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NATIONAL SECURITY AGENCY
CENTRAL SECURITY SERVICE
FORT GEORGE G. MEADE, MARYLAND 20755-6000

FOIA Case: 101126A
12 May 2017

JOHN GREENEWALD
[REDACTED]

Dear Mr. Greenewald:

This responds to your Freedom of Information Act (FOIA) request of 17 March 2017 for Intellipedia pages on "X-37 and/or X-37B." As stated in our previous letter, dated 20 March 2017, your request was assigned Case Number 101126. A copy of your request is enclosed. For purposes of this request and based on the information you provided in your letter, you are considered an "all other" requester. As such, you are allowed 2 hours of search and the duplication of 100 pages at no cost. There are no assessable fees for this request. Your request has been processed under the FOIA.

For your information, NSA provides a service of common concern for the Intelligence Community (IC) by serving as the executive agent for Intelink. As such, NSA provides technical services that enable users to access and share information with peers and stakeholders across the IC and DoD. Intellipedia pages are living documents that may be originated by any user organization, and any user organization may contribute to or edit pages after their origination. Intellipedia pages should not be considered the final, coordinated position of the IC on any particular subject. The views and opinions of authors do not necessarily state or reflect those of the U.S. Government.

We conducted a search of all three levels of Intellipedia for the requested topic, and located two documents that are responsive to your request. The documents are enclosed. Certain information, however, has been deleted from the enclosures.

This Agency is authorized by statute to protect certain information concerning its activities (in this case, internal URLs) as well as the names of its employees. Such information is exempt from disclosure pursuant to the third exemption of the FOIA, which provides for the withholding of information specifically protected from disclosure by statute. The specific statute applicable in this case is Section 6, Public Law 86-36 (50 U.S. Code 3605). We have determined that such information exists in this record, and we have excised it accordingly.

In addition, personal information regarding individuals has been deleted from the enclosures in accordance with 5 U.S.C. 552 (b)(6). This exemption protects from disclosure information that would constitute a clearly unwarranted invasion of personal privacy. In balancing the public interest for the information you request against the privacy interests involved, we have determined that the privacy interests sufficiently satisfy the requirements for the application of the (b)(6) exemption.

Since these deletions may be construed as a partial denial of your request, you are hereby advised of this Agency's appeal procedures. You may appeal this decision. If you decide to appeal, you should do so in the manner outlined below.

- The appeal must be in writing and addressed to:

NSA/CSS FOIA/PA Appeal Authority (P132),
National Security Agency
9800 Savage Road STE 6932
Fort George G. Meade, MD 20755-6932

- It must be postmarked no later than 90 calendar days of the date of this letter.
- Please include the case number provided above.
- Please describe with sufficient detail why you believe the denial of requested information was unwarranted.
- NSA will endeavor to respond within 20 working days of receiving your appeal, absent any unusual circumstances.
- Appeals received after 90 days will not be addressed.

You may also contact our FOIA Public Liaison at foialo@nsa.gov for any further assistance and to discuss any aspect of your request. Additionally, you may contact the Office of Government Information Services (OGIS) at the National Archives and Records Administration to inquire about the FOIA mediation services they offer. The contact information for OGIS is as follows:

Office of Government Information Services
National Archives and Records Administration
8601 Adelphi Rd- OGIS
College Park, MD 20740
ogis@nara.gov
(877) 684-6448
(202) 741-5770
Fax (202) 741-5769

Sincerely,


for

JOHN R. CHAPMAN
Chief, FOIA/PA Office
NSA Initial Denial Authority

Encls:
a/s

(U) X-37

UNCLASSIFIED



(b) (3) - P.L. 86-36

From Intellipedia

You have new messages (last change).



See the Wikipedia article
X-37

The **Boeing X-37** Orbital Test Vehicle is an American unmanned spaceplane. It is operated by the U.S. Air Force for orbital spaceflight missions intended to demonstrate reusable space technologies. The X-37 is a reusable robotic spacecraft that is a 120 percent scaled derivative of the X-40A.

The X-37 began as a NASA project in 1999, then was transferred to the US Department of Defense in 2004. It had its first flight as a drop test on April 7, 2006, at Edwards AFB. The spaceplane's first orbital mission, USA-212, was launched on April 22, 2010 using an Atlas V rocket.^[1]

(U) **20 May 2015:** The unmanned X-37B space plane was scheduled to be carried aloft on its fourth mission by a United Launch Alliance Atlas V from Cape Canaveral Air Force Station in Florida.^[2]

(U) References

1. ↑ "Star Wars 2010? U.S. military launch space plane on maiden voyage... but its mission is top secret (<http://www.dailymail.co.uk/news/worldnews/article-1268138/X-37B-unmanned-space-shuttle-launched-tonight.html>)", *Daily Mail*, 23 April 2010, <<http://www.dailymail.co.uk/news/worldnews/article-1268138/X-37B-unmanned-space-shuttle-launched-tonight.html>>.
2. ↑ "Secret space plane, solar sail launch aboard Atlas V", CNN, Wednesday May 20, 2015.

X-37



(U) X-37B OTV-1 pictured shortly after landing at Vandenberg Air Force Base on 3 December 2006 after a successful maiden flight that lasted more than seven months.

Role	Spaceplane
National origin	United States
Manufacturer	Boeing
First flight	April 7, 2006 (drop test); April 22, 2010 (first spaceflight)
Status	Development and testing
Primary users	NASA/DARPA (X-37A) USAF (X-37B)
Developed from	Boeing X-40

Retrieved from [REDACTED]

Categories: Articles using Infobox aircraft | Boeing aircraft | NASA |
DARPA | United States Air Force

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- This page has been accessed 8,281 times.

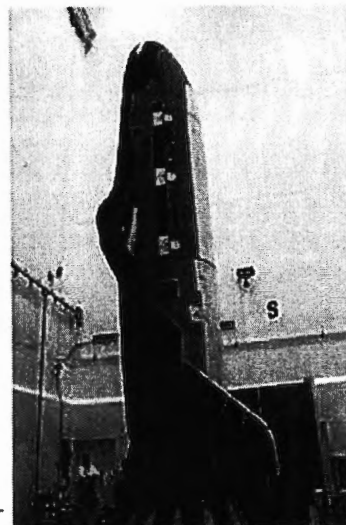
- 11 [REDACTED]

- This page was last modified 19:18, 20 May 2015 by [REDACTED]

Most recent editors: [REDACTED]

[REDACTED] and others.

(b) (6)



(U) Weighing 11,000 lb at launch and measuring 29 ft, 3 inches long with a wing span of 14 ft, 11 inches, the Boeing-built X-37B Orbital Test Vehicle is shown being processed for launch from Cape Canaveral Air Force Station.

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Evidence of unauthorized use collected during monitoring may be used for administrative, criminal, or other adverse actions.

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(U) Boeing X-37B Orbital Test Vehicle

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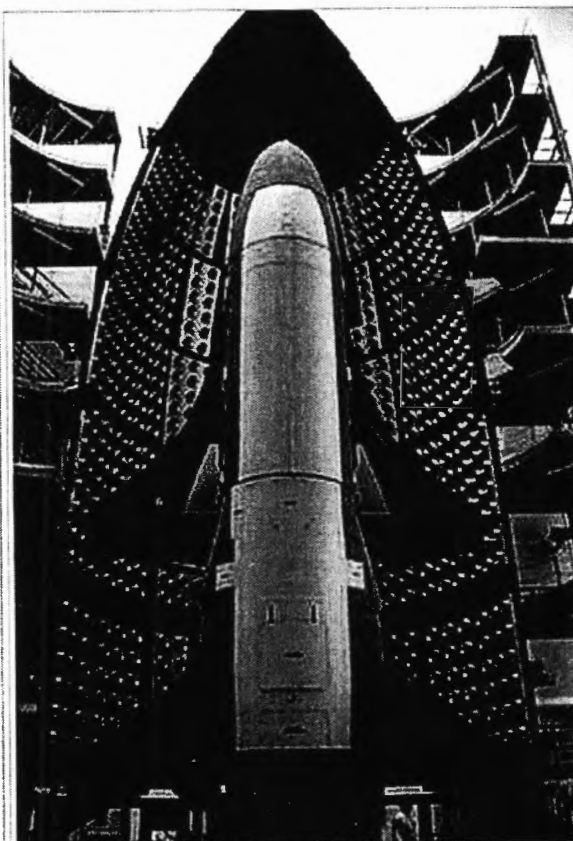
From Intellipedia

You have new messages (last change).

The **X-37B Orbital Test Vehicle (OTV)** is a robotic aircraft that is about one-quarter the size of the Space Shuttle (retired in July 2011) and can glide back down through the atmosphere to land on a runway. It is built by Boeing and used by the US Air Force.^[1]

There are two aircraft. One has flown once, staying in orbit 469 days. The second is about to fly its second in late October 2012. It is the only reusable space plane currently in service by the U.S. military.

X-37B Orbital Test Vehicle (OTV)



X-37B Orbital Test Vehicle (OTV)

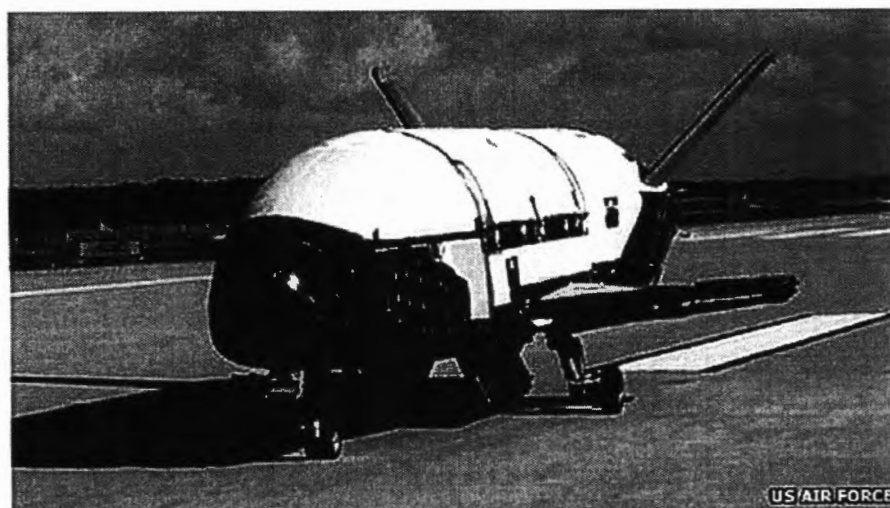
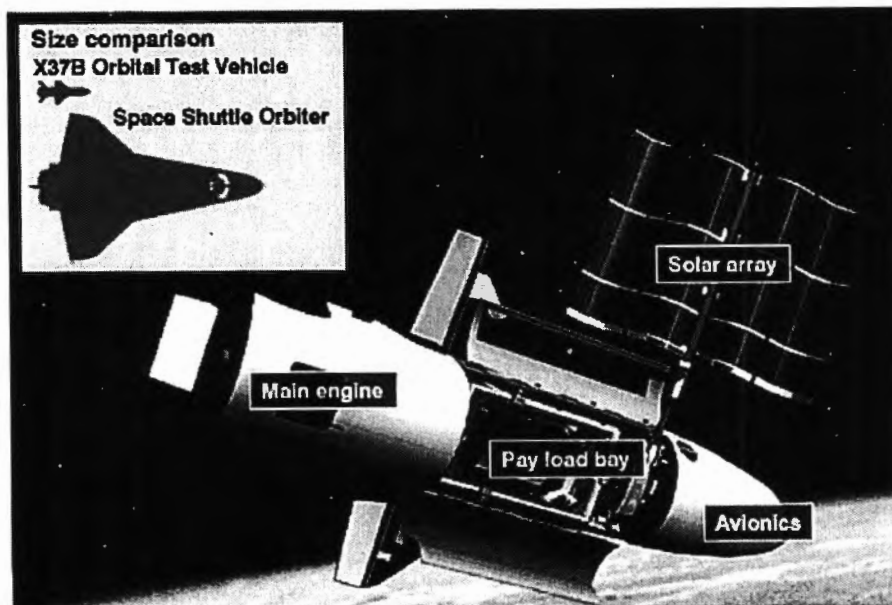
Role	Re-usable testbed for new sensors and other space technologies (advanced guidance, navigation and control, thermal protection systems, avionics and high temperature structures and seals)
Manufacturer	The Boeing Company, Boeing Defense, Space and Security
First flight	April 2010, landed eight months later
Primary user	US Air Force/Air Force Rapid Capabilities Office (AFRCO)
Number built	2
Unit cost	\$1B estimated
Developed from	AFRL X-40A. NASA X-37 project. Transferred to DARPA in

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Approved for Release by NSA on 05-12-2017 FOIA Case 101126

3/20/2017

Sep 2004



Specifications

X-37B Data^[2]

Power plant	Gallium Arsenide Solar Cells with lithium-Ion batteries (vs. fuel-cell power system for Space Shuttle)
Wingspan	14 feet, 11 inches (4.5 meters)
Length	29 feet, 3 inches (8.9 meters)
Height	9 feet, 6 inches (2.9 meters)
Max T-O	11,000 pounds (4,990 kilograms) (1/4 the

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3/20/2017

weight	weight of a space shuttle. payload bay roughly the size of a pickup truck bed)
Operating altitude	LEO, >300 km, inclination 42.79 degrees
Endurance	270 days
Guidance and control	Fully autonomous
Launch	United Launch Alliance Atlas V (501) from Cape Canaveral AFS, FL
Recovery	Autonomous re-entry and landing at Vandenberg AFB, CA (first in US space program). Air Force considering shifting landing site to Shuttle Landing Facility, Kennedy Space Center, FL, to save costs by leveraging previous space shuttle investments.

References

1. ↑ "X-37B military spaceplane launches from Cape Canaveral", BBC, 23 Apr 2010
2. ↑ "X-37B ORBITAL TEST VEHICLE", US Air Force Factsheets

See Also

- https://en.wikipedia.org/wiki/Boeing_X-37
- "X-37B US military spaceplane returns to Earth", BBC, 3 Dec 2010
- "X-37B spaceplane 'spying on China'", BBC, 5 Jan 2012
- "US Air Force Prepares for Third X-37B Mission", UAS Vision, 1 October 2012

Retrieved from [REDACTED]

Category: UAVs and Drones

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- 1 watching user
- This page was last modified 13:00, 1 October 2012 by [REDACTED]

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3/20/2017

From: donotreply@nsa.gov
Sent: Friday, March 17, 2017 5:36 PM
To: donotreply@nsa.gov
Subject: FOIA Request (Web form submission)

Title: Mr.

Full Name: John Greenewald

email: john@greenewald.com

Company: The Black Vault

Postal Address: [REDACTED]

Postal City: [REDACTED]

Postal State-prov: [REDACTED]

Zip Code: [REDACTED]

Country: United States of America

Home Phone: [REDACTED]

Work Phone: [REDACTED]

Records Requested: To whom it may concern,

This is a non-commercial request made under the provisions of the Freedom of Information Act 5 U.S.C. S 552. My FOIA requester status as a "representative of the news media" however due to your agency's denial of this status, I hereby submit this request as an "All other" requester.

I prefer electronic delivery of the requested material either via email to john@greenewald.com, FAX 1-818-659-7688 or via CD-ROM or DVD via postal mail. Please contact me should this FOIA request should incur a charge.

I respectfully request a copy of the Intellipedia entry (from all three Wikis that make up the Intellipedia) for the following entry(s) (Or whatever similar topic may pertain if it is slightly worded differently):

X-37

and/or

X-37B

Thank you so much for your time, and I am very much looking forward to your response.

Sincerely,

John Greenewald, Jr.

[REDACTED]

[REDACTED]

FAX 1-818-659-7688