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[Virtual Library] HP <http://www.space-library.com> ミルスペースのアーカイブ, Virtual 書架 他以下をアップ:

3項: Cambridge Encyclopedia of Space (Chapter 5 'Space Policy and Budgets') 和訳を掲載

(Cover, pdf, LINK): Northern Light 06.09.22, Astro News 06.09.22 アップ

(Cover, LINK): Space Observer 06.09.21, Satellite Flyer 06.09.21 アップ

(Cover, pdf, Contents, Archive LINK): Focus NEDO No.23 アップ

[寄贈] '科学技術動向No.66 2006.9' 文科省 科学技術政策研究所より寄贈、感謝

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[独断と偏見] HP のアクセス数が 1 年で 6,000 超になる見込みとメール配信数が一回で約 1,600 超になることを合せて考えてみる。HP アクセス者のほとんどはメール受信者として、1 人平均年 4 回弱ということになる。もし、そうだとすると、HP 中の Daily の新聞、Weekly の新聞・雑誌、Monthly の雑誌もかなり歯抜けの形でしか見ていないことになる。多くの資料は取下げた後、閲覧者が未読の情報という事になる。平均数値で見る限りにおいて、1 人 1 人の情報取得量というのは随分少ないのではなかろうかというのが下名の印象である。アクセスしたからと

言って、恐らくそこにある資料のほんの一部を一瞥して毎日が過ぎるに違いない。そうだとすると、情報を一瞥してなんらかの印象が残るような画像かアイコンの形にする必要性がいつそう高いのかもしれない。必要な情報のワンストップショッピングができ、2次元状に有効なものが並んでいるバーチャル書架は 1 つの解ではあろう。もっとも各位のニーズは異なり情報源もそれに応じ多種多数あるわけなので、最大公約数が目標となろうか。

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[ビデオ] [Ansari on space experience](#) ISS 上のアンサリさんとのインタビュー

<http://www.wfaa.com/sharedcontent/VideoPlayer/videoPlayer.php?vidId=89825&catId=104>

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September 25, 2006 Defense News

**中国が地上からのレーザーで米国衛星をみつぶししようとした**

**China Tried To Blind U.S. Sats With Laser**

China has fired high-power lasers at U.S. spy satellites flying over its territory in what experts see as a test of Chinese ability to blind the spacecraft, according to sources. It remains unclear

how many times a ground-based laser was tested against U.S. spacecraft or whether it was successful.

<http://www.defensenews.com/channel.php?C=thisweek>

[同報] 2006.9.29 読売 米偵察衛星 中国がレーザー兵器照射

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2006-09-25 stars&stripes page 3 該当紙 全文は <http://www.space-library.com/> 5.1 航空宇宙関連 新聞、雑誌 からダウンロード可

**海軍大将は北朝鮮のミサイルに疑念**

**Admiral doubts N. Korean missiles**

By Peter Spiegel, Los Angeles Times

WASHINGTON – The U. S. Navy Admiral in charge of American forces in Asia said Friday he does not believe that North Korea has a missile capable of reaching long distances and is unlikely to have one “for a while.”

Adm. William J. Fallon, the military’s top officer in the Pacific, said that although the U.S. has limited intelligence on the North Korean missile program and even less on its intentions, the failure of Pyongyang’s test of a long-range missile in July was a

sign such technologies remain out of the regime’s grasp. “The fact that it failed, and the fact that apparently the last time they did this, which was eight years ago, it was also a failure, indicates some problems,” Fallon told a group of military writers. (後略)

### USNORTHCOM はポッド・キャストを開始

#### USNORTHCOM begins podcasting

United States Northern Command began podcasting news about homeland defense and civil support to military and civilian audiences worldwide Sept. 12 here.

“I think it’s a very important responsibility for the command to keep people informed about our purpose and activities. Instituting this podcast is another way to accomplish this critical mission,” said Mr. Michael B. Perini, Director of Public Affairs for the North American Aerospace Defense Command (NORAD) and USNORTHCOM.

The first episode of the USNORTHCOM podcasting service is

available at [http://www.northcom.mil/pc\\_pod/podcast/index.htm](http://www.northcom.mil/pc_pod/podcast/index.htm).

Podcasting is a method of publishing audio broadcasts via the Internet, allowing users to subscribe to a feed of new files, usually MP3s. Subscribers can listen to these files on their computers, or load them on to MP3 players. Podcasting is distinct from other types of online media delivery because of its subscription model. Listeners can subscribe to feeds using free “podcatching” software, which periodically checks for and downloads new content automatically. The USNORTHCOM feed is available at no cost at its website, [www.northcom.mil](http://www.northcom.mil). (後略)

### 米軍宇宙組織は 2007 年にシャイアン・マウンテンからバンデンバーグに引越し予定

#### Space unit to move from Cheyenne Mountain in 2007

PETERSON AIR FORCE BASE, Colo. –The Space Control Center, operated by the 1<sup>st</sup> Space Control Squadron, is transferring its operations from Cheyenne Mountain Air Force Station, Colo., to the Joint Space Operations Center at Vandenberg Air Force Base, Calif. The move is part of an effort to enhance mission effectiveness and increase Air Force Space Command’s flexibility to support combatant commanders in meeting national and military space needs.

Approximately 140 people will move to Vandenberg AFB, including military members, civil servants and contractors, from January through July 2007.

The Space Control Center serves as the command and control hub for all U.S. space surveillance activities, while the Joint Space Operations Center, or JSpOC, integrates various joint space capabilities and focuses them for end users to improve warfighting capabilities. The consolidation of military space capabilities and expertise at the JSpOC is another step forward in AFSPC’s efforts to improve the nation’s ability to more

effectively respond to new and emerging threats.

“We have a duty to secure the entire space domain, not just for our own military but for the benefit of the free world,” said Gen. Kevin Chilton, AFSPC commander.

“Our ability to defend the asymmetric advantage we enjoy today depends on our ability to increase our situational awareness of the space domain. We need to progress from cataloging what is up there to being able to tell the capabilities and owner’s intentions of any new object put into space,” he said.

The Space Control Center is not part of the Cheyenne Mountain Operations Center, nor does it fall under the auspices of North American Aerospace Defense Command or U.S. Northern Command.

It belongs to AFSPC and 14th Air Force. The decision to move space operations out of Cheyenne Mountain was independent of the NORAD-USNORTHCOM study to relocate the CMOC. Headquarters AFSPC will remain here. (Courtesy of Air Force Space Command Public Affairs)



## 中国から人民解放軍空軍の武官が Peterson 空軍基地を訪問

### Making new friends

Adm. Timothy J. Keating, commander of North American Aerospace Defense Command and U.S. Northern Command, greets members of the Chinese People's Liberation Army Air Force at NORAD-USNORTHCOM headquarters at Peterson Air Force Base, Sept. 12. The Chinese officers visited the commands to exchange ideas and develop professional relationships with American Air Force officers.



Photo by Sgt. 1st Class Gail Braymen

2006年9月25日 人民網日本語版

## 実験衛星「実践8号」、回収に成功 宇宙で種子研究

今月9日に打上げられた宇宙育種衛星「実践8号」は24日、15日間にわたる宇宙での任務を終え、予定通り四川省の回収エリアに帰還した。機体の状態は良好で、関連部門により回収された。

実践8号は、宇宙での種子栽培研究専用の回収型科学技術試

験衛星としては国内初のもの。今月9日に甘肅省の酒泉衛星打上げセンタから打上げられ、遺伝子変異誘発技術の実験や栽培メカニズムの研究など、宇宙空間でさまざまな実験を行った。運行時間は355時間、運行距離は約900万キロに達した。(編集 KS)

2006.9 科学技術動向 No.66 トピックス page 7

## 月面着陸を目指す各国の月探査計画

[http://www.nistep.go.jp/achiev/ftx/jpn/stfc/stt066j/0609\\_02\\_topics/200609\\_topics.html#0609fron](http://www.nistep.go.jp/achiev/ftx/jpn/stfc/stt066j/0609_02_topics/200609_topics.html#0609fron)

2006-09-21 satelliteflyer page 11 該当紙 全文は <http://www.space-library.com/> 5.1 航空宇宙関連 新聞、雑誌 からダウンロード可

## Hunter-Killer MQ-9 UAVに Reaper(自動刈取り機、狩人?)の名が付けられた

'Reaper' name given to 'hunter-killer' MQ-9 UAV [編注] 要するに新しいセンサなりパイロードを搭載した新用途派生版 Predator ですね。

Air Force Print News

WASHINGTON, D.C.—“Reaper” has been chosen as the name for the MQ-9 unmanned aerial vehicle.

The Air Force is the Department of Defense's executive agent for designating and naming military aerospace vehicles.

In the case of the Reaper, Air Force Chief Staff Gen. Michael Moseley made the final decision after an extensive nomination and review process, coordinated with the other services. “The name Reaper is one of the suggestions that came from our Airmen in the field. It's fitting as it captures the lethal nature of this new weapon system,” General Moseley said.

The MQ-9 Reaper is the Air Force's first hunter-killer UAV. It is larger and more powerful than the MQ-1 Predator and is designed to go after time-sensitive targets with persistence and precision, and destroy or disable those targets with 500-pound

bombs and Hellfire missiles. “The Reaper represents a significant evolution in UAV technology and employment,”

General Moseley said. “We've moved from using UAVs primarily in intelligence, surveillance and reconnaissance roles before Operation Iraqi Freedom, to a true hunter-killer role with the Reaper.” (後略)



U.S. Air Force photo

The "Reaper" has been chosen as the name for the **MQ-9** unmanned aerial vehicle. The Reaper, the Air Force's first "hunter-killer" UAV, carries 500-pound bombs and Hellfire missiles, allowing it to destroy or disable time-sensitive ground targets.

060922 Northern Light Misawa page 6 該当紙原文は <http://www.space-library.com/> 5.1 航空宇宙関連 新聞、雑誌 からダウンロード可

**持続する印象、** ボーイスカウトの少年達への F-16 シミュレータの説明

### Lasting impressions

During a Boy Scout visit, Major Chris Penningroth of the 14th Fighter Squadron, supervises Justin Frost on flying in an F-16 simulator here Sept. 15.



Photo by Ann Benjamin Wilson

092206\_AstroNews\_page 3 該当紙 全文は <http://www.space-library.com/> 5.1 航空宇宙関連 新聞、雑誌 からダウンロード可

**Titan IV 計画は最終 SRMU 改良型固体ロケットモータの廃棄処分に続き終了が近づく**

### Titan IV program nears end following final SRMU disposal

Candrea Thomas SMC Public Affairs

Flames kissed the sky as the final two **Solid Rocket Motor Upgrades**, more commonly recognized as the two boosters on a **Titan IV** rocket, were destroyed recently.

As part of the **Titan IV** closeout, the two **SRMUs**, spares from the last **Titan IV** launch in October 2005, were transported from Camp Blanding, Fla., by rail to Utah. They were placed on "Big Red," a large trailer with 128 wheels capable of carrying up to one million pounds and taken to the Hill AFB Test and Training Range.

The **SRMUs** contained solid rocket fuel and each segment weighed approximately 300,000 pounds. Members of the Hill AFB Explosive Ordnance Device (EOD) team affixed flexible linear charges to the **SRMUs**, which can not be sold or reused on the new Delta or Atlas rockets. The charges split the fiber casing open and ignited the fuel creating a spectacular explosion which at about 5,000 degrees reduced the **SRMUs** and surrounding sand to nothing more than small greenish, glassy rock.



Photo courtesy of the Launch and Range Systems Wing /// A plume of smoke and fire signal the disposal of the final two Titan IV SRMUs.

/// A segment of an SRMU is moved from "Big Red" to the Hill AFB, Utah Test and Training Range for disposal .

092206\_AstroNews\_page 3 該当紙 全文は <http://www.space-library.com/> 5.1 航空宇宙関連 新聞、雑誌 からダウンロード可

**将来衛星通信システムの打上げ近づく**

## Future satellite communication system nears launch

Joe Davidson SMC Public Affairs

The **Wideband Gapfiller** Program Office recently took a significant step closer to launching the next generation high capacity satellite communication systems. To determine the effects of space launch, G-Forces and the vacuum of the space environment on a man-made object, a team of Air Force, Aerospace and Boeing engineers put the first **Wideband Gapfiller Satellite (WGS)** through a series of tests. The last test called Thermal Vacuum was completed recently at The Boeing Company's Satellite Development Center in El Segundo, Calif. "WGS has completed one of the most difficult and highest risk tests in the build process to evaluate its ability to withstand the extreme hot and cold of space," said Lt. Col. David Lee, the WGS Block I program manager. "The completion of this test moves WGS that much closer to a scheduled 2007 launch date." WGS is necessary for the application of a highcapacity satellite communications system that will distribute large amounts of data

to warfighters all over the world. As the users' need for bandwidth increases, the **WGS** constellation will add network-centric capabilities by providing flexible point-to-point and broadcast communication services. To put things into perspective, the current Defense Satellite Communications System contains 12 satellites. The capabilities of one **WGS** satellite will equal that of the entire **DSCS** constellation. The Boeing Company is under contract to build three **WGS** satellites.



Photo courtesy Boeing Company

The final test on the first **Wideband Gapfiller Satellite** was recently completed at The Boeing Company's Satellite Development Center in El Segundo. WGS is necessary for the application of a high-capacity satellite communications system that will distribute large amounts of data to warfighters all over the world.

092206\_AstroNews\_page 7

該当紙 原文は <http://www.space-library.com/>

5.1 航空宇宙関連 新聞、雑誌 からダウンロード可

## イラクから Space Based Infrared Systems Wing の兵隊など無事帰還

### Heroes return home from the 'Zone'



Capt. Alex Cusack (second from left), Space Based Infrared Systems Wing, is surrounded by friends and coworkers as he returns from his deployment, Sept. 7. /// Capt. Patrick Schmidt, SMC Program and Integration, returned back to Los Angeles from his deployment, Sept. 7.

**【編注】** 戦時下にある米ではイラクに派遣されている兵員を知人や家族にもつ人々が多いでしょう、無事に帰還できた際の関係者の喜びはひとしおでしょう。

Aerospace Daily & Defense Report Sep 22, 2006

SBinet のボーイングのシェアは予想より小さい

### Boeing's share of contract for SBInet smaller than expected

The Department of Homeland Security (DHS) awarded an initial \$67 million contract to a Boeing-headed team Sept. 21 to begin

work on securing a 28-mile stretch of . . .

### DOD の戦争のコストは他の出費とのもつれを解くことは困難、と CRS レポートは述べる

#### DOD war costs hard to unravel from other expenses, CRS report says

Separating war costs from Pentagon money meant for fielding the future military is no easy task, says a Congressional

Research Service report released this month. . . .

### Cheyenne Mountain の宇宙監視組織は Vandenberg のコントロールセンタに引越し予定

#### Space surveillance unit to move control center

CONTROL CENTER: The U.S. Air Force's Space Control Center (SCC) will move from Cheyenne Mountain Air Station (Colo.) to

Vandenberg Air Force Base, Calif., and become part

### アトランティスは着陸、ディスカバリーは準備完了

#### Atlantis lands, Discovery readied

KENNEDY SPACE CENTER, Fla. – The space shuttle program will decide by next week whether to push toward the launch of

Discovery on the STS-116 mission as . . .

### Weldon 議員はアクティブ防護システムの遅れの証言に疑問

#### Weldon questions witnesses on active protection system delay

House Armed Services Committee Vice Chairman Curt Weldon (R-Pa.) questioned subcommittee hearing witnesses Sept. 21

about the decision to delay deployment of an Israeli active protection system . . .

### SBSS 宇宙配備監視システム Block 10 は宇宙機 1 機以上を含み得る、と Hamel は言う

#### SBSS Block 10 could include more than one spacecraft, Hamel says

As it continues its restructuring of the Space Based Surveillance System (SBSS) program, the U.S. Air Force is considering

producing more than one first-generation Block 10 SBSS . . .

### NG/Boeing チームは NASA を混乱させた

#### NG/Boeing team left NASA confused

One factor in NASA's decision to pick Lockheed Martin as prime contractor for the \$8 billion Orion crew exploration vehicle was confusion over just how the losing Northrop Grumman/Boeing team works. When they teamed up to bid on NASA's new fleet of exploration vehicles – two rockets, the Orion vehicle, a lunar lander and eventually habitats, rovers and other lunar-surface gear – the two aerospace giants agreed to switch off taking the lead on a given competition. Northrop Grumman headed the team that bid on Orion, with Boeing in the role of major subcontractor.

But that setup augured trouble for NASA's bid evaluators, who formally termed it a "weakness" in the source-selection scoring. "I am concerned that two very large companies integrating and interacting as prime and sub will be a recurring management challenge," wrote Doug Cooke, associate administrator for exploration systems and the Orion source selection authority, in his final statement. "Such integration and interaction is important and, if not seamless, can be an overly burdensome contract administration issue."

### 空軍はさらに2回の合成燃料フライトテストを計画

#### AF plans two more synthetic fuel flight-tests

A B-52 Stratofortress, with two of its eight engines fueled by a blend of synthetic kerosene and JP-8, will conduct at least two

more test sorties after ...

### GAO は移動能力スタディに疑問を呈する

#### GAO raises questions on Mobility Capabilities Study

The Defense Department used an "innovative" approach in its Mobility Capabilities Study (MCS) and its analyses are unclear,

calling into question the Pentagon's assertion that already planned

### Avio は sical 1B 推進ユニットを納入

#### Avio delivers sical 1B propulsion unit

PROPULSION UNIT: Avio has handed over the propulsion unit for the Sical 1b military communications satellite to prime

contractor Alcatel Alenia Space. Set to be orbited early ...

#### Aerospace Daily & Defense Report Sep 21, 2006

### 米国の国境の安全を確保する\$2B の契約を獲得

#### Boeing wins \$2B contract to secure U.S. borders

Boeing's proposal to use more than 1,000 sensor- and camera-equipped towers to secure U.S. borders has won the

competition for the Department of Homeland Security's \$2 billion

### MP-RTIP マルチプラットフォーム・レーダ技術導入計画のレーダは来週 Global Hawk UAV で試験開始予定

#### MP-RTIP radar set to begin testing next week on Global Hawk UAV

As Northrop Grumman battles to keep its Multi-Platform Radar Technology Insertion Program (MP-RTIP) intact for the

Pentagon's next generation surveillance aircraft, the E-10, the contractor is set ...

### SBIRS High は違反の時点から大幅に進捗と Hamel は述べる

#### SBIRS High has progressed since violation, Hamel says

The Space Based Infrared System (SBIRS) High program has made "tremendous progress" since last year, when the troubled

effort's third Nunn-McCurdy violation led the Pentagon to truncate

### 耐熱タイルの検査の後、NASA は Atlantis の着陸を 9 月 21 日に行なうことを決定

#### After tile inspection, NASA clears Atlantis to land Sept. 21

NASA has cleared the space shuttle for a Sept. 21 landing at Kennedy Space Center in Florida after Atlantis' crew conducted

a final survey of the thermal ...

### 新しいスペース・ステーションのクルーは最初の女性宇宙旅行者とついに到着

#### New space station crew arrives with first female space tourist

The new crew of the International Space Station (ISS) reached the orbiting facility Sept. 20, accompanied by a space tourist who

paid a reported \$20 million to ...

2006年9月27日 8:29 【CNET Japan 2006年09月27日】

米下院委員会、HP 幹部 2 人を情報漏えい調査問題で召喚へ

<http://japan.cnet.com/svc/nlt2?id=20248687>

Google マップがまた進化―“日本”に合わせて地図データを全面更新

<http://japan.cnet.com/svc/nlt2?id=20248507>

英国図書館、著作権法改正を訴え―デジタルコンテンツ規定の盛り込みを要請

<http://japan.cnet.com/svc/nlt2?id=20249088>

電子書籍事業で新会社を設立、文庫本サイズの読書端末も発表―松下電器など 3 社

<http://japan.cnet.com/svc/nlt2?id=20248587>

「ひかり電話」障害はソフトの不具合―NTT 東日本

<http://japan.cnet.com/svc/nlt2?id=20247247>

2006年9月26日 7:50 【CNET Japan 2006年09月26日】

HP、会長の即時辞任を発表―CEO も情報漏えい調査を一部認識

<http://japan.cnet.com/svc/nlt2?id=20246287>

HP の通話記録入手スキャンダル―SEC がさらなる情報の提出を求める

<http://japan.cnet.com/svc/nlt2?id=20244847>

「サン・マイクロシステムズの役員報酬は高額」―一部投資家から疑問の声

<http://japan.cnet.com/svc/nlt2?id=20247487>

3 次元道路データによるカーナビ用地図ソフト開発―昭文社などが合弁会社設立

<http://japan.cnet.com/svc/nlt2?id=20246787>

2006年9月25日 7:41 【CNET Japan 2006年09月25日】

**多様性に対応できるものだけが生き残る―スクウェア・エニックスの危機感**

「生き残るのは最も強いものでも、最も賢いものでもない。変化に対応できるものだ」―進化論で有名なチャールズ・ダーウィンのこの言葉を、今最もかみしめているのはこの人かもしれない。

スクウェア・エニックスの代表取締役社長である和田洋一氏は、ソニー・コンピュータエンタテインメントのPLAYSTATION 3 と任天堂の Wii という 2 つの次世代ゲーム機の登場を前に、ゲーム業界が新たなステ

<http://japan.cnet.com/svc/nlt2?id=20243307>

ージに入ったと感じている。それは、ファミリーコンピュータや PlayStation といった 1 つの強力なゲーム機上での競争から、PC や携帯電話を含む複数のプラットフォーム上での争いへ変わったというものだ。(後略)

2006年9月25日 7:41 【CNET Japan 2006年09月25日】 <http://japan.cnet.com/svc/nlt2?id=20243527>

**フォトレポート：負傷兵を救出するレスキューロボット**





### NASA 局長が訪中 宇宙空間科学研究などで協力

米国航空宇宙局(NASA)のグリフィン局長は 23 日、中国国家航天局の孫来燕局長の招待を受け訪中した。滞在は 28 日までの予定。両局長は 24 日、北京で会談し、それぞれの宇宙探査計画について紹介した他、宇宙探査における中米の交流・協力につき意見交換した。双方は今回の会談について、中米の宇宙探査交流・協力の重要な一歩であり、相互協力関係の基礎を固め、障害を取除き、信頼を深めつつ、建設的な協力関係を発展させるべきとの見方で一致した。定期的な会談を開き、宇宙空間科学・地球科学などの分野における交流・協力を模索していくことでも合意。中国側は、「平等互惠、平和

[http://j.peopledaily.com.cn/2006/09/26/jp20060926\\_63412.html](http://j.peopledaily.com.cn/2006/09/26/jp20060926_63412.html)

利用、共同発展」の原則の下、米との交流と相互信頼を深め、友好関係を発展させ、協力関係を促進し、平和のための宇宙空間利用によって全人類の幸せのために貢献していきたいとの意向を示した。両局長による今回の会談は、胡錦濤国家主席が 2006 年 4 月に米を訪れた際にブッシュ大統領との間で合意されていたもの。グリフィン局長は NASA 局長に就任して初中国訪問となる。訪問期間中、グリフィン局長は中国の空間技術研究院、中国気象局、中国科学院などを訪問し、研究設備を見学予定。(編集 SN)

Sept. 22, 2006 **NASA NEWS** RELEASE: 06-322

### NASA 長官マイケル・グリフィン中国訪問

#### NASA Administrator Michael Griffin Visits China

NASA Administrator **Michael Griffin** begins a trip to China this weekend, marking the first time a NASA administrator visits the country.

Griffin is making this visit at the invitation of **Laiyan Sun**, administrator of the China National Space Administration. His visit runs from Saturday to Thursday. The trip includes stops in Beijing and Shanghai. During his trip, Griffin will tour a number of aerospace facilities.

“My goal is to become acquainted with my counterparts in China and to understand their goals for space exploration,” Griffin said.

Senior NASA officials accompanying Griffin to China include Associate Administrator for Space Operations **William**

[http://www.nasa.gov/home/hqnews/2006/sep/HQ\\_06322\\_China\\_advance.html](http://www.nasa.gov/home/hqnews/2006/sep/HQ_06322_China_advance.html)

**Gerstenmaier**, Assistant Administrator for External Relations **Michael O'Brien** and NASA astronaut **Shannon Lucid**, all of whom have extensive experience working with international space programs.

For updates on the NASA administrator's trip to China, visit:

09.22.06 NASA **EVENT NEWS** **【編注】** Griffin 長官と同行の Lucid さんの幼少時代のエピソード

### Shannon Lucid は中国への帰郷を心待ちに

#### Shannon Lucid Looks Forward to China Homecoming

Like many of her fellow astronauts, Shannon Lucid has marveled at the view from space of China. Having flown in space five times, including 179 days aboard the Russian space station Mir in 1996, Lucid, who currently supports our human spaceflight missions at NASA's Johnson Space Center in Houston, has extensive experience seeing the world's third largest nation from orbit, including such sights as the vast Gobi Desert, the long flowing Yangtze River, and China's booming coastal cities.(後略) (全文

は下記サイトで読めます)



[http://www.nasa.gov/vision/space/features/shannon\\_lucid.html](http://www.nasa.gov/vision/space/features/shannon_lucid.html)

Shannon Lucid and her younger brother Joe with an unidentified Chinese woman. Image Courtesy of Shannon Lucid.

Sep 21, 2006 AFP SpaceWar Express [spacewarexpress@spacewar.com](mailto:spacewarexpress@spacewar.com) Source: Agence France-Press

### コンピュータ・ハッカーグループはステルス・インターネット・サーフィンを提供

#### Computer Hacker Group Offers Stealth Internet Surfing

San Francisco (AFP) Sep 21, 2006

A group calling itself "**Hactivismo**" launched a web browser Thursday that promises to protect the privacy of Internet surfers from "hostile governments" or "data thieves." "Torpark," a modified version of the popular Mozilla Firefox browser, enables computer users to travel the Internet in a way that "leaves no tracks behind," **Hactivismo** said in a statement.

**Hactivismo**'s website describes it as an international group of hackers, human rights workers, lawyers and artists that evolved from the renowned Texas-based hacker organization called "Cult of the Dead Cow."

Torpark changes the unique numbers used by websites to identify individual computers online every few minutes to stymie "hostile governments, data thieves" or other trackers, according

[http://www.spacewar.com/reports/Computer\\_Hacker\\_Group\\_Offers\\_Stealth\\_Internet\\_Surfing\\_999.html](http://www.spacewar.com/reports/Computer_Hacker_Group_Offers_Stealth_Internet_Surfing_999.html)

to **Hactivismo**.

For example, someone could go online using a home computer in Ghana and it might appear to websites that they were at a university computer in Germany, according to **Hactivismo**.

"We live in a time where acquisition technologies are cherry picking and collating every aspect of our online lives," **Hactivismo** founder Oxblood Ruffin said in a statement.

"Torpark continues **Hactivismo**'s commitment to expanding privacy rights on the Internet. And the best thing is it's free. No one should have to pay for basic human rights, especially the right of privacy."

Torpark also hides computer users' identities from companies providing the Internet services, according to its creators.

2006.09.27 Stars&Stripes 原文は <http://www.space-library.com/> 5.1 航空宇宙関連 新聞、雑誌、の書架からダウンロード可

### 日本は新しいミサイル・システムを開発する計画

#### Japan to develop new missile system

TOKYO - Japan's Defense Agency plans to develop a new missile system for its fighter jets that would be able to target aircraft and ships without emitting radio waves that could be detected by an enemy, an agency spokesman said Monday.

The Defense Agency will begin three years of research starting in 2007 to develop the new missile, Defense Agency spokesman Hirokazu Shirota said.

Existing weapon systems such as those installed on F-15 fighter jets emit radio waves at targets and then monitor the way in which they are reflected back, but enemy forces also can detect their source, Shirota said. From The Associated Press

**韓国は巡航ミサイルを開発する**

**South Korea Develops Cruise Missile**

Seoul (UPI) Sep 21, 2006

South Korea has developed a Tomahawk-style cruise missile capable of reaching most of North Korea to cope with mounting missile threats from its communist neighbor. According to JoongAng Ilbo, Seoul's major newspaper, Thursday, South

Korea's first cruise missile has been developed jointly by the country's military and the state-run Agency for Defense Development.

2006.09.27 Stars&Stripes 全文は <http://www.space-library.com/> 5.1 航空宇宙関連 新聞、雑誌、の書架からダウンロード可

**韓国は Chikdo Island に射爆場を建設する取決めを行なう**

**S. Korea makes deal to build bombing range on Chikdo Island**

By T.D. Flack Stars and Stripes

SEOUL – South Korea will build an air-to-ground bomb range for U.S. military use on an island off the country's west coast, Ministry of National Defense officials confirmed Monday. According to local news reports, Gunsan city official have

accepted the Defense Ministry's Aug.16 request to build the range on Chikdo Island, about 40 miles off the coast. The reports stated that South Korea offered the local officials a \$350 million financial aid package. (後略)

**【編注】** 全羅北道(チョルラブクド、ぜんらほくどう) 群山市 - 군산시【群山市】Gunsan-si (クンサン=シ)

Sep 22, 2006 XNA SpaceDaily

**ナイジェリアは 2008 年に地球観測衛星 2 号機を打上げ予定**

**Nigeria To Launch 2nd Earth Observation Satellite In 2008**

Abuja (XNA) Sep 22, 2006 Nigeria has started work on the design and construction of its second earth observation satellite billed for launch in 2008, Director General of the National Space Research and Development Agency Robert Boroffice said here on Thursday.

"The Satellite will be built with the active participation of many of Nigerian engineers," he said, adding that Nigeria had a pool of highly trained engineers to undertake the design, construction and launch of the satellite with little assistance from foreign experts.

He said the satellite known, as NigeriaSat-2 would be an improvement on NigeriaSat-1, which "is a medium resolution earth observation satellite."

He said his agency was considering suitable payloads for the NigeriaSat-2 spacecraft, adding that a 2.5m panchromatic camera, 5m multispectral camera in five bands and a 32m multispectral camera in three channels would be used to ensure high resolution.

When launched in 2008, he said, NigeriaSat-2 would provide a

wide range of applications in the areas of infrastructure, water resources management, agricultural land use, population estimation, health hazard monitoring and disaster mitigation and management.

NigeriaSat-1, which was launched in 2003 from Plesetsk, Russia, into 686km polar orbit has been capturing high quality images using six cameras on board the Satellite.

Apart from demonstrating good applications and commercial value, NigeriaSat-1 has been configured in Disaster Monitoring Constellation with other Satellites from Algeria, China, Turkey and Britain.

Boroffice said NigeriaSat-1 had given the country an added advantage of global coverage and daily revisit with provision of real time data.

"Imageries from NigeriaSat-1 have been used to solve many global problems such as refugee management in Darfur region of Sudan, flood and tsunami disaster management in New Orleans," he added. Source: Xinhua News Agency



Scientist with NigeriaSat-1 spacecraft.

[http://www.spacedaily.com/reports/Nigeria\\_To\\_Launch\\_2nd\\_Earth\\_Observation\\_Satellite\\_In\\_2008\\_999.html](http://www.spacedaily.com/reports/Nigeria_To_Launch_2nd_Earth_Observation_Satellite_In_2008_999.html)

Sept. 24, 2006 **Space News** <http://www.space.com/spacenews/>

**Matthew Desch が Iridium に加わる**

**Telecom Veteran Matthew Desch Joins Iridium**

WASHINGTON — Longtime telecommunications executive Matthew Desch has taken over as chairman and chief executive officer of Iridium Satellite LLC, the provider of a global

satellite-based mobile telephone service used heavily by the U.S. Department of Defense.

**議会は米空軍の複数宇宙計画予算要求を削減**

**Congress Trims USAF Budget Request for Several Space Programs**

BOSTON — Members of Congress charged with sorting out the differences between the House and Senate versions of the 2007 Defense Appropriations Act have settled on reductions to the U.S. Air Force's budget request for the development of

advanced communications and reconnaissance satellites, according to a Sept. 22 news release from the Senate Appropriations Committee.

**アフリカとインド洋地域向けに運用されているインテルサット衛星が軌道上で故障**

**Intelsat Satellite Serving Africa, Indian Ocean Region Fails in Orbit**

PARIS — Intelsat's IS-802 satellite abruptly failed in orbit late Sept. 21 in what appear to be circumstances similar to a January

2005 failure of another Intelsat satellite with the same design, Intelsat announced Sept. 22.

**Ariane 5 ECA の打上げは 10 月 12 日まで遅れ**

**Ariane 5 ECA Launch Delayed Until Oct. 12**

PARIS — The launch of the next Ariane 5 ECA vehicle has been delayed by two weeks, to Oct. 12, following a request from one of its two satellite customers for more time to evaluate a

rocket-component replacement that has already been completed, the Arianespace consortium announced Sept. 22.

**Bigelow は有人宇宙居住設備を 2010 年までに打上げ計画**

**Bigelow Planning Launch of Human-Rated Space Habitat by 2010**

SAN JOSE, Calif. — If the planned Jan. 30 launch of Bigelow Aerospace's Genesis 2 space module on a Russian Dnepr rocket is successful, Las Vegas entrepreneur Robert Bigelow plans to

send a human-rated habitat into orbit in either the second half of 2009 or the first half of 2010.

**NASA は新しい技術を開発するためベンチャ・キャピタル・ファンドを創設**

**NASA Establishes Venture Capital Fund to Tap New Technologies**

WASHINGTON — NASA is establishing a privately managed strategic venture capital fund modeled after the CIA's In-Q-Tel,

one of NASA Administrator Mike Griffin's former employers.

**ロッキードマーチン製作の GPS 衛星はケープカナベラルから打上げ準備完了**

… **Lockheed Martin-built GPS Satellite Ready for Launch From Cape Canaveral**

**ボーイングは\$278M の NASA ペイロード処理オプションを受注**

… **Boeing Receives \$278-M NASA Payload Processing Option**

**DirecTV-Liberty Media の取引はなお何週も先**

… **DirecTV-Liberty Media Deal Still Many Weeks Away**

**グローバル・ナビ衛星システム受信機の出荷は 2011 年までに 7 倍になると ABI リサーチは述べる**

… **Global Navigation Satellite System Receiver Shipments to Rise Sevenfold by 2011, Says ABI Research**

**NASA は Orion 宇宙機の熱防護の契約を行なう**

… **NASA Awards Thermal Protection Contract for Orion Spacecraft**

**MetOp 打上げ作戦が復帰**

… **MetOp Launch Campaign Resumed**

**米空軍は LEOSS の主契約者に Ball Aerospace を選定**

… **U.S. Air Force Selects Ball Aerospace as Prime Contractor for LEOSS**

**Asia Broadcast Satellite はロッキード・マーチンから LMI を買収**

… **Asia Broadcast Satellite Acquires LMI from Lockheed Martin**

**Lockheed Martin Press Releases** <http://www.lockheedmartin.com/wms/findPage.do?dsp=frec&ti=111>

**ロッキードマーチン製作の近代化 GPS 衛星がケープカナベラルから打上げ準備完了**

**September 21, 2006 MODERNIZED GPS SATELLITE BUILT BY LOCKHEED MARTIN READY FOR LAUNCH FROM CAPE CANAVERAL** <http://www.lockheedmartin.com/wms/findPage.do?dsp=fec&ci=17902&rsbci=0&fti=111&ti=0&sc=400>



**強力な F-35 LIGHTNING II エンジンが大きな音を上げ作動**

**September 20, 2006 MIGHTY F-35 LIGHTNING II ENGINE ROARS TO LIFE**

<http://www.lockheedmartin.com/wms/findPage.do?dsp=fec&ci=17899&rsbci=0&fti=112&ti=0&sc=400>



**[編注]** Hi-Reso 画像 5.2MB は <http://www.lockheedmartin.com/data/assets/13368.jpg>

**Boeing News Releases** <http://www.boeing.com/news/releases/index.html>

**ボーイングは EA-18G Growler 初号機を米海軍に納入**

Sep. 22, 2006 **Boeing Delivers First EA-18G Growler to U.S. Navy**

[http://www.boeing.com/news/releases/2006/q3/060922c\\_nr.html](http://www.boeing.com/news/releases/2006/q3/060922c_nr.html)



**ボーイングは Orion 宇宙機用の先進熱防護システムを開発予定**

Sep. 20, 2006 **Boeing to Develop Advanced Thermal Protection System for Orion Spacecraft**

[http://www.boeing.com/news/releases/2006/q3/060920e\\_nr.html](http://www.boeing.com/news/releases/2006/q3/060920e_nr.html)

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2006年9月27日 2:12 **AstroExpo.com** 9/18/2006 - 9/22/2006 <http://www.astroexpo.com/News/TopNews.asp>

## Business News

**NASA は Red Planet Capital 社とパートナーシップを組む**

**NASA Forms Partnership With Red Planet Capital, Inc.**

<http://www.astroexpo.com/news/newsdetail.asp?ID=27631&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

**SPACEHAB の子会社は\$9.5M の NASA 契約を得る**

**SPACEHAB Subsidiary Awarded New \$9.5 Million NASA Contract**

<http://www.astroexpo.com/news/newsdetail.asp?ID=27632&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

**ボーイングは NASA のペイロード処理オプションで\$278M を受取る**

**Boeing Receives \$278 million NASA Payload Processing Option**

<http://www.astroexpo.com/news/newsdetail.asp?ID=27612&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

**独 TerraSAR-X レーダ技術: PPP(パブリック-プライベート-パートナーシップ)で資金集め**

**TerraSAR-X - Radar Technology from Germany: Financing via Public-Private Partnership**

<http://www.astroexpo.com/news/newsdetail.asp?ID=27599&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

**米空軍は LEOSS で Ball Aerospace をプライムに選定**

**U.S. Air Force Selects Ball Aerospace as Prime Contractor for LEOSS**

<http://www.astroexpo.com/news/newsdetail.asp?ID=27572&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

**NASA は Orion 宇宙機の熱防護の契約を行なう**

**NASA Awards Thermal Protection Contract for Orion Spacecraft**

<http://www.astroexpo.com/news/newsdetail.asp?ID=27582&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

## International Space News

**Space Adventure のクライアントである Anousheh Ansari は宇宙ステーションに到着**

**Space Adventures' Client, Anousheh Ansari, Arrives at the International Space Station**

<http://www.astroexpo.com/news/newsdetail.asp?ID=27637&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

**宇宙ステーション・ステータス・レポート**

**International Space Station Status Report: SS06-041**

<http://www.astroexpo.com/news/newsdetail.asp?ID=27679&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

**FM スピークスマン: 中国は米国と宇宙の協力をすることに乗り気**

**FM Spokesman: China Willing to Conduct Space Cooperation with U.S.**

<http://www.astroexpo.com/news/newsdetail.asp?ID=27630&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

**NASA は日本、英国、及び欧州と太陽のスタディをするチームを結成**

## NASA Teams Up with Japan, United Kingdom and Europe to Study the Sun

<http://www.astroexpo.com/news/newsdetail.asp?ID=27601&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

### スペース・ステーションは新しいソーラパネルを展開

#### Space Station Spreads Its New Solar Wings

<http://www.astroexpo.com/news/newsdetail.asp?ID=27568&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

## Launch News

### NASA はスペースシャトルのクルーの地上帰還を歓迎

#### NASA Welcomes Space Shuttle Crew Back to Earth

<http://www.astroexpo.com/news/newsdetail.asp?ID=27646&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

### MetOp の打上げ作戦が再開

#### MetOp Launch Campaign Resumed

<http://www.astroexpo.com/news/newsdetail.asp?ID=27622&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

### ロシア-米国クルー、宇宙旅行者をのせたロケットが ISS に向けて打上げ

#### Rocket with Russian-U.S. Crew, Space Tourist Lifts off for ISS

<http://www.astroexpo.com/news/newsdetail.asp?ID=27594&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

## Program News

### ヒューストンは宇宙ミッションからの経済的増強を見込む

#### Houston Sees Economic Boost from Space Missions

<http://www.astroexpo.com/news/newsdetail.asp?ID=27586&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

### 中国は小隕石をスタディする宇宙機を送る計画

#### China Plans to Send Spacecraft to Study Asteroids

<http://www.astroexpo.com/news/newsdetail.asp?ID=27596&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

### Cassini の VIMS は広大な極のエタン雲を Titan 上に検出

#### Cassini's VIMS Detects Vast Polar Ethane Cloud on Titan

<http://www.astroexpo.com/news/newsdetail.asp?ID=27566&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

### NASA と Honeywell は 'FMA Live ! ' 対話式サイエンスプログラムを開始

#### NASA and Honeywell Kick-Off 'FMA Live!' Interactive Science Program

<http://www.astroexpo.com/news/newsdetail.asp?ID=27583&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

## Science and Exploration News

### NASA のハッブル宇宙望遠鏡は初期宇宙の若い銀河を何百も発見

#### NASA's Hubble Finds Hundreds of Young Galaxies in Early Universe

<http://www.astroexpo.com/news/newsdetail.asp?ID=27653&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

### NASA のローバ Opportunity ははじめて Victoria 噴火口の見学に

#### NASA Rover Opportunity Takes First Peek Into Victoria Crater

<http://www.astroexpo.com/news/newsdetail.asp?ID=27626&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

### Solar-B 動的太陽をスタディする新しいソーラミッション

#### Solar-B - a New Solar Mission to Study the Dynamic Sun

<http://www.astroexpo.com/news/newsdetail.asp?ID=27629&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

### 新しい証拠は星が最も古い Supernova にとどまっていることに関連

#### New Evidence Links Stellar Remains to Oldest Recorded Supernova

<http://www.astroexpo.com/news/newsdetail.asp?ID=27607&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

遠方の星の回りに新しい惑星が見つかる

New Planet Discovered Around Distant Star

<http://www.astroexpo.com/news/newsdetail.asp?ID=27588&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

Technology News

ボーイングは Orion 宇宙機向けの先進熱防護システムを開発予定

Boeing to Develop Advanced Thermal Protection System for Orion Spacecraft

<http://www.astroexpo.com/news/newsdetail.asp?ID=27644&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

NASA のマーズ・オービタ搭載の地上貫通レーダは作動開始準備完了

Ground-Piercing Radar on NASA Mars Orbiter Ready for Work

<http://www.astroexpo.com/news/newsdetail.asp?ID=27623&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

ロッキード・マーチン の計測器の組合せが新しい国際太陽ミッションで動的太陽の活動をスタディすることに

Lockheed Martin Instrument Suite to Study Dynamic Solar Activity on New International Sun Mission

<http://www.astroexpo.com/news/newsdetail.asp?ID=27602&ListType=TopNews&StartDate=9/18/2006&EndDate=9/22/2006>

JDW, Jane's Defence Weekly <http://jdw.janes.com/public/jdw/index.shtml>

EADS は Typhoon の性能向上を最終化

28-Sep-2006 EADS finalises Typhoon upgrade

Upgrades will be carried out under a phase one enhancement (P1E) package, split into two phases, and geared to providing a

multi/swing role (P1Ea) by...

日本はワシントンにリエイゾン・オフィスを設置する予定

28-Sep-2006 Japan to set up liaison office in Washington

The JDA re-organised its military intelligence operations in 1997 with the launch of its Defence Intelligence Headquarters (DIH).

However, it has no operational presence ...

ポーランドの F-16 のロールアウトの間、新しい偵察ポッドが公表された

25-Sep-2006 New reconnaissance pod unveiled during Polish F-16 rollout

Under a USD74 million contract signed in October 2004, Poland ordered seven Goodrich pods, which feature the DB-110

dual-band, electro-optical/infra-red long-range oblique photography (LOROP) sensor...

[平山ニュース 2006 年 月 日] <http://www.wikihouse.com/space/>

[NEWS]

- 9/28 フランスで無重力状態で手術実施(時)
- 9/27 μ-LabSat 停波させ運用終了(JAXA)
- 9/26 消防庁と NICT ヘリコプター直接衛星通信実証実験に成功(毎)
- 9/26 GX ロケットの LNG エンジンの開発費が予定の 3 倍 来月に中間評価(毎)
- 9/25 1850GMT 打上成功:測位衛星 GPS 2R-M2,Delta2,Cape Canaveral
- 9/24 回収成功:宇宙育種衛星 実践 8 号,四川省遂寧
- 9/24 HIT-SAT が姿勢制御実験を開始(北海道新聞)
- 9/23 0636JST 打上成功:M-V 7 号機,内之浦
- ・太陽観測衛星 SOLAR-B「ひので」



- ・小型衛星バス部機能実証超小型衛星 HIT-SAT
- ・ソーラ電力セイル実証超小型衛星 SSSAT

#### [予定]

9/29 0114GMT 帰還:Soyuz TMA-8(ISS 12S),Kazakhstan  
 9/25 1850-1903GMT 打上:測位衛星 GPS 2R-M2,Delta2,Cape Canaveral

#### [EVENT]

10/22 天文講演会:神戸大 阿部新助氏,浜松市天文台「はやぶさ」による小惑星イトカワの探査  
 10/21 JAXA 筑波宇宙センター特別公開  
 10/15 JAXA 沖縄宇宙通信所施設一般公開  
 10/14 JAXA 内之浦宇宙空間観測所施設一般公開  
 コズミックカレッジ,国立天文台水沢 VERA 観測所  
 ・ 9/30 エドゥケーター,10/1 キッズ,10/1 ファンダメンタル  
 9/30 日本宇宙生物科学会公開シンポジウム,大阪市立大学

#### [学会]

10/25-27 第 19 回マイクロエレクトロニクスワークショップ,JAXA 筑波  
 10/24-26 宇宙 MEMS セミナーおよび MEMS&ナノテク関連展示会,JAXA 筑波  
 10/2-6 57th IAC(国際宇宙会議),Valencia,Spain  
 10/2 申込締切:25th AIAA International Communications Satellite Systems Conference (ICSSC-2007),4/10-13,ソウル  
 10/2 申込締切:第 15 回スペース・エンジニアリング・コンファレンス(SEC'06),  
 1/26,日本機械学会会議室,東京  
 9/28-29 日本宇宙生物科学会第 20 回大会,大阪市立大学  
 ・9/30 公開シンポジウム  
 9/28-29 第 38 回流体力学講演会,室蘭工業大学

#### [TV] ディスカバリチャンネル他

10/1 2300-0000,10/2 0600-0700,1100-1200 ディスカバリチャンネル 巨大建造:宇宙ステーション  
 10/1 2300-2354 BS-i (再)人類、月に立つ(2)アポロ 1 号の悲劇  
 9/26 2200-2230 NHK 総合 クイズ日本の顔 中川人司氏の宇宙授業 ほか  
 9/25 2200-2324 フジ TV SMAP × SMAP06 スペースシャトルほか

#### [宇宙開発] [http://dailynews.yahoo.co.jp/fc/science/space\\_exploration/](http://dailynews.yahoo.co.jp/fc/science/space_exploration/)

- フランスの外科医が無重力状態で手術実施、世界初(ロイター) (28 日 14 時 15 分)
- 未来の宇宙病院—フランス(時事通信) (28 日 10 時 29 分)



- 防災ヘリ 人工衛星通信に成功 被災映像の直接伝送可能に(毎日新聞) (27 日 17 時 14 分)
- 盧武鉉大統領「衛星打上げて地球征服した気分」(YONHAP NEWS) (27 日 9 時 12 分)
- 米中 宇宙空間でせめぎ合い(産経新聞) (27 日 8 時 0 分)
- <GXエンジン>開発費が当初の3倍、347億円に(毎日新聞) (26 日 19 時 26 分)
- 地球の温度、氷河期以降最も暑い…「別の惑星」の危機(読売新聞) (26 日 12 時 3 分)
- M5ロケット最終機成功 太陽観測衛星搭載 - 南日本新聞 (24 日 17 時 39 分)

- 最終機打上げ「全員野球」M5花道 - 南日本新聞 (24日 17時 39分)
- 宇宙機構が発射台公開 黒焦げ、威力示す - 南日本新聞 (24日 17時 39分)
- 衛星だいち「H」写した? 上空通過時に大文字 - 南日本新聞 (24日 17時 37分)
- M5ロケット 最後の打上げ成功 内之浦宇宙観測所から(毎日新聞) (24日 10時 12分)



- <M5ロケット>最後の打上げ成功 内之浦宇宙観測所から(毎日新聞) (23日 21時 34分)
- M5ロケット予定軌道へ、衛星は「ひので」と命名(読売新聞) (23日 20時 18分)
- <M5ロケット>7号機打上げ成功 太陽観測衛星を搭載(毎日新聞) (23日 10時 44分)



- 太陽観測衛星打上げ成功(時事通信) (23日 9時 30分)
- 太陽観測衛星搭載「M5ロケット」最終打上げに成功(読売新聞) (23日 9時 25分)
- 帰還式典中に倒れる＝米シャトル女性飛行士(時事通信) (23日 7時 1分)
- 太陽観測衛星打上げ成功＝「ひので」と命名、最後の M5 で－コロナの謎に迫る(時事通信) (23日 7時 1分)
- M5後継機 射場、内之浦以外も／宇宙機構検討 - 南日本新聞 (22日 21時 8分)

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**[米軍動向]** [http://dailynews.yahoo.co.jp/fc/world/us\\_armed\\_forces/](http://dailynews.yahoo.co.jp/fc/world/us_armed_forces/)

- 特別法廷設置法が成立へ＝テロ容疑者裁判－米上院可決(時事通信) (29日 11時 1分)
- <アフガニスタン>NATOが全土で治安指揮権(毎日新聞) (29日 10時 44分)
- 海兵隊比演習参加へ 普天間半数が不在に(琉球新報) (29日 10時 26分)
- NATO、アフガン全土で活動へ＝国防相理(時事通信) (29日 7時 1分)
- 米軍基地へ生物兵器テロの用意＝イラクのアルカイダ指導者? 声明(時事通信) (29日 3時 1分)
- <アーミテージ氏>イラクの状況「長期化すれば敗北に」(毎日新聞) (28日 15時 4分)
- 米国防総省副次官補、統制権 09 年移譲を再確認(YONHAP NEWS) (28日 13時 3分)
- 8 割が「紛争招くのは米軍」＝1 年以内の撤退要求も 7 割－イラク世論調査(時事通信) (28日 13時 1分)
- 「盧大統領が米空軍訓練場協力に言及」ハイド議員(YONHAP NEWS) (28日 11時 59分)
- グアムに実戦部隊 在沖海兵隊も連動か 米軍統合計画(琉球新報) (28日 9時 56分)
- イラク戦争が過激派増長招く＝米情報機関報告書公表－批判必至、中間選挙に影響も(時事通信) (27日 11時 2分)
- F15未明離陸、アラスカ経由打診(琉球新報) (26日 16時 1分)
- <米太平洋艦隊>司令官、北朝鮮ミサイル脅威への対応に自信(毎日新聞) (26日 12時 1分)
- 在イラク英軍、アルカイダ幹部を射殺(ロイター) (26日 10時 21分)
- NATO が予想外の苦戦＝犠牲者 35 人、増派要請にも反応薄－アフガン(時事通信) (24日 15時 0分)
- 沖縄中南部の米軍返還、500ヘクタール減の見通し(読売新聞) (24日 11時 58分)
- 引退するトップガン－米F14戦闘機(時事通信) (23日 18時 2分)



- 同時テロと犠牲者同数に＝アフガン・イラクで 2973 人－米軍(時事通信) (23 日 11 時 1 分)
- 海兵隊削減の実施重要 グリーン元NSC上級補佐官(琉球新報) (23 日 10 時 12 分)
- イランで軍事パレード、副大統領が西側諸国に警告(ロイター) (23 日 8 時 47 分)
- 軍創設 58 周年、来月 1 日に「国軍の日」行事(YONHAP NEWS) (22 日 17 時 48 分)

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**[核兵器]** [http://dailynews.yahoo.co.jp/fc/world/nuclear\\_weapons/](http://dailynews.yahoo.co.jp/fc/world/nuclear_weapons/)

- 北の軍幹部、核実験説に否定的＝訪朝の米専門家(時事通信) (29 日 11 時 1 分)
- 朴槿恵前代表「北朝鮮核放棄時は北東ア開発銀行を」(YONHAP NEWS) (29 日 10 時 58 分)
- 「統制権移譲と北朝鮮の核実験は別の問題」盧大統領(YONHAP NEWS) (29 日 9 時 9 分)
- <アーミテージ氏>「中韓優先」の安倍新政権を支持…本紙に(毎日新聞) (28 日 15 時 4 分)
- <ミットヨ不正輸出>シンガポールも…元社長ら再逮捕(毎日新聞) (28 日 12 時 52 分)
- 北朝鮮の 6 カ国協議、再開へ「重大な局面」＝ヒル米国務次官補(ロイター) (28 日 12 時 6 分)
- ミットヨ前社長ら再逮捕＝シンガポールにも不正輸出－警視庁(時事通信) (28 日 12 時 1 分)
- シンガポールにも不正輸出、ミットヨ前社長らを再逮捕(読売新聞) (28 日 11 時 40 分)
- 【フィリピン】日本主導の域内水フォーラム、比で発足(NNA) (28 日 8 時 2 分)
- ミットヨ不正輸出 元社長らきょう再逮捕(産経新聞) (28 日 8 時 0 分)
- 米制裁解除なければ北の 6 カ国復帰ない 国連総会 外務次官、重ねて主張(産経新聞) (27 日 16 時 40 分)
- <パキスタン大統領>カーン博士が北朝鮮に遠心分離機供与(毎日新聞) (26 日 20 時 2 分)
- 「北朝鮮、支援急減で大規模飢饉の再発も」FT 紙(YONHAP NEWS) (26 日 15 時 59 分)
- 北に 20 余遠心分離機供与＝カーン博士の「核の闇」詳述－パキスタン大統領回顧録(時事通信) (26 日 11 時 1 分)
- <韓国>北朝鮮高官の秘密演説は架空話 報道機関が謝罪(毎日新聞) (26 日 10 時 21 分)
- <反核絵本>米国の日本語詩人が出版「第五福竜丸」テーマに(毎日新聞) (25 日 11 時 25 分)
- <北朝鮮次官>再処理計画「年内に燃料棒取出す」と説明(毎日新聞) (23 日 21 時 53 分)
- <IAEA>中東非核地帯化決議を可決して閉幕(毎日新聞) (23 日 17 時 43 分)
- <IAEA>北朝鮮に 6 カ国協議復帰求める決議採択(毎日新聞) (22 日 20 時 14 分)
- <IAEA>イスラエルの NPT 加盟要求を上程(毎日新聞) (22 日 17 時 49 分)

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**[ASAGUMO NEWS]** 朝雲新聞社 <http://www.asagumo-news.com/>

9/28 「コラム」更新

・朝雲寸言 /// ・安倍新政権の誕生 /// ・中国も人事の季節

9/25 「ニュース」更新

日本・モンゴル 交流・協力 さらに促進 /// 額賀長官が初訪蒙 防衛首脳会談で一致

北ミサイルで額賀長官 /// 「数十秒で空中分解」テポドン失敗確認

これなら分かりやすい『ミニ白書』刊行

額賀長官 沿岸監視隊など視察

パキスタンと防衛当局間協議

防衛庁顧問に先崎前統幕長

施設庁談合 再発防止策を周知 /// 防衛庁がパンフ作成

空自月刊誌『飛行と安全』が 600 号に /// 創刊 50 年、記念号刊行

空自で IT 集合訓練 ウイルス感染素早く対処 /// 空シス隊が指導 検出・駆除など学ぶ

潜水艦が一般道“走行” /// 「あきしお」呉史料館へ 搬入への準備着々



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### [民間航空機関連 (ex-SJAC 三輪さん)]

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2006 年 9 月 23 日 1:15 AIA dailyLead September 22, 2006

#### **ボーイング C-17 追加予算承認**

##### **Boeing's C-17 receives additional funding**

A House and Senate conference committee on Thursday approved a Pentagon budget bill that includes additional funding for Boeing's C-17. Boeing and lawmakers from California and Missouri lobbied for additional funding. The Government Accountability Office found that a study used to justify shutting down the plane's production line was flawed. The Wall Street Journal (subscription required) (9/21), Los Angeles Times (free registration) (9/21)

#### **エミレーツ航空 A380引渡しスケジュールにつき詳細説明をエアバスに要求**

##### **Emirates asks Airbus for details on A380 deliveries**

Emirates Airlines has asked Airbus to clarify its delivery schedule for the A380 superjumbo jet. The airline is in the middle of a rapid expansion, and airline officials say they have not yet been officially informed of a delay in delivery of a 45-plane order. Airbus parent EADS recently announced problems with the A380's wiring system. The Washington Post/Associated Press (free registration) (9/21)

#### **受注機体数で、今年はボーイングがエアバスを上回る**

##### **Boeing leads Airbus in aircraft orders**

Boeing says it has booked 632 orders for airliners so far this year, putting it ahead of its European rival Airbus. As of the end of August, Airbus claimed it had 222 firm orders. Airbus remains on track to deliver more planes than Boeing in 2006. Seattle Post-Intelligencer (9/22)

#### **リチャード ブランソン氏 地球温暖化対応策に 30 億ドル投資**

##### **Branson to invest \$3B in fighting global warming**

British entrepreneur and billionaire Richard Branson on Thursday pledged to invest all profits from his Virgin airline and train companies over the next 10 years to research alternative energy sources and fight global warming. His Virgin Fuels unit will promote renewable energy sources. Branson said transportation industry leaders must "must be at the forefront of developing environmentally friendly business strategies." Bloomberg/ClipSyndicate (9/22), The Washington Post (free registration) (9/22)

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## **アトランティス 無事帰還**

### **Atlantis lands safely at Kennedy Space Center**

Space Shuttle Atlantis. Source: NASA

Space shuttle Atlantis landed safely at Kennedy Space Center early Thursday morning. NASA postponed the landing for a day to inspect the shuttle's skin but eventually found it was free from damage. "Glad to be back. It was a great team effort, so I think assembly is off to a good start," said commander Brent Jett. International Herald Tribune/Associated Press (9/21)

## **EADS A380 さらに遅れること発表**

### **EADS announces additional A380 delays**

Wiring installation problems will create more delays for the Airbus A380 superjumbo jet, according to Airbus parent EADS. EADS says it is too early to know how long the delays will last or how much they will cost. The Wall Street Journal (subscription required) (9/21), The Washington Post/Reuters (free registration) (9/21)

## **ロシア航空会社 ボーイング、エアバスから 787、A350XWB 購入計画**

### **Russian airline to purchase planes from Boeing, Airbus**

Russian airline Aeroflot will purchase long-range airliners from Airbus and Boeing. Aeroflot will purchase 22 Boeing 787s and 22 Airbus A350 XWBs. Terms of the agreement, which still needs government approval, were not disclosed. The Wall Street Journal (subscription required) (9/21)

## **旧型だが購入コストの安い MD-80 を使って新規立ち上げエアライン**

### **Aging MD-80s keep costs low at upstart airline**

Discount upstart carrier Allegiant Air has built its business model around the aging MD-80. The company has purchased its used planes for about \$4 million each, far less than the cost of new jetliners. Allegiant, which flies nonstop from 40 small cities to Las Vegas and Orlando, Fla., hopes to raise \$100 million in an initial public offering. The New York Times (free registration) (9/21)

## **ボストン空港エアラインラウンジ内でのワイヤレスインターネット使用を認める**

### **FCC supports airlines' broadband at Boston's Logan**

A proposed Federal Communications Commission ruling says airport authorities cannot stop Continental Airlines from offering wireless Internet service in its frequent flier lounge at Boston-Logan International Airport, according to media reports. The Massachusetts Port Authority last year ordered Continental to unplug its wireless and wireline high-speed access and instead use the airport's new fee-based Internet system. The Washington Post/Reuters (free registration) (9/21)

## **機内でバッテリー駆動のパソコンの使用制限**

### **Three foreign airlines ban some laptops with batteries**

Three international carriers have banned passengers from using Dell and Apple laptop computers with batteries during flights. The airlines cited concerns about fire hazards caused by overheating. Passengers in first and business class can use electrical outlets to power their computers, but most coach sections do not have power sources. No U.S. carrier has banned any laptops. The Wall Street Journal (subscription required) (9/21), The Times (London) (9/21), IT Week (U.K.) (9/21)

## **グッドリッチ社 エヴァレットにエンジン工場開設**

### Goodrich opens engine plant in Everett, Wash.

Goodrich on Wednesday officially opened a new engine plant in Everett, Wash. The company will prepare engines for Boeing's 787, and employment is expected to peak at 80 workers by 2008. Seattle Post-Intelligencer (9/21)

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2006年9月23日 1:15 AIA dailyLead September 22, 2006

「委員会なんでもものは議事録を重ねるだけで時間をつぶすもんだ。」

米国コメディアン ミルトン パール

“A committee is a group that keeps the minutes and loses hours.”

--Milton Berle, U.S. comedian, actor

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2006年9月22日 0:12 AIA dailyLead September 21, 2006

「野球は、90%が心理的で、のこりが身体的なゲームである。」

前米国大リーグ野球プレーヤ ヨギ・ベラ

“Baseball is 90% mental, the other half is physical.”

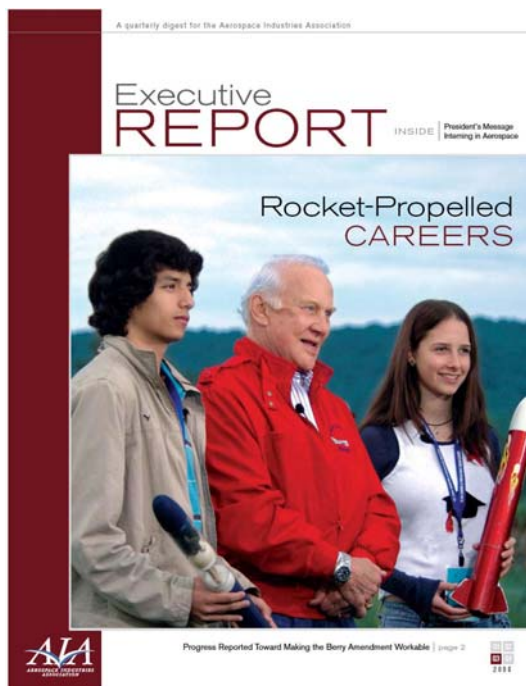
--Yogi Berra, Former major league baseball player

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**[新刊紹介]** Executive REPORT 2006 3<sup>rd</sup> quarter, A quarterly digest for the Aerospace Industries Association

米国高校生のロケットコンテスト Team America Rocketry Challenge finalistsと宇宙飛行士 Buzz Aldrin が表紙に



#### On the COVER

Thinking about space careers are 2006 Team America Rocketry Challenge finalists Juan Aguilar of Morton East High School in

[https://www.aia-aerospace.org/library/periodicals/exec\\_rpt/exec\\_q3\\_06.pdf](https://www.aia-aerospace.org/library/periodicals/exec_rpt/exec_q3_06.pdf)

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Cicero, Ill., and Mackenzie Howell of Plantation, Fla., High School, with 1969 moon walk astronaut Buzz Aldrin. (AIA Photo)