasingly public efforts to study mysterious aircraft reported by military pilots and other personnel goes prime time tonight on the History Channel with ["Unidentified: Inside America's UFO Investigation."](#) The first of six episodes, "The UFO Insiders," will delve into the Pentagon's Advanced Aerospace Threat Intelligence Program, which was revealed publicly for the first time by [POLITICO](#) and the [New York Times](#) in late 2017. (Editor's note: Yours truly was interviewed for the series about POLITICO's groundbreaking reporting on the Pentagon efforts).

**tap2"This is not a UFO hunting show, but a series that will hopefully provoke** a cultural conversation about unexplained phenomena and allow our viewers to ultimately draw their own conclusions," says Eli Lehrer, executive vice president and head of programming at the History Channel. The show debuts as [new details](#) were revealed this week by the New York Times about the experience of pilots on the USS Theodore Roosevelt in 2014-2015. And Vanity Fair is just out with its [own provocative take](#) on what all this recent government openness about UFOs might portend.

**tap2QUOTE OF THE WEEK:** "I'll believe anything, no matter how wild and ridiculous, if there is evidence for it. The wilder and more ridiculous something is, however, the firmer and more solid the evidence will have to be." — Isaac Asimov (1920-1992), science-fiction author and professor of biochemistry.

 **READING ROOM**

*2 pages removed under s22 of the FOI Act as irrelevant information*



*4 pages removed under s22 of the FOI Act as irrelevant information*

Archived: Monday, 20 September 2021 10:31:02 AM

From: [POLITICO Space](#)

Mail received time: Fri, 7 Dec 2018 23:01:54

Sent: Fri, 7 Dec 2018 06:01:44

To: s 47F

Subject: POLITICO Space, presented by Lockheed Martin: FAA preps major space reforms — Europe's space chief: Share more satellite location data — NASA in UFO spotlight

Importance: Normal

Sensitivity: None

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[\itap2View online version](#)

# POLITICO SPACE

\itap2

\itap212/07/2018 07:00 AM EDT

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\itap2By JACQUELINE KLIMAS ([jklimas@politico.com](mailto:jklimas@politico.com); [@jacqklimas](#)), BRYAN BENDER ([bbender@politico.com](mailto:bbender@politico.com); [@BryanDBender](#))

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\itap2

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\itap2With Brianna Gurciullo

**VITAP4PRE-FLIGHT BRIEFING**

*1 page removed under s22 of the FOI Act as irrelevant information*

**litap2NASA BEAMED INTO UFO DEBATE.** A NASA scientist made some waves this week when a research paper he co-authored calling for greater efforts to determine if extraterrestrials have

visited Earth was seized upon by the UFO community hit the media. Silvano Colombano from NASA's Intelligent Systems Division argues in the March [paper](#) that NASA needs to question its assumptions about the [search for extraterrestrial intelligence](#).

**¶**The UFO community went into hyper space over what one called "another little crack in the taboo." But some got carried away, suggesting that Colombano had reported that space aliens have been here. "It is not accurately represented," Colombano [said](#) of his work. "My perspective was simply that reports of unidentified aerial phenomena should be the object of serious study, even if the chance of identification of some alien technology is very small."

**¶**Indeed, his paper calls on NASA to study "speculative physics" to "stretch possibilities as to the nature of space-time and energy"; assess how future robotic systems with artificial intelligence might contain a "symbiosis of biology and machine"; and "engage sociologists in speculation about what kinds of societies we might expect...and whether and how they might choose to communicate."

*2 pages removed under s22 of the FOI Act as irrelevant information*

**Archived:** Monday, 20 September 2021 10:31:17 AM

**From:** [The Conversation](#)

**Mail received time:** Mon, 14 Jun 2021 06:29:41

**Sent:** Mon, 14 Jun 2021 06:28:32

**To:** s 47F

**Subject:** Do aliens exist? We asked five experts

**Importance:** Normal

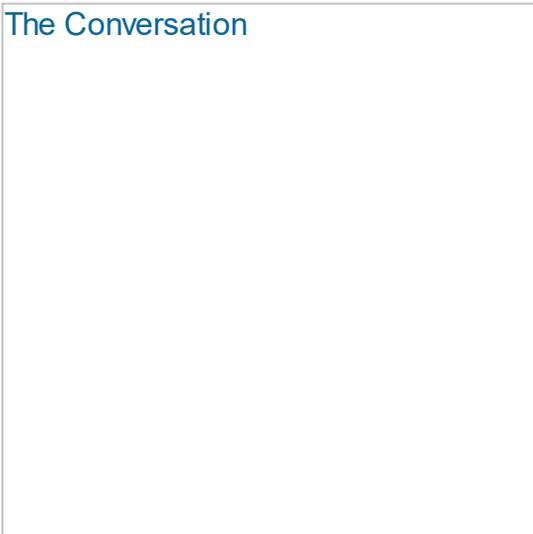
**Sensitivity:** None

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\itap3AU Edition | 14 June 2021

## The Conversation



\itap3Academic rigour, journalistic flair

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\itap3In the coming weeks, it's expected the US Pentagon's task force in charge of investigating UFO sightings will once and for all dispel the belief these could be signs of alien visitation. That is, according to some preliminary insight provided to the New York Times by anonymous sources.

\itap3It wouldn't be the first time government officials have rebuffed rumours linking unidentified flying objects with alien visitors. But whether aliens are out there at all is an entirely different question. [We spoke to 5 experts](#) about whether they believe life as we know it may exist somewhere other than Earth.

\itap3Four out of five said yes. But the more elaborate summary is a nuanced one. While extraterrestrial life may well exist, they noted this life may be minuscule and primitive, akin to Earth's earliest microorganisms.

\itap3Some asked: even if aliens happened to be intelligent like humans — and interested in making contact with us — what are the chances they will be close enough

for us to hear them screaming their presence into the cosmos?

And even if they are close enough, what are the chances their signals will arrive in any kind of form that we, with our limited technologies, can detect?

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**Noor Gillani**



Deputy Editor, Science and Technology



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**Do aliens exist? We asked five experts**

Even if aliens exist, are intelligent like humans and interested in making contact with us, what are the chances they'll be close enough for us to hear them screaming their presence into the cosmos?

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