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[謝辞] JAXA ISAS News 07.11 寄贈 感謝

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Aerospace Daily & Defense Report Dec 3, 2007

### Orion 宇宙探査ビークルのプロジェクトマネージャ Hatfield は ISS のプログラムオフィスに異動

#### Hatfield being replaced as manager of NASA's Orion

ORION LEADERSHIP: Caris A. (Skip) Hatfield, project manager for NASA's Orion crew exploration vehicle, is being reassigned to

the International Space Station (ISS) program office at Johnson ...

### 滞空および木にとまる能力が UAV の夢を推進

#### Hover and perch capabilities lead UAV dreams: general

UAV DREAMS: U.S. military officials increasingly seek small-craft hover and perch capabilities from unmanned aircraft, according

to Army aviation chief Brig. Gen. Stephen Mundt. Fixed-wing unmanned systems ...

### グーグル Lunar X Prize に一番目のチームが登録、計画の詳細化

#### First team to sign up for Google Lunar X Prize to detail plans

SIGNED UP: On Dec. 6 at the Space Investment Summit in San Jose, Calif., the first team to complete registration for the \$30

million Google Lunar X ...

### 海軍と TSA 輸送セキュリティ・アドミニはパナマ・シティ空港で周辺セキュリティ・システムの試験を予定

#### Navy, TSA to test perimeter security system at Panama City airport

PERIMETER SECURITY: The U.S. Navy and the Transportation Security Administration (TSA) are partnering to test an airport

perimeter security system at Florida's Panama City-Bay County International Airport. ...

### 空軍は今月、IT 投資計画をまとめる予定

#### Air Force this month to wrap up IT investment plans

AIR FORCE IT: U.S. Air Force officials are drafting portfolio-level policies and procedures for information technology (IT)

investments and they tell congressional auditors that the groundwork is ...

### 海兵隊はネットワーク・アタック能力を計画

#### Marines plan network attack capability

NETWORK ATTACK: U.S. Marine Corps special operators are going to tackle the very sophisticated mission of network attack.

Maj. Gen. Dennis Hejlik, commander of Marine Corps special ...

### DARPA は外国資料翻訳技術に関して作業を拡大

#### DARPA extends work on foreign document translation technology

DOCUMENT TRANSLATION: The Defense Advanced Research Projects Agency (DARPA) is figuring out what to do with all the

information one might gather during a spy mission inside ...

### **DARPA 計画は訓練の期間の兵士能力をモニタする**

#### **DARPA program monitoring soldier performance during exercises**

AUGCOG: As part of the Defense Advanced Research Projects Agency's (DARPA) Augmented Cognition (AugCog) program, a

Honeywell-led team is measuring the workload, stress and cognitive capability of ...

### **契約者の倫理規定が 12 月 24 日に発効**

#### **Contractor code of ethics rule takes effect Dec. 24**

ETHICS CODIFIED: A new federal acquisition rule requiring that contractors promulgate a code of ethics and establish internal

controls to combat procurement fraud will take effect Dec. ...

### **NASA は STS-122 の 12 月 6 日打上げを承認**

#### **NASA approves Dec. 6 launch date for STS-122**

GO: Senior NASA managers set a Dec. 6 launch date for the space shuttle Atlantis on the STS-122/1E space station

assembly mission. As expected, the "executive" flight ...

### **国内の戦闘空域のコントロールが次の UAV の大きな課題**

#### **Domestic, combat airspace control next big UAV issue**

Airspace issues, whether access to domestic skies or control over a combat arena, is the next big focus for unmanned aerial

vehicles (UAVs) and needs to be ...

### **EU は Galileo の入札規則を承認**

#### **European Union okays Galileo bid rules**

PARIS – The European transport ministers have approved a proposed change in the tendering rules for the Galileo satellite

navigation system that will clear the way for ...

### **英国パイロット組合は BoeingX-45A チームにトロフィーを授与**

#### **U.K. pilots guild awards trophy to Boeing X-45A team**

BRITISH BRAVO: Britain's Guild of Air Pilots and Air Navigators has given Boeing's X-45A unmanned combat air vehicle its

Johnston Memorial Trophy, which is presented to an ...

### **EADS の懸念は Thales-Safran 連携の水雷を支援**

#### **EADS concerns help torpedo Thales-Safran alliance**

PARIS – Prospects for an alliance between aerospace and defense contractors Thales and Safran have been cut short by

opposition from private shareholders, top management and the ...

### **米政府の科学者は DOD が SBIR(スモールビジネス創造的研究)を支援し効果を生んでいると報告**

#### **Federal scientists report DOD SBIR helping, working**

In what the National Academies of Science (NAS) calls the most

comprehensive assessment of the Small Business Innovation

Research (SBIR) program to date, researchers have concluded | that ...

**中国の動きは米議員にさらに多くの潜水艦と爆撃機の予算要求に弾みをつける**

**China's move spurs lawmaker to seek more subs, bombers**

The White House may be trying to downplay the flap over China's | top Republican on ...  
last-minute rejection of a U.S. Navy visit to Hong Kong, but the

**米国はパキスタンとの軍事的取引を継続する可能性が高いと CRS は述べる**

**U.S. likely to continue military deals with Pakistan, CRS says**

It appears that the United States is unlikely to stop impending | wake of the coup there, ...  
F-16 sales to Pakistan or other military equipment deals in the

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**Aerospace Daily & Defense Report Nov 30, 2007**

**国防総省はイランの Ashura ミサイルが米を困惑させる開発であると認識している**

**Pentagon sees Iranian 'Ashura' missile as worrying development**

PARIS - Iran's announcement that it has developed the | some concern by the Pentagon. ...  
1,200-mile range Ashura ballistic missile is being viewed with

**インド陸軍ヘリの契約の話が進行中**

**Contract talks ongoing for Indian army helos**

NEW DELHI - Final negotiations are ongoing between India's | Fennec light helicopters for the Indian army, ...  
ministry of defense and Eurocopter to purchase 197 AS 550 C3

**米海兵隊はアフガニスタンに重点を移す可能性**

**USMC could shift focus to Afghanistan**

MARINES IN AFGHANISTAN: U.S. Marine Corps Lt. Gen. James | that his service is well postured to shift its attention ...  
Castellaw, deputy commandant for programs and resources, says

**海軍は ADS 水中監視システムをスクラップ化予定**

**Navy to scrap undersea surveillance system ADS**

The U.S. Navy will shut down its Advanced Deployable System | undersea surveillance system, once intended for ...  
(ADS) program next year after a final test report for the

**BAE システムズはインドの Wipro Technologies と提携する**

**BAE Systems partners with India's Wipro**

NEW DELHI - BAE Systems and Wipro Technologies in | subsystems for the air transport and business jet ...  
Hyderabad and Bangalore will combine efforts on the design of

**Trident II D5 は 120 回目の打上げ成功の歴史的偉業を達成**

**Trident II D5s make history with 120th successful launch**

BALLISTIC RECORD: The Trident II D5 missile has achieved 120 consecutive successful test launches since 1989, surpassing any

other large ballistic missile or space-launch vehicle, according to ...

### ISS クルーは Destiny 入口部分に関し2件のリーク・チェックを実施

#### ISS crew performs two leak checks on Destiny vestibule

LEAK CHECK: Concerned that the vestibule to the Destiny lab aboard the International Space Station (ISS) may be leaking, the

Expedition 16 crew has performed two leak ...

### 空軍は F-15A から-15D までのモデルに関して再び飛行停止

#### Air Force again grounds F-15A through D models

The U.S. Air Force has again grounded its main force of F-15 Eagles for safety reasons, with the commander of Air Combat

Command on Nov. 28 directing ...

### ESA 欧州宇宙機関は金星の上に稲妻と地球のような現象を観測

#### ESA identifies lightning, Earth-like processes on Venus

PARIS – Scientists say the latest results from the European Space Agency's (ESA) Venus Express probe are adding

significantly to our knowledge of our nearest planet. ...

### 米海軍 Keating 太平洋司令官は 1 月半ばの訪問時、中国に勢力の拡大と宇宙について質問することを期待

#### Pacific commander hopes to ask China about buildup, space

Following new efforts to expand contacts with Chinese counterparts, U.S. Navy Adm. Timothy Keating hopes to go to

China in mid-January, his second visit there in less ...

### BAE は Oman の F-16 向けに長距離の光学カメラを熱心にセールス

#### BAE touts long-range, EO camera for Oman's F-16s

BAE BRIEFS: BAE Systems declared Nov. 28 that it successfully fielded its long-range, electro-optical Airborne Reconnaissance

System (ARS) camera as part of the F-16-based program for the ...

### GAO 米会計検査院は NASA に Ares I ビジネスケースをてこ入れするよう奨励

#### GAO recommends NASA shore up Ares I business case

The U.S. Government Accountability Office (GAO) is recommending that NASA not proceed beyond the 2008

preliminary design review (PDR) for the Ares I Crew Launch Vehicle until ...

### ボーイングは日本向けの空中給油機 KC-767 2 号機の初飛行を行なう

#### Boeing conducts first flight of Japan's second KC-767

JAPAN'S TANKER: Boeing has completed first flight of Japan's second KC-767 following its modification to an aerial refueler,

the company announced Nov. 29. The 2-hour, 45-minute flight ...

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Aerospace Daily & Defense Report Nov 29, 2007

### 米空軍長官は予算の増額要求は政府内で基盤を得つつあると述べる

### USAF chief says budget increase request gaining ground with White House

NEW YORK – U.S. Air Force Secretary Michael Wynne says his push to garner an extra \$20 billion per year to boost the

service's procurement plans is . . .

### イージス BMD プログラム当局はさらに多くのミサイルを要求

#### Aegis BMD program chief calls for more missiles

U.S. missile defense officials welcome recent congressional support for Aegis Ballistic Missile Defense (BMD) beyond what

the Bush administration requested for fiscal 2008, but the Aegis BMD . . .

### AEDC アーノルド・エンジニアリング&開発センタと企業は F-35 用の代替エンジンを試験予定

#### AEDC, industry testing alternate engine for F-35

The U.S. Air Force's Arnold Engineering and Development Center (AEDC) and GE/Rolls-Royce are initiating a series of tests

aimed at collecting data on the alternate F136 engine . . .

### STSS は 2008 年夏に打上げ予定

#### STSS to launch next summer

The U.S. Missile Defense Agency (MDA) completed thermal vacuum testing on the second of its two Space Tracking and

Surveillance System (STSS) satellites, which are expected to . . .

### 新爆撃機は核を装備することになると Wynne 空軍長官は述べる

#### New bomber will be outfitted for nukes, Wynne says

NEW YORK – U.S. Air Force Secretary Michael Wynne says his service is likely to add extra redundancy and hardening to its

next-generation bomber to ensure the . . .

### V-22 オズプレイはイラクでうまく働いていると Castellaw は述べる

#### V-22 doing 'well' in Iraq, Castellaw says

NEW YORK – U.S. Marine Corps Lt. Gen. John Castellaw, deputy commandant for programs and resources, says the V-22 is

performing as expected during its first deployment . . .

### 軍事科学委員会は対 IED(即席爆弾)プログラムを見直し中

#### Defense Science Board reviewing anti-IED programs

IEDs: A Defense Science Board (DSB) task force on improvised explosive devices is examining ongoing anti-IED programs and

the Pentagon's Joint Improvised Explosive Device Defeat Organization (JIEDDO) . . .

### HURT の第2フェイズで DARPA は難題を抱えた UAV C2 の課題を公表

#### In second phase of HURT, DARPA addressing thorny UAV C2 issues

The Defense Advanced Research Projects Agency (DARPA) and the U.S. Army plan to address difficult issues associated with the

command and control of unmanned aerial vehicles (UAVs) . . .

### Honeywell は DARPA のターゲットを見つけるのに脳波を利用する

#### Honeywell uses brain waves to spot targets for DARPA

Honeywell Aerospace is working for the Defense Advanced Research Projects Agency (DARPA) on a system to help

intelligence analysts screen reconnaissance imagery from satellites and aircraft six ...

### Wynne 空軍長官は空軍力が米国の主要な抑止力になってきていると述べる

#### AF chief says air power becoming primary U.S. deterrent

NEW YORK – U.S. Air Force Secretary Michael Wynne says air presence is becoming the United States' primary means of

deterring enemies. ...

### NASA は陸地を見張るのに UAV 搭載の SAR に着眼

#### NASA eyes UAV-based synthetic aperture radar to watch land

NASA UAVSAR: NASA said Nov. 27 it is evaluating a small L-Band synthetic aperture radar, potentially for unmanned

aircraft, to detect changes in the Earth's surface such ...

### ジェネラル・ダイナミクスは WIN-T と MRAP の契約をしたことを公表

#### General Dynamics unveils WIN-T, MRAP contract awards

GENERAL AWARDS: General Dynamics C4 Systems has received a \$75 million order on the U.S. Army's Common

Hardware/Software 3 (CHS-3) contract, namely computers and network equipment for ...

### 全ての F-15 イーグルが飛行承認された

#### All F-15 Eagles cleared for flight

EAGLES FLY: All of the U.S. Air Force's F-15E Eagles have returned to flight after a temporary stand-down following a crash

earlier this month, Air Force Secretary ...

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Aerospace Daily & Defense Report Nov 28, 2007

### ISS マネージャはシャトル Atlantis 受入れを承認

#### Managers clear ISS to receive Atlantis

A flight readiness review by senior International Space Station (ISS) managers formally adopted a recommendation Nov. 27 that

space shuttle Atlantis launch on time Dec. 6 with ...

### 英海軍のミサイル防衛はテストの準備完了

#### U.K. naval missile defense readies for testing

PARIS – The U.K.'s Principal Anti-Air Missile System (PAAMS) is in the final phases of preparation for end-to-end testing that will

begin in France next year. ...

### Sea Launch は Thuraya の打上げを延期し母港に向う

#### Sea Launch heading home after postponing Thuraya launch

Thwarted by unusually strong ocean currents at its launch site in the equatorial ocean, Sea Launch has decided to postpone the

Thuraya-3 launch campaign, and its command ...

### 対IED(即席爆弾)の責任者は退任前に予算の枯渇を警告

#### Outgoing anti-IED chief warns of money drying up

The outgoing head of the Defense Department's Joint Improvised Explosive Device Defeat Organization (JIEDDO) says the group

will not be able to fund any new initiatives - ...

### ノースロップと SAIC はマイクロソフトのプラットフォーム上に製作したシミュレータを開発中

#### Northrop, SAIC developing simulations built on Microsoft platform

Northrop Grumman, SAIC and others already have begun developing their own tailored simulations based on Microsoft's

ESP simulation toolkit, which the software giant plans to formally release ...

### 湾岸諸国はイランに直面する防衛に関して予算を増大

#### Gulf countries boost spending on defense in face of Iran

The six Gulf Cooperation Council (GCC) members - Bahrain, Jordan, Kuwait, Oman, Saudi Arabia, and the UAE - have seen

their collective defense spending grow from \$31.15 ...

### ボーイングはケネディ・スペース・センタの作業に関して褒賞を得る

#### Boeing wins kudos for Kennedy work

BOEING LAUDED: NASA has selected The Boeing Company as its 2007 Large Business Contractor of the Year for providing

outstanding support to small businesses at Kennedy Space ...

### 議会はなおインテリジェンスの改革に取組み中と CRS レポートは述べる

#### Congress still grappling with intelligence reforms, CRS report says

Implementing the 2004 Intelligence Reform Act and addressing some of the issues raised by the director of national intelligence

(DNI) is raising some issues for Congress, according ...

### 米陸軍はノースロップ・グラマンからさらに多くのアンテナを調達予定

#### U.S. Army to get more antenna systems from Northrop Grumman

FREQUENCY HOPPING: Northrop Grumman has been awarded a \$20 million follow-on contract from U.S. Army Communication

and Electronics Command to provide soldiers additional Frequency Hopping Multiplexers (FHMUX) ...

### ボーイングは C-130 アビオニクス近代化計画の最初の 2 機で教訓を得たことを大いに宣伝

#### Boeing touts lessons learned from first two C-130 AMPs

AMPED UP: Boeing said Nov. 27 that the first two C-130 Avionics Modernization Program (AMP) aircraft are currently at

the U.S. Air Force Flight Test Center at ...

### 今週の軍事関連ニュース (2007/11/23)

<http://www.kojii.net/news/index.html>

### 今日の報道発表 (Defense-Aerospace.com 2007/11/21)

韓国は、2020 年に国産二段式大型ロケットを実用化し、月探査機を打上げると表明。2017 年までに 300t 級のブースタ、KSLV-II (Korea Space Launch Vehicle-II) を、2016 年までに探査機のベースとなる汎用バスを、各々完成させるとしている。ちなみに、KSLV-I は

170t 級。それに先立ち、ロケットで使用するターボポンプやエンジンを 2014 年までに完成させるとしている。衛星打上げ分野では、100kg 級衛星を 3-4 年ごとに、1-10kg 級衛星を毎年、各々打上げたいとする。(Korea Overseas Information Service)

### 今日の報道発表 (Defense-Aerospace.com 2007/11/16)

The Lexington Institute は、「変化が続いている東アジアにおいて、日本は国際的安全保障の分野でもっと大きな役割を果たすべきである。米はそれについて、日本にどの程度のもを望んでいるかのシグナルを送っている。日本国内に依然として存在する軍国主義化に対する

懸念には、心配するに及ばず」とした上で、米が日本に、もっと大きな役割を担ってもらいたいと考えているのであれば F-22A Raptor や RQ-4 Global Hawk 輸出を承認すべき、とする報告をまとめた。(The Lexington Institute)

### 今日の小ネタ (DefenseNews 2007/11/15)

同日に米議会では、中国の積極的スパイ活動により、米からノウハウが流出する事態に対する懸念が取上げられた。単一のものとしては、

米テクノロジー分野にとって最大脅威としている。中国人民解放軍による、米軍コンピュータに対する侵入行為も問題になっている。

### 今日の米軍調達 (Contracts 2007/11/21)

▪ Northrop Grumman (Carson, CA)、Raytheon Company (Aurora, CO) 両社は米空軍から、GPSOCX (Global Positioning Systems Next Generation Ground Control Segment) フェーズ A 契約を、それぞれ \$160,000,000 (Northrop Grumman) と \$159,759,839 (Raytheon) で受注。次世代 GPS 地上管制設備につき、トレード・スタディ、要求仕様確定、エンジニアリング・モデル開発を実施するもの。SMC (Space and Missile Systems Center), Los Angeles AFB, CA

(FA8807-09-C-0001, FA8807-09-C-0003, FA8807-09-C-0006)  
▪ Lockheed Martin Corp., Lockheed Martin Aeronautics Co. (Fort Worth, TX) は米海軍から、F-35 Lightning II に関する修正契約を \$13,800,000 で受注。F-35 量産に備え、下請け各社に対し量産前製造支援や計画立案を行う。NAVAIR (Naval Air Systems Command), Patuxent River, MD (N00019-06-C-0291)

### 今日の報道発表 (Defense-Aerospace.com 2007/11/21)

▪ 米 Lockheed Martin 社は、MILSTAR を代替する米軍次世代通信衛星・AEHF (Advanced Extremely High Frequency) 2号機で使用するコア推進モジュールを完成。担当は、同社の Mississippi Space & Technology Center 等。Aerojet (Sacramento, CA) 社製の electric propulsion system 等で構成しており、軌道上で衛星が移動する際の動力源。Lockheed Martin Space Systems

(Sunnyvale, CA) 社は AEHF 主契約社で、ペイロード担当の Northrop Grumman Space Technology (Redondo Beach, CA) 社と組んで作業を進めている。2号機ペイロードは環境試験や領収試験を経て、2008年半ばに完成予定。その後、2009年打上げを予定。バスは Lockheed Martin 社製の A2100 シリーズ。(Lockheed Martin)

### 今日の報道発表 (Defense-Aerospace.com 2007/11/19)

▪ 米の業界団体・AIA (Aerospace Industries Association) は、軍事関連の宇宙プログラムに関するコスト見積りの隔絶に対処するため、Joint Government/Industry Space Cost Analysis and Estimating Improvement Council と称する、軍と産業界からなる常設協議会を設置したと発表。両者が協力し、コスト見積りや調達に関する問題を解決しようというもの。軍側からは、OSD (Office of the Secretary of Defense : 国防長官官房)、米空軍、NRO (National Reconnaissance Office)、Office of the Director of National Intelligence からの人員が、産業界からは AIA 加盟企業各社からの人員が参加。(AIA)

▪ インドの宇宙開発部門・ISRO は、自国開発を進めている静止衛星打上げ用ブースタ GSRV (Geosynchronous Satellite Launch

Vehicle) 上段 (upper stage) で使う液体燃料ロケット・テストを Tamil Nadu の Mahendragiri にある試験施設で成功裏に実施。CUS (Cryogenic Upper Stage) と称するもので、燃焼時間は 720 秒。GSLV 次期ミッション (GSLV-D3) に投入する用意が整ったとしている。推力 69.5kN、燃料は液水と液酸、39,000rpm で動作するターボポンプで供給。(Indian MoD)

▪ EADS Astrium 社は、ERS-1、ERS-2、Envisat、Metop に続き、ESA (European Space Agency) 向けのレーダ画像衛星・Sentinel-1 開発を担当することに。プロジェクト全体予算は 2 億 2,900 万ユーロ、C バンドを使う合成開口レーダ (SAR : Synthetic Aperture Radar) 部分の予算は 8,500 万ユーロ。Sentinel-1 は、欧州の環境データを記録する GMES (Global Monitoring for Environment and



Security) プロジェクトの構成要素。重量 2.2t、軌道高度 700km、2011 年に運用開始予定で、想定寿命は 7 年間。従来衛星よりアンテナ性能を高めており、データ品質を向上させる。動作モードは以下の 4 種:

- strip-map mode : 幅 80km、解像度 5m×5m
- interferometric wide-swath mode : 幅 250 km、解像度 5m×20m

#### **今日の報道発表 (Defense-Aerospace.com 2007/11/16)**

▪ 二度にわたる打上げ延期を経て、英軍の新型通信衛星・Skynet 5B (通算 2 号機) が、2007/11/14 に仏領ギアナの Kourou から Ariane 5 ブースタで打上げられた。重量 4,700kg、軌道位置は東経 56 度の赤道、動作試験を実施後、数週間以内に軌道にのせる予定。Ariane 5 による打上げとしては通算 35 回目、うち 21 回目の成功事例。Skynet 計画は PFI (Private Finance Initiative) に基づく案件で、総額 30 億ポンド。主契約社は Paradigm Secure Communications 社、衛星製造担当は EADS-Astrium 社。2007 年 4 月に Skynet 5A 1 号機は打上げ済で、次は 2008 年に 3 号

\*\*extra-wide swath mode : 幅 400 km、解像度 100m×25m

▪ wave mode : 幅 20km×20km、解像度 20m×5m

EADS Astrium 社が手掛けたレーダ衛星は上記のもの以外にも、TerraSAR-X、Tan-DEM-X があり、さらに AMI (ERS)、ASAR (Envi-sat)、ASCAT (Metop) といったペイロードも手掛けた。(EADS Astrium)

機の Skynet 5C 打上げ予定。Arianespace はこれまでに、Skynet 4B/4C/4E/4F/5A 打上げ実績があり、Skynet 5C も担当。なお、これと一緒にブラジル向けの民生用通信衛星、Star One C1 も打上げられている。こちらは Thales Alenia Space 社製で、Spacebus 3000 B3 プラットフォームを使い、重量 4,100kg。軌道位置は西経 65 度の赤道上で、C バンド・トランスポンダ 28 基、Ku バンド・トランスポンダ 14 基、X バンド・トランスポンダ 1 基を備える。Skynet 5C と合わせた 2 機の重量 8,700kg は、Ariane 5 にとってペイロード最高記録。(MoD UK, Arianespace, EADS Astrium)

#### **サウジはイスラエル製品は買わないだろー (C4ISR journal 2007/11/15)**

サウジアラビアは、Eurofighter Typhoon に装備するターゲティング・ポッドとして、イスラエル Rafael 社製 LITENING III ではなく、仏 Thales 社の Damocles を採用する模様 (当の Thales 社はコメントを拒否)。Damocles は、仏・マレーシア・UAE で採用実績がある。Typhoon だけでなく、Tornado IDS アップグレード用としても 30 セットを調達。

英空軍は、Typhoon 用ターゲティング・ポッドとして LITENING III×20 セットを調達している。その他の選択肢として米 Lockheed Martin 社の Sniper があり、これは英空軍でも Harrier GR.9 搭載用として採用実績がある。

Space News <http://www.space.com/spacenews/>

#### **関心の対立の懸念が火星偵察の選定を遅らせる**

##### **Conflict Concerns Delay Mars Scout Selection**

WASHINGTON — NASA is delaying the selection of the next of its Mars Scout series of missions by a few months to address

conflict of interest concerns that arose just before the final evaluation of the proposals was to begin.

#### **OHB,と Surrey は協力してガリレオのコンステレーションに入札を計画**

##### **OHB, Surrey Plan Joint-Bid on Galileo Constellation**

PARIS — Europe's two most successful small-satellite builders intend to make a joint-bid to build at least a portion of Europe's constellation of Galileo navigation satellites, gambling that a

contract that once was closed to them may be thrown open for fresh bidding, the two companies said Nov. 28.

#### **強い潮流が Sea Launch を母港に戻す**

##### **Strong Currents Send Sea Launch Back To Home Port**

WASHINGTON — Two weeks of strong currents prompted Sea Launch to send its Odyssey launch platform back home to Long Beach.

### 小型衛星の専門企業の SSTL が売却に出される

#### Small Satellite Specialist SSTL is for Sale

PARIS -- Britain's Surrey Satellite Technology Ltd. (SSTL), arguably the world's most successful builder of small satellites, has been put on the auction block by its owner, the University of

Surrey, in a sale that is likely to occur by spring, according to SSTL Managing Director Sir Martin Sweeting.

### 新しいガリレオの資金調達計画が承認間近か

#### New Galileo Financing Plan Nears Approval

PARIS -- Europe's Galileo satellite navigation project has passed a major test of government financial support and now is considered likely to be given final approval Nov. 29-30 during a

meeting of European transport ministers, European government officials said.

### ノースロップとレイセオンは GPS の地上セグメントを受注するためとどまる

#### Northrop, Raytheon Stay in Hunt for GPS Ground Segment

BOSTON -- The U.S. Air Force awarded contracts worth \$160 million each to Northrop Grumman Corp. and Raytheon Co. Nov.

21 to continue design work on the ground control segment for the next generation of GPS navigation and positioning satellites.

### 欧州政府は共同で Inmarsat 用の Astrium Satellite に資金投入

#### European Governments Co-financing Astrium Satellite for Inmarsat

PARIS -- Inmarsat signed a contract Nov. 23 with Astrium Satellites for the construction of the Alphasat I-XL telecommunications satellite, which is being co-financed by

European governments. The satellite is scheduled for launch in 2012 or 2013, Inmarsat and Astrium announced.

#### This Week's Top Headlines

来年バイコヌールの第 2 打上げパッドは ILS の打上げ規模を増大

USE OF 2ND LAUNCH PAD AT BAIKONUR WILL BOOST ILS CAPACITY NEXT YEAR

WRC の法律調停者は開発途上国に対するマイルストーン・デッドラインを延長する

WRC REGULATORS EXTEND MILESTONE DEADLINES FOR DEVELOPING NATIONS

国々は C バンド利用のオプションを留保

COUNTRIES PRESERVE OPTIONS FOR C-BAND USE

欧州は軍事衛星の重複を減らす段取りを進める

EUROPE TAKES STEPS TO REDUCE DUPLICATION IN MILITARY SATELLITES

NASA Griffin 長官は MSU のスタディはこれ以上は進めないと述べる

GRIFFIN SAYS MSU STUDY WILL GO NO FURTHER

議会はイーゼス計画に関する MKV の資金を除く

CONGRESS ELIMINATES MKV MONEY FOR AEGIS PROGRAM

これからの NASA の取引のリストの中で代替衛星が最優先に

REPLACEMENT SATELLITES TOP THE LIST OF UPCOMING NASA DEALS.

## Space News Briefs

BEZOS は Blue Origin テスト作業に解明の光を照らす

BEZOS SHEDS LIGHT ON BLUE ORIGIN TEST EFFORTS

Obama 議員は NASA が教育事業に資金を投じるのを削減するかもしれない

OBAMA WOULD CUT NASA TO FUND EDUCATION EFFORT

中国は衛星の長寿命化を目指す

CHINA AIMS TO INCREASE LONGEVITY OF SATELLITES

PROTOSTAR と INDIA INK サードパーティは衛星容量をリース

PROTOSTAR AND INDIA INK 3RD PARTY CAPACITY LEASE

スタディによれば C バンドと Ku バンドのサービスのニーズが拡大している

STUDY SAYS DEMAND GROWS FOR SERVICES IN C- AND KU-BANDS

Putin 大統領は新しい射場の建設を承認

PUTIN OKS CONSTRUCTION OF NEW LAUNCH FACILITY

ノースロップとレイセオンは GPS OCX の設計契約を獲得

NORTHROP, RAYTHEON NAB GPS OCX DESIGN CONTRACTS

ブラジル、アルゼンチンはハイパースペクトル衛星の製造で合意

BRAZIL, ARGENTINA AGREE TO BUILD HYPERSPECTRAL SATELLITE

2007.12.8 Sat News <http://www.satnews.com/>

### Top Stories

Alphasat は Inmarsat を強化、Astrium と Thales の厚意による

Alphasat Boost for Inmarsat, Courtesy of Astrium & Thales

Astrium and Thales Alenia Space will be jointly developing Alphasat. This follows the recent agreement between Inmarsat

and ESA, which will provide a new European platform for next-generation high power comsats.

Cerona 社は契約を履行するため彼らの空に達する

Cerona Reaches For Their Sky To Fulfill Contract

Cerona Networks Corporation is absolutely delighted that a billion-dollar leading defense company has selected Cerona's SkyDSR-DT as the service replacement of its Integrated

Receiver Decoder expressly for the multicast of IP video, audio and data products to the warfighter.

Cornell 大の CUSat は Telemetry-West の InControl に会う

Cornell's CUSat Sees Telemetry-West InControl

Telemetry-West, a division of L-3 Communications, announced the firm has provided licenses of its InControl software application to Cornell University (Ithaca, New York) for the

CUSat Nanosatellite program. The InControl software product is designed to support satellite test and on-orbit operations.

DigitalGlobe の WorldView-1 衛星は、地球観測の運用に入る

DigitalGlobe's WorldView-1 Now Looking At Us

DigitalGlobe has announced WorldView-1 has completed its commissioning, meets all of its requirements, and is delivering

imagery to the National Geospatial-Intelligence Agency (NGA) as part of the NextView program. Full Operating Capability (FOC)

with NGA began on November 17th.

### GPSの特許は問題の核心をついて完璧 = Hemisphere 社にとっての新しい製品

#### GPS Patents Profoundly Perfect = New Products For Hemisphere

Hemisphere GPS is rightfully proud of two new patents recently awarded to the company for innovative technology. The Method and System for Synchronizing Multiple Tracking Devices for a

Geo-Location System patent (U.S. Patent No. 7,292,186) enables more robust and cost effective heading by using a single processor to compute heading from multiple GPS receivers.

### MicroSat 社にとって Whallop の日に

#### A Whallop Of A Day For MicroSat

MicroSat Systems (MSI) recognized the Wallops Flight Facility for their support of the **TacSat-2** satellite launch nearly a year

ago on December 16, 2006.

### ノースロップグラマンのところで真空試験は「カーペットの清掃」を意味はしない

#### A Vacuum Test At Northrop Grumman Does Not Mean Cleaning A Carpet

In May of this year, the first **STSS** (Space Tracking and Surveillance Systems) space vehicle completed thermal vacuum testing. Now, prime contractor Northrop Grumman Corporation

[NYSE:NOC] has reported the second of two **STSS** demo satellites being built for the Missile Defense Agency has also successfully completed thermal testing.

### レイセオンは米空軍との GPS の契約に積極的に取組み

#### Raytheon Positioned Positively With USAF GPS Contract

Raytheon Company [NYSE:RTN] has been awarded a \$160 million, 18-month competitive contract to develop a new system design

for the nexgen Global Positioning System Control Segment.

### TSF は Bangladesh の災害に通信機器で対応

#### TSF Responds To Bangladesh Disaster With Com Equipment

Bangladesh is facing the worst disaster to have struck the country in ten years. Télécoms Sans Frontières (TSF) already set up two Emergency Communication Centers in Barisal and

Barguna, two focal points for humanitarian aid coordination in cyclone Sidr affected regions.

### DigiGO!™—デジタル・コンテンツ、創造と配信の世界

#### DigiGO!™—The World of Digital Content, Creation & Delivery

ABI Research — EchoStar & Harris — IAC/InterActiveCorp. — LinkedIn & News Corp. — Panasonic — UDCast — Voyant Int'l &

Wysiwyg — Yahoo! & SonyBMG — Panasonic & Sony Pro Cams — NewBlue Inc. — Digital Entertainment Releases for Monday —

### AFCEA WEST2008 秘密とそれほど秘密でない AFCEA のコース: ネットセントリック環境での軍事衛星通信

#### Secret and Not-So-Secret AFCEA Courses At WEST 2008

From February 5th through February 7th and February 8th, at WEST 2008 in San Diego, California, AFCEA International is

hosting the Military Satellite Communications in a Net-Centric Environment course.

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**Lockheed Martin Press Releases** <http://www.lockheedmartin.com/news/>

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

**Nov. 28, 2007** **ボーイングは TSAT 暗号化システムの成熟を実証**

**Boeing Demonstrates Maturity of TSAT Encryption System**

[http://www.boeing.com/news/releases/2007/q4/071128a\\_nr.html](http://www.boeing.com/news/releases/2007/q4/071128a_nr.html)  
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**France in Space** <http://www.france-science.org/home/page.asp?target=nfo-let&PUBLID=9&LNG=us>  
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**JDW, Jane's Defence Weekly** <http://jdw.janes.com/public/jdw/index.shtml>

**28-Nov-2007** **パキスタンは JF-17 戦闘機に関して中国と仏の兵器を混載することを検討**

**Pakistan considers a mix of Chinese, French weapons for its JF-17s**

The Pakistan Air Force (PAF) may operate a mixed fleet of JF-17 fighter aircraft with some using Chinese radars and missiles and others operating French...

**26-Nov-2007** **インドと中国は 12 月に陸軍共同演習を計画**

**India, China plan joint army exercise for December**

India and China are set to hold their first ever joint army manoeuvres in December, in the hilly terrain near Kunming in southern Yunnan province,...

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**[平山ニュース 2007 年 月 日]** <http://www.wikihouse.com/space/>      バックナンバ <http://backno.mini.mag2.com/M0000575>  
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#### **[NEWS]**

11/28 かぐや 地形の立体視動画を公開(JAXA)

11/26 嫦娥 月面画像を公開(NHK 経)

#### **[予定]**

#### **[EVENT]**

12/23 トークイベント「月周回衛星『かぐや』月の謎にせまる」,小 3 以上 40 名 × 2 回,ソニー・エクスプローラサイエンス,台場

12/15-2/17 特別展「月-45 億年の絆」,佐賀県立宇宙科学館

12/3 衛星リモセン農林業ワークショップ in 岐阜,ハートフルスクエア

11/30 講演(キューブサット),川島レイ,中村友哉,九工大(戸畑)

#### **[学会]**

12/3-7 VSOP-2 Symposium 2007,ISAS 相模原

12/3-7 17th International Photovoltaic Science and Engineering Conference (PVSEC-17),福岡国際会議場

11/30 第 44 回 JSASS 関西・中部支部合同秋期大会,大阪府立大学

11/30 IEICE 宇宙・航行エレクトロニクス研究会,ISAS 相模原

11/30 小型セイル搭載理学観測機器に関するシンポジウム,ISAS 相模原

#### **[TV]** ディスカバリ・チャンネル他

12/1 1900-2000,12/3 0000-0100,2100-2200 ヒストリ・チャンネル ザ・ユニバース 火星:赤い惑星

11/30 2030-2100,12/1 0130-0200 ディスカバリ・チャンネル 究極の建造技術:宇宙船

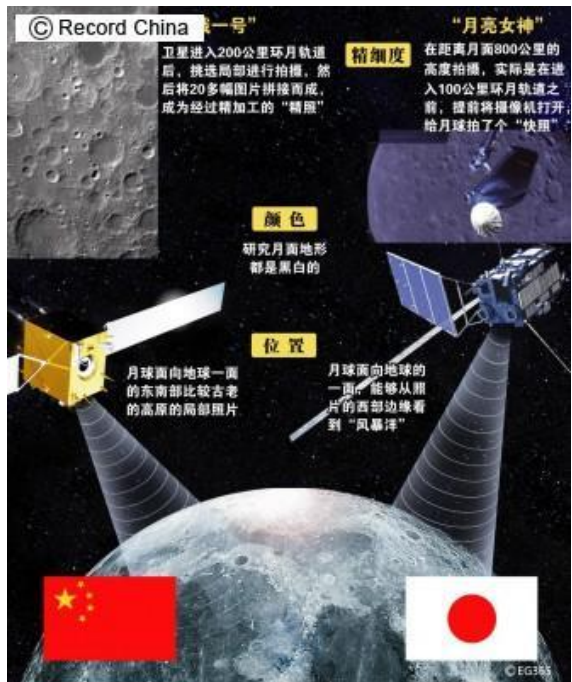
11/29 1800-1900 の間 10 数分 日本 TV(関東) ニュースリアルタイム 女子高生ロケット(2)執念の挑戦...完全密着

[etc.]

11/30 募集締切:H20 年度宇宙留学生,小 2-6>南種子町教育委員会

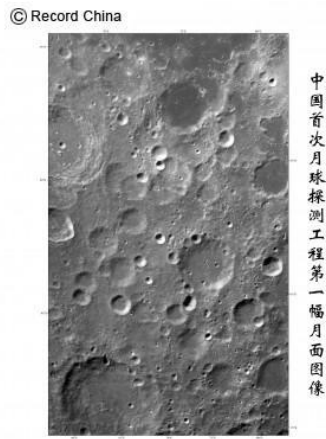
[中国宇宙開発] [http://dailynews.yahoo.co.jp/fc/world/china\\_space\\_exploration/](http://dailynews.yahoo.co.jp/fc/world/china_space_exploration/)

- <嫦娥 1 号>中国「嫦娥 1 号」VS 日本「かぐや」! どちらの宇宙写真がきれい?—中国(Record China) (28 日 15 時 29 分)



- 2020 年の「有人月面探査」計画ない! 先走り報道を否定—中国(Record China) (28 日 9 時 4 分)

- <嫦娥 1 号> 月軌道からの写真撮影に成功、月面の鮮明な画像を公開—中国(Record China) (27 日 10 時 14 分)



- 中国「月クラブの仲間入り」 月探査の画像公表(産経新聞) (26 日 23 時 0 分)
- 航空機・原子炉など総額3兆2千億円、中仏が巨額契約(読売新聞) (26 日 22 時 42 分)
- <中国> 月探査衛星「嫦娥 1 号」撮影の月面画像発表(毎日新聞) (26 日 20 時 36 分)

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

- 月面の 3D 動画を公開=探査機「かぐや」で撮影—宇宙機構(時事通信) (28 日 21 時 31 分)

- 韓国初の宇宙飛行士、来年4月8日に宇宙へ(YONHAP NEWS) (27日11時45分)



- <嫦娥一号>月軌道からの写真撮影に成功、月面の鮮明な画像を公開—中国(Record China) (27日10時14分)
- 中国「月クラブの仲間入り」月探査の画像公表(産経新聞) (26日23時0分)
- 衛星「嫦娥」月面写真発表で温首相「探査は成功」(サーチナ・中国情報局) (26日16時2分)

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**[ミサイル防衛]** [http://dailynews.yahoo.co.jp/fc/world/missile\\_defense\\_system/?1181274734](http://dailynews.yahoo.co.jp/fc/world/missile_defense_system/?1181274734)

- <航空自衛隊>迎撃ミサイル発射装置装備車両、習志野に配置(毎日新聞) (29日11時35分)
- PAC3を空自習志野分屯基地に配備、入間に続き2か所目(読売新聞) (29日11時34分)
- PAC3、習志野基地にも配備＝ミサイル防衛で2カ所目－防衛省(時事通信) (29日7時1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/)

- F15に亀裂2カ所 米軍飛行停止措置(琉球新報) (29日16時2分)
- イラクでマフィア型犯罪増加＝政府に浸透、経済支配目指す－米軍(時事通信) (29日15時1分)
- 米空軍、F15の飛行停止(時事通信) (29日13時1分)
- 警告灯点灯で緊急着陸の米軍戦闘機、名古屋空港を離陸(読売新聞) (29日12時23分)
- 米、中国武官呼び抗議＝空母寄港拒否(時事通信) (29日10時57分)
- 岩国合同訓練、今後も継続 米軍が示唆(琉球新報) (29日10時26分)
- 「誤解だった」中国外相、米空母寄港拒否で釈明(産経新聞) (29日10時1分)
- 慰安婦問題で日本に謝罪要求＝カナダ下院が動議可決(時事通信) (29日10時1分)
- 普天間代替、岸壁はヘリ搭載船用 日米合意事項と明言(琉球新報) (29日9時41分)
- F15再び飛行停止 「新たな問題判明」(琉球新報) (29日9時39分)
- 「モリヤ逮捕」に驚き＝ブッシュ政権に人脈－米(時事通信) (29日9時0分)
- 額賀氏と会食せず＝「面識はある」－アワー元日本部長(時事通信) (29日9時0分)
- 米空母の香港寄港拒否「建設的でない」海軍首脳が中国非難(産経新聞) (29日8時2分)
- 防衛省 回復能力なく 不祥事続き「庁降格論」も(産経新聞) (29日8時2分)
- 奥大使ら銃撃から4年 きょうバグダッドで追悼(産経新聞) (29日8時1分)
- <緊急着陸>米軍機2機、名古屋空港に 2時間半閉鎖(毎日新聞) (29日0時28分)
- 外交官銃撃から4年 イラクで29日に追悼式(産経新聞) (28日22時17分)
- 米軍戦闘機2機、県営名古屋空港に緊急着陸(読売新聞) (28日18時52分)
- F/A-18、3中隊とも飛来 嘉手納基地(琉球新報) (28日16時3分)
- 前畑弾薬庫移転返還問題 移転先5団体が合意書提出 佐世保市長 九州防衛局に報告へ(西日本新聞) (28日10時9分)
- 普天間アセス、試験飛行など要望 名護など意見書提出(琉球新報) (28日9時58分)

- F/A-18、岩国から30機 嘉手納・普天間(琉球新報) (28日9時54分)
- 米空母の香港寄港拒否で中国非難(産経新聞) (28日9時24分)
- 岡本行夫氏 特別寄稿「インド洋に補給艦戻せ」(3-1,-2,-3)(産経新聞) (28日8時0分)
- <米・イラク>長期駐留へ向け交渉開始 首脳会議で合意(毎日新聞) (27日18時28分)
- 在イラク米軍・長期駐留に向け2国間交渉開始へ(読売新聞) (27日12時22分)
- 米、来夏以降の規模を交渉へ＝イラク長期駐留で布石(時事通信) (27日11時0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/)  
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- 「核施設無能力化は年内完了」米国務省キム部長(YONHAP NEWS) (29日16時43分)
- 北朝鮮、申告案提示せず＝無能力化は順調－5カ国視察団(時事通信) (29日16時0分)
- <ベネズエラ>近ごろ目立つチャベス大統領、野望は「中南米統一」(毎日新聞) (29日15時29分)
- 公害対策、環境協力で合意＝排出権の取得も視野－日中(時事通信) (29日13時1分)
- ヒル次官補訪朝へ 来月3日 核無能力化で会談(産経新聞) (28日16時31分)
- ヒル次官補12月はじめ訪朝へ 核無能力化について金次官と会談(産経新聞) (28日9時15分)
- 大量破壊兵器拡散防止、海保立入り範囲拡大の新法制定へ(読売新聞) (28日3時10分)
- 非公式の6カ国協議首席代表会合、来月初・中旬か(YONHAP NEWS) (27日17時3分)
- ヒル次官補が29日訪韓、週末に訪朝の可能性も(YONHAP NEWS) (27日13時14分)
- 日本含む代表团、北朝鮮へ出発＝寧辺核施設の無能力化を視察(時事通信) (27日12時0分)
- <北朝鮮核>無能力化確認に、日米中韓露の視察団が平壤入り(毎日新聞) (27日10時54分)
- 盧大統領、中国共産党の対外連絡部長と意見交換(YONHAP NEWS) (27日9時17分)
- 台湾商社が北に不正輸出、核物質抽出可能な機器(読売新聞) (27日3時10分)
- 北の核無能力化を確認 5カ国代表团訪朝(産経新聞) (26日21時1分)
- 北の核無能力化、寧辺の作業確認に外務省職員派遣へ(読売新聞) (26日20時43分)
- 北朝鮮からウニ不正輸入で捜索 中国・丹東経由か(産経新聞) (26日20時31分)
- <中仏首脳会談>「戦略的パートナー関係」強化で合意(毎日新聞) (26日19時49分)
- <外務省>北朝鮮の核施設調査団に科学原子力課長ら派遣(毎日新聞) (26日18時47分)

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**[ASAGUMO NEWS]** 朝雲新聞社 <http://www.asagumo-news.com/>  
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## 11/29 「コラム」更新

・朝雲寸言 /// ・道路特定財源の行方 /// ・ASEAN 憲章採択  
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**[民間航空機関連 (ex-SJAC 三輪さん)]**  
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2007年12月4日 1:19 AIA dailyLead December 3, 2007

### S 米国の次世代スパイ衛星計画

#### S U.S. eyes new satellite intelligence program

The U.S. is planning a new program to develop next-generation spy satellites, according to an Associated Press report. Officials said the system, dubbed **BASIC**, would cost up to \$4 billion and launch by 2011. The DOD is in the first stages of getting the program ready for



bids. The Washington Post/Associated Press (12/1)

### **ロッキードマーチン社 ハイスクール女子学生にエンジニアとしてのキャリア紹介**

#### **High school girls explore careers in engineering at Lockheed Martin**

Lockheed Martin's plant in Moorestown, N.J., recently hosted 70-plus teenage girls during the company's annual Women in Engineering Day. Lockheed engineers worked with the students on activities that simulated what the engineers do every day. "Each year, we try to reach out to more young women to show them how their natural interests in math and science could translate into exciting engineering careers," said Carrie Ballester, mechanical engineer and event organizer. The Philadelphia Inquirer (12/2)

### **空軍の新しい調達担当の意気込み 公平でクリーンな入札制度の実施**

#### **New Air Force weapons buyer runs clean competition for contract**

Sue Payton, the Air Force's top weapons buyer, has taken steps to keep the bidding process for a new tanker contract as transparent as possible. "She inherited a very difficult situation," noted Aerospace Industries Association Vice President Terry Marlow. "She is a no-nonsense person and is taking this charge very seriously." Houston Chronicle/Hearst News Service (12/1)

### **オーストラリア新政権 F-22 輸出禁止の解除を求める**

#### **Australia may ask U.S. to lift ban on F-22 sales**

Australia's new government may ask the U.S. to lift a ban on sales of Lockheed Martin's F-22 Raptor. However, the government has not decided whether it actually wants to purchase the aircraft. Aviation Week & Space Technology (12/2)

### **NASA の従業員組合、最近の民間パイロットに対しておこなった安全性調査結果のフィードバックの仕方で批判**

#### **NASA union disputes Griffin's account of pilot safety project**

NASA Administrator Michael Griffin misrepresented a federal air safety project that included interviews of thousands of commercial and private pilots, according to a union representing NASA workers. NASA recently decided to withhold the results of the project, according to a report by the Associated Press. The Washington Post/Associated Press (12/2)

### **大空港の混雑解消のため、小空港の果たす役割**

#### **Small airports may help reduce congestion, officials say**

New Jersey's small airports may become busy again as major airports in surrounding areas become more congested. The arrival of very light jets is also expected to create interest in smaller airports. "As private aviation takes off in the region, it is important for us to preserve a core airport system," said Kris Kolluri, New Jersey's transportation commissioner. The New York Times (12/2)

### **アメリカン航空 管理職 200 名 カット**

#### **American will eliminate up to 200 management jobs**

AMR Corp. and American Airlines will cut between 100 and 200 management jobs by the end of the year as part of a continued effort to cut costs. Separately, some American pilots picketed Friday and called for higher pay rates. The Dallas Morning News (11/30) , Star-Telegram (Fort Worth, Texas) (12/1)

### **元コンチネンタル航空会長ベシューン氏 投資ファンドの顧問として エアラインの合併を説く**

#### **Hedge fund hires former airline CEO to speak out for merger**

Former Continental Airlines CEO Gordon Bethune is working for a hedge fund that is urging United Airlines and Delta Air Lines to merge.

Bethune has been pitching the merger to other groups of investors. When asked why the fund hired him, Bethune replied, "They looked for all the guys who have been successful in the [airline] business and they found only one: me." The Atlanta Journal-Constitution (free registration) (12/2)

### **NASAの国際宇宙ステーション活動を支援する展開として欧州に新しい研究室開設**

#### **NASA hopes to launch new laboratory this week**

NASA said a new laboratory will expand the International Space Station's capabilities by allowing scientists to conduct long-term biological, fluid and materials science research. NASA is expected to launch the laboratory, which was built in Europe, this week. The Washington Post (12/2)

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2007年12月1日 0:56 AIA dailyLead November 30, 2007

### **S 無人貨物宇宙輸送機 ヒューストンにあるスペースラボ社、スペースエックス社にて開発**

#### **S Houston firm aims to develop unmanned cargo spacecraft**

Houston's Spacehab is developing an unmanned cargo spacecraft able to carry supplies to the International Space Station. The spacecraft could launch on Atlas 5 or Delta 4 rockets from Cape Canaveral and potentially create hundreds of jobs. Another company, SpaceX, is also working on a private spaceship that could ferry supplies to the International Space Station. Florida Today (Melbourne) (11/30)

### **ボーイング防衛事業部門の最大の潜在市場はメンテナンス、サポート分野から**

#### **Boeing sees biggest defense growth in maintenance, support**

Boeing Integrated Defense Systems President Jim Albaugh said the company's defense operations will see its biggest growth from maintenance and support services. Albaugh said limited defense spending by the U.S. will push the company to look for more foreign customers. STLToday.com (11/30)

### **プラット&ホイットニー社 民間航空機エンジンで新製品開発**

#### **Pratt & Whitney hopes engine helps it win big-jet market**

Pratt & Whitney hopes a new engine design helps it regain ground in the market for commercial jet engines. The company said its geared turbofan engine will use less fuel and run more quietly than engines made by its competitors. MarketWatch (11/29)

### **エアバス A380 デモフライトに150人招待客**

#### **Airbus takes 150 passengers on A380 demonstration**

Airbus invited 150 guests to take a 90-minute demonstration ride on its A380 superjumbo jet in Los Angeles on Thursday. Airbus said it invited airport critics on the demonstration flights as part of an effort to build confidence in the plane. Some people who live near Los Angeles International Airport say they hope the plane will replace older, louder aircraft. Los Angeles Times (free registration) (11/30)

### **ハワイアン航空 エアバス機でフリート交替計画検討開始**

#### **Hawaiian gets early start on fleet replacement plan**

Hawaiian Airlines says its order for Airbus jetliners announced earlier this week will help it avoid being left behind when major carriers begin replacing their fleets. "We all understand that the U.S. majors haven't stepped up to replace their wide-body fleet," CEO Mark Dunkerley said. "When they do, little guys like us will be at the back of the line." The Street.com (11/29)

## **デルタ航空 CEO に元ノースウエスト航空幹部を打診**

### **Delta taps former Northwest executive as operations chief**

Delta Air Lines on Thursday named a new executive vice president of operations. Stephen Gorman, who ran operations and maintenance at Northwest Airlines, will replace Joe Kolshak, who is retiring after 20 years with Delta. The Atlanta Journal-Constitution (free registration) (11/29) , CNNMoney.com/Associated Press (11/29)

## **米国会計監査局(GAO)、NASAの月の有人探査計画を疑問視**

### **Auditors question whether NASA is ready to develop moon rocket**

The Government Accountability Office on Thursday raised questions about whether NASA is prepared to develop the rocket that will send men to the moon. NASA plans to spend \$14.4 billion to develop the rocket, but auditors say that may not be enough based on NASA's schedule. The GAO said NASA should postpone a design review of the rocket now set for July 2008. Houston Chronicle (11/30)

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2007年11月29日 1:08 AIA dailyLead November 28, 2007

## **ハネウェル社 少ない人数で大きな売り上げ成長**

### **Honeywell gets more business done with fewer workers**

After years of cutting jobs, Honeywell has learned how to do business with fewer employees, the New York Times David Leonhardt writes. The company employs 118,000 people today, up slightly from 108,000 in 2002. Meanwhile, revenue has climbed more than 50% since 2002. "That's good for the company's investors and for the employees already on its payroll, but it doesn't do much to strengthen the job market," Leonhardt writes. The New York Times (11/28)

## **植物性ディーゼル燃料の開発を ポルトガルの会社が発表**

### **Portuguese firm will announce new way to make diesel fuel**

Portugal's Galp Energia is building a plant that will make diesel fuel from vegetable oils by adding hydrogen to oils that come from food crops. The method was developed by UOP, a subsidiary of Honeywell, and Italian energy firm Eni using funding from the Pentagon's Defense Advanced Research Projects Agency. The new fuel may find a ready market as airlines seek to reduce their carbon emissions. The New York Times (11/28)

## **S GPS 次世代基地建設工事で レセオン社とノースロップ社が最終選考リストに**

### **S Raytheon, Northrop named finalists for GPS station contract**

Northrop Grumman and Raytheon are finalists for a contract to build the next-generation Global Positioning System ground-control station. The Air Force has awarded a \$160 million contract to each company to continue developing equipment for the program. Orlando Sentinel (Fla.) (11/28)

## **エアフォース・ワン(大統領専用機)の乗員アテンダントの仕事は、荷物の積降しから食事手配まで多様**

### **Air Force One flight attendants load luggage, plan menus**

Flight attendants who staff Air Force One have more job responsibilities than the typical flight attendant. In addition to catering to government dignitaries, they load luggage into the cargo hold, plan menus, buy food and supplies and prepare meals. All of the flight attendants are Air Force enlisted personnel trained in aircraft emergencies, culinary arts and survival skills. The Wall Street Journal (subscription required) (11/28)

## **セスナ 新型機の組立て工場を中国へ**

### **Cessna moves production of new plane to Chinese firm**

Textron's Cessna Aircraft will turn over complete production of an airplane to a state-run Chinese company as part of an effort to lower costs and strengthen ties with China. The company hopes the decision will allow it to keep the price of the Cessna 162 SkyCatcher low enough to attract more customers. The Wall Street Journal (subscription required) (11/28)

### **ユナイテッド航空 燃料費高騰に大処するため株価を上げる方策**

#### **United hopes to boost share value**

Hoping to boost its share price, United Airlines is asking its lenders to approve spending up to \$500 million on buybacks and other shareholder initiatives. CEO Glenn Tilton on Tuesday said other carriers agree with United's position that the airline must consolidate to survive the increasing price of fuel. Chicago Tribune (free registration) (11/28) , The Arizona Republic (Phoenix)/Associated Press (11/27) , The Wall Street Journal/Dow Jones Newswires (subscription required) (11/27)

### **デルタ航空 燃料高騰に対処するため 国内便運賃値上げ**

#### **Delta raises domestic fares to offset soaring oil**

In a move to offset soaring fuel prices, Delta Air Lines boosted most round-trip domestic fares by \$20. Other major carriers were considering whether to match the boost. MSNBC/Associated Press (11/27) , The Atlanta Journal-Constitution (free registration) (11/27)

### **欧州委員会(EC)は、欧州の加盟諸国がエアラインに対して排気制限を強制すべきことを要請**

#### **EC wants governments to force carriers to cut emissions**

The European Commission wants European governments to force airlines to cut carbon dioxide emissions, but carriers oppose the effort. The EC believes cutting emissions would help lower greenhouse gases to levels outlined in the 1997 Kyoto treaty. The Wall Street Journal/Dow Jones Newswires/Associated Press (subscription required) (11/27)

### **S 米国GPSのパワーアップが期待されるGPSⅢ**

#### **S U.S. will unveil powerful upgrades to satellite navigation technology**

The U.S. hopes powerful upgrades to its GPS satellite navigation technology will keep the system ahead of its European rival project that just received funding. The U.S. will unveil GPS III satellites which will have about 500 times the transmitter power of the current system. Agence France-Presse (11/27)

### **米航空宇宙工業会(AIA)無人機(UAV)の発展を支持**

#### **AIA supporting unmanned aircraft growth**

AIA's Unmanned Aircraft Systems Subcommittee is supporting FAA in the development and integration of a road map to introduce unmanned aircraft into the national airspace system, including the planned Next Generation Air Transportation System. The UAS subcommittee is advocating for sufficient FAA staffing and resources to implement the UAS road map, increased research and development funding for critical technologies and collection of UAS safety data. Learn more about AIA's UAS Subcommittee activities [here](#).

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2007年12月4日 1:19 AIA dailyLead December 3, 2007

**報酬も注目もなしにただ与えることは、それ自体で特別な価値がある。**

作家・航空機パイオニア アン・モロー・リンドバーグ

**"To give without any reward, or any notice, has a special quality of its own."**

--Anne Morrow Lindbergh, writer and aviation pioneer

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2007年12月1日 0:56 AIA dailyLead November 30, 2007

**アドバイスは、聞かれるまでするな！**

プロ・ゴルファー：エイミー・アルコット

**"Don't give advice unless you're asked."**

--Amy Alcott, professional golfer

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2007年11月29日 1:08 AIA dailyLead November 28, 2007

**笑いは健康と定義される**

ノーベル文学賞 ドリス・レスリング

**"Laughter is by definition healthy."**

--Doris Lessing, Nobel Prize in Literature recipient

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**[新刊紹介]**

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**Globalsecurity.com** <http://www.globalsecurity.org/space/index.html>

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**[spacetoday.net: military]** [http://www.spacetoday.net/articles\\_bycategory.php?cid=18](http://www.spacetoday.net/articles_bycategory.php?cid=18)

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**[spacetoday.net: China]** [http://www.spacetoday.net/articles\\_bycategory.php?cid=42](http://www.spacetoday.net/articles_bycategory.php?cid=42)

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**[Missile & Satellite Defense Report]** **Table of Contents** via Rick Hashimoto (Boeing)

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